

**Italy**

**Third Biennial Report**

**December 2017**

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## 1. Introduction

This document is the third Biennial Report (BR) of Italy under decision 2/CP.17 of the Conference of the Parties under the UNFCCC.

As defined in the UNFCCC biennial reporting guidelines for developed country Parties<sup>1</sup>, the information is structured into:

- Information on greenhouse gases (GHG) emissions and trends and the GHG inventory including information on Italian national inventory arrangements (section 2);
- Quantified economy wide emission reduction target (section 3);
- Progress in achievement of the quantified economy-wide emission reduction targets (section 4);
- Projections (section 5) and
- Provision of financial, technological and capacity building support to developing countries (section 6, 7).

Tabular information as defined in the common tabular format (CTF) for the UNFCCC biennial reporting guidelines for developed country Parties (UNFCCC decision 19/CP.18) are enclosed in the report and have been officially submitted to the UNFCCC secretariat. For the CTF submission, the electronic reporting facility provided by the UNFCCC Secretariat has been used as required by UNFCCC decision 19/CP.18.

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<sup>1</sup> Annex I to UNFCCC decision 2/CP.17

## 2. Information on GHG emissions and trends<sup>2</sup>

### 2.1 Summary information on greenhouse gas emissions and trends

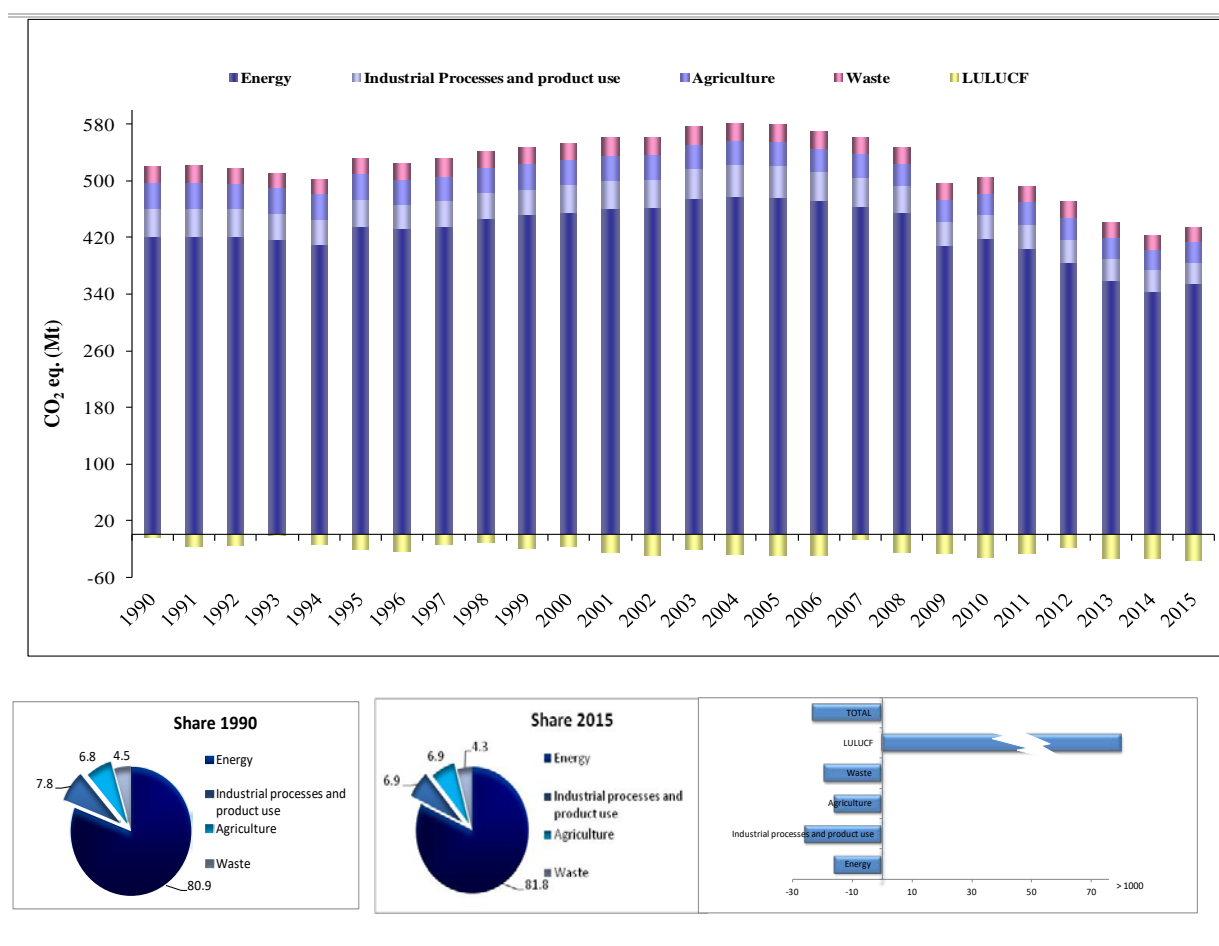
Italy's total greenhouse gas emissions, excluding emissions and removals from land use, land use change and forestry (LULUCF) decreased by 16.7% between 1990 and 2015, from 520 million tons (Mt) of CO<sub>2</sub>-equivalent to 433 Mt in 1990.

The share of the different sectors, in terms of total emissions, remains nearly unvaried over the period 1990-2015. The energy sector is the largest contributor to national total GHG emissions with a share, in 2015, of 81.8%, followed by industrial processes and agriculture, accounting each for 6.9% of total emissions, and waste contributing with 4.3%.

Considering total GHG emissions with emissions and removals from LULUCF, the energy sector accounts, in 2015, for 75.5% of total emissions and removals, as absolute weight, followed by, industrial processes and product use sector and agriculture (6.4%, each), LULUCF which contributes with 7.7%, and waste (4.0%).

Figure 1 illustrates the national trend of greenhouse gases for 1990-2015, expressed in CO<sub>2</sub> equivalent terms and by sector.

**Figure 1: Trend of total GHG emissions (1990-2015) (Gg CO<sub>2</sub> eq.)**



The most important greenhouse gas, CO<sub>2</sub>, which accounted for 82.5% of total emissions in CO<sub>2</sub> equivalent in 2015, showed a decrease by 17.9% between 1990 and 2015.

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In the energy sector, in particular, CO<sub>2</sub> emissions, in 2015, are 15.6% lower than in 1990. CH<sub>4</sub> and N<sub>2</sub>O emissions were equal to 10.0% and 4.2%, respectively, of the total CO<sub>2</sub> equivalent greenhouse gas emissions in 2015. CH<sub>4</sub> levels have decreased by 20.3% from 1990 to 2015, while N<sub>2</sub>O has decreased by 32.5%. As for the other greenhouse gases, HFCs account for 2.8% of total emissions, PFCs and SF<sub>6</sub> are equal to 0.4% and 0.1% of total emissions, respectively; the weight of NF<sub>3</sub> is less than 0.01%.

It should be noted that, from 2008, the economic recession has had a remarkable influence on the production levels affecting the energy and industrial process sectors, but on the other hand an increase of the use of renewable sources (hydro and wind) and advance in energy efficiency was also observed.

As for CO<sub>2</sub>, emissions in the 1990s essentially mirrored energy consumption. A decoupling between the curves is observed only in recent years, mainly as a result of the substitution of fuels with high carbon contents by methane gas in the production of electric energy and in industry; in the last years, the increase in the use of renewable sources has led to a notable reduction of CO<sub>2</sub> intensity.

The relevant sectors in terms of emissions are energy production and transport, contributing to about half of total national levels. For the transport sector, GHG emissions show an increase in 2015, with respect to 1990, equal to 3.2%, due to an increase in goods and passengers movements. After a peak in 2007, emissions from the transport sector show a decrease (- 18% from 2007 to 2015) mainly explained by the economic crisis contributing to the reduction of movements and by the penetration in the market of low energy consumption vehicles.

Emissions from energy industries show a reduction of 23.8% in 2015 with respect to 1990, in spite of an increase in the thermoelectric energy production (from 178.6 TWh to 192.1 TWh) and electric energy consumption (from 218.7 TWh to 297.2 TWh).

The time series of electricity production clearly shows that although the specific carbon content of the kWh generated in Italy has constantly improved over the years, total CO<sub>2</sub> emissions have raised till 2006 due to the even bigger increase of electricity production. The decreasing trend, from 2006, results from an increase in energy production from renewable sources, combined with a further reduction in the use of oil products for electricity production. In the last years the decrease is even more accentuated because of the economic recession. Specifically, in 2015, an increase in fuel consumption and CO<sub>2</sub> emissions is observed as a consequence of the increase of national energy demand which has been fulfilled by an increase of energy production in the natural gas fuelled plants because of a reduction of energy production from Hydroelectric plants.

In the period 1990-2015, emissions from energy consumption in the residential and commercial sector have increased by 3.5%. A shift from oil products to natural gas is observed along the time series. But it should be also noted that the use of natural gas for energy production and heating was already in place in the first nineties so the increase of emission levels in the nineties is to be attributed to the increasing number of buildings and their heating systems, as well as the occurrence of singular annual climatic features, as observed in 2005 due to exceptionally cold weather conditions. CH<sub>4</sub> and N<sub>2</sub>O emissions also increase in the period, due to the growing use of woody biomass and biogas for heating and, in the agriculture sector, for heating and aquaculture plants.

Finally, for the manufacturing industry, emissions have decreased by 38.9% from 1990 to 2015. The decrease is driven by the shift from the use of fuel oil to natural gas for energy and heat production; in the last years a further decrease is observed due to the reduction of industrial production levels.

For the industrial processes and product use sector, emissions decreased by 25.7% in 2015 with respect to 1990. The trend is mainly driven by the sharp reduction of N<sub>2</sub>O emissions from the chemical industry (-97.7%) due to the installation of abatement technologies in adipic and nitric acid production plants and, in the last years, of CO<sub>2</sub> from mineral products for the economic recession, and in particular for the decrease of cement production. On the other side, a notable increase of F-gas emissions, is observed especially for the use of HFCs in refrigeration and air conditioning systems, together with their use in pharmaceutical aerosol.

In the agriculture sector, emissions have decreased by 15.9% from 1990 to 2015. The main reduction is observed in emissions from enteric fermentation (-11.1%) and manure management (-25.4%) because of a reduction in animal population, specifically cattle and dairy cattle; the reduction is also due to a less extensive use of fertilisers affecting the emissions from agricultural soils (-18.0%). Also, in the last years, the recovery of biogas from manure management to be used for energy purposes has become a relevant practice.

Finally, emissions from the waste sector have decreased by 10.9% between 1990 and 2015. The reduction is to be attributed to waste management policies in place in the last years, specifically the growth of waste incineration, the composting and mechanical and biological treatment and the increasing practice of recyclable waste collected, together with an increase in efficiency of biogas capture systems.

If we consider total GHG emissions with emissions and removals from LULUCF, emission and removals levels show a decrease of 23.2% from 1990 to 2015. The energy sector accounts, in 2015, for 75.5% of total emissions and removals, as absolute weight, followed by, industrial processes and product use and agriculture (6.4%, each), LULUCF which contributes with 7.7%, and waste (4.0%). Total removals, in CO<sub>2</sub> equivalent, in the LULUCF sector, show an increase of 1013% from 1990 to 2015 with CO<sub>2</sub> accounting for 97.8% of the sector. The key driver for the rise in removals is the increase of carbon stock changes from forest land (the area reported under forest land remaining forest land has increased by 14.9%); but it should be noted that the trend is remarkable influenced by the annual area burned by fires.

Further information on greenhouse emissions and trend is detailed in chapter 3 of the Italian National Communication, and chapter 2 of the 7<sup>th</sup> National Inventory Report 2017, Italian Greenhouse Gas Inventory 1990-2015.

## ***2.2 National inventory arrangements***

The Legislative Decree 51 of March 7<sup>th</sup> 2008 instituted the National System for the Italian Greenhouse Gas Inventory, following the requirements set in the article 5.1 of the Kyoto Protocol and in according to the Decision n. 280/2004/EC of the European Parliament and of the Council concerning a mechanism for monitoring Community greenhouse gas emissions and for implementing the Kyoto Protocol (replaced in 2013 by the regulation n. 525/2013 on a mechanism for monitoring and reporting greenhouse gas emissions and for reporting other information at national and Union level relevant to climate change).

The 'National Registry for Carbon sinks', instituted by a Ministerial Decree on 1st April 2008, is part of the Italian National System and includes information on units of lands subject of activities under Article 3.3 and activities elected under Article 3.4 and related carbon stock changes. In agreement with the Ministerial decree art.4, the Ministry for the Environment, Land and Sea is responsible for the management of the National Registry for Carbon sinks. The Decree also provides that ISPRA and the State Forestry Corps are involved by the Ministry as technical scientific support for specific activities as defined in the relevant protocol. ISPRA is responsible for the preparation of emission and removals estimates for the LULUCF sector and for KP LULUCF supplementary information under art.7.1 of the Kyoto Protocol.

As indicated by art. 14 bis of the Legislative Decree, the Institute for Environmental Protection and Research (ISPRA), former Agency for Environmental Protection and Technical Services (APAT), is the single entity in charge of the preparation and compilation of the national greenhouse gas emission inventory. The Ministry for the Environment, Land and Sea is responsible for the endorsement of the inventory and for the communication to the Secretariat of the Framework Convention on Climate Change and the Kyoto Protocol. The inventory is also submitted to the European Commission in the framework of the Greenhouse Gas Monitoring Mechanism.

The Institute prepares annually a document which describes the national system including all updated information on institutional, legal and procedural arrangements for estimating emissions and removals of greenhouse gases and for reporting and archiving inventory information. The reports are publicly available at <http://www.sinanet.isprambiente.it/it/sia-isptra/serie-storiche-emissioni>.

The Italian National System, currently in place, is fully described in the document *National Greenhouse Gas Inventory System in Italy*<sup>3</sup>.

Since the Sixth National Communication and the second Biannual Report no changes have occurred in the national inventory arrangements.

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<sup>3</sup> ISPRA, 2016. National Greenhouse Gas Inventory System in Italy. Year 2016.  
<http://www.sinanet.isprambiente.it/it/sia-ispra/serie-storiche-emissioni>



CTF Table 1 Greenhouse Gas Emissions (kt CO<sub>2</sub> eq)

Greenhouse gas emissions	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change from 1990 to latest reported year
	kt CO <sub>2</sub> eq										%
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	434,968	447,513	466,241	491,570	425,304	412,906	390,325	362,936	347,071	357,199	-17.9
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	429,383	424,409	448,393	462,220	392,706	385,668	369,634	328,345	311,813	320,136	-25.4
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	54,242	52,199	53,067	50,979	48,694	46,964	47,556	45,356	44,225	43,212	-20.3
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	55,759	52,548	54,001	51,337	49,048	47,533	48,764	45,543	44,561	43,500	-22.0
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	26,949	28,318	29,347	28,319	19,537	18,990	19,608	18,645	18,153	18,203	-32.5
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	27,761	29,129	30,018	28,926	20,172	19,658	20,362	19,200	18,737	18,759	-32.4
HFCs	444	820	2,105	6,060	9,581	10,154	10,687	11,383	11,928	12,264	2,662.2
PFCs	2,907	1,492	1,488	1,940	1,520	1,661	1,499	1,705	1,564	1,688	-41.9
SF <sub>6</sub>	408	679	603	547	391	438	442	418	356	430	5.5
NF <sub>3</sub>	NA,NO	77	13	33	20	28	25	26	28	28	100.0
<b>Total (excluding LULUCF)</b>	<b>519,917</b>	<b>531,098</b>	<b>552,864</b>	<b>579,449</b>	<b>505,047</b>	<b>491,142</b>	<b>470,142</b>	<b>440,470</b>	<b>423,324</b>	<b>433,025</b>	<b>-16.7</b>
<b>Total (including LULUCF)</b>	<b>516,662</b>	<b>509,153</b>	<b>536,621</b>	<b>551,064</b>	<b>473,438</b>	<b>465,141</b>	<b>451,414</b>	<b>406,622</b>	<b>388,987</b>	<b>396,806</b>	<b>-23.2</b>

**CTF Table 1 Greenhouse Gas Source and Sink Categories (kt CO<sub>2</sub> eq)**

<b>Greenhouse gas source and sink categories</b>	<b>1990</b>	<b>1995</b>	<b>2000</b>	<b>2005</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Change 1990-2015</b>
	<b>kt CO<sub>2</sub> eq</b>										<b>%</b>
1. Energy	420,599	435,488	455,082	476,506	417,598	404,077	385,331	359,422	343,592	354,236	-15.78
2. Industrial Processes and Product Use	40,453	38,215	38,762	45,660	34,556	34,496	31,572	30,707	30,229	30,049	-25.72
3. Agriculture	35,601	35,568	34,914	32,712	30,527	30,862	31,455	30,253	29,758	29,953	-15.86
4. Land Use, Land-Use Change and Forestry <sup>b</sup>	-3,256	-21,944	-16,242	-28,385	-31,609	-26,000	-18,728	-33,849	-34,337	-36,218	1012.50
5. Waste	23,265	21,826	24,105	24,571	22,366	21,707	21,784	20,088	19,745	18,787	-19.25
6. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>Total (including LULUCF)</b>	<b>516,662</b>	<b>509,153</b>	<b>536,621</b>	<b>551,064</b>	<b>473,438</b>	<b>465,141</b>	<b>451,414</b>	<b>406,622</b>	<b>388,987</b>	<b>396,806</b>	<b>-23.20</b>

CTF Table 1 CO<sub>2</sub> Source and Sink Categories (kt)

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>1. Energy</b>	<b>404,628</b>	<b>419,233</b>	<b>439,628</b>	<b>462,069</b>	<b>403,028</b>	<b>391,055</b>	<b>371,534</b>	<b>345,902</b>	<b>330,862</b>	<b>341,666</b>	<b>-15.56</b>
A. Fuel combustion (sectoral approach)	400,615	415,262	436,391	459,531	400,428	388,462	369,027	343,224	328,362	339,093	-15.36
1. Energy industries	138,145	141,479	152,311	160,179	134,061	132,015	127,085	107,930	99,238	105,321	-23.76
2. Manufacturing industries and construction	84,535	84,347	82,120	78,386	60,167	59,839	53,520	50,062	50,813	51,515	-39.06
3. Transport	100,771	111,969	121,643	126,392	113,807	112,817	105,325	102,687	107,502	104,836	4.03
4. Other sectors	76,093	75,972	79,480	93,344	91,742	83,276	82,763	81,961	70,236	76,962	1.14
5. Other	1,070	1,495	837	1,232	651	515	334	584	573	459	-57.12
B. Fugitive emissions from fuels	4,014	3,971	3,236	2,537	2,600	2,593	2,507	2,678	2,500	2,573	-35.90
1. Solid fuels	0.4	0.1	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	-47.12
2. Oil and natural gas and other emissions from energy production	4,013	3,970	3,236	2,537	2,600	2,593	2,506	2,678	2,500	2,573	-35.89
C. CO <sub>2</sub> transport and storage	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>2. Industrial Processes and Product Use</b>	<b>29,366</b>	<b>27,314</b>	<b>25,882</b>	<b>28,754</b>	<b>21,760</b>	<b>21,310</b>	<b>18,028</b>	<b>16,351</b>	<b>15,674</b>	<b>14,983</b>	<b>-48.98</b>
A. Mineral industry	20,720	20,240	20,749	23,305	17,379	16,736	13,724	12,298	11,606	11,126	-46.31
B. Chemical industry	2,577	1,632	1,421	1,697	1,434	1,405	1,342	1,336	1,416	1,256	-51.26
C. Metal industry	4,378	3,903	2,302	2,419	1,834	2,044	1,918	1,678	1,637	1,563	-64.30
D. Non-energy products from	1,691	1,539	1,409	1,333	1,113	1,126	1,044	1,038	1,016	1,038	-38.60

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
fuels and solvent use											
E. Electronic industry											
F. Product uses as ODS substitutes											
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
H. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00
<b>3. Agriculture</b>	<b>466</b>	<b>513</b>	<b>527</b>	<b>521</b>	<b>353</b>	<b>376</b>	<b>567</b>	<b>465</b>	<b>423</b>	<b>438</b>	<b>-5.96</b>
A. Enteric fermentation											
B. Manure management											
C. Rice cultivation											
D. Agricultural soils											
E. Prescribed burning of savannas											
F. Field burning of agricultural residues											
G. Liming	1	1	2	14	18	25	16	14	12	14	896.54
H. Urea application	465	512	525	507	335	351	551	450	411	425	-8.59
I. Other carbon-containing fertilizers	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>4. Land Use, Land-Use Change and Forestry</b>	<b>-5,585</b>	<b>-23,104</b>	<b>-17,848</b>	<b>-29,351</b>	<b>-32,598</b>	<b>-27,238</b>	<b>-20,691</b>	<b>-34,591</b>	<b>-35,258</b>	<b>-37,063</b>	<b>563.58</b>
A. Forest land	-17,852	-31,122	-26,004	-34,662	-36,658	-32,732	-28,659	-37,537	-38,717	-40,112	124.70
B. Cropland	2,172	1,785	2,014	1,429	1,305	2,401	2,356	2,318	2,206	2,157	-0.70
C. Grassland	3,974	-1,241	119	-2,885	-4,498	-4,471	-2,179	-7,222	-6,527	-6,793	-270.94
D. Wetlands	NE,NO	5	8	8	NE,NO	NE,NO	NE,NO	NE,NO	NE,NO	NO,NE	0.00
E. Settlements	6,640	8,272	6,491	7,290	7,380	7,386	7,390	7,397	7,405	7,418	11.72
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
G. Harvested wood products	-520	-804	-476	-531	-128	178	400	453	375	267	-151.36
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>5. Waste</b>	<b>507</b>	<b>454</b>	<b>204</b>	<b>226</b>	<b>162</b>	<b>165</b>	<b>197</b>	<b>219</b>	<b>112</b>	<b>111</b>	<b>-78.07</b>
A. Solid waste disposal	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NA,NO	NO,NA	0.00
B. Biological treatment of solid waste											
C. Incineration and open burning of waste	507	454	204	226	162	165	197	219	112	111	-78.07
D. Waste water treatment and discharge											
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>6. Other (as specified in the summary table in CRF)</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>0.00</b>

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
Memo items:											
International bunkers	8,445	9,589	12,001	15,606	15,915	16,512	15,260	13,857	13,525	15,243	80.50
Aviation	4,161	5,674	7,947	8,792	9,014	9,388	9,046	8,971	9,119	9,673	132.49
Navigation	4,284	3,915	4,054	6,813	6,901	7,124	6,214	4,886	4,406	5,570	30.00
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.00
CO <sub>2</sub> emissions from biomass	13,894	16,554	18,665	23,198	42,454	35,608	41,587	43,828	40,727	43,818	215.37
CO <sub>2</sub> captured	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
Long-term storage of C in waste disposal sites	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
Indirect N <sub>2</sub> O											
Indirect CO <sub>2</sub> (3)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
Total CO <sub>2</sub> equivalent emissions without LULUCF	434,968	447,513	466,241	491,570	425,304	412,906	390,325	362,936	347,071	357,199	-17.88
Total CO <sub>2</sub> equivalent emissions with LULUCF	429,383	424,409	448,393	462,220	392,706	385,668	369,634	328,345	311,813	320,136	-25.44
Total CO <sub>2</sub> equivalent emissions, including indirect CO <sub>2</sub> , without LULUCF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00
Total CO <sub>2</sub> equivalent emissions, including indirect CO <sub>2</sub> , with LULUCF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00

CTF Table 1 CH<sub>4</sub> Source and Sink Categories (kt)

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>1. Energy</b>	<b>454</b>	<b>437</b>	<b>403</b>	<b>365</b>	<b>374</b>	<b>335</b>	<b>361</b>	<b>354</b>	<b>331</b>	<b>318</b>	<b>-30.08</b>
A. Fuel combustion (sectoral approach)	100	111	101	92	125	92	119	121	109	119	18.65
1. Energy industries	9	8	7	6	5	5	5	5	5	5	-50.21
2. Manufacturing industries and construction	7	7	6	6	5	7	8	10	11	11	65.04
3. Transport	39	44	33	21	12	11	10	9	9	9	-77.33
4. Other sectors	46	52	55	59	103	69	96	97	84	95	107.10
5. Other	0	0	0	0	0	0	0	0	0	0	-68.59
B. Fugitive emissions from fuels	354	326	303	273	248	243	242	232	222	199	-43.88
1. Solid fuels	5	3	4	4	3	4	3	2	2	2	-60.31
2. Oil and natural gas and other emissions from energy production	349	323	299	270	245	240	239	230	219	197	-43.64
C. CO <sub>2</sub> transport and storage											
<b>2. Industrial Processes and Product Use</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>-67.07</b>

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
A. Mineral industry											
B. Chemical industry	2	3	0	0	0	0	0	0	0	0	-93.19
C. Metal industry	3	3	3	3	2	2	2	2	2	2	-43.44
D. Non-energy products from fuels and solvent use	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	0.00
E. Electronic industry											
F. Product uses as ODS substitutes											
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>3. Agriculture</b>	<b>853</b>	<b>843</b>	<b>822</b>	<b>767</b>	<b>758</b>	<b>752</b>	<b>749</b>	<b>739</b>	<b>729</b>	<b>738</b>	<b>-13.49</b>
A. Enteric fermentation	620	613	606	552	545	545	544	550	546	551	-11.09
B. Manure management	157	150	149	144	140	134	133	122	118	119	-24.32
C. Rice cultivation	75	80	66	70	73	72	72	66	65	67	-10.78
D. Agricultural soils	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.00
E. Prescribed	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00



Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
burning of savannas											
F. Field burning of agricultural residues	1	1	1	1	1	1	1	1	1	1	4.26
G. Liming											
H. Urea application											
I. Other carbon-containing fertilizers											
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>4. Land Use, Land-Use Change and Forestry</b>	<b>61</b>	<b>14</b>	<b>37</b>	<b>14</b>	<b>14</b>	<b>23</b>	<b>48</b>	<b>7</b>	<b>13</b>	<b>12</b>	<b>-81.01</b>
A. Forest land	33	7	21	7	5	9	25	5	7	7	-77.38
B. Cropland	0	0	0	0	0	0	0	0	0	0	-55.74
C. Grassland	27	7	16	7	9	14	23	3	6	4	-85.62
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
G. Harvested wood products											
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>5. Waste</b>	<b>857</b>	<b>802</b>	<b>895</b>	<b>904</b>	<b>813</b>	<b>788</b>	<b>790</b>	<b>719</b>	<b>707</b>	<b>671</b>	<b>-21.70</b>
A. Solid waste disposal	726	677	776	787	701	678	680	612	600	565	-22.28
B. Biological treatment of solid waste	0	0	2	4	5	5	5	5	5	5	2494.26
C. Incineration and open burning of waste	2	2	2	2	2	2	2	2	2	2	16.25
D. Waste water treatment and discharge	129	122	115	111	106	103	103	100	100	100	-22.68
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>6. Other (as specified in the summary table in CRF)</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>Total CH<sub>4</sub> emissions without CH<sub>4</sub> from LULUCF</b>	2,170	2,088	2,123	2,039	1,948	1,879	1,902	1,814	1,769	1,728	-20.33
<b>Total CH<sub>4</sub> emissions with CH<sub>4</sub> from LULUCF</b>	2,230	2,102	2,160	2,053	1,962	1,901	1,951	1,822	1,782	1,740	-21.99
<b>Memo items:</b>											

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>International bunkers</b>	<b>0.5</b>	<b>0.4</b>	<b>0.5</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>0.6</b>	<b>0.5</b>	<b>0.7</b>	<b>44.62</b>
Aviation	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	164.41
Navigation	0.4	0.4	0.4	0.6	0.7	0.7	0.6	0.5	0.4	0.5	30.04
<b>Multilateral operations</b>	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.00
<b>CO<sub>2</sub> emissions from biomass</b>											
<b>CO<sub>2</sub> captured</b>											
<b>Long-term storage of C in waste disposal sites</b>											
<b>Indirect N<sub>2</sub>O</b>											
<b>Indirect CO<sub>2</sub> (3)</b>											

CTF Table 1 N<sub>2</sub>O Source and Sink Categories (kt)

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>1. Energy</b>	<b>15</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>0.34</b>
A. Fuel combustion (sectoral approach)	15	18	18	18	18	16	16	16	15	15	0.38
1. Energy industries	2	2	2	2	2	2	2	2	2	2	-7.49
2. Manufacturing industries and construction	4	4	4	5	4	3	3	3	3	3	-40.90
3. Transport	3	6	5	4	3	3	3	3	3	3	-3.06
4. Other sectors	6	6	7	7	9	7	8	8	8	8	39.03
5. Other	0.23	0.21	0.14	0.29	0.13	0.10	0.09	0.13	0.08	0.06	-73.70
B. Fugitive emissions from fuels	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	-17.31
1. Solid fuels	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00
2. Oil and natural gas and other emissions from energy production	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	-17.31
C. CO <sub>2</sub> transport and storage											

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
<b>2. Industrial Processes and Product Use</b>	<b>24</b>	<b>26</b>	<b>29</b>	<b>28</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>-91.49</b>
A. Mineral industry											
B. Chemical industry	22	23	26	25	2	0.95	0.76	0.74	0.38	0.49	-97.73
C. Metal industry	NA	NA	NA	NO	NO	NO	NO	NO	NO	NO	0.00
D. Non-energy products from fuels and solvent use	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	0.00
E. Electronic industry											
F. Product uses as ODS substitutes											
G. Other product manufacture and use	3	2	3	3	2	2	2	2	2	2	-40.19
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>3. Agriculture</b>	<b>46</b>	<b>47</b>	<b>46</b>	<b>44</b>	<b>38</b>	<b>39</b>	<b>41</b>	<b>38</b>	<b>37</b>	<b>37</b>	<b>-19.86</b>
A. Enteric fermentation											
B. Manure management	10	9	9	8	8	8	8	7	7	7	-26.89

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
C. Rice cultivation											
D. Agricultural soils	37	38	38	35	30	31	33	31	30	30	-18.01
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
F. Field burning of agricultural residues	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	7.69
G. Liming											
H. Urea application											
I. Other carbon-containing fertilizers											
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>4. Land Use, Land-Use Change and Forestry</b>	<b>2.72</b>	<b>2.72</b>	<b>2.25</b>	<b>2.04</b>	<b>2.13</b>	<b>2.24</b>	<b>2.53</b>	<b>1.86</b>	<b>1.96</b>	<b>1.87</b>	<b>-31.50</b>
A. Forest land	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	-77.38
B. Cropland	0.16	0.25	0.10	0.10	0.10	0.08	0.06	0.05	0.02	0.00	-98.10
C. Grassland	0.86	0.23	0.50	0.22	0.30	0.42	0.73	0.08	0.20	0.12	-85.62
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
E. Settlements	1.70	2.25	1.65	1.72	1.74	1.74	1.74	1.74	1.74	1.74	2.46
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
G. Harvested wood products											
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>5. Waste</b>	<b>4.44</b>	<b>4.41</b>	<b>5.16</b>	<b>5.86</b>	<b>6.27</b>	<b>6.16</b>	<b>6.21</b>	<b>6.32</b>	<b>6.53</b>	<b>6.35</b>	<b>42.96</b>
A. Solid waste disposal											
B. Biological treatment of solid waste	0.07	0.16	0.68	1.33	1.69	1.72	1.72	1.80	1.95	1.75	2467.40
C. Incineration and open burning of waste	0.12	0.12	0.09	0.09	0.08	0.08	0.08	0.08	0.07	0.07	-42.11
D. Waste water treatment and discharge	4.25	4.14	4.40	4.44	4.51	4.36	4.41	4.45	4.52	4.53	6.53
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	0.00
<b>6. Other (as specified in the summary table in CRF)</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>0.00</b>
<b>Total direct N<sub>2</sub>O emissions without N<sub>2</sub>O</b>	<b>90</b>	<b>95</b>	<b>98</b>	<b>95</b>	<b>66</b>	<b>64</b>	<b>66</b>	<b>63</b>	<b>61</b>	<b>61</b>	<b>-32.45</b>

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015
	kt										%
from LULUCF											
Total direct N <sub>2</sub> O emissions with N <sub>2</sub> O from LULUCF	93	98	101	97	68	66	68	64	63	63	-32.43
Memo items:											
International bunkers	0.23	0.27	0.35	0.40	0.42	0.43	0.40	0.36	0.36	0.40	73.68
Aviation	0.12	0.17	0.25	0.23	0.24	0.25	0.24	0.24	0.25	0.26	112.84
Navigation	0.11	0.10	0.10	0.17	0.17	0.18	0.16	0.12	0.11	0.14	30.04
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.00
CO <sub>2</sub> emissions from biomass											
CO <sub>2</sub> captured											
Long-term storage of C in waste disposal sites											
Indirect N <sub>2</sub> O	10	9	7	6	5	5	4	4	4	4	-62.26
Indirect CO <sub>2</sub> (3)											



CTF Table 1 Emissions of HFCs, PFCs, SF<sub>6</sub>, NF<sub>3</sub> (kt CO<sub>2</sub> eq)

Greenhouse gas source and sink categories	1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	Change 1990-2015 %
Emissions of HFCs and PFCs - (kt CO <sub>2</sub> eq.)	3,351	2,312	3,593	8,000	11,102	11,816	12,186	13,089	13,492	13,953	316.39
Emissions of HFCs - (kt CO <sub>2</sub> eq.)	444	820	2,105	6,060	9,581	10,154	10,687	11,383	11,928	12,264	2,662.21
HFC-23	0.03	0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-67.18
HFC-32	NA,NO	NA,NO	0.02	0.09	0.18	0.20	0.22	0.25	0.27	0.29	100.00
HFC-41	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-43-10mee	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-125	NO,NA	0.01	0.10	0.47	0.86	0.93	1.00	1.07	1.13	1.18	100.00
HFC-134	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-134a	NA,NO	0.20	0.86	1.45	1.72	1.74	1.74	1.87	1.89	1.92	100.00
HFC-143	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-143a	NO,NA	0.01	0.10	0.44	0.77	0.82	0.88	0.93	0.98	1.01	100.00
HFC-152	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-152a	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-161	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-227ea	NO,NA	NO,NA	0.01	0.03	0.06	0.06	0.07	0.07	0.07	0.08	100.00

HFC-236cb	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-236ea	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-236fa	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-245ca	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
HFC-245fa	NA,NO	NA,NO	NA,NO	0.14	0.23	0.25	0.27	0.29	0.31	0.30	100.00
HFC-365mfc	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
Unspecified mix of HFCs - (kt CO <sub>2</sub> eq.)	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
<b>Emissions of PFCs - (kt CO<sub>2</sub> eq.)</b>	<b>2,907</b>	<b>1,492</b>	<b>1,488</b>	<b>1,940</b>	<b>1,520</b>	<b>1,661</b>	<b>1,499</b>	<b>1,705</b>	<b>1,564</b>	<b>1,688</b>	<b>-41.92</b>
CF <sub>4</sub>	0.32	0.18	0.18	0.24	0.20	0.22	0.20	0.23	0.20	0.22	-29.88
C <sub>2</sub> F <sub>6</sub>	0.05	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-96.16
C <sub>3</sub> F <sub>8</sub>	NA,NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
C <sub>4</sub> F <sub>10</sub>	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
c-C <sub>4</sub> F <sub>8</sub>	NA,NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
C <sub>5</sub> F <sub>12</sub>	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
C <sub>6</sub> F <sub>14</sub>	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
C10F18	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
c-C3F6	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NA,NO	NO,NA	0.00
Unspecified mix of PFCs - (kt CO <sub>2</sub> eq.)	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	NO,NE,NA	0.00

<b>Emissions of SF<sub>6</sub> - (Gg CO<sub>2</sub> eq.)</b>	<b>408</b>	<b>679</b>	<b>603</b>	<b>547</b>	<b>391</b>	<b>438</b>	<b>442</b>	<b>418</b>	<b>356</b>	<b>430</b>	<b>5.48</b>
SF <sub>6</sub>	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.48
<b>Emissions of NF<sub>3</sub> - (kt CO<sub>2</sub> eq.)</b>	<b>NA,NO</b>	<b>77</b>	<b>13</b>	<b>33</b>	<b>20</b>	<b>28</b>	<b>25</b>	<b>26</b>	<b>28</b>	<b>28</b>	<b>100.00</b>
NF <sub>3</sub>	NA,NO	0.004	0.001	0.002	0.001	0.002	0.001	0.001	0.002	0.002	100.00

### 3. Quantified Economy-wide Emission Reduction Target (QEERT)<sup>4</sup>

#### 3.1 Italy's quantified economy-wide emission reduction target

In 2010, the EU submitted a pledge to reduce its GHG emissions by 2020 by 20 % compared to 1990 levels. This is documented in the UNFCCC document FCCC/SB/2011/INF.1/Rev.1 of 7 June 2011. In the EU submission to the UNFCCC from 20 March 2012 (FCCC/AWGLCA/2012/MISC.1) the EU target is further explained. As this target under the convention has only been submitted by EU-28 and not by each of its Member States (MS), there are no specified convention targets for single MS. Due to this, Italy as part of the EU-28, takes on a quantified economy-wide emission reduction target jointly with all Member States.

**CTF Table 2 (a) Description of quantified economy-wide emission reduction target: base year**

Party	Italy	
Base year /base period	1990	
Emission reduction target	% of base year/base period	% of 1990 20.00
Period for reaching target	BY-2020	

With the 2020 climate and energy package the EU has set internal rules which underpin the implementation of the target under the Convention. The 2020 climate and energy package introduced a clear approach to achieving the 20% reduction of total GHG emissions from 1990 levels. This reduction objective is divided between two sub-targets, equivalent to a split of the reduction effort between ETS and non-ETS sectors.

Legally binding target trajectories for the period 2013-2020 are enshrined in both the EU-ETS Directive (Directive 2003/87/EC and respective amendments) and the Effort Sharing Decision (Decision No 406/2009/EC). These legally binding trajectories not only result in a 20% GHG reduction in 2020 compared to 1990 but also define the national annual target pathway to reduce EU GHG emissions from 2013 to 2020. The Effort Sharing Decision sets annual national emission targets for all Member States for the period 2013-2020 for those sectors not covered by the EU emissions trading system (ETS), expressed as percentage changes from 2005 levels. In March 2013, the EU Commission formally adopted the national annual limits throughout the period for each Member State. By 2020, the national targets will collectively deliver a reduction of around 10% in total EU emissions from the sectors covered compared with 2005 levels. The emission reduction to be achieved from the sectors covered by the EU ETS will be 21% below 2005 emission levels. The emission reduction to be achieved from the sectors covered by the EU ETS will be 21% below 2005 emission levels. Starting from 2012 aviation is in the scope of the EU-ETS: in principle, the EU ETS should cover CO<sub>2</sub> emissions of all flights arriving at, and departing from, airports in all EU Member States, Norway, Iceland and Liechtenstein and closely related territories. However, since 2012, flights to and from aerodromes from other countries have not been included in the EU ETS. This exclusion was taken in order to facilitate negotiation of a global agreement to address aviation emissions in the forum of the International Civil Aviation Organisation (ICAO). The EU has decided on a reduced scope in the 2013–2016 period (Regulation (EU) No 421/2014 of the European Parliament and of the Council of 16 April 2014)

In Table 2(b) below gases and sectors covered for the emission reduction are reported; the target covers the gases CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs and SF<sub>6</sub>. The global warming potential values considered are those reported in the 4thAR of the IPCC as adopted in the UNFCCC reporting guidelines for national GHG inventories of Annex I Parties and as adopted under the EU Monitoring Mechanism Regulation (see Table 2(c)).

<sup>4</sup> Authors: Chiara Arcarese, Riccardo De Lauretis

The EU Convention pledge does not include emissions/removals from Land Use, Land-Use Change and Forestry, but it is estimated, for Italy, to be a net sink over the relevant period. The emission inventory also includes information on emissions and removals from LULUCF in accordance with relevant reporting commitments under the UNFCCC. Accounting for LULUCF activities only takes place under the Kyoto Protocol.

**CTF Table 2(b) Description of quantified economy-wide emission reduction target: gases and sectors covered**

Gases covered		Base year for each gas (year):
CO <sub>2</sub>		1990
CH <sub>4</sub>		1990
N <sub>2</sub> O		1990
HFCs		1990
PFCs		1990
SF <sub>6</sub>		1990
NF <sub>3</sub>		
Other Gases (specify)		
Sectors covered	Energy	Yes
	Transport <sup>b</sup>	Yes
	Industrial processes <sup>c</sup>	Yes
	Agriculture	Yes
	LULUCF	No
	Waste	Yes
	Other Sectors (specify)	

*Notes*

Abbreviations: LULUCF = land use, land-use change and forestry.

a Still to be decided.

b Transport is reported as a subsector of the energy sector.

c Industrial processes refer to the industrial processes and solvent and other product use sectors.

**CTF Table 2(c) Description of quantified economy-wide emission reduction target: global warming potential values (GWP)**

Gases	GWP values
CO <sub>2</sub>	4th AR
CH <sub>4</sub>	4th AR
N <sub>2</sub> O	4th AR
HFCs	4th AR
PFCs	4th AR
SF <sub>6</sub>	4th AR
NF <sub>3</sub>	4th AR
Other Gases (specify)	

*Notes*

Abbreviations: GWP = global warming potential

**CTF Table 2(d) – Description of quantified economy-wide emission reduction target: approach to counting emissions and removals from the LULUCF sector**

<b>Role of LULUCF</b>	LULUCF in base year level and target	Excluded
	Contribution of LULUCF is calculated using	

The Climate and Energy Package allows Certified Emission Reductions (CERs) and Emission Reduction Units (ERUs) to be used for compliance purposes, subject to a number of restrictions in terms of origin and type of project and up to an established limit. In addition, the legislation foresees the possible recognition of units from new market mechanisms. Under the EU ETS the limit is up to 50% of the required reduction below 2005 levels. In the sectors not covered by the ETS, annual use shall not exceed to 3% of each Member States' non-ETS greenhouse gas emissions in 2005. A limited number of Member States, including Italy, may use an additional 1%, from projects in LDCs or SIDS subject to conditions. The use of these units under the ETS Directive and the Effort Sharing Decision is subject to the limits specified above which do not separate between CERs and ERUs, but include additional criteria for the use of CERs. The overall amount of CERs units originated in the second commitment period actually held in national accounts and possibly available for compliance is reported in the Table below.

The assigned amount of Italy for the second commitment period has been determined and amount to 2,410,291,421 t CO<sub>2</sub>eq, while AAUs for the period 2013-2020 have not yet been issued. The EU expects to achieve its 20% target for the period 2013-2020 with the implementation of the ETS Directive and the ESD Decision for the non-ETS sectors, which do not allow the use of AAUs from non-EU Parties. Italy does not plan to acquire AAUs for compliance purpose to achieve its target.

The time-period of the Convention target is from 1990-2020. There are general provisions in place in the EU legislation that allow for the use of units from other mechanisms under the convention, provided that the necessary legal arrangements for the creation of such units have been put in place in the EU, which is not the case at the point in time of the provision of this report. The overall amount of units carried over from the first commitment period is reported in the Table.

In December 2009, the European Council reiterated the conditional offer of the EU to move to a 30% reduction by 2020 compared to 1990 levels as part of a global and comprehensive agreement for the period beyond 2012, provided that other developed countries commit themselves to comparable emission reductions and that developing countries contribute adequately according to their responsibilities and respective capabilities.

**CTF Table 2(e)I Description of quantified economy-wide emission reduction target: market-based mechanisms under the Convention**

<b><i>Market-based mechanisms</i></b>	<b><i>Possible scale of contributions</i></b>
<b><i>under the Convention</i></b>	<b><i>(estimated kt CO<sub>2</sub> eq)</i></b>
CERs	1,097,695
ERUs	
AAUs <sup>i</sup>	795,601
Carry-over units <sup>j</sup>	1,677,549
Other mechanism units under the Convention (specify) <sup>d</sup>	

**Notes**

Abbreviations: AAU = assigned amount unit, CER = certified emission reduction, ERU = emission reduction unit.

d As indicated in paragraph 5(e) of the guidelines contained in annex I of decision 2/CP.17 .

i AAUs issued to or purchased by a Party.

j Units carried over from the first to the second commitment periods of the Kyoto Protocol, as described in decision 13/CMP.1 and consistent with decision XX/CMP.8.

Regarding CTF Table 2(e)II there are general provisions in place in the EU legislation that allow for the use of such units. The necessary legal arrangements for the creation of such units have been put in place in the EU which is not the case at the point in time of the provision of this report.

**CTF Table 2(e)II Description of quantified economy-wide emission reduction target:  
other market-based Mechanisms**

Other market-based mechanisms	Possible scale of contributions
(Specify)	(estimated kt CO <sub>2</sub> eq)

## 4. Progress in achievement of QEERT<sup>5</sup>

### 4.1 National decision-making process related to climate change policies

The Ministry of the Environment, Land and Sea (IMELS) is responsible for elaborating the national plan for GHG emissions reduction to be proposed for adoption to the Inter-Ministerial Committee for Economic Planning - CIPE (see paragraph 2.2.1).

The financial support and legislative instruments to implement the plan are identified through the Financial Law and are allocated to the central and local bodies on the basis of the respective competences.

Law N. 79/2016, the Ratification of the Doha amendment to the Kyoto Protocol", establishes under its article 5 and according to article 12 of 525/2013/EU (the Monitoring Mechanism Regulation), the National system for policies, measures and emissions projections. The National Institute for Environmental Protection and Research (ISPRA) is responsible of the system and, in cooperation with IMELS, collects all the information and data from the competent Ministries. Article 1 of the Decree implementing law N. 79 (9th December 2016), reports the list of information and data that are to be sent by the competent ministries to IMELS and ISPRA and also the timing for providing such information.

### Monitoring and evaluation of progress with climate policies and measures

According with law No 79 (article 6), IMELS ensures the collection of information related to GHG emissions and other information concerning climate changes. IMELS also updates the document on the state of implementation of commitments to reduce GHG emissions, through an annex to the Financial Law.

The monitoring and evaluation of progress on policies and measures to cut greenhouse emissions are also reported in the documents submitted, every two year; by Member States to the European Commission under the Monitoring Mechanism Regulation<sup>6</sup>.

Moreover, the Manager for Energy Services (GSE) sends to the European Commission the "Progress Report Under Art. 22 of the 2009/28/EU Directive") every two years, where an ex post assessments of the most relevant national measures related to renewable energy use and energy efficiency are reported. The document is available at the following address : <https://ec.europa.eu/energy/en/topics/renewable-energy/progress-reports><sup>8</sup>.

### Action taken and planned to achieve Italy's QEERT

This chapter describes policies and measures which contribute to reduce the greenhouse gases emissions in Italy. In the chapter are included EU, national and local policies. The potential emissions reduction has been assessed up to 2030. The policies and measures hereinafter described are divided into two types:

- Measures implemented up to the end of 2014 and minimal efficiency standards for buildings adopted in 2015;
- Measures planned at 31<sup>st</sup> May 2017. The measures envisaged as planned are consistent with the ones reported in the 2017 National Energy Strategy (SEN 2017) <sup>9</sup>, but the assessment of impacts in terms of expected reductions is not yet available for all policies and measures. For this reason a With Additional Measures (WAM) scenario has not been performed.

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<sup>5</sup> Authors: Monica Pantaleoni, Marina Vitullo

<sup>6</sup> <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32013R0525>

<sup>7</sup> In the 2015 submission, please find the folder "[Member State progress reports translated into English](#)" and then, inside the folder, the file "Report 2015 Italy-EN".

<sup>8</sup> In the 2015 submission, please find the folder "[Member State progress reports translated into English](#)" and then, inside the folder, the file "Report 2015 Italy-EN".

<sup>9</sup> <http://www.sviluppoeconomico.gov.it/index.php/it/energia/strategia-energetica-nazionale>



## EU policies

The 8th and 9th March 2007 conclusion of the European Council named “Integrated Energy and Climate Change Package” (IECCP) committed the European Member States to achieve by 2020 the following targets:

- 20% reduction of EU GHG emissions compared to 1990. This reduction could be raised to 30% with a global agreement for the period post 2012.
- 20% reduction in energy use to be achieved by improving energy efficiency.
- 20% use of renewable energy
- 10% use of biofuels in the transport sector.

This comprehensive set of legislation acts, also known as the ‘Climate and Energy package’ or “20/20/20 package”, was agreed at EU level to reach those objectives and is being implemented. The most relevant European legislation acts are:

- *Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing directive 2001/77/EC and 2003/30/EC*: this Directive also subdivides the 20% renewable target between the EU Member States. According to that, by 2020 the 17% of the national final energy consumption of Italy should come from renewable sources.
- *Directive 2009/29/EC of the European Parliament and of the Council of 23 April 2009 amending Directive 2003/87/EC so as to improve and extend the greenhouse gas emission allowance trading scheme of the community*: this Directive revises and strengthens the EU Emissions Trading Scheme (EU ETS) already in place since 2005, which commits to an overall EU reduction of 21% of emissions compared to 2005 levels from the industrial sector.
- *Decision n. 406/2009/EC of the European Parliament and of the Council of 23 April 2009 on the effort of Member States to reduce their greenhouse gas emissions to meet the Community's greenhouse gas emission reduction commitments up to 2020 (ESD)*: by 2020 Italy shall reduce the GHG emissions by 13% compared to 2005 levels, in all the sectors not covered by the EU ETS, such as transport, civil, agriculture and waste sectors.
- *Directive 2012/27/EC of the European Parliament and of the Council of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC*: this Directive establishes a common framework of measures for the promotion of energy efficiency within the Union in order to ensure the achievement of the Union's 2020 20 % headline target on energy efficiency and to pave the way for further energy efficiency improvements beyond that date.

On the 12<sup>th</sup> December 2015, UNFCCC Decision 1/CP.21 adopted the Paris Agreement, a new international agreement aimed at reducing GHG emissions with a view of “*holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change*” (Article 2.a, Paris Agreement).

Decision 1/CP.21 also welcomes the submission of Intended Nationally Determined Contributions (INDCs). The European Union submitted an INDC committing its Member States to reduce its overall GHG emissions by at least 40% by 2030, compared to 1990 levels. The EU INDC, which was translated into a NDC following the ratification and entry into force of the Paris Agreement, is in line with the so called “2030 EU Climate and Energy Framework” defined in October 2014. The new Framework contains the following binding targets to be reached by 2030:

- at least 40% reduction in GHG emissions compared to 1990 (-43% and -30% by 2030, compared to 2005 levels, for EU ETS sectors and ESD sectors, respectively);
- at least 27% of energy consumption from renewable sources;
- at least 27% of energy efficiency improvements<sup>10</sup>.

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<sup>10</sup> [https://ec.europa.eu/clima/policies/strategies/2030\\_en](https://ec.europa.eu/clima/policies/strategies/2030_en)

To monitor progress and assess compliance towards the targets starting from year 2013 national emissions and projections have been divided in two main sectors: EU ETS and all other sectors (non-ETS):

- ETS sector: Its application started with a first 'pilot' phase as of 2005 to 2007, the so called first period. For the second period, 2008-2012, the EU single wide cap is determined according to a linear reduction path arriving at a reduction of 21% below reported 2005 emissions in 2020. The starting point of such path is the mid-point of the 2008-12 period, while the starting level is the average annual total quantity of allowances issued by Member States pursuant to Commission Decisions on Member States' national allocation plans. This path set implies a decrease of the EU wide cap of 1.74% annually. For the third trading period (2013-2020) the ETS reduction is applied uniformly throughout the EU with a declining EU wide emissions cap which decreases annually by 2.2% up to 2030. Operators subject to ETS will acquire the emission allowances on the market, through dedicated auctions, an assessment of emissions of operators subject to ETS at national level will be possible ex post. The legislative act implementing such a revision is expected to be agreed by the end of 2017.
- Non ETS sector : Italy is committed to reduce its greenhouse gas emissions in the non ETS sector of 13% by 2020 with respect to 2005 level under "Decision n. 406/2009/EC of the European Parliament and of the Council of 23th April 2009 on the effort of Member States to reduce their greenhouse gas emissions to meet the Community's greenhouse gas emission reduction commitments up to 2020", the so-called "Effort Sharing Decision" (ESD). On the 20<sup>th</sup> July 2016 the European Commission presented an Effort Sharing Regulation, as a follow-up of the previous EU Effort Sharing Decision (ESD): under the ESR proposal Italy is assigned a 33% emission reduction target in non-ETS sectors to be achieved by 2030 compared to 2005 levels. The legislative act is now in the last phase of negotiation between the EU institutions. The emissions from LULUCF sector are excluded from the accounting.

### **Cross Cutting policies**

#### **National Action Plan for Renewable Energy 2010 and Legislative decree 28/2011**

In January 2007, the Commission published a Renewable Energy Roadmap outlining a long-term strategy and in 2009 the EU adopted Directive 2009/28/EC aiming at increasing the average renewable share across the EU to 20% by 2020. Such sets mandatory national targets for the overall share of energy from renewable sources in gross final consumption of energy: the national target for Italy is 17%. EU countries are free to decide their own preferred 'mix' of renewable sources, allowing them to take account of their different potentials. They had to present National Action Plans (NAPs) based on indicative trajectories to the European Commission by 30 June 2010, followed by progress reports to be submitted every two years. The objective expressed in the form of a share of energy from renewable sources relative to total consumption in transport, electricity and heating and cooling in 2020 also takes into account the effects of other policy measures addressing energy efficiency.

The Directive 2009/28/EU has been transposed by the Legislative Decree N. 28 of 3rd March 2011. The decree defines the mechanisms, the incentives and the institutional, financial and legal tools necessary to achieve the 2020 targets regarding the renewable energy use. The decree also provides for a substantial reorganization of existing incentive schemes, in particular in the field of green certificates and white certificates system, both described below.

#### **Decree 28th December 2012 - Conto Termico ("Thermal Account")**

The 28<sup>th</sup> December 2012 decree, the so called "Conto Termico" decree, implements the incentive scheme introduced by Legislative Decree 28/2011; in particular, it encourages small-scale energy efficiency

measures in public sector buildings and the production of thermal energy from renewable sources (in both public and private sectors).

The measures covered by the decree are: building shells, replacement of heating plants with more efficient ones and replacement or installation of equipment using renewable energy.

The incentives are identified based on the energy saving achievable for the building and on energy production from renewable sources.

At the beginning of 2016, a revision of the the new Thermal Account has been introduced. The new legislation is now fully complementary to the Tax deductions (described below). In addition to the introduction of new energy efficiency measures, the scope of eligible subjects has been expanded and the size of eligible plants has been increased. In addition, the direct access procedure was simplified and the incentive disbursement period decreased and the one-off payment limit increased. First results show more success than the first Thermal Account.

### **Directive 2012/27/EC – Energy Efficiency and Legislative Decree 102/2014**

The Directive 2012/27/UE establishes a common framework for the promotion of energy efficiency, without setting mandatory targets but at the same time pointing out measures in the areas of energy-supply and energy end-use.

The most relevant directive articles are the ones related to the renovation of buildings in the public sector, the metering and accounting of energy efficiency, the promotion of heating and cooling (the impact on thermal generation), processing, transmission and distribution of energy.

The Directive 2012/72/EU has been transposed by the Legislative Decree N. 102/2014. Articles 5 and 6 of the decree envisage that from 2014 to 2020 measures should be undertaken to redevelop the buildings of central administration. The decree establishes a “New fund for Energy Efficiency”. This fund will grant loans with subsidized rates to public and private entities to implement energy efficiency measures.

Moreover, in July 2014 an energy efficiency plan “PAEE 2014 - Piano di Azione per l’Efficienza Energetica”<sup>11</sup> has been approved by the Government. The PAEE reports the national energy efficiency objectives and all the measures put in place to achieve them. In particular, the plan proposes to strengthen the measures already implemented (in particular the “White Certificates”). The plan is available online: [https://ec.europa.eu/energy/sites/ener/files/documents/2014\\_neeap\\_it\\_italy.pdf](https://ec.europa.eu/energy/sites/ener/files/documents/2014_neeap_it_italy.pdf).

### **The White Certificates system**

The White Certificates or Energy Efficiency Titles (EETs) system represents a cross cutting policy aimed at promoting energy efficiency and delivering emissions reductions in all end-use energy sectors: industrial, residential, tertiary. The system was firstly introduced in July 2001 by means of two ministerial decrees. The history of this measure was described in detail in paragraph 4.3 of the 5NC. The system introduces and enforces energy saving targets for electricity and natural gas distributors.

In December 2012, the so called “White Certificate Decree” was issued, concerning the determination of national quantitative targets of energy savings that must be pursued by distribution companies for electricity and gas from 2013 to 2016, and the expansion of the White Certificates mechanism. The decree also defines the criteria, the conditions and the procedures to implement energy efficiency

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<sup>11</sup> [https://ec.europa.eu/energy/sites/ener/files/documents/2014\\_neeap\\_it\\_italy.pdf](https://ec.europa.eu/energy/sites/ener/files/documents/2014_neeap_it_italy.pdf)

measures in end-use energy and transfers competences to the GSE from 2013 concerning the management, assessment and certification of energy saving projects carried out under white certificates.

**Table 4.1 - National target for primary energy savings**

REVISED TARGET FOR THE ITALIAN WHITE CERTIFICATE SYSTEM 2013-2016		
(Mtoe/Year)		
Year	Electricity distributors	Gas distributors
2013	3.03	2.48
2014	3.71	3.04
2015	4.26	3.49
2016	5.23	4.28

The certification of energy savings produced by each project is made via the issue of Energy Efficiency Titles (EETs). 1 EET is equivalent to 1 Mtoe of energy savings.

The eligible projects are: re-phasing of electric systems, electric motors and their applications, lighting systems, reduction of electricity leaking, switching from electricity to other fuels when this produces primary energy savings, reduction of electricity consumption for heating purposes, reduction of electricity consumption for air conditioning, high efficient electric appliances, high efficient office equipment, switching from other fuels to electricity when this produces primary energy savings, reduction of primary energy consumption in industrial processes, reduction of primary energy consumption for heating, ventilation and air conditioning system, promotion of end-use technologies fuelled by renewable sources, electric and gas-fuelled vehicles, information campaigns to raise awareness and promote energy savings.

A further extension of the White Certificates system objective until 2030 is foreseeable because the decree 102/2014 highlights that White Certificates are the relevant measure to achieve the energy efficiency target. This extension has been considered as a planned measure.

#### Ecodesign of energy-using products

The directive 2005/32/CE has established the first ecodesign requirements for energy-using products. This directive has been transposed into the national legal system with the legislative decree 201/2007. In the 2009 the Energy-related-Products Directive 2009/125 / EC - ErP –has amended the Directive 2005/32 / EC and through specific implementing regulations has set a framework related to the eco-design requirements for all products that use energy, except for those destined for the transport sector. This is the first directive that covers the entire life cycle of the product

#### Structural funds 2007-2013

This policy has been described in detail in the 5NC (see paragraph 4.3 and, in particular, table 4.3). Measures foresee a EU contribution in investments focused on the improvement of energy efficiency, the development of renewable energies and the improvement of transport networks and waste management. Although financial resources were exhausted, the effects of such funds are still in place.

## **Policies in Energy Sectors**

### **Renewable energy sources**

In Italy, the electricity production by renewable use has registered a sizeable increase in the period 2010-2013, growing from about 76.9 to 108.9 GWh.

This growth was driven by the financial incentives in the form of feed-in-tariffs, in particular for photovoltaic production. The incentive for photovoltaic production has now been greatly reduced and increase rate in production is now much lower. Feed-in-tariffs are still operative for new biogas production.

The thermal renewable sources have a relevant role in achieving the IECCP targets, as well. Heat consumption represents the largest share of our energy consumption, both in the civil and industrial sectors (approximately 45% of total final consumption). Thermal renewable sources are generally more efficient and less expensive than the electric ones, either in terms of cost per tonne of CO<sub>2</sub> avoided or cost per kWh of final energy produced, involving the significant benefits of saving fossil fuels for the final consumer (e.g. through biomass heating) and for the country as a whole (by reducing imports).

The development of renewable thermal energy use over the past five years has occurred in line with the objectives (5.4 Mtoe in 2010) and was driven by measures regarding energy efficiency, tax deductions or white certificates.

The most relevant measures implemented and planned to achieve the renewable target are reported below.

### **The Green Certificates system**

Green Certificates (GCs) are tradable instruments that GSE grants to qualified renewable-energy power plants (IAFR qualification) which have been commissioned before 31 December 2012 as per Legislative Decree 28/2011.

The number of certificates issued is proportional to the electricity generated by the plant/system and varies depending on the type of renewable source used and of project (new, reactivated, upgraded, renovated system/plant).

The Green Certificates support scheme is based on the legislation which requires producers and importers of non-renewable electricity to inject a minimum quota of renewable electricity into the power system every year.

Green Certificates represent proof of compliance with the renewable quota obligation: each Green Certificate is conventionally worth 1 MWh of renewable electricity. Green Certificates are valid for three years: those issued in respect of electricity generation in a given year (reference year) may be used towards compliance with the obligation also in the following two years. To fulfill their obligation, producers and importers may inject renewable electricity into the grid or purchase an equivalent number of Green Certificates from green electricity producers.

Paragraph 5 of Article 22 of Legislative Decree 28/2011 declares the end of the Green Certificates incentive mechanism, which was replaced starting from 1<sup>st</sup> January 2016 by other supporting mechanisms outlined below.

### The All-Inclusive Feed-in tariff

The All-Inclusive Feed-in tariff is a support system based on granting a fixed charge to renewable energy installations in the energy function electric grid (feed in tariff). This rate is applicable only to facilities of less than 1 MW (200 kW for wind) of power and includes both an incentive (differentiated by technology) and the remuneration for the energy fed into the grid. The rate is all-encompassing and is recognized for a variable period depending by technology. This system has been replaced all other incentives schemes for small installations.

### Ministerial Decree of 6th July 2012

Through Ministerial Decree of 6<sup>th</sup> July 2012, changes were made to the incentives for electrical renewable energy (excluding photovoltaic). In particular, new plants starting from 1<sup>st</sup> January 2013 are no longer subject to the "Green Certificates" and the "All-Inclusive Feed-in" tariffs, which were replaced by a new scheme, less expensive for end-users, people and companies. The main changes introduced by the decree concern the way of access to incentives, that are now divided into three parts depending on type and power of plants:

- Direct access to incentives: for new or fully reconstructed or restarted plants below a threshold level; the system is very similar to current "all inclusive" tariff;
- Register enrolment: for new or fully reconstructed or restarted plants that have power greater than the "Direct access" level but lesser than the auction level;
- Auction: for new or fully reconstructed or restarted plants with power greater than a certain threshold value.

In the following table, the threshold for the access to the different incentives divided by type of renewable energy sources are reported:

**Table 4.2– Ministerial Decree of 6th July 2012 - Incentives scheme**

Source	Direct access	Register	Auction
Wind - on shore	1-≤60kW	>60kW-≤5MW	>5MW
Wind - offshore	1-≤60kW		>5W
Hydroelectric	1-≤50kW	>50kW-≤10MW	>10MW
Hydroelectric (art.4, c. 3, b)	1-≤250kW	>250kW-≤10MW	>10MW
Oceanic (sea waves)	1-≤60kW	>60kW-≤5MW	
Geothermal	1kW-≤20MW		>20MW
Geothermal (art.4, c. 3, f)	1kW-≤5MW		
Biomass (art.8,c. 4, a) e b)	1-≤200kW	>200kW-≤5MW	>5MW
Biomass (art.8, c. 4, c) e d) from waste water treatment sludge, biogas and bioliquid		1kW- ≤5MW	>5MW
Biogas	1-≤100kW	>100kW-≤5MW	>5MW

Source: FIRE – Federazione Italiana per l'uso Razionale dell'Energia

The Decree also covers the procedures under which plants already in service and supported under the Ministerial Decree of 18 Dec. 2008 shall pass from the green certificates scheme to the new support schemes in 2016.

A further decree dated 23rd June 2016 establishes new procedures for supporting electricity generation by RES-E plants (other than photovoltaic ones) with a capacity of at least 1 kW. The incentives covered

by the Decree apply to new, totally rebuilt, reactivated, repowered/upgraded or renovated plants which will be commissioned on or after 1 January 2013.

#### The “Conto Energia” (Energy Account) – Feed-in scheme

The “Conto Energia” is a support system that provides constant support to electricity produced by solar photovoltaic and thermodynamic, for a fixed period (20 years for photovoltaic systems, solar systems and 25 years for thermodynamic) through a tariff for all energy produced by the plants (feed in premium). The system has exhausted the available financial allowances in mid-2013.

**Table 4.3- Summary of implemented policies and measures in the energy sector – Renewable energy sources**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (Kt CO2 eq.)	
							2020	2030
1	Third "Conto Energia" (art.3 paragraph 1, decree 6 august 2010) and Fourth "Conto Energia" (Decree 5 May 2011)	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 8000 MW	CO2	Economic	Implemented 2010	Ministry of economic development	2300	-
2	Third "Conto Energia": photovoltaic (art.3 paragraph 2, decree 6 august 2010)	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 3000 MW	CO2	Economic	Implemented 2010	Ministry of economic development	900	-
3	Green Certificate - budget law 2008	Green Certificate increased every year by 0,75% for 2007 - 2012 and establishment of "all-inclusive" rate for plants <1 Mwe	CO2	Economic	Implemented 2009	Ministry of economic development	4000	-
4	European regional development fund (ERDF), National Strategic Framework 2008-2013 - increase of renewable energy in electricity production	Supporting system for RES with Regional operative program (POR) and Interregional operative program (POIN)	CO2	Economic	Implemented 2008	Ministry of economic development	1400	-
<b>Total effect of implemented policies</b>							<b>8600</b>	



**Table 4.4 – Summary of planned policies and measures in the energy sector – Renewable energy sources**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (Kt CO2 eq.)	
							2020	2030
25	New measure to promote and support renewable energy sources for electricity (RES-E) - photovoltaic	Renewable energy - photovoltaic: supporting the expansion of photovoltaic and concentrated solar power plants (CSP) through feed in tariffs until a maximum capacity of 40 GW. (Current installed capacity in 2015 18 GW, total new capacity 2016-2030: 22+2 GW)	CO2	Economic	Planned 2020	Ministry of Economic Development		8568
26	New measure to promote and support renewable energy sources for electricity (RES-E) - wind	Renewable energy - Wind: promotion of new plants and repowering of existing ones up to a maximum of 16 GW of installed power (current installed capacity in 2015 9.2 GW)	CO2	Economic	Planned 2018	Ministry of Economic Development	-	4229
27	New measure to promote and support renewable energy sources for electricity (RES-E) - Biomass	Renewable energy - Biomass: further extension of incentives so that existing plants run up to 2030. New bioenergy (agriculture and urban waste and secondary product) with incentives only for small plants	CO2	Economic	Planned 2018	Ministry of Economic Development	-	To be estimated

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (Kt CO2 eq.)	
							2020	2030
		capacity < 70 kW						
28	New measure of promoting and supporting renewable energy sources for electricity (RES-E) - Other renewables	Renewable energy - Other: review of auction rules and mechanisms for hydro, geothermal energies and high efficiency cogeneration	CO2	Economic	Planned 2018	Ministry of Economic Development	-	To be estimated
30	2017 National Grid Development Plan - Grid upgrade	Development of the national electricity transmission and distribution network to allow the increase of the Distributed Generation (DG) - the effect of this measure is distributed in all PAMs regarding electricity consumption	CO2	Planning	Planned 2020	TERNA - Manager for the electricity transmission grids	-	IE
31	2017 National Grid Development Plan - Smart grid	Increasing flexibility of electricity network for the management of production from RES - the effect of this measure is included in measures 25 and 26	CO2	Planning	Planned 2020	TERNA - Manager for the electricity transmission grids	-	IE
<b>Total effect of planned policies</b>							<b>12797</b>	

## **Cogeneration and District Heating**

Cogeneration is currently supported by incentive schemes, rewarding both the production of heat and the production of electricity. In particular, all cogeneration plants benefit from the White Certificate system while cogeneration from renewable energy sources are additionally entitled to receive incentive to reward the green electricity produced.

In the field of high-efficiency cogeneration, in accordance with the provisions of the new directive on energy efficiency, further measures of a regulatory nature will be introduced in addition to the incentive scheme in force, in order to facilitate this technology that has significant potential of primary energy savings. In this sector, Italy already has a historically high use in the industrial sector, with many existing plants from medium to large size. Public support can point to the development of new facilities, in particular of small dimensions, but especially should aim to the revamping of existing installations, structures and technologies towards higher-yielding processes.

The heating demand in the residential sector has been the most relevant factor for the development of district heating; however, it is still possible to exploit an increase in thermal energy distributed through district heating networks, equal to approximately 30%. In order to develop this potential, it will be essential to adapt and strengthen the tools available today to encourage the new construction and expansion of the urban heating infrastructure. This measure is considered as planned.

### Coal phase out

As planned measure, the gradual coal phase out by 2025 has also been envisaged. This measure included as a political choice in the National Energy Strategy 2017 should be implemented taking into account an adequate capacity replacement, the development of the electricity grid and the preservation of the employment.

### Enhancement of natural gas supply and network

Italy is the third European market for natural gas consumption (about 67 billion cubic meters in 2015), with a dependence on 'Imports higher than the European average (about 90% compared to a Community average of 70%) due to that reason the energy security is important at national level. The development of liquefied natural gas (LNG) through methane vessels is an opportunity to improve the natural gas supply flexibility and to deal with possible security and resilience problems of the Italian gas system. Furthermore, 35 billion Bcm of natural gas long-term contracts will expire by 2020, with the terms of renegotiation not yet been defined. For those reasons it is important to plan a diversification of the possible sources of import.

The distribution of natural gas in the Sardinia has been also envisaged with the development of terminals for gas vessels, small coastal depots and a medium and high pressure distribution network. These measures are reported as planned.

### Bio-refineries

The European Directive 1513/2015 promotes the transition towards low GHG emissions fuels and foresees a minimum share of advanced biofuels as urban waste biologics, agricultural waste, animal waste, etc. To achieve that target, the refinery of Venezia Porto Marghera has been converted into a bio refinery; the same process is currently on-going for the plant located in Gela.

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**Table 4.5 – Summary of implemented policies and measures in the energy sector – Cogeneration and District Heating**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
5	White certificates - decree December 2007 - CHP	Supporting CHP and district heating plants for 2008-2012	CO2	Economic	Implemented 2008	Government, GSE and electricity and gas distributors	970	-
6	National Strategic Framework 2007-2013 - ERDF	Supporting CHP and energy savings with POR (Operative Regional Programs) and POIN (Operative Regional Programs)	CO2	Economic	Implemented 2007	Regions	240	-
<b>Total effect of implemented policies</b>							<b>1210</b>	

**Table 4.6 – Summary of planned policies and measures in the energy sector – Cogeneration and District Heating**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
29	Coal phase out	Gradual phase-out of coal-fired installations subject to system adequacy (adequate replacement capacity) and measures to preserve employment (still available 3280MW in 2030)	CO2	Regulatory	Planned 2020	Ministry of Economic Development	-	7758
32	Development of district heating network	30% development of the district heating (renewable energy and high efficiency cogeneration)	CO2	Planning	Planned 2018	Municipalities	-	.
33	Installation of two new LNG terminals	LNG terminals with a capacity of 4 bcm annual	CO2	Planning	Planned 2018	Ministry of Economic Development	-	-
34	Natural gas in Sardinia	Development of terminals for gas vessels, small coastal storage area and a medium and high pressure distribution network	CO2	Planning	Planned 2017	Ministry of Economic Development	-	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
35	Reconversion of refinery industry	Conversion of at least another 1 or 2 refineries (beyond Porto Marghera) to bio-refineries	CO2	Planning	Planned 2018	Ministry of Economic Development	-	-
<b>Total effect of planned policies</b>							<b>7758</b>	

## **Manufacturing Industry and Construction**

Policies affecting CO<sub>2</sub> emissions in the industry sector are generally designed to improve industrial energy efficiency. All the policies implemented or planned are reported in table 10.

The main instrument is represented by the White Certificates system which is aimed at promoting energy efficiency and deliver emissions reductions in all the energy end-use sectors. The implementation of directive 2006/32/CE on energy end use efficiency and energy services in the industrial sector and the Action Plan 2007 impose new targets for White Certificates to 2016, and an extension of the scheme is envisaged up to 2030..

The replacement of existing inefficient electric motors with high efficient ones. This is a measure that can help to achieve substantial CO<sub>2</sub> emissions reductions, although engines with high purchase price, as well as the lack of information about their energy saving potential, represent main obstacles to their diffusion.

The Budget laws 2007 and 2008 therefore provide for tax credits for high efficiency electric engines and inverters. European regulations 640/2009 and 641/2009, related to Legislative decree 201/2007 (directive 2005/32/CE) imposed minimum efficiency requirements on new electric motors and pumps, with a gradual introduction between 2011 and 2017.

In 2015, in Italy, 63.5% of emissions from this sector were subject to ETS while 36.5% were accounted for under the ESD.

**Table 4.7 - Summary of implemented policies and measures in the industry sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
7	White certificates - decree December 2007 - Industry	Supporting electric energy savings for the period 2008-2012	CO2	Economic	Implemented 2008	GSE- Manager for Energy Service	2020	-
8	Eco-design of energy-using products - Legislative decree 201/07 (transposition of directive 2005/32/EC- first regulations)	Installation of highly efficient electric motors and inverters through minimum mandatory standards	CO2	Regulatory	Implemented 2008	Italian Regulatory Authority for Electricity Gas and Water	1920	-
9	European regional development fund (ERDF), National Strategic Framework 2008-2013 - Electric energy saving in the energy industry sector	Supporting electric energy saving with POR (Operative Regional Programs) and POIN (Operative INterregional Programs)	CO2	Economic	Implemented 2008	Regions	660	-
<b>Total effect of implemented policies</b>							<b>4600</b>	



**Table 4.8 - Summary of planned policies and measures in the industry sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
36	Further extend of energy saving targets (White certificates 2020-2030)	Energy efficiency measures in industry ETS and non-ETS up to 2.2 Mtoe saved	CO2	Economic	Planned 2018	GSE- Manager for Energy Service	3700	4400
<b>Total effect of planned policies</b>							<b>3700</b>	<b>4400</b>

## Other sectors (residential and tertiary)

The package of policies deployed in this sector aims to improve energy efficiency through specific actions targeted both at existing and new buildings and appliances. Improving the energy efficiency of buildings and reducing the related emissions have become priorities in the last few years.

The implementation of directive 2002/91/CE on Energy Efficiency has been an opportunity to introduce stricter energy requirements and to promote the diffusion of renewable energy sources in the building sector. The Directive lays down requirements on the application of minimum standards for the energy performance of new buildings and on the performance of large existing buildings undergoing major renovation. The directive also requires the provision of energy performance certificates when buildings are constructed, sold or rented out. The directive has been transposed by legislative decree 102/2005 subsequently amended by legislative decree 311/2006 to strengthen buildings thermal demand requirements. The new law can be applied to new and existing buildings subject to major renovation<sup>12</sup> and provides for some important measures. Amongst the main provisions, the following obligations are worth mentioning:

- installation of technical blinds for solar protection and insulation of new buildings and buildings subject to overall renovation (limited to buildings over 1000 m<sup>2</sup>);
- laying down of all the necessary works to allow the connection of new buildings (and buildings subject to major renovation) to district heating systems, when existing (and not further than 1 km) or planned;
- installation of solar thermal systems that cover at least 50% of hot water demand for all new buildings and in case of replacement or renovation of the existing heating system;
- installation of PV systems (with a power capacity to be defined in a subsequent ministerial decree) in all new buildings and in existing buildings with a total floor area over 1000m<sup>2</sup>.

Directive 2010/31/EC recasts the European Energy Performance of Buildings Directive (EPBD) (transposed into national law with the decree 63/2013). This measure defines mandatory standards for new buildings, in particular article 9 reports that by 31 December 2020, all new buildings are nearly zero-energy buildings and after 31 December 2018, new buildings occupied and owned by public authorities are nearly zero-energy buildings

The transposition of this directive has raised the requirement on new buildings and made it consistent in all regions.

An important contribution will also come from the application of the Inter-ministerial Decree 26 June 2015 "Application of energy performance calculation methodologies and definition of minimum requirements and requirements for buildings.

There are also minimal efficiency requirements on new domestic appliances (TV, refrigerator, lamps, etc.), with a gradual introduction between 2009 and 2015. Those standards take into account the European regulations 644/2009, 278/2009 242/2009 243/2009 and 1275/2008 and are put into practice by the Legislative decree 201/2007 (directive 2006/32/CE).

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<sup>12</sup> As regards the minimum energy performance requirements of existing buildings subject to major renovation, the decree applies only in case of large buildings of over 1000 m<sup>2</sup> and in case of expansion of existing buildings (over 20%). The decree applies only partially to existing buildings under the 1000m<sup>2</sup> threshold.

Consistent reductions are also expected from the introduction of other regulations for energy efficiency standards for new energy-consuming products introduced by law 201/2007 (transposition of directive 2005/32/CE).

A tax rebates system allows, in a 10-year time, the recovery of up to 55%/65% of capital expenses for high efficiency appliances or building shell improvements. It is extended and modified on an annual basis with the annual state budget law. In order to promote energy efficiency interventions in the civil sector and to minimize system costs at the same time, an optimization of the tax deduction mechanism is foreseen.

The most significant improvements concern a differentiation between the percentage of deductible expenditure and/or the duration of the refund, in proportion to the actual saving produced by the intervention, orienting the mechanism to radical interventions on the building (Deep renovation) and coupling the instrument with other incentive mechanisms, with specific reference to measures for anti-seismic construction.

**Table 4.9 - - Summary of implemented policies and measures in the civil (residential and tertiary) sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
11	Building Regulation (Legislative decree 192/05 as amended by legislative decree 311/06)	Minimum mandatory standards on new and existing buildings (Energy Efficiency)	CO2	Regulatory	Implemented 2006	Municipalities, Ministry of Economic Development;	3610	-
12	Tax deduction for energy saving in buildings - Budget law 2007, Budget law 2008 and Budget law 2009	Supporting energy savings in existing buildings through tax deduction of 55%	CO2	Fiscal	Implemented 2008	Ministry of Finance	1050	-
13	White certificates - decree December 2007 - Commercial	Supporting energy savings 2008-2012 (Energy Efficiency)	CO2	Economic	Implemented 2008	GSE- Manager for Energy Service	3120	-
14	Legislative decree 201/07 (transposition of directive 2005/32/EC) - Increase efficiency of appliances in residential sector	First regulation on mandatory energy efficiency standards for energy-using products	CO2	Regulatory	Implemented 2008	Ministry of Economic Development	2600	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
15	National Strategic Frame-work 2007-2013 - ERDF - Residential energy saving	Supporting electric energy saving with POR (Operative Regional Programs) and POIN (Operative Interregional Programs) in buildings	CO2	Economic	Implemented 2007	Regions	420	-
24	Minimum requirement for building (Inter- ministerial decree June 26th, 2015)	Application of the minimum energy performance requirements for buildings. These requirements apply to public and private buildings, whether they are new buildings or existing buildings subject to restructuring	CO2	Regulatory	Implemented 2015	Ministry of Economic Development		4000
<b>Total effect of implemented policies</b>							<b>10800</b>	<b>4000</b>

**Table 4.10 - Summary of planned policies and measures in the civil (residential and tertiary) sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
37	Energy efficiency in residential building with tax deduction	Restructuring for thermal insulation in residential buildings, 0.5% annual renovation rate, to be achieved through an improved tax deduction scheme (65-55-36%) based on expected saving.	CO2	Fiscal	Planned 2018	Ministry of Finance, Ministry of Economic Development	385	1569
38	Energy efficiency in residential building - upgrade entire building - tax deduction	Restructuring for thermal insulation in residential buildings, 0.5% annual renovation rate, focused on "deep renovation" to be achieved through the remodelling of the tax deduction (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Fiscal	Planned 2018	Ministry of Finance, Ministry of Economic Development	-	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
39	Energy efficiency in residential building - measure for supporting low income families	Introduce title portability or structuring an incentive system integrated with energy redevelopment	CO2	Economic	Planned 2020	Ministry of Finance	-	-
40	Energy efficiency in residential building - provision to rebuild housing including seismic upgrade	Link the instrument with other incentive mechanisms by introducing measures for anti-seismic building	CO2	Economic	Planned 2020	Ministry of Economic Development	-	-
41	Energy efficiency in tertiary building	Restructuring for thermal insulation in tertiary buildings, including very low emission building for central administration (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Fiscal	Planned 2017	Regions, Ministry of Economic Development	894	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
42	Promoting energy saving in building (public, domestic, tertiary): insulation, replacement windows and boilers, installation of heat pumps and solar thermal panels (Legislative decree 28/2011)	Investments of air conditioning systems (cooling and heating) in the residential sector, restructuring of the service sector's buildings. Installation of gas and electric heating pumps, high efficiency boilers and floor heating system. Replacement of appliances (The assessment of the impact of this measure has not been finalized for 2030 because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Economic	Planned 2017	GSE- Manager for Energy Service	4080	-
<b>Total effect of planned policies</b>							<b>5359</b>	<b>1569</b>



## Transport sector

This section provides policies and measures for the transport sector to achieve energy savings, GHG reductions and sustainable transport systems.

Transport sector consumes approximately a third of EU's total energy demand and this demand is almost entirely met by oil. While the transition to low-emission alternative energy in transport has already begun, spurred also by the proposal for the Renewable Energy Directive on the promotion of the use of energy from renewable sources (COM/2016/0767 final), the sector is significantly lagging behind other sectors for a number of reasons, including the lack of strong incentives to innovate in energies and technologies needed for the long-term low carbon policies as well as infrastructure issues related to electrification. The latter issue is currently addressed via the implementation of the Alternative Fuel Directive (DAFI) and the provisions foreseen in the review of the Energy Performance of Building Directive.

In detail, the directive DAFI 2014/94/UE establishes a common framework of measures for the deployment of low carbon fuels infrastructure in the Union in order to minimize dependence on oil and to mitigate the environmental impact of transport. This Directive sets out minimum requirements for the building-up of recharging points for electric vehicles and refueling points for natural gas (LNG and CNG) and hydrogen, to be implemented by means of Member States' national policy frameworks, as well as common EU technical specifications for such recharging and refueling points.

Regarding implemented measures, in line with the aims identified by the National Strategic Framework 2007-2013, infrastructural measures (high capacity and high speed networks, and improvement of regional networks for commuting) and management measures regarding the enhancement of the road urban public transport network have been implemented.

Furthermore, the effect of EU Regulation (EC) No 443/2009 establishing CO<sub>2</sub> emissions performance requirements for new passenger cars has to be considered. The Regulation aims to achieve the overall objective of the European Community of 120 g CO<sub>2</sub>/km as average emissions for the new car fleet (130 gCO<sub>2</sub>/km vehicle efficiency plus -10 gCO<sub>2</sub>/km from additional reduction tools as biofuel use).

In order to promote the mandatory use of biofuels, a minimum quota of biofuels was set to 5.75% of the total sold from 2010 onwards, while Legislative Decree 28/2011 established a 10% objective of biofuel use for transport by 2020. The effect of the existing measures for the post-2020 period is included in the reference scenario.

Moreover the planned measures envisaged are the following ones:

- Promoting and supporting the development of charging infrastructure for electric vehicles;
- Intermodal measures regarding shifting from private road traffic to busses and railways (Modal shift of about 10% in 2030 to public transport, car-pooling, bikes and walking) and shifting goods transport from the road to the sea and railways; management measures supporting efficiency in private road transport and improving road circulation in the urban areas.
- It is planned a new EU Regulation, to be approved before 2020, that will set a more ambitious target than the pre-2020;
- National measures to promote and support the diffusion of low carbon fuels and electrical vehicles;
- A further expansion of electrical vehicles car fleet, depending on the provisions to be included in the upcoming EU Regulation on new cars.
- Increase in bio fuels use to over 10% of road fossil fuels consumption, including bio methane;

It is emphasized that in the transport sector national estimates include only domestic flights and shipping; to reduce the emissions from national shipping it is planned to promote the use of LNG as a fuel and the availability of electrical connection at ports for all ships. In the case of aviation, national authorities have no control of the plane emissions, that are subject to international licensing procedure. Italy supports the EU policy within ICAO to promote all available technologies for fuel efficiency and other operational practices so to stabilize GHG emissions from airplanes. Additionally the bio-refineries that are planned to be operating in Italy, see section on energy industry, will have the technical capability to produce also biofuels for airplanes.

#### Aviation and marine bunker fuels

According to Article 2.2 of the Kyoto Protocol on aviation and marine bunker fuels, each Annex I Party shall identify the steps it has taken to promote and/or implement any decisions by the International Civil Aviation Organisation (ICAO) and International Maritime Organisation (IMO) to limit and reduce associated emissions.

As part of the European Union, Italy supported the European Commission's proposal to incorporate aviation into the EU Emissions Trading System (ETS), which was approved in 2008 (Directive 2008/101/CE). In order to prevent negative effects on the EU's relationship with other countries, it urged that implications in the area of international law, by ICAO, should be taken into account. Directive 2008/101/CE sets a cap for CO<sub>2</sub> allowances and establishes that a certain quantity of allowances is allocated through auctioning. In order to prevent double regulation and not prejudice the ICAO process, the ETS directive is currently applied to flights leaving and departing in airports located in the European Economic Area (EEA).

As regards the maritime sector, on 28 June 2013 the European Commission adopted a Communication<sup>13</sup> setting out a strategy to progressively include GHG emissions from maritime transport into EU's policy for reducing its overall emissions. The strategy consists of the following consecutive steps:

- establishing a system for monitoring, reporting and verifying (MRV) of CO<sub>2</sub> emissions;
- setting reduction targets for the maritime transport sector;
- applying further measures, including market-based instruments, in the medium to long term.

Relating to the first of these three steps, the Commission proposed a Regulation<sup>14</sup> of the European Parliament and of the Council establishing an EU-wide MRV system for large ships.

This proposal addresses emissions released by ships above 5,000 gross tons during their voyages from the last port of call to a port under the jurisdiction of a Member State, and from a port under the jurisdiction of a Member State regardless of their flag. According to the proposed Regulation, ship owners will have to monitor and report the verified amount of CO<sub>2</sub> emitted by their ships on voyages to, from and between EU ports. Owners will also have to provide certain other information, such as data to determine the ships' energy efficiency. These rules are designed to support a staged approach towards setting global energy efficiency standards for existing ships, as supported by several members of the International Maritime Organisation, and it is proposed that they start applying from 1 January 2018.

An impact assessment of the economic effects on third countries of this proposal concluded that based on the pass-through of costs and savings in maritime transport and on the price building mechanisms in different sectors, measurable increases of commodity prices (with transport costs being only an

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<sup>13</sup> Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: Integrating maritime transport emissions in the EU's greenhouse gas reduction policies. COM (2013) 479 final.

<sup>14</sup> Proposal for a Regulation of the European Parliament and of the Council on the monitoring, reporting and verification of carbon dioxide emissions from maritime transport and amending Regulation (EU) No 525/2013. COM (2013) 480 final.

insignificant element of the commodities' prices) are expected to have minor effects<sup>15</sup>. In the impact assessment, several policy options – from an MRV system to levies and to emission trading schemes – were assessed.

Given the large cost-effective abatement potential of the sector, the above-mentioned emission reductions would lead to net cost savings for the maritime transport sector. Other expected impacts are the creation of additional jobs in ship yards and the maritime supply industry as well as health benefits due to reduced emissions of SO<sub>x</sub>, NO<sub>x</sub> and particulate matter.

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<sup>15</sup> Impact Assessment – Part 1 Accompanying the document Proposal for a Regulation of the European Parliament and of the Council on the monitoring, reporting and verification of carbon dioxide emissions from maritime transport and amending Regulation (EU) No 525/2013. Commission staff working document SWD (2013) 237 final/2.

**Table 4.11 - Summary of implemented policies and measures in the transport sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
16	Infrastructural measures - Increase of high capacity and high speed rail networks	High Capacity and High Speed rail. Regional networks for passengers	CO2	Planning	Implemented 2008	Ministry of transport	5700	-
17	National Strategic Framework 2007-2013 - FESR - increase public transportation in urban area	Intermodal infrastructure projects: expansion of metropolitan railways/ subway	CO2	Planning	Implemented 2007	Ministry of transport	1280	-
18	Emission standard for new car (Regulation (EC) No 443/2009)	Fleet update at 120 g CO2/km in 2015 and 95 g CO2/km in 2020	CO2	Regulatory	Implemented 2008	Ministry of Economic Development	10200	-
19	Legislative decree 128/05(transposition of directive 2003/30/EC) - mandatory use of biofuels	Mandatory use biofuels (target 4.5% to 2012)	CO2	Regulatory	Implemented 2008	Ministry of Economic Development	1490	-
20	Legislative Decree 28/2011 (transposition of directive 2009/28/EC) - Mandatory use of biofuels	Mandatory use biofuels (target 10% to 2020)	CO2	Regulatory	Implemented 2014	Ministry of Economic Development	1580	-
<b>Total effect of implemented policies</b>							<b>20250</b>	

**Table 4.12 - Summary of planned policies and measures in the transport sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
43	Measure of promoting and supporting the development of charging infrastructure	Transposition of DAFI 2014/94/EU directive define and implement the plan for the development of alternative fuels infrastructure: electric car charging stations and natural gas filling stations. (The impact is included in the measures related in the alternatives fuels vehicles)	CO2	Regulatory	Planned 2017	Industries association and local authorities (Companies)	-	-
44	Modal shift from private cars to public buses and walking	Modal shift of about 10% of car transportation demand in 2030 to public transport, car-pooling, bikes and walking	CO2	Planning	Planned 2017	Ministry of Transport	1310	4248
45	Promoting and supporting renewal of car fleet with low carbon fuels	Speed up the replacement of vehicle fleet with new vehicles, including CNG cars (up to 1.7 million), LPG cars (up to 2.7 million), CNG vans (up to 1 million).	CO2	Economic	Planned 2017	Ministry of Economic Development	1220	3180

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
46	Promoting and supporting renewal of car fleet with electrical vehicles	Speed up the replacement of car vehicle fleet with electric cars up to about 3 million vehicles.	CO2	Economic	Planned 2018	Ministry of Economic Development, Ministry of Finance (Government); Municipalities (Local)	460	2372
47	Promoting and supporting renewal of car fleet: further expansion of electrical vehicles	Increase the electrical vehicles to more than 10% of fleet by 2030, including cars (0.8 million) and electric vans (0.5 millions) (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Economic	Planned 2025	Ministry of Finance, Ministry of Environment	IE	IE

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020*	2030
48	Expansion of use of biofuel over 10% of road fossil fuels consumption, including bio-methane	Biofuels promotion: consumption in the transport sector of bio-methane and about advanced biofuels through the conversion of refineries and / or traditional biodiesel plants (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Economic	Planned 2021	Ministry of Economic Development, Ministry of Finance		
49	Promotion of LNG in transport	Expansion of LNG heavy duty trucks up to 30% of the fleet and LNG ships up to 50% of total national fuel consumption	CO2	Fiscal	Planned 2018	Ministry of Economic Development, Ministry of Finance	160	1800
<b>Total effect of planned policies</b>							<b>3150</b>	<b>11600</b>

## **Policies in non-Energy Sectors**

### **Industrial Processes**

For the industrial processes sector, the reduction of N<sub>2</sub>O emissions in plants due to the production of nitric acid has been taken into account. This measure can result in significant reductions in process emissions from the industrial sector, with a relatively small cost.

In the production of nitric acid, the most advanced technology is provided by SCR (Selective Catalytic Reduction) systems for the treatment of process gases, which has been installed by the main production plants in Italy. This activity has been included in the Emission Trading Scheme starting from 2012. Therefore, this measure has been included in the WM scenario.

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO <sub>2</sub> eq.)
2020							
10	Reduction of emissions of N <sub>2</sub> O from nitric acid production	Significant reductions in process emissions from nitric acid production plants due to the application of BAT (Best Available Technology)	N <sub>2</sub> O	Voluntary	Implemented 2010	Industrial plant	740

Source: ISPRA

It is important to underline that the 36.5% of emissions of the "Manufacturing industries and construction" for Italy are related to ESD sector.

### **Agriculture**

In the last years, the role of agriculture in climate change mitigation has been emphasised. In this context, the reform of the Common Agricultural Policy (CAP) has a relevant role. In 2008, the CAP has been reinforced by the Health Check, which strengthens the gradual shift from a financial support linked to production towards decoupled direct aids, through a strengthening of the rural development policy and the increasing integration of environmental considerations, including climate change.

Therefore, payments for farmers consider the respect of environmental laws and other types of legislation. Thus, the incentives for intensive production have reduced. On the other hand, main emission reduction activities are predominantly or exclusively supported by two rural development measures: farm modernisation (code 121) and agri-environment (code 214). Some activities support the modernisation of farms through energy efficient equipment and buildings, and promoting biogas production<sup>16</sup>. This picture has been also assessed by ISPRA in the 21 regional Rural Development Plans (RDPs), where measure

<sup>16</sup> European Commission (2009), Commission staff working document. The role of European agriculture in climate change mitigation. SEC (2009) 1093 final ([http://ec.europa.eu/agriculture/climate\\_change/sec2009\\_1093\\_en.pdf](http://ec.europa.eu/agriculture/climate_change/sec2009_1093_en.pdf))



code 214 is most likely to contribute with N2O emission reductions. In 2008, a report<sup>17</sup> prepared by the Ministry of Agriculture (MIPAAF) in the framework of the Rural Development Network has assessed qualitatively the contribution of Rural Development Plans (RDPs) in terms of their mitigation potential. Moreover, in 2009, the CAP Health Check targets have been included in the RDPs<sup>18</sup>. In 2010, some general information on the number of RDPs that have considered climate change targets (15 RDPs) or all 6 Health Check targets (3 RDPs), is available<sup>19</sup>.

The reduction measures which are presented below have also been considered in CAP reforms, characterized by a progressive reinforcement for integrating environmental legislation. A special attention is given for example to the Nitrates Directive (monitoring of water quality; designation of nitrate vulnerable zones; and, establishment of codes of good agricultural practice).

In 2013, political agreement on the reform of the CAP 2014-2020 was reached. The agreement provides for an amendment to the payment ecological (greening). Between 2014 and 2020, over EUR 100 billion will be invested to help farming meet the challenges of soil and water quality, biodiversity and climate change:

30% of direct payments will be linked to three agricultural practices beneficial for the climate and environment: crop diversification (there is no obligation for diversification of crops for arable land less than 10 hectares), maintaining permanent grassland (there is no obligation for arable land less than 15 hectares and for permanent crops) and conserving 5%, and later 7%, of areas of ecological interest as from 2018 or measures considered to have at least equivalent environmental benefits.

At least 30% of the rural developments programmes' budget will have to be allocated to agri-environmental measures, support for organic farming or projects associated with environmentally friendly investment or innovation measures.

Agri-environmental measures will become agri-environment-climate payments and will be stepped up to complement greening practices. These programmes will have to set and meet higher environmental protection targets (guarantee against double funding).

According to the European Commission<sup>21</sup>, in the period up to 2020, the new CAP is going to invest around EUR 37.5 billion (as a sum of total allocation of Direct Payments and Rural Development for the period 2014-2020) in Italy's farming sector and rural areas. This amount will be distributed between rural development programs and direct payments as follows. In the period 2014-2020, the EU budget for measures benefiting agricultural producers and the economy of its rural areas will be a total of around EUR 10.4 billion (plus co-financing from public and private funds), increasing Italy's rural development envelope compared to the period 2007-2013. The total budget available for direct payments in Italy for the period 2014-2020 amounts to more than EUR 27 billion.

Although there are, by definition, differences in the Rural Development Programs (RDPs) priorities from one region to another, from an analysis of the information reported in the 21 regional RDPs for 2014-2020, most of the Italian regional programs are looking to target public support at enhancing the competitiveness of agricultural production systems and of agro-industry enterprises; support investments in sustainable energy; promote climate change adaptation and protecting the environment and increasing

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<sup>17</sup> MIPAAF (2008), "Il contributo dei piani di sviluppo rurale e della condizionalità alla mitigazione dei cambiamenti climatici e al loro adattamento. Rete Rurale Nazionale 2007-2013 Italia", November 2008

<sup>18</sup> See the publication "The Contribution of Rural Development Programmes in Mitigating Greenhouse Gas Emissions in Italy" [Climate Change and the Sustainable Use of Water Resources](#) - [Climate Change Management](#) 2012, pp 367-387

<sup>19</sup> MIPAAF (2010), "Le nuove sfide della PAC e le misure di rilancio dell'economia nei programmi di sviluppo rurale 2007-2013 – Aprile 2010. Rete Rurale Nazionale 2007-2013" ([www.reterurale.it](http://www.reterurale.it))

<sup>20</sup> [http://ec.europa.eu/agriculture/cap-post-2013/index\\_en.htm](http://ec.europa.eu/agriculture/cap-post-2013/index_en.htm)

<sup>21</sup> European Commission, 2016. CAP in your country: ITALY ([https://ec.europa.eu/agriculture/cap-in-your-country\\_en](https://ec.europa.eu/agriculture/cap-in-your-country_en))

the quality of life and economic diversification in rural areas<sup>22</sup>. In particular, considering the measures planned to achieve the objectives of “reducing greenhouse gas and ammonia emissions from agriculture” and “fostering carbon conservation and sequestration in agriculture and forestry”, established by the European Commission, 15 RDPs supported investments in knowledge transfer and information actions (art. 14 of European Regulation N. 1305/2013), 13 RDPs have provided support to advisory services, farm management and farm relief services (art 15 of European Regulation N. 1305/2013) and 3 RDPs have explicitly indicated the objective of reducing greenhouse gas and ammonia gas emissions (measure related to investments in physical assets – art 17 of European Regulation N. 1305/2013)<sup>23</sup>. Regarding the measure on agro-climate-environmental payments (art. 28 of European Regulation N. 1305/2013), aimed at preserving and promoting the necessary changes in agricultural practices that contribute favourably to the environment and the climate, Emilia Romagna, Lombardy and Piedmont regions have planned investments concerning the distribution of livestock effluents, aimed at reducing ammonia emissions; while Lazio and Umbria have planned a measure to maintain/increase the organic matter of the soil through the use of organic additives with valuable organic matter<sup>24</sup>.

Emissions of nitrous oxide from agricultural soil: emission reduction from the Agricultural soil source is mainly related to the rationalisation in the use of fertilizers. RDPs 2007-2013 are contributing with this emission reduction measure (code 214). In order to achieve the objective, it is essential to consider ongoing efforts to raise awareness on the code of agricultural practice (such as fertiliser application limits and spreading conditions, manure storage methods, livestock density limits and crop rotation requirements), and the integrated production of agricultural property and organic farming. However, when considering organic farming<sup>25</sup> as an instrument for climate change mitigation, both the amount of emission per hectare and per unit of production have to be considered<sup>26</sup>. RDPs 2014-2020 are contributing through this emission reduction measure (Agri-environment-climate - art. 28 of European Regulation N. 1305/2013).

Emissions of methane from manure management: electricity generation from animal waste has increased in Italy up to 1067.2 GWh in 2015, marking an increase of 8% with respect to 2014 (almost 5 times the value of 2010), thanks to the support provided by the feed-in prices granted by Resolution no. 6/92 of the Inter-ministerial Price Committee (CIP 6/92) and the renewable quota obligation for electricity producers/importers established by the Legislative Decree of March 16, 1999, No. 79, and subsequent legislations.

Moreover, as established by Ministerial Decree of 18 December 2008, the Ministry of Economic Development has approved incentives for the production of electric power from renewable energy. A special tariff (called “All-Inclusive Feed-In Tariff”) for small agro-energetic facilities (in operation after 31/12/2007) of less than 1 MW feed with biogas, biomass or vegetal oil, has been fixed. Instead, for facilities of more than 1 MW a multiplying factor of 1.8 for estimating green certificates is contemplated, specifically for facilities using agricultural biomass. In section 4.4 (renewable energy sources), the recent legislation on these issues is described. In 2015, methane from biogas recovery has contributed to reduce methane emissions from manure management by 18%. Further intervention may be required for the coming years in order to sustain this trend, and to extend the covering of animal waste storage

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<sup>22</sup> See note 22

<sup>23</sup> ISMEA/RRN (2017), “Analisi dei bandi regionali per gli interventi che concorrono alla realizzazione delle Focus Area 5D e 5E” (<http://www.reterurale.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/16780>)

<sup>24</sup> See note 24

<sup>25</sup> Some studies show contrasting results of emissions per unit of product in organic farming, particularly regarding methane. A German study (referenced by PICCMAT final report) shows lower GHG emissions per unit of product in organic farming than conventional methods for wheat, pig and milk production, while results for beef production are more ambiguous due to the variety of production system.

<sup>26</sup> European Commission (2009), Commission staff working document. The role of European agriculture in climate change mitigation. SEC (2009) 1093 final ([http://ec.europa.eu/agriculture/climate\\_change/sec2009\\_1093\\_en.pdf](http://ec.europa.eu/agriculture/climate_change/sec2009_1093_en.pdf))

systems, equipped with devices allowing collection and use of biogas, not only to new farms but also to major existing ones.

**Table 4.13 – Summary of policies and measures in the agriculture sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (Mt CO <sub>2</sub> eq.)
							2020
21	Nitrogen fertilizer	Rationalization in the use of nitrogen fertilizer	N <sub>2</sub> O	Regulatory	Implemented 2007	Ministry of Agriculture	790
22	Animal storage	Recovery of biogas from animal storage system	CH <sub>4</sub>	Regulatory	Implemented 2007	Ministry of Agriculture	400

Source: ISPRA

## Waste

Emissions reduction in the waste sector is mainly related to the improvement of waste management regarding the composition of waste disposed to landfills. In fact, the Landfill European Directive 1999/31/EC has been transposed at the national level by Legislative Decree 13 January 2003 n. 36 and applied to Italian landfills since July 2005, although the effectiveness of the policies will be significant in the future. This implies a continuous updating of the regulatory system. Consequently, in the following years, the Ministry of the Environment has issued some decrees (Legislative Decree 30 December 2008, n. 208 and Ministerial Decree 25 June 2015) on the waste acceptance criteria in landfills since the composition of these waste is strongly changed and is still evolving.

For the waste sector two measures are proposed:

- Compliance with separate collection targets and biodegradable waste disposed to landfills:
  - fulfilment of the deadlines set for MSW separate collection;
  - fulfilment of the deadlines set for biodegradable waste sent to landfill.
- Only bio-stabilized waste disposed to landfills: a further measure regards the pre-treatment of all the biodegradable wastes which will be disposed to landfills, encouraging the anaerobic digestion of MSW also in co-digestion with other type of waste such as sludge from municipal waste water treatment plants and animal waste. This practice will also increase the energy recovery from the biogas production.
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**Table 4.14 - Summary of policies and measures in the waste sector**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (Mt CO <sub>2</sub> eq.)
							2020
23	Increase separate collection of urban waste	Compliance with separate collection targets and reduction of biodegradable waste disposed of into	CH <sub>4</sub>	Regulatory	Implemented 2008	Regions	3700

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landfills

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Source: ISPRA

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**Summary of policies and measures**

A summary of implemented and planned measures are reported in the tables below. In Table 4.20 below, policies and measures that are no longer in place are reported. Those measures have been reported in the sectorial table and considered in the WM scenario because they still have a mitigation impacts at 2020.

**Table 4.15- Summary of implemented policies and measures – CO2**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
8	Eco-design of energy-using products - Legislative decree 201/07 (transposition of directive 2005/32/EC- first regulations)	Installation of highly efficient electric motors and inverters through minimum mandatory standards	CO2	Regulatory	Implemented 2008	Italian Regulatory Authority for Electricity Gas and Water	1920	-
11	Building Regulation (Legislative decree 192/05 as amended by legislative decree 311/06)	Minimum mandatory standards on new and existing buildings (Energy Efficiency)	CO2	Regulatory	Implemented 2006	Municipalities, Ministry of Economic Development;	3610	-
12	Tax deduction for energy saving in buildings - Budget law 2007, Budget law 2008 and Budget law 2009	Supporting energy savings in existing buildings through tax deduction of 55%	CO2	Fiscal	Implemented 2008	Ministry of Finance	1050	-
14	Legislative decree 201/07 (transposition of directive 2005/32/EC) - Increase efficiency of appliances in residential sector	First regulation on mandatory energy efficiency standards for energy-using products	CO2	Regulatory	Implemented 2008	Ministry of Economic Development	2600	-
16	Infrastructural measures - Increase of high capacity and high speed rail networks	High Capacity and High Speed rail. Regional networks for passengers	CO2	Planning	Implemented 2008	Ministry of transport	5700	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
18	Emission standard for new car (Regulation (EC) No 443/2009)	Fleet update at 120 g CO2/km in 2015 and 95 g CO2/km in 2020	CO2	Regulatory	Implemented 2008	Ministry of Economic Development	10200	-
19	Legislative decree 128/05(transposition of directive 2003/30/EC) - mandatory use of biofuels	Mandatory use biofuels (target 4.5% to 2012)	CO2	Regulatory	Implemented 2008	Ministry of Economic Development	1490	-
20	Legislative Decree 28/2011 (transposition of directive 2009/28/EC) - Mandatory use of biofuels	Mandatory use biofuels (target 10% to 2020)	CO2	Regulatory	Implemented 2014	Ministry of Economic Development	1580	-
24	Minimum requirements for building (Inter-ministerial decree June 26 <sup>th</sup> , 2015)	Application of the minimum energy performance requirements for buildings. These requirements apply to public and private buildings, whether they are new buildings or existing buildings subject to restructuring	CO2	Regulatory	Implemented 2015	Ministry of Economic Development		4000
<b>Total effect of implemented policies</b>							<b>28150</b>	<b>4000</b>

**Table 4.16- Summary of implemented policies and measures – N2O**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)
							2020
10	Reduction of emissions of N2O from nitric acid production	Significant reductions in process emissions from nitric acid production plants due to the application of BAT (Best Available Technology)	N2O	Voluntary	Implemented 2010	Industrial plant	740
21	Nitrogen fertilizer	Rationalization in the use of nitrogen fertilizer	N2O	Regulatory	Implemented 2007	Ministry of Agriculture	790
<b>Total effect of implemented policies</b>							<b>1530</b>

**Table 4.17- Summary of implemented policies and measures – CH<sub>4</sub>**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)
							2020
22	Animal storage	Recovery of biogas from animal storage system	CH4	Regulatory	Implemented 2007	Ministry of Agriculture	400
23	Increase separate collection of urban waste	Compliance with separate collection targets and reduction of biodegradable waste disposed of into landfills	CH4	Regulatory	Implemented 2008	Regions	3700
Total effect of implemented policies							4100



**Table 4.18- Summary of planned policies and measures – CO<sub>2</sub>**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO <sub>2</sub> eq.)	
							2020	2030
25	New measure to promote and support renewable energy sources for electricity (RES-E) - photovoltaic	Renewable energy - photovoltaic: supporting the expansion of photovoltaic and concentrated solar power plants (CSP) through feed in tariffs until a maximum capacity of 40 GW. (Current installed capacity in 2015 18 GW, total new capacity 2016-2030: 22+2 GW)	CO <sub>2</sub>	Economic	Planned 2020	Ministry of Economic Development		8568
26	New measure to promote and support renewable energy sources for electricity (RES-E) - wind	Renewable energy - Wind: promotion of new plants and repowering of existing ones up to a maximum of 16 GW of installed power (current installed capacity in 2015 9.2 GW)	CO <sub>2</sub>	Economic	Planned 2018	Ministry of Economic Development	-	4229
27	New measure to promote and support renewable energy sources for electricity (RES-H) - Biomass	Renewable energy - Biomass: further extension of incentives so that existing plants run up to 2030. New bioenergy (agriculture and urban waste and secondary product) with incentives only for small plants capacity < 70 kW	CO <sub>2</sub>	Economic	Planned 2018	Ministry of Economic Development	-	To be estimated

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
28	New measure to promote and support renewable energy sources for electricity (RES-H) - Other renewables	Renewable energy - Other: review of auction rules and mechanisms for hydro, geothermal energies and high efficiency cogeneration	CO2	Economic	Planned 2018	Ministry of Economic Development	-	To be estimated
29	Coal phase out	Gradual phase-out of coal-fired installations subject to system adequacy (adequate replacement capacity) and measures to preserve employment (still available 3280MW in 2030)	CO2	Regulatory	Planned 2020	Ministry of Economic Development	-	7758
30	2017 National Development Plan - Grid upgrade	Grid - Development of the national electricity transmission and distribution network to allow the increase of the Distributed Generation (DG) - the effect of this measure is distributed in all PAMs regarding electricity consumption	CO2	Planning	Planned 2020	TERNA - Manager for the electricity transmission grids	-	IE
31	2017 National Development Plan - Smart grid	Grid - Increasing flexibility of electricity network for the management of production from RES - the effect of this measure is included in measures 25 and 26	CO2	Planning	Planned 2020	TERNA - Manager for the electricity transmission grids	-	IE

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
32	Development of district heating network	30% development of the district heating (renewable energy and high efficiency cogeneration)	CO2	Planning	Planned 2018	Municipalities	-	.
33	Installation of two new LNG terminals	LNG terminals with a capacity of 4 bcm annual	CO2	Planning	Planned 2018	Ministry of Economic Development	-	-
34	Natural gas in Sardinia	Development of terminals for gas vessels, small coastal storage area and a medium and high pressure distribution network	CO2	Planning	Planned 2017	Ministry of Economic Development	-	-
35	Reconversion of refinery industry	Conversion of at least another 1 or 2 refineries (beyond Porto Marghera) to bio-refineries	CO2	Planning	Planned 2018	Ministry of Economic Development	-	-
36	Further extend of energy saving targets (White certificates 2020-2030)	Energy efficiency measures in industry ETS and non-ETS up to 2.2 Mtoe saved	CO2	Economic	Planned 2018	GSE- Manager for Energy Service	3700	4400

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
37	Energy efficiency in residential building with tax deduction	Restructuring for thermal insulation in residential buildings, 0.5% annual renovation rate, to be achieved through an improved tax deduction scheme (65-55-36%) based on expected saving.	CO2	Fiscal	Planned 2018	Ministry of Finance, Ministry of Economic Development	385	1569
38	Energy efficiency in residential building - upgrade entire building - tax deduction	Restructuring for thermal insulation in residential buildings, 0.5% annual renovation rate, focused on "deep renovation" to be achieved through the remodelling of the tax deduction (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Fiscal	Planned 2018	Ministry of Finance, Ministry of Economic Development	-	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
39	Energy efficiency in residential building - measure for supporting low income families	Introduce title portability or structuring an incentive system integrated with energy redevelopment	CO2	Economic	Planned 2020	Ministry of Finance	-	-
40	Energy efficiency in residential building - provision to rebuild housing including seismic upgrade	Link the instrument with other incentive mechanisms by introducing measures for anti-seismic building	CO2	Economic	Planned 2020	Ministry of Economic Development	-	-
41	Energy efficiency in tertiary building	Restructuring for thermal insulation in tertiary buildings, including very low emission building for central administration (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Fiscal	Planned 2017	Regions, Ministry of Economic Development	894	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementat ion	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
42	Promoting energy saving in building (public, domestic, tertiary): insulation, replacement windows and boilers, installation of heat pumps and solar thermal panels (Legislative decree 28/2011)	Investments of air conditioning systems (cooling and heating) in the residential sector, restructuring of the service sector's buildings. Installation of gas and electric heating pumps, high efficiency boilers and floor heating system. Replacement of appliances (The assessment of the impact of this measure has not been finalized for 2030 because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Economic	Planned 2017	GSE- Manager for Energy Service	4080	-

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
43	Measure to promote and support the development of charging infrastructure	Transposition of DAFI 2014/94/EU directive define and implement the plan for the development of alternative fuels infrastructure: electric car charging stations and natural gas filling stations. (The impact is included in the measures related in the alternatives fuels vehicles)	CO2	Regulatory	Planned 2017	Industries association and local authorities (Companies)	-	-
44	Modal shift from private cars to public buses and walking	Modal shift of about 10% of car transportation demand in 2030 to public transport, car-pooling, bikes and walking	CO2	Planning	Planned 2017	Ministry of Transport	1310	4248
45	Promoting and supporting renewal of car fleet with low carbon fuels	Speed up the replacement of vehicle fleet with new vehicles, including CNG cars (up to 1.7millions), LPG cars (up to 2.7 million), CNG vans (up to 1 million).	CO2	Economic	Planned 2017	Ministry of Economic Development	1220	3180

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
46	Promoting and supporting renewal of car fleet with electrical vehicles	Speed up the replacement of car vehicle fleet with electric cars up to about 3 million vehicles.	CO2	Economic	Planned 2018	Ministry of Economic Development, Ministry of Finance (Government); Municipalities (Local)	460	2372
47	Promoting and supporting renewal of car fleet: further expansion of electrical vehicles	Increase the electrical vehicles to more than 10% of fleet by 2030, including cars (0.8 million) and electric vans (0.5 millions) (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Economic	Planned 2025	Ministry of Finance, Ministry of Environment	IE	IE



PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
48	Expansion of use of biofuel over 10% of road fossil fuels consumption, including bio-methane	Biofuels promotion: consumption in the transport sector of bio-methane and about advanced biofuels through the conversion of refineries and / or traditional biodiesel plants (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	CO2	Economic	Planned 2021	Ministry of Economic Development, Ministry of Finance		
49	Promotion of LNG in transport	Expansion of LNG heavy duty trucks up to 30% of the fleet and LNG ships up to 50% of total national fuel consumption	CO2	Fiscal	Planned 2018	Ministry of Economic Development, Ministry of Finance	160	1800
<b>Total effect of planned policies</b>							<b>12209</b>	<b>38124</b>

**Table 4.19 - policies and measures no longer in place**

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
1	Third "Conto Energia" (art.3 paragraph 1, decree 6 august 2010) and Fourth "Conto Energia" (Decree 5 May 2011)	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 8000 MW	CO2	Economic	Implemented 2010	Ministry of economic development	2300	-
2	Third "Conto Energia: photovoltaic (art.3 paragraph 2, decree 6 august 2010)	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 3000 MW	CO2	Economic	Implemented 2010	Ministry of economic development	900	-
3	Green Certificate - budget law 2008	Green Certificate increased every year by 0,75% for 2007 - 2012 and establish an All-Inclusive rate for plants <1 Mwe	CO2	Economic	Implemented 2009	Ministry of economic development	4000	-
4	European regional development fund (ERDF), National Strategic Framework 2008-2013 - increase of renewable energy in electricity production	Supporting system for RES with Regional operative program (POR) and Interregional operative program (POIN)	CO2	Economic	Expired 2008	Ministry of economic development	1400	
5	White certificates - decree December 2007 - CHP	Supporting CHP and district heating plants for 2008-2012	CO2	Economic	Expired 2008	Government, GSE and electricity and gas distributors	970	

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementation	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
6	National Strategic Framework 2007-2013 - ERDF	Supporting CHP and energy savings with POR (Operative Regional Programs) and POIN (Operative Regional Programs)	CO2	Economic	Expired 2007	Regions	240	-
7	White certificates - decree December 2007 - Industry	Supporting electric energy saving for the period 2008-2012	CO2	Economic	Expired 2008	GSE- Manager for Energy Service	2020	
9	European regional development fund (ERDF), National Strategic Framework 2008-2013 - Electric energy saving in the energy industry sector	Supporting electric energy saving with POR (Operative Regional Programs) and POIN (Operative Interregional Programs)	CO2	Economic	Expired 2008	Regions	660	
13	White certificates - decree December 2007 - Commercial	Supporting energy savings 2008-2012 (Energy Efficiency)	CO2	Economic	Implemented 2008	GSE- Manager for Energy Service	3120	-
15	National Strategic Framework 2007-2013 - ERDF - Residential energy saving	Supporting electric energy saving with POR (Operative Regional Programs) and POIN (Operative Interregional Programs) in buildings	CO2	Economic	Expired 2008	Regions	420	

PaMs number	Name of PAM	Target and/or activity affected	GHG affected	Type of instrument	Status and start year of implementati on	Implementing entity or entities	TOTAL GHG Reduction (kt CO2 eq.)	
							2020	2030
17	National Strategic Framework 2007-2013 - FESR - increase public transportation in urban area	Intermodal infrastructure projects: expansion of metropolitan railways/ subway	CO2	Planning	Implemented 2007	Ministry of transport	1280	-
<b>Total effect of policies no longer in place</b>							<b>17310</b>	

**Table 4.20 - Table 3 of the Common Tabular Format (CTF) - Progress in achievement of the quantified economy-wide emissions reduction target: information on mitigation actions and their effects**

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Third "Conto Energia" (art.3 paragraph 1, decree 6 august 2010) and Fourth "Conto Energia" (Decree 5 may 2011)	Yes	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Implemented	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 8000 MW	2010	Government: Ministry of economic development	2,300	
Third "Conto Energia" : photovoltaic (art.3 paragraph 2, decree 6 august 2010)	Yes	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Implemented	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 3000	2010	Government: Ministry of economic development	900	
Green Certificate - budget law 2008	Yes	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Implemented	Green Certificate increased every year by 0,75% for 2007 - 2012 and establish "omnicomprensiva" rate for plants	2009	Government: Ministry of economic development	4,000	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
European regional development fund (ERDF), National Strategic Framework 2008-2013 - increase of renewable energy in electricity production	Yes	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Implemented	Supporting system for RES with Regional operative program (POR) and Interregional operative program (POIN)	2008	Local: Regions	1,400	
White certificates - decree december 2007 - CHP	Yes	Energy	CO2	Supporting CHP and district heating plants for 2008-2012	Economic	Implemented	Efficiency improvement in the energy and transformation sector (Energy supply)	2008	Government: Italian Regulatory Authority for Electricity Gas and Water	970	
National Strategic Framework 2007-2013 - ERDF	Yes	Energy	CO2	Efficiency improvement in the energy and transformation sector (Energy supply)	Economic	Implemented	Supporting CHP and energy savings with POR ( Operative Regional Programs) and POIN ( Operative Regional Programs)	2007	Local: Regions	240	
White certificates - decree december 2007 - Industry	Yes	Energy	CO2	Efficiency improvement in industrial end-use sectors (Energy consumption)	Economic	Implemented	Supporting electric energy saving for the period 2008-2012	2008	Other: GSE- Manager for Energy Service	2,020	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Ecodesign of energy-using products - Legislative decree 201/07 (transposition of directive 2005/32/EC- first regulations)	Yes	Energy	CO2	Installation of highly efficient electric motors and inverters through minimum mandatory standards	Regulator y	Implemented	Efficiency improvement in industrial end-use sectors (Energy consumption)	2008	Government: Italian Regulatory Authority for Electricity Gas and Water	1,920	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
European regional development fund (ERDF), National Strategic Framework 2008-2013 - Electric energy saving in the energy industry sector	Yes	Energy	CO2	Efficiency improvement in industrial end-use sectors (Energy consumption)	Economic	Implemented	Supporting electric energy saving in the building sector with POR and POIN. POR are Operative Regional Programs. The regions involve in that programs are Basilicata, Calabria, Campania, Puglia, Sardegna, Sicilia and Molise. All the PORS support the socio-economic development of the regions and have a coherent approach and are divided into six chapters: analysis of the situation, development strategy, priorities for action, measures of the program, financial plan, implementing provisions. POIN are Operative INterregional Programs. The regions involve are Calabria, Campania, Puglia and Sicilia. All the POINs are the main instrument	2008	Local: Region s	660	



Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Reduction of emissions of N2O from nitric acid production	Yes	Industry/industri al processes	N2O	Installation of abatement technologies (Industrial processes)	Voluntary Agreemen t	Implemented	Significant reductions in process emissions from nitric acid production plants due to the application of BAT ( Best Available Technology)	2010	Companies: Plants	740	
Building Regulation (Legislative decree 192/05 as amended by legislative decree 311/06)	Yes	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Regulator y	Implemented	Minimum mandatory standards on new and existing buildings (Energy Efficiency)	2006	Local: Municipalities , Government: Ministry of economic development	3,610	
Tax deduction for energy saving in buildings - Budget law 2007 , Budget law 2008 and Budget law 2009	Yes	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Fiscal	Implemented	Supporting of energy saving in existing buildings through tax deduction of 55%	2008	Government: Ministry of Finance	1,050	
White certificates - decree december 2007 - Commercial	Yes	Energy	CO2	Efficiency improvement in services/ tertiary sector (Energy consumption)	Economic	Implemented	Supporting of energy saving 2008-2012 (Energy Efficiency)	2008	Other: GSE- Manager for Energy Service	3,120	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Legislative decree 201/07 (transposition of directive 2005/32/EC ) - Increase efficiency of appliances in residential sector	Yes	Energy	CO2	Efficiency improvement of appliances (Energy consumption)	Regulator y	Implemented	First regulation on mandatory energy efficiency standards for energy-using products	2008	Government: Ministry of Economic Development	2,600	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
National Strategic Framework 2007-2013 - ERDF - Residential energy saving	Yes	Energy	CO2	Efficiency improvement of appliances (Energy consumption)	Economic	Implemented	Supporting electric energy saving in the building sector with POR and POIN. POR are Operative Regional Programs. The regions involve in that programs are Basilicata, Calabria, Campania, Puglia, Sardegna, Sicilia and Molise. All the PORS support the socio-economic development of the regions and have a coherent approach and are divided into six chapters: analysis of the situation, development strategy, priorities for action, measures of the program, financial plan, implementing provisions. POIN are Operative INterregional Programs. The regions involve are Calabria, Campania, Puglia and Sicilia. All the POINs are the main instrument	2007	Local: Regions	420	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Infrastructural measures - Increase of high capacity and high speed rail networks	Yes	Transport	CO2	To improved transport infrastructure (Transport)	Other (Planning)	Implemented	High Capacity and High Speed rail. Regional networks for passengers	2008	Government: Ministry of transport	5,700	
National Strategic Framework 2007-2013 - FESR - increase public transportation in urban area	Yes	Transport	CO2	Modal shift to public transport or non-motorized transport (Transport), Metropolitan railways ()	Other (Planning)	Implemented	Intermodal infrastructure projects: expansion of metropolitan railways/ subway	2007	Government: Ministry of transport	1,280	
Emission standard for new car (Regulation (EC) No 443/2009)	Yes	Transport	CO2	Efficiency improvements of vehicles (Transport)	Regulator y	Implemented	Fleet update at 120 g CO2/km in 2015 and 95 g CO2/km in 2020	2009	Government: Ministry of Economic Development	10,200	
Legislative decree 128/05(transposit ion of directive 2003/30/EC) - mandatory use of biofuels	Yes	Transport	CO2	Low carbon fuels/electric cars (Transport)	Regulator y	Implemented	Mandatory use biofuels (target 4.5% to 2012)	2008	Government: Ministry of Economic Development	1,490	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Legislative Decree 28/2011 ( transposition of directive 2009/28/EC) - Mandatory use of biofuels	Yes	Transport	CO2	Low carbon fuels/electric cars (Transport)	Regulator y	Implemented	Mandatory use biofuels (target 10% to 2020). This measure include also the mandatory use of renewable electricity by railways	2014	Government: Ministry of Economic Development	1,580	
Emissions of nitrous oxide from agricultural soil - Nitrogen fertilizer	Yes	Agriculture	N2O	Reduction of fertilizer/man ure use on cropland (Agriculture)	Regulator y	Implemented	Rationalisation in the use of nitrogen fertilizer	2007	Government: Ministry of Agriculture	790	
Emissions of methane from manure management - Animal storage	Yes	Agriculture	CH4	Improved animal waste management systems (Agriculture)	Regulator y	Implemented	Recovery of biogas from animal storage system	2007	Government: Ministry of Agriculture	400	
Increase separate collection of urban waste	Yes	Waste management/waste	CH4	Reduced landfilling (Waste)	Regulator y	Implemented	Compliance with separate collection targets and reduction of biodegradable waste disposed into landfills	2008	Local: Regions	3,700	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Minimum requirement for building (Interministerial decree June 26th 2015)	Yes	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Regulator y	Implemented	Application of the minimum energy performance requirements for buildings. These requirements apply to public and private buildings, whether they are new buildings or existing buildings subject to restructuring	2015	Government: Ministry of Economic Development		4,000
New measure to promote and support renewable energy sources for electricity (RES-E) - photovoltaic	No	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Planned	Renewable energy - photovoltaic : supporting the expansion of photovoltaic and concentrated solar power plants (CSP) through feed in tariffs until a maximum capacity of 40 GW. (Current installed capacity in 2015 18 GW, total new capacity 2016-2030: 22+2 GW)	2020	Government: Ministry of economic development		8,568

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
New measure to promote and support renewable energy sources for electricity (RES-E) - wind	No	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Planned	Renewable energy - Wind : promotion of new plants and repowering of existing ones up to a maximum of 16 GW of installed power ( current installed capacity in 2015 9.2 GW)	2018	Government: Ministry of Economic Development		4,229
New measure to promote and support renewable energy sources for electricity (RES-E) - biomass	No	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Planned	Renewable energy - Biomass : futher exstention of incentives so that existing plants run up to 2030. New bioenergy ( agriculture and urban waste and secondary product) with incentives only for small plants capacity	2018	Government: Ministry of Economic Development		
New measure to promote and support renewable energy sources for electricity (RES-E) - Other renewables	No	Energy	CO2	Increase use of renewable energy (Energy supply)	Economic	Planned	Renewable energy - Other : review of auction rules and mechanisms for hydro, geothermal energies and high efficiency cogeneration	2018	Government: Ministry of Economic Development		

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Coal phase out	No	Energy	CO2	Switch to less carbon-intensive fuels (Energy supply)	Regulator y	Planned	Gradual phase-out of coal-fired installations subject to system adequacy (adequate replacement capacity) and measures to preserve employment (still available 3280MW in 2030)		Government: Ministry of Economic Development		7,758
2017 National Grid Development Plan - Grid upgrade	No	Energy	CO2	Reduction of losses (Energy supply)	Other (Planning)	Planned	Development of the national electricity transmission and distribution network to allow the increase of the Distributed Generation (DG) - the effect of this measure is distributed in all PAMs regarding electricity consumption	2020	Companies: TERNA - Manager for the electricity transmission grids (Companies)		



Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
2017 National Grid Development Plan - Smart grid	No	Energy	CO2	Reduction of losses (Energy supply)	Other (Planning)	Planned	Increasing flexibility of electricity network for the management of production from RES - the effect of this measure is included in measures 25 and 26	2020	Companies: Terna - Manager for the electricity transmission grids (Companies)		
Development of district heating network	No	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Other (Planning)	Planned	30% development of the district heating (renewable energy and high efficiency cogeneration)	2018	Local: Municipalities		
Installation of two new LNG terminals	No	Energy	CO2	Switch to less carbon-intensive fuels (Energy supply)	Other (Planning)	Planned	LNG terminals with a capacity of 4 bcm annual	2018	Government: Ministry of Economic Development		
Natural gas in Sardinia	No	Energy	CO2	Switch to less carbon-intensive fuels (Energy supply)		Planned	Development of terminals for gas vessels, small coastal storage area and a medium and high pressure distribution network	2017	Government: Ministry of Economic Development		

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Reconversion of refinery industry	No	Energy	CO2	Increase use of renewable energy (Energy supply)	Other (Plannig)	Planned	Conversion at least another 1 or 2 refineries beyond Porto Marghera to biorefineries	2018	Government: Ministry of Economic Development		
Further extend of energy saving targets (White certificates 2020-2030)	No	Energy	CO2	Efficiency improvement in industrial end-use sectors (Energy consumption)	Economic	Planned	Energy efficiency measures in industry ETS and non-ETS up to 2.2 Mtoe saved	2018	Companies: GSE- Manager for Energy Service	3,700	4,400
Energy efficiency in residential building with tax deduction	No	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Fiscal	Planned	Restructuring for thermal insulation in residential buildings, 0.5% annual renovation rate, to be achieved through the remodeling of the tax deduction(65-55-36%) based on expected saving.	2018	Government: Ministry of Finance, Ministry of Economic Development	385	1,569

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Energy efficiency in residential building - upgrade entire building - tax deduction	No	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Fiscal	Planned	Restructuring for thermal insulation in residential buildings, 0.5% annual renovation rate, focused on "deep renovation" to be achieved through the remodelling of the tax deduction (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	2018	Government: Ministry of Finance, Ministry of Economic Development		
Energy efficiency in residential building - measure for supporting low income families	No	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Economic	Planned	Introduce title portability or structuring an incentive system integrated with energy redevelopment	2020	Government: Ministry of Finance		

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Energy efficiency in residential building - provision to rebuild housing including seismic upgrade	No	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Economic	Planned	Link the instrument with other incentive mechanisms by introducing measures for anti-seismic building	2020	Government: Ministry of Economic Development		
Energy efficiency in tertiary building	No	Energy	CO2	Efficiency improvements of buildings (Energy consumption)	Fiscal	Planned	Restructuring for thermal insulation in tertiary buildings, including very low emission building for central administration (The assessment of the impact of this measure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	2017	Regional: Regions, Government: Ministry of Finance (Government )	894	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Promoting energy saving in building (public, domestic, tertiary): insulation, replacement windows and boilers, installation of heat pumps and solar thermal panels (Legislative decree 28/2011)	No	Energy	CO2	Efficiency improvement of appliances (Energy consumption), Efficiency improvements of buildings (Energy consumption)	Economic	Planned	Investments of air conditioning systems (cooling and heating) in the residential sector, restructuring of the service sector's buildings. Installation of gas and electric heating pums , high efficiency boilers and floor heating system. Replacement of appliances (The assessment of the impact of this mesaure has not been finalized for 2030 because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	2017	Companies: GSE- Manager for Energy Service	4,080	

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Measure of promoting and supporting the development of charging infrastructure	No	Transport	CO2	Low carbon fuels/electric cars (Transport)	Regulator y	Planned	Transposition of DAFI 2014/94/EU directive : define and implement the plan for the development of alternative fuels infrastructure: electric car charging stations and natural gas filling stations. (The impact is included in the measures related in the alternatives fuels vehicles)	2017	Companies: Industries association and local authorities		
Modal shift from private cars to public buses and walking	No	Transport	CO2	Modal shift to public transport or non-motorized transport (Transport)		Planned	Modal shift of about 10% of car transportation demand in 2030 to public transport, car pooling, bikes and walking	2017	Government: Ministry of Transport	1,310	4,248

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Promoting and supporting renewal of car fleet with low carbon fuels	No	Transport	CO2	Low carbon fuels/electric cars (Transport)	Economic	Planned	Speed up the replacement of vehicle fleet with new vehicles, including CNG cars (up to 1.7millions), LPG cars (up to 2.7 millions), CNG vans (up to 1 million).	2017	Government: Ministry of Economic Development	1,220	3,180
Promoting and supporting renewal of car fleet with electrical vehicles	No	Transport	CO2	Low carbon fuels/electric cars (Transport)	Economic	Planned	Speed up the replacement of car vehicle fleet with electric cars up to about 3 million vehicles.	2017	Government: Ministry of Economic Development , Ministry of Finance Local: Municipalities	460	2,372

Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Promoting and supporting renewal of car fleet : futher expansion of electrical vehicles	No	Transport	CO2	Low carbon fuels/electric cars (Transport)	Economic	Planned	Increase the electrical vehicles to more than 10% of fleet by 2030, including cars (0.8 million) and electric vans (0.5 millions) (The assessment of the impact of this mesaure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	2025	Government: Ministry of Finance , Ministry of Enviroment		



Name of mitigation action	Include d in with measure s GHG projecti on scenario	Sectors affected	GHGs affecte d	Objective and/or activity affected	Type of instrume nt	Status of implementati on	Brief description	Start year of implementati on	Implementi ng entity or entities	Estimate of mitigati on impact kt CO2 eq 2020	Estimate of mitigati on impact kt CO2 eq 2030
Expansion of use of biofuel over 10% of road fossil fuels consumption, including biomethane	No	Transport	CO2	Low carbon fuels/electric cars (Transport)	Economic	Planned	Biofuels promotion: consumption in the transport sector of biomethane and about advanced biofuels through the conversion of refineries and / or traditional biodiesel plants (The assessment of the impact of this mesaure has not been finalized yet because the implementation involves public and private resources. It has still to be decided the type of instrument and the extent of public support)	2021	Government: Ministry of Economic Development , Ministry of Finance		
Promotion of LNG in transport	No	Transport	CO2	Low carbon fuels/electric cars (Transport)	Fiscal	Planned	Expansion of LNG heavy duty trucks up to 30% of the fleet and LNG ships up to 50% of total national fuel consumption	2018	Government: Ministry of Economic Development , Ministry of Finance Local: Municipalities	160	1,800

***Estimates of emission reductions and removals and the use of units from the market-based mechanisms and land use, land-use changes and forestry activities***

In CTF Table 4 total emissions excluding LULUCF, as reported in 2017 submission to the UNFCCC, in the framework of the Convention and the Kyoto Protocol, are included. The contribution from KP-LULUCF activities has been also included, reporting the provisional accounting figures as resulting from the 2017 Kyoto Protocol official submission and consistently with the table 4(a)II.

**CTF Table 4 - Reporting on progress**

		Base year/period	2010	2011	2012	2013	2014	2015	2016
Total (without LULUCF)	kt CO <sub>2</sub> eq	519,917.39	505,046.99	491,141.56	470,142.33	440,470.22	423,323.99	433,024.54	434,588.30
Contribution from LULUCF <sup>c</sup>	kt CO <sub>2</sub> eq							-23,578.96	NO
Market-based mechanisms under the Convention	number of units		8,574,802.00	13,343,202.00	19,702,991.00	47,002,111.00	23,632,008.00	24,253,678.00	8,835,526.00
	kt CO <sub>2</sub> eq		8,574.80	13,343.20	19,702.99	47,002.11	23,632.01	24,253.68	8,835.53
Other market-based mechanisms	number of units								
	kt CO <sub>2</sub> eq								

**Notes:**

Abbreviation: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

\* emissions and/or removals from the LULUCF sector included in the CTF Table 4 are based on the accounting approach applied taking into consideration any relevant decisions of the Conference of the Parties and the activities and/or land that will be accounted for; the value included in 2015 column refers to the reporting period 1990-2015, consistently with 2017 Italy's official submission under UNFCCC and with CTF Table 4(a)II

Italy has elected cropland management (CM) and grazing land management (GM) as additional activities under Article 3.4 for the second commitment period of the Kyoto Protocol (2013-2020). Following the Decision 2/CMP.7, the forest management (FM) has to be compulsorily accounted as an activity under Article 3.4. The forest management reference level (FMRL) for Italy, inscribed in the appendix to the annex to decision 2/CMP.7, is equal to –21.182 Mt CO<sub>2</sub> eq. per year assuming instantaneous oxidation of HWP, and –22.166 Mt CO<sub>2</sub> eq. applying a first-order decay function for HWP.

In the CTF Table 4(a)II, the information on reporting for the KP-LULUCF activities, for the 1990 (base year), 2013, 2014 and 2015, has been reported, consistently with the official submission under the Kyoto Protocol for the year 2017

**CTF Table 4(a)II Progress in achievement of the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the counting of emissions and removals from the land use, land-use change and forestry sector in relation to activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol<sup>a, b, c</sup>**

GREENHOUSE GAS SOURCE AND SINK ACTIVITIES	Base year	Net emissions/removals <sup>e</sup>									Accounting Parameters <sup>h</sup>	Accounting Quantity <sup>i</sup>
		2013	2014	2015	2016	2017	2018	2019	2020	Total <sup>g</sup>		
	(kt CO <sub>2</sub> eq)											
A. Article 3.3 activities												
A.1. Afforestation/reforestation		-7700.70	-8385.37	-8862.63						-24948.71		-24948.71
Excluded emissions from natural disturbances(5)												
Excluded subsequent removals from land subject to natural disturbances(6)		NO	NO	NO						NO		NO
A.2. Deforestation		2011.72	2022.73	2033.48						6067.93		6067.93
B. Article 3.4 activities												
B.1. Forest management										-92799.50		-26301.50
Net emissions/removals <sup>e</sup>		-30120.35	-31127.49	-31551.67						-92799.50		
Excluded emissions from natural disturbances(5)		NO	NO	NO						NO		NO
Excluded subsequent removals from land subject to natural disturbances(6)												
Any debits from newly established forest (CEF-ne)(7),(8)		NO	NO	NO						NO		NO
Forest management reference level (FMRL)(9)										-22166.00		
Technical corrections to FMRL(10)										NA		
Forest management cap <sup>i</sup>										146137.77		-26301.50
B.2. Cropland management (if elected)	-119.52	396.99	336.54	349.69						1083.22		1441.79
B.3. Grazing land management (if elected)	-5.13	-641.62	-672.23	-705.99						-2019.84		-2004.46
B.4. Revegetation (if elected)	NA	NA	NA	NA						NA		NA
B.5. Wetland drainage and rewetting (if elected)	NA	NA	NA	NA						NA		NA

Note:

a Reporting by a developed country Party on the information specified in the common tabular format does not prejudice the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

b Developed Country Parties with a quantified economy-wide emission reduction target as communicated to the secretariat and contained in document FCCC/SB/2011/INF.1/Rev.1 or any update to that document, that are Parties to the Kyoto Protocol, may use table 4(a)II for reporting of accounting quantities if LULUCF is contributing to the attainment of that target.

c Parties can include references to the relevant parts of the national inventory report, where accounting methodologies regarding LULUCF are further described in the documentation box or in the biennial reports.

d Net emissions and removals in the Party's base year, as established by decision 9/CP.2.

e All values are reported in the information table on accounting for activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, of the CRF for the relevant inventory year as reported in the current submission and are automatically entered in this table.

f Additional columns for relevant years should be added, if applicable.

g Cumulative net emissions and removals for all years of the commitment period reported in the current submission.

h The values in the cells "3.3 offset" and "Forest management cap" are absolute values.

i The accounting quantity is the total quantity of units to be added to or subtracted from a Party's assigned amount for a particular activity in accordance with the provisions of Article 7, paragraph 4, of the Kyoto Protocol.

j In accordance with paragraph 4 of the annex to decision 16/CMP.1, debits resulting from harvesting during the first commitment period following afforestation and reforestation since 1990 shall not be greater than the credits accounted for on that unit of land.

k In accordance with paragraph 10 of the annex to decision 16/CMP.1, for the first commitment period a Party included in Annex I that incurs a net source of emissions under the provisions of Article 3 paragraph 3, may account for anthropogenic greenhouse gas emissions by sources and removals by sinks in areas under forest management under Article 3, paragraph 4, up to a level that is equal to the net source of emissions under the provisions of Article 3, paragraph 3, but not greater than 9.0 Mt of carbon times five, if the total anthropogenic greenhouse gas emissions by sources and removals by sinks in the managed forest since 1990 is equal to, or larger than, the net source of emissions incurred under Article 3, paragraph 3.

l In accordance with paragraph 11 of the annex to decision 16/CMP.1, for the first commitment period of the Kyoto Protocol only, additions to and subtractions from the assigned amount of a Party resulting from Forest management under Article 3, paragraph 4, after the application of paragraph 10 of the annex to decision 16/CMP.1 and resulting from forest management project activities undertaken under Article 6, shall not exceed the value inscribed in the appendix of the annex to decision 16/CMP.1, times five

The use of flexible mechanisms takes place on the one hand by operators in the EU ETS, on the other hand by governments for the achievement of ESD targets (see section 2.2.2.3). Under the EU ETS, CERs and ERUs have been surrendered directly for compliance purpose until 2013; since 2014 it is no longer possible to track the use of flexible mechanisms directly because CERs and ERUs are no longer surrendered rather they are exchanged into EUAs. The values in Table 4 reflect this situation. With regards to the ESD, there has been no use of flexible mechanisms up till now.

## 5. Projections<sup>27</sup>

### Introduction

During the 2016 the Head of Government Office has started and coordinated a process to develop the national reference scenario. This process involved:

- Ministry of Environment, Land and Sea; Ministry of Economic Development; Ministry of Economy and Finance; Ministry of Agriculture; Ministry of Transport and Infrastructures;
- ISPRA – National Institute for Environmental Protection and Research (linked to the Ministry of Environment); ENEA – National Agency for New Technologies, Energy and Sustainable Economic Development (linked to the Ministry of Economic Development); ISTAT – National Institute of Statistics; The Italian Regulatory Authority for Electricity, Gas and Water – the independent regulatory body of the energy markets and the integrated water services;
- Public/private companies as
  - o GSE – a State-owned company which promotes and supports renewable energy sources and energy efficiency. GSE is the parent company of:
    - Acquirente Unico (AU) – Supply to domestic sector and small enterprises;
    - Gestore dei Mercati Energetici (GME) – Manager of power and gas markets;
    - Ricerca sul Sistema Energetico (RSE) – Research on electrical energy production, distribution and consumption;
  - o SNAM – responsible for the construction and management of natural gas infrastructure (transportation, storage and regasification);
  - o TERNA – responsible for national electricity grid's operation, maintenance and development.

The achievement of this inter-ministerial process has been the development of a National Reference Scenario, reported here as With Measures (WM) scenario. The scenario takes into account the evolution of the national energy system and it considers only policies in force on December 31st, 2014 and minimal standards for building efficiency measure which was adopted in June 2015. The same assumptions used by the European Commission for PRIMES 2016 Reference scenario are adopted in the WM scenario. The base year for the projections is 2015, by the last emission inventory data submitted to UNFCCC.

The scenario has been produced with the partial equilibrium model TIMES (The Integrated MARKAL-EFOM1 System / EFOM Energy Flow Optimization Model), a model generator for local, national or multi regional economies finalized to the analysis of whole energy systems (electricity generation and consumption, heat distribution, transports, industries, civil, etc.). The model belongs to the family of MARKAL (Market Allocation, <http://www.iea-etsap.org/web/Markal.asp>) models, the so-called “3e models” (energy, economy, environment), and was developed by the International Energy Agency (IEA) under the program Energy Technology Systems Analysis Program (ETSAP). This model is recognized by the International Panel on Climate Change (IPCC).

The energy system thus simulated is composed by a number of different sectors and subsectors (e.g. electricity production, industrial activities, residential buildings, etc.), each one consisting of a set of technologies connected by input-output linear relationships. Inputs and outputs can be energy carriers, materials, emissions or requests for services. TIMES is a bottom-up, demand-driven model in which each technology is identified by technical and economic parameters and the production of a good is conditioned to the effective demand by end-users.

The structure of energy scenarios is defined by variables and equations determined by input data constituting the regional database. The database contains qualitative and quantitative data describing the interaction between different components of the energy system.

TIMES identifies the optimal solution to provide energy services at the lowest cost, producing simultaneously investments in new technologies or using more intensively the available technologies in each region defined by the user. For example, an increase in electricity demand for residential use can be

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<sup>27</sup> Author: Antonio Caputo

satisfied with a more intensive use of available power plants or through the installation of new power plants. Model choices are based on the analysis of technological characteristics of available alternatives, the cost of energy supply and environmental criteria and bounds.

CO<sub>2</sub> emissions are directly calculated by the model implemented by ISPRA using IPCC “reference approach” methodology and national Emission Factors. The modelling approach avoids, in principle, the so called “double counting effect” for the implementation of policies, so the model evaluates the impacts and interactions among measures as a package. The model outcomes indicate the mix of technologies and primary emission sources fulfilling the commodity demands of the reference scenario at the lowest possible cost.

The model considers the effect of the average temperature change taking into account the dynamic of degree days as in PRIMES 2016.

The emissions from non-energy sources and other energy related GHGs different from CO<sub>2</sub> have been evaluated by the family of spreadsheet models used by ISPRA for the V and VI NCs to UNFCCC.

The overall GHGs emissions and the share between ETS and non-ETS sectors are the results of the mentioned models implemented by ISPRA.

A “With Additional Measures” (WAM) scenario has not been carried out in this Communication, because the new National Energy Strategy (“SEN 2017”)<sup>28</sup>, which includes new planned PaMs, has only been adopted in November 2017: accordingly, the subsequent new scenario could not be reported in this submission due to time constraints. Moreover, consistency had to be ensured with the National Communication submitted in 2017 by the European Union, which relied on previous communications made by Member States to the European Commission pursuant to Regulation No 525/2013/EC, Art. 13 and Art. 14.

A “Without Measures” (WOM) scenario, calculated with the same methodology of WM scenario, could not be included either, as most data on PaMs are not available starting from 1990 and, especially, since many structural changes occurred in the period 2000-2007 linked to technological changes and fuel shifts, so that it is not possible to determine how the energy system would have evolved without those changes. In this regard, fuel shifts toward low carbon fuels for electricity generation (since 1990 there has been a steady increase of natural gas share and a corresponding decrease of oil products share, see Figure 5.151) or the introduction of combined cycle plants (since 2000) are among the most important factors that make it impossible to evaluate how the national emissions would have evolved without any measure. Nevertheless, it is possible to perform emission projections without measures entered into force since 2007 by interpolating the estimated impact of PaMs up to 2030 and adding such impact to WM projections. Moreover, the emission projections of WM scenarios reported in the previous National Communications (mainly in the fourth one) could supply estimates of emissions without the measures implemented after 2000 (see par 5.6).

## **WM scenario**

### **Main assumptions**

The WM scenario was elaborated in 2016 and projections include all PaMs implemented or adopted up to the end of 2014 and minimal efficiency standards for buildings adopted in 2015. The base year for projections is 2015. The projected years are 2020, 2025 and 2030. The main assumptions of the scenario are reported in table 5 of the annexes and can be summarized as follows:

- GDP: economic growth from 2015 to 2020 with average annual rate of +0.71%. For the period 2020-2025 the average annual rate is +1.18%, and for period 2025-2030 is +1.19%, in accordance with PRIMES 2016;

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<sup>28</sup> <http://www.sviluppoeconomico.gov.it/index.php/it/energia/strategia-energetica-nazionale>

- energy: reduction of energy consumption and increase of renewable sources toward EU 2030 targets;
- population: increase up to 2030 with an average annual rate of 0.37% since 2015 in accordance with PRIMES 2016.

The scenario takes into account a recovery from the economic crisis that has hit all national activities, and it also considers the development of low carbon technologies and efficiency improvement. The main driving variables used for projections of demand for energy services in the end-use sectors, are:

- industry: gross value added (GVA) and, for some sub-sectors, physical productions;
- tertiary: GVA;
- residential: demographic trends (mainly population and number of households), increase in the number of appliances per household and growing demand for summer cooling;
- electricity generation: continuation of the ongoing growth of renewable sources;
- transport: dynamics of active population (along with assumptions about mobility per capita) and goods exchange, fleet renewal with low emissions engines.

### General Economic Parameters

Table 5.1 shows actual and projected values for GDP and GVA.

As already mentioned, the GDP growth is assumed from 2015 with an average year rate of +0.71% up to 2020, following the recovery from the economic crisis. The GDP values for 2020 and following projected years are those provided by PRIMES 2016 for the Reference Scenario. Among the factors that motivate this "prudent" vision up to 2020, there is the slow recovery of gross value added in the industrial sector that has incurred in the most relevant reduction of activity during the economic crisis period. This lower rate is mainly due to the rigidity of the Italian industrial structure, characterized by a low average size of companies and by a competitive disadvantage in the high-tech sectors<sup>29</sup>. In future years, tertiary sector will grow at a higher rate, further increasing its role in the Italian economy.

Table 5.2 shows the energy and carbon international prices which are all following increasing trends according with the same assumption made in PRIMES2016 for the Reference Scenario.

The increase in carbon price is particularly steep during the period 2015-2030, while the foreseen growth for energy prices is much slower.

**Table 5.1 – Actual (up to 2015) and projected GDP, and GVA**

billions € 2010	2010	2015**	2020	2025	2030
constant prices basis					
GDP	1,605	1,547	1,603	1,699	1,803
Average annual rate (%)		-0.72%	0.71%	1.18%	1.19%
GVA – industry*	312	292	300	311	324
Average annual rate (%)		-1.31%	0.58%	0.69%	0.83%
GVA – tertiary	1,063	1,033	1,110	1,186	1,264
Average annual rate (%)		-0.57%	1.46%	1.32%	1.29%
GVA – agriculture	28	24	25	26	27

<sup>29</sup> ENEA, L'Italia nella competizione tecnologica internazionale, Quinto rapporto, Sintesi e scenari generali, 2006; Centro Europa Ricerche, Crisi delle esportazioni: quello che la lira ci aveva nascosto, Rapporto CER 4/2004; Confindustria, Tendenze dell'industria italiana, 2004, Editore SIPI Srl, Roma.

Average annual rate (%)	-2.99%	0.78%	0.55%	0.34%
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\*including Constructions and excluding: Manufacture of coke and refined petroleum products; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities

\*\*2015 data are those made public by ISTAT in march 2016 and differ slightly by the most recent review, anyhow the difference is small enough not to influence the model results

**Table 5.2 – Energy and carbon international prices**

		2010	2015	2020	2025	2030
Coal prices	€ 2010 / toe	132	80	100	119	143
Oil prices	€ 2010 / toe	434	337	524	595	655
Gas prices	€ 2010 / toe	286	271	337	365	397
Carbon price	€ 2010 / t CO <sub>2</sub>	10	7	14	22	32

## Population and transport

The population grew significantly from 2005 to 2015 with annual average rate of 0.46%. The annual growth rate from 2015 to 2020 is 0.41%. The average annual rate for the following years is quite stable around 0.34% up to 2030 (Table 5.3). For the period 2020-2030, the projected population is the same as in PRIMES 2016.

**Table 5.3 – Population**

	2005	2010	2015	2020	2025	2030
2007 IV NC	58,462	58,531	58,471	58,123		
2009 V NC	58,462	60,190	61,130	61,160		
2013 VI NC (BR1)	58,462	60,340	61,138	61,634	61,986	62,129
2015 BR2	58,064	59,707	61,640	62,500	63,080	63,680
2017 VII NC (BR3)	57,875	59,190	60,800	62,065	63,118	64,229

The change in past years' population figures, with reference to previous submissions, is due to the last decennial Census by National Statistical Institute, published at the end of 2012, that pointed out lower population levels than those previously estimated for 2011 to about 59,365 thousand.

Table 5.4 shows data of transport demand for passengers and freights. The expected activity scenario for transport shows a steady growth from 2015 to 2030 following the recovery from the economic crisis as confirmed by data for 2015 and provisional data for recent years. The transport demand increases up to 2020 compared to 2015 with annual rate of 2.5% for passengers and 5.2% for goods. After 2020, up to 2030, the annual rate becomes more stable around 0.7% for passengers and 1.0% for goods.

**Table 5.4 – Transport demand for passengers and freights**

		2010	2015	2020	2025	2030
Passenger person kilometers	billion pass-km, excluding civil aviation	919	901	1,017	1,055	1,094
Freight ton kilometers	billion ton-km>50km, only national vectors	211	225	289	306	323

Source: ISPRA

The next table shows the number of person per household adopted for GHG projections in residential sector. As for the average floor space, a constant value of 102.5 m<sup>2</sup> has been used for the whole period of projections.

**Table 5.5 – Inhabitants per household**

	2010	2015	2020	2025	2030
Inhabitants/Household	2.40	2.40	2.44	2.42	2.40

Source: ISPRA

### *The European context*

Italy is a EU Member State and its 2015 GHGs emissions account for about 10.0% of European Union's (EU 28) actual emissions<sup>30</sup>. Many mitigation policies as well as monitoring commitments are coordinated at EU level.

Under the overall commitment of 20% reduction of GHG compared to 1990 levels by 2020, concerning non-ETS, Italy is committed to reduce its emissions of 13%<sup>31</sup> by 2020 with respect to 2005 level under Decision n. 406/2009/EC (the so-called "Effort Sharing Decision" ESD). The emissions and removals from LULUCF sector are excluded from Effort Sharing Decision n. 406/2009/EC. More details on 2020 targets are reported in the Chapter 4.

In October 2014, the European Commission has presented a Communication on the "Climate and Energy Package 2030" to the European Council of the Head of States and Government. In the same meeting the European Council has approved conclusions that include a quantified reduction target for the 2030 horizon. The main target set by those conclusions is the endorsement of a binding EU-wide GHG reduction of at least 40% by 2030, with reference to 1990 level. To that aim, the Council conclusions indicate that the target will be delivered collectively by the EU with the reduction in ETS and non-ETS sectors amounting to 43% and 30% by 2030 compared to 2005, respectively. The Council Conclusions also include an EU-wide target for renewable sources of 27% and an indicative target of 27% for the energy efficiency (energy savings compared with the business-as-usual scenario). This last target will be reviewed in 2020 having in mind a 30% target.

Following the above-mentioned Council conclusions, the European Parliament and the Council have proposed a legislative package for the non-ETS sector which would require Italy to reduce GHG emissions by 33% compared to 2005 levels within 2030; a proposal on the inclusion of emissions and removals

<sup>30</sup> Data from CRF, year 2015, of National Inventory Submission 2017 of European Union and Italy to the UNFCCC Secretariat.

<sup>31</sup> ETS sectors contribute for a collective reduction of 21% of emissions compared to 2005. As also explained in Chapter 4, the ETS cap is not attributed to Member States but it's managed at EU level and declines in order to achieve the target



from LULUCF into the 2030 Climate and Energy Framework has been also presented. In particular, the proposed legislative package includes a new flexibility which allows for a limited use of net removals from certain LULUCF accounting categories, while ensuring no debits occur in the LULUCF sectors, to account for Member State compliance towards the targets in the non-ETS sectors if needed. The proposed cap, for Italy, is about 11 Mt CO<sub>2</sub>eq. for the entire 2021-2030 period.

As for the European monitoring and reporting mechanisms, Decision No. 525/2013/EC establishes the following commitments:

- ensuring the timeliness, transparency, accuracy, consistency, comparability and completeness of reporting by the Union and its Member States to the UNFCCC Secretariat;
- reporting and verifying information concerning commitments of the Union and its Member States pursuant to the UNFCCC, Kyoto Protocol and related decisions adopted and evaluating progress towards meeting those commitments;
- monitoring and reporting all anthropogenic emissions by sources and removals by sinks of greenhouse gases not controlled by the Montreal Protocol on substances that deplete the ozone layer in the Member States.

In particular, article 14 of Decision No. 525/2013/EC foresees, by 15 March 2015 and every two years thereafter, that Member States shall report to the European Commission national projections of anthropogenic greenhouse gas emissions by sources and removals by sinks, organized by gas or group of gases (HFCs and PFCs) listed in Annex I and by sector. Those projections shall include quantitative estimates for a sequence of four future years ending with 0 or 5 immediately following the reporting year. National projections shall take into consideration any policies and measures adopted at Union level.

### *Consumption of primary and final energy*

The total primary energy supply (TPES), estimated according to Eurostat methodology, will be about 150.4 in 2030 with an average yearly decrease rate of -0.2% since 2015.

TPES started to decrease since 2005, before the economic crisis, while in the period 1990-2005 it has constantly increased with an annual average equal to +1.4%.

The share of natural gas increased constantly since 1990 counterbalancing the corresponding decrease of oil share. In the last years, it is also evident the growing role of renewable energies.

Figure 5.2 shows the projections of gross inland consumption according to the present NC and previous NCs and BRs. Relevant changes can be observed in the estimated total energy consumption between the previous 6<sup>th</sup> NC (WM and WAM scenarios with base year 2010) and the updated one due to the extension of the economic crisis and the adoption of new measures. Between the NC6 and NC7 scenarios, there were those carried out for the 2<sup>nd</sup> Biennial Report (WM and WAM scenarios with base year 2013). As it can be noted, the recent outlook on recovery from the economic crisis is reflected in projections reported in the WM scenario.

Figure 5.1 – Fuel mix of TPES, historic data

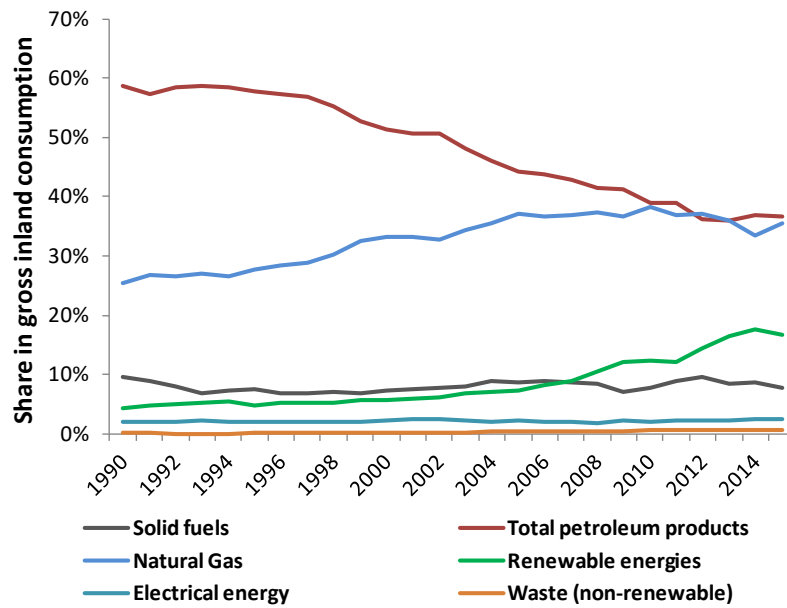
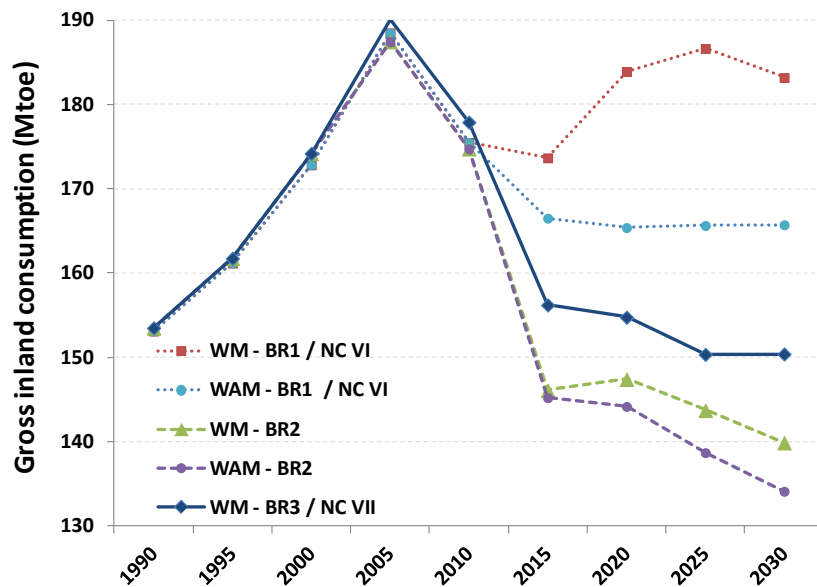


Figure 5.2 Actual and projected gross inland consumption, Mtoe



Note: energy consumption estimated according to Eurostat methodology

Source: ISPRA

It should also be noted that in 2014 ISTAT carried out a specific national survey on family energy consumption that showed much higher biomass consumption levels for domestic heating compared to previous estimates. For this reason, the whole time-series has been reviewed: for example, with regard to year 2010, biomass consumption has increased by almost 4 Mtoe, while for more distant years the increase is less than 2 Mtoe.

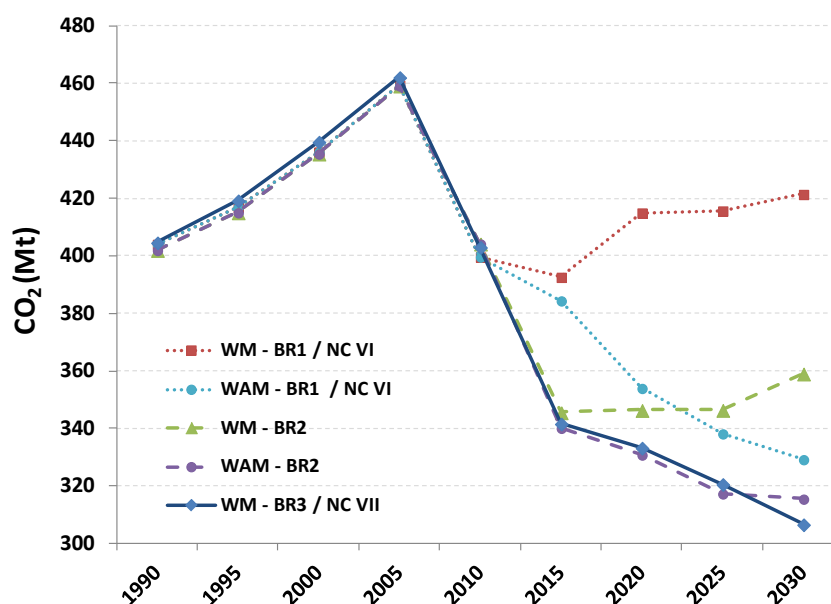
## GHG Emissions

Based on the above-mentioned parameters, the model jointly computes energy supply and CO<sub>2</sub> emissions, while other GHGs and non-energy GHG emissions are calculated on the basis of the estimated evolution of activity data and average emission factors. Emissions up to 2015 are inventory data as submitted to UNFCCC in 2017. Emission projections are summarized in table 6 of the Annexes.

As can be seen in Figure 5.3, final results show remarkable emission reductions in 2010 and 2015, and then a further slight decrease. The reduction in emissions is due to many different factors, some of them structural and other only temporary. The most important are:

- higher than expected share of renewable in TPES, due to anticipated development of photovoltaic production and diffusion of biomass for heating;
- increased efficiency of electricity generation, with the entry into service of many combined cycle plants;
- reduced fuel consumption in transportation due to high fuel prices and low activity levels;
- sharp reduction of energy consumption in industrial sector due to the economic crisis and structural changes in production;
- increase in efficiency of final end-use devices.
- 

**Figure 5.3 – Actual and projected CO<sub>2</sub> emissions from energy sector**



Note: net emission are the physical emissions in the Italian territory excluding the emission reductions due to flexible mechanism.

Source: ISPRA

Table 5.6 shows the WM scenario projections up to 2030. Emissions are disaggregated by source of emissions sector.

**Table 5.6 – WM Scenario's GHG emissions, disaggregated by source of emission sector (MtCO<sub>2</sub> eq.)**

	1990	1995	2000	2005	2010	2015	2020	2025	2030
<b>FROM ENERGY USES,</b>	<b>420.6</b>	<b>435.5</b>	<b>455.1</b>	<b>476.5</b>	<b>417.6</b>	<b>354.2</b>	<b>346.6</b>	<b>333.5</b>	<b>319.1</b>
<b>of which:</b>									
Energy industries	138.9	142.2	153.0	160.9	134.7	105.9	99.5	92.6	78.3
Industry	86.0	85.7	83.5	80.0	61.4	52.6	52.2	51.2	52.2
Transport	102.7	114.8	124.1	128.0	115.1	106.0	104.4	102.7	103.5
Residential and Commercial	69.8	69.6	73.9	87.7	88.9	74.1	74.7	71.7	70.2
Agriculture (energy use)	9.1	9.6	8.9	9.3	8.1	7.7	7.6	7.4	7.3
Other	14.0	13.7	11.7	10.7	9.5	8.0	8.3	7.9	7.7
<b>FROM OTHER SOURCES,</b>	<b>99.3</b>	<b>95.6</b>	<b>97.8</b>	<b>102.9</b>	<b>87.4</b>	<b>78.8</b>	<b>79.2</b>	<b>73.5</b>	<b>72.9</b>
<b>of which:</b>									
Industrial Processes + F-gas	40.5	38.2	38.8	45.7	34.6	30.0	33.5	29.9	30.3
Agriculture	35.6	35.6	34.9	32.7	30.5	30.0	30.5	30.6	30.6
Waste	23.3	21.8	24.1	24.6	22.4	18.8	15.2	13.1	12.0
<b>TOTAL</b>	<b>519.9</b>	<b>531.1</b>	<b>552.9</b>	<b>579.4</b>	<b>505.0</b>	<b>433.0</b>	<b>425.8</b>	<b>407.0</b>	<b>392.0</b>

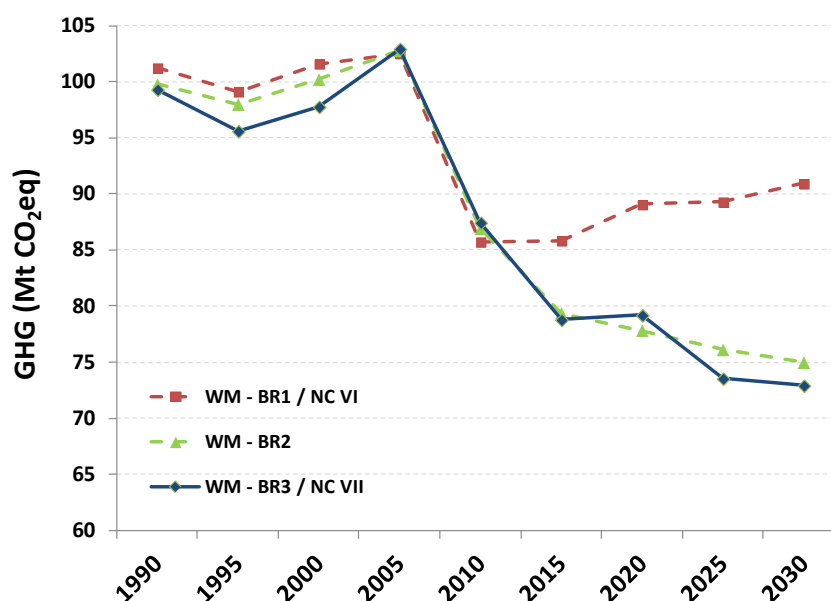
Source: ISPRA

Sector by sector analysis for the period 2015 – 2030 shows that:

- a notable shrink of emissions in energy industries is projected from 2015 to 2030 (-26.1%) mainly due to emissions reduction by power sector; in this sector, emissions are directly linked to the electricity production by fossil fuels, that outpaced the efficiency improvements up to 2008; the relevant expansion of renewable production after 2008 contributed to the emissions reduction. The emissions reduction observed in the projected years is due to further increase of thermoelectric efficiency, increase of renewable share, and fuel shift toward low carbon fuels;
- in the transport sector, the projected emissions will decrease by 2.4% from 2015 to 2030 as results of implemented measures, notwithstanding the increasing transport demand;
- civil sector shows a relevant decrease of emissions in the period 2015-2030 (-5.3%) mainly due to the efficiency increase of buildings; the emissions increase in the past is mainly linked to the expansion of services and residential building stock (second and third houses); increased house size and higher indoor temperature played an important role. In projection years, planned policies have a significant effect and are successful in curbing emissions;
- industrial emissions register a deep decrease in the period 2005 – 2015 (-34%); this reduction is due in part to the contraction of economic activities and in part to the structural change and increase of efficiency, whose effects can be seen in the projected emissions too. Indeed, in the period 2020-2030 industrial emissions are more or less stable even if the GVA is increasing;
- emissions from waste sector show the highest rate of reduction from 2015 to 2030 (-36.2%) mainly due to the decrease of waste disposal in landfills.

In figure 5.4 the emissions of CO<sub>2</sub> from non-energy sectors and other GHGs (CH<sub>4</sub>, N<sub>2</sub>O, and NF<sub>3</sub>) from energy and non-energy sectors are reported. It can be noted that emissions reduction was sharp between 2005 and 2015. According to the scenario, the projected emissions will further decrease by 10.3% from 2015 up to 2035. The overall trend represents the combination of different trends, such as a quite stable trend of emissions for industrial process, solvent and agriculture, and a sizeable reduction of GHGs emissions from the waste sector.

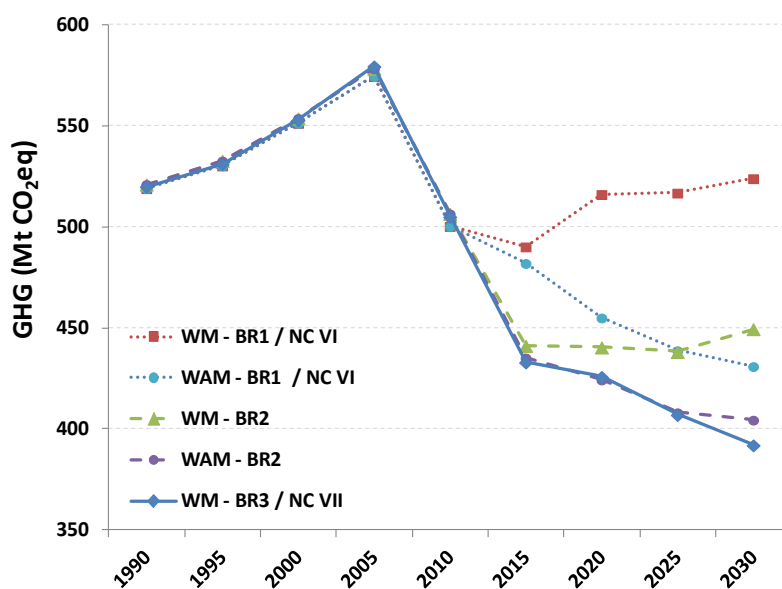
**Figure 5.4 – Actual and projected emissions of CO<sub>2</sub> from non-energy sectors and other GHGs from energy and non-energy sectors..**



Source: ISPRA

The resulting trend in total GHGs emissions is reported in figure 5.5. The current WM scenario is compared with the ones reported in previous NCs and Biennial Reports.

**Figure 5.5 – Actual and projected GHG emissions (Mt CO<sub>2</sub> eq.)**



Source: ISPRA

Table 5.7 reports emissions by gas expressed as CO<sub>2</sub> eq.

CO<sub>2</sub> emissions represent about 84% of total emissions. It is worth to note the sharp reductions of methane, HFCs, and SF<sub>6</sub> emissions in the period 2015-2030, amounting to 15.5%, 43.5% and 25.2%

respectively. As previously noted, the emissions contraction registered by methane is mainly due to the waste sector. The decreasing emissions of HFCs and SF<sub>6</sub> are mainly due to the implementation of the European Regulation n. 517/2014 on F-gases.

**Table 5.7 – WM Scenario's GHG emissions from 1990 to 2030, disaggregated by gas (MtCO<sub>2</sub> eq.)**

	1990	1995	2000	2005	2010	2015	2020	2025	2030
CO <sub>2</sub>	435.0	447.5	466.2	491.6	425.3	357.2	352.9	341.0	327.9
CH <sub>4</sub>	54.2	52.2	53.1	51.0	48.7	43.2	40.5	38.2	36.6
N <sub>2</sub> O	26.9	28.3	29.3	28.3	19.5	18.2	18.7	18.5	18.6
HFCs	0.4	0.8	2.1	6.1	9.6	12.3	11.8	7.3	6.9
PFCs	2.9	1.5	1.5	1.9	1.5	1.7	1.6	1.6	1.6
SF <sub>6</sub>	0.4	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3
NF <sub>3</sub>	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>519.9</b>	<b>531.0</b>	<b>552.8</b>	<b>579.4</b>	<b>505.0</b>	<b>433.0</b>	<b>425.8</b>	<b>407.0</b>	<b>392.0</b>
% wrt base year, 6 gases		2.1%	6.3%	11.4%	-2.9%	-16.7%	-18.1%	-21.7%	-24.6%

Source: ISPRA.

### *Energy industries sector*

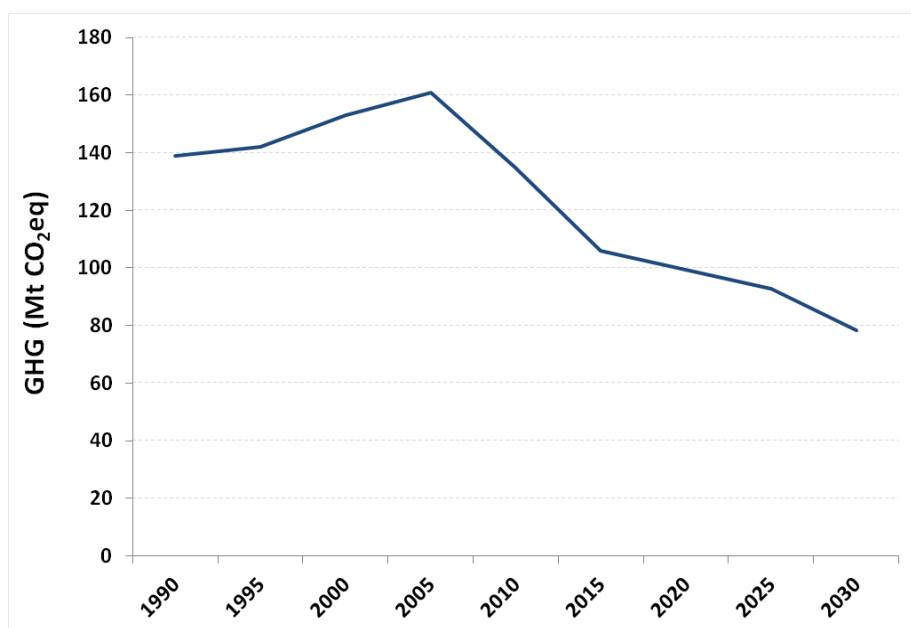
According to IPCC guidelines, the energy industries sector includes the electricity production from fossil fuels, refineries and the production of coke and of electricity from coal gases in integrated steel plants. Self-generated and self-consumed electricity are not included in the energy industries sector (see also chapter 3 and in particular CRF data in section 1.A.1 a-c) as they are included among industrial emissions (see also chapter 3 and in particular CRF data in section 1.A.2). The emissions from self-generated and self-consumed electricity were relevant in the past, but in recent years they only amount to about 10% of emissions from total electricity production, as reported in the NIR<sup>32</sup>.

The emissions from refineries are relevant but the lower consumption of fossil fuels in the transport sector foreseen in the next years will reduce the refineries activity. Moreover the production of coke only accounts for small quantities of emissions, so the projected emissions from the energy industry sector are mainly linked to electricity production.

As shown in Figure 5.6, between 1990 and 2005 a noticeable increase in emissions of 16% has been registered by the energy industries sector, more than 1% yearly. From 2005 onwards, emissions sharply decreased at an average annual rate of -4.1%. The declining trend in the last years is mainly driven by a reduced activity in the years of economic crisis and an increasing share of renewable sources to produce electricity. A significant role is also played by increasing fossil fuels efficiency for electricity generation. A further decrease of emissions is expected in the period 2015-2030 with an annual average rate of around -2%. The reduction is due to increasing share of renewable sources for electricity generation, lesser contribute is expected by efficiency factor due to limited scope remaining for technologies to increase the energy generation efficiency and for fossil fuel switch to gas.

<sup>32</sup> See Annex 2 and table A2.3 of National Inventory Report 2017, ISBN 978-88-448-0822-8 - ISPRA, 2017 <http://www.isprambiente.gov.it/it>

**Figure 5.6 – Energy industries actual and projected GHG emissions (Mt CO<sub>2</sub> eq.)**



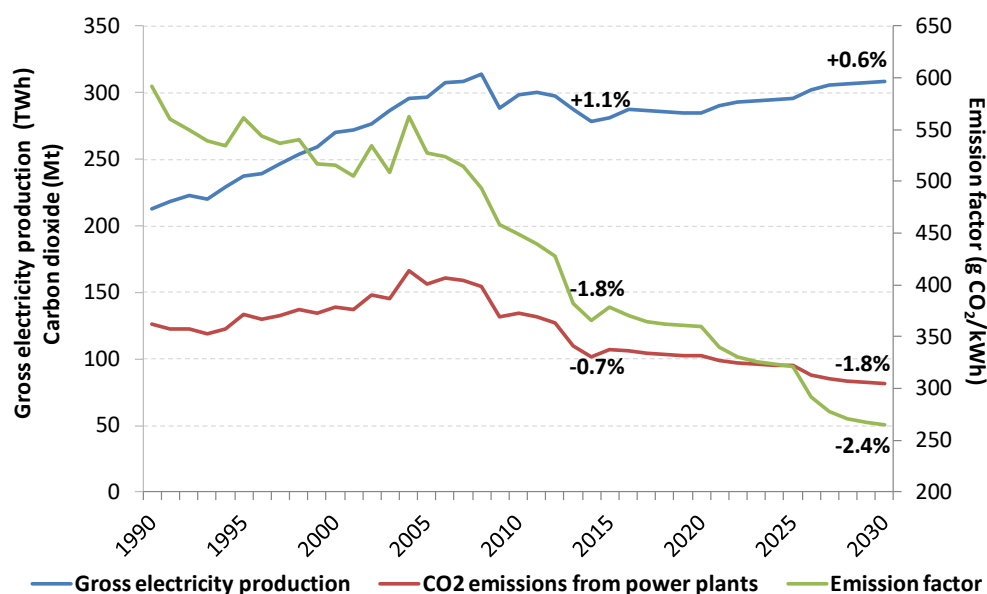
Source: ISPRA

## Electricity production

Data considered in this paragraph concern all electricity generation plants, including those plants usually dedicated to the supply of electricity and heat to sectors different from 1.A.1.a (Public electricity and heat production).

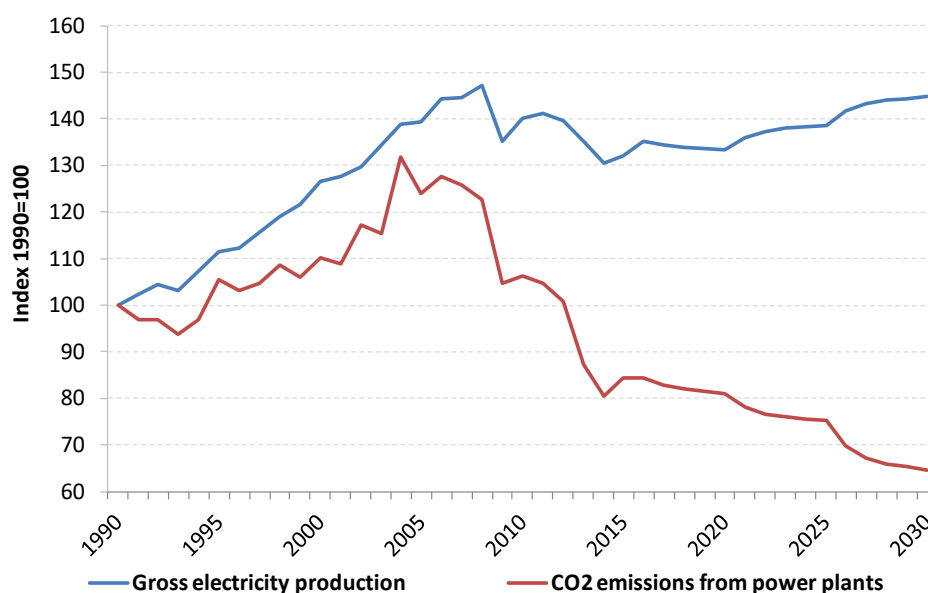
Historical data show a decoupling between CO<sub>2</sub> emissions from power plants and electricity production (Figure 5.7 and Figure 5.8). Since 1990, the electricity production increased constantly up to 2008 with an average annual rate higher than CO<sub>2</sub> emissions. The average growth rate of gross electricity production amounted to 2.2% per year from 1990 to 2008, doubling the growth rate of CO<sub>2</sub> emissions (1.1% per year) and thus showing a relative decoupling for the two parameters. From 2008 to 2014, the electricity production dropped down for the economic crisis (-2.0% per year for gross electricity production and -6.8% per year for CO<sub>2</sub> emissions). In the same period, it is evident how the decoupling between electricity production and CO<sub>2</sub> emissions becomes absolute as respective trends continue diverging. Such effect is mainly due to the sharp development of renewable sources in the period. Data for the last years (2015, 2016, and provisional data for 2017) show the increase of electricity production as result of economy recovery from the long financial and economic crisis that hit the national system.

Figure 5.7 – Electricity production and CO<sub>2</sub> emissions



Source: ISPRA

Figure 5.8 – Electricity production and CO<sub>2</sub> emissions relative trends on 1990



Source: ISPRA

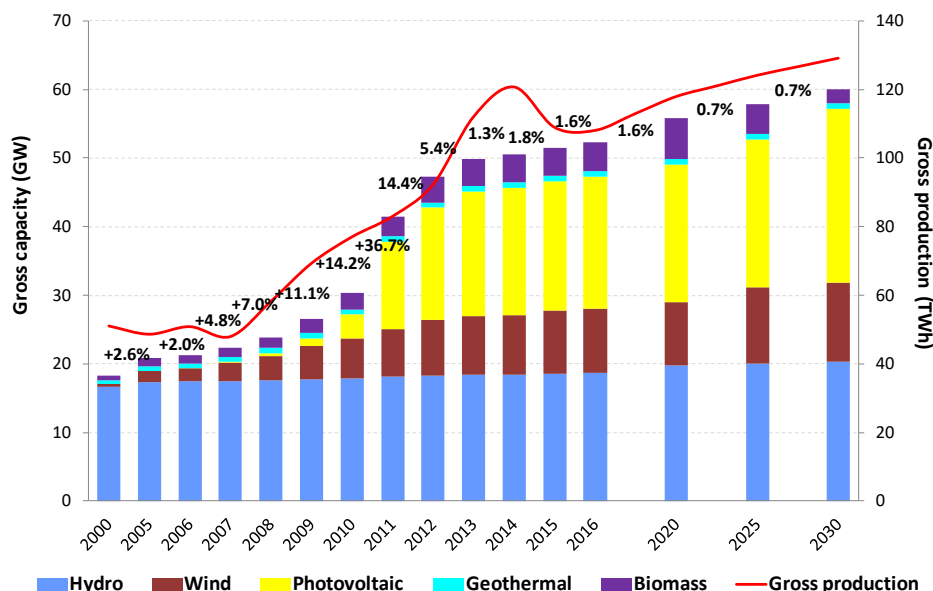
The decoupling between electricity generation and atmospheric emissions, particularly evident since 2004, is due to fuel shift toward lower carbon content fuels, and to a relevant increase in electricity production efficiency. Since 2007, the increasing share of renewable sources was the most relevant factor contributing to the decoupling trend (Figure 5.8).

According to WM scenario, the expected increase in electricity demand will be covered by a strong increase in installed renewable sources power. The installed capacity in 2015 was 51.5 GW, with an average growth rate of 5.2% per year from 2000 to 2010 and of 11.2% per year in the following years up to 2015. From 1990 to 2008, hydropower was the most relevant renewable source; after 2008, other sources have become more and more relevant. Since 2013, the annual rate of new installed capacity has shown a slowdown, while the electricity production has registered a downturn mainly due to the sharp



reduction of hydropower share (Figure 5.9). The installed renewable capacity projected for 2030 is about 60 GW, mainly due to the increase of photovoltaic and wind.

**Figure 5.9 – Renewable contribution to gross electricity production**



Source: ISPRA

Total gross efficient power capacity, including renewables, increased from 102.3 GW in 2008 to 128.6 GW in 2013, with a renewable share of 23.3% and 36.8%, respectively. Since 2008, renewable power represents the main component of new installations (26.1 GW out of 26.3 GW). Starting from 2011, a growing decommissioning of thermal capacity has been registered (about 20 GW). In 2016, the efficient power capacity is 114.2 GW with 45.8% being from renewables.

The growth of renewable share has been mostly affected by photovoltaic and wind capacity. As concerns the electricity generation from renewable sources, the 2020 target assigned to Italy under European commitments is 26.4%, expressed as percentage of renewables on gross final consumption of electricity, including the import share of electricity. Such target is overachieved since 2011, and the 2015 share of renewables was 33.5% of gross final consumption of electricity<sup>33</sup>.

In calculating the contribution of hydropower and wind, the effects of climatic variation are smoothed through the use of a normalization rule according to Directive 2009/28/EC. The increase of renewable electricity production is foreseen to continue in the next years. Projections show that renewable electricity production will amount to about 117.9 TWh in 2020 and 129.1 TWh in 2030, out of total generation figures of 284.5 and 308.5, respectively.

## Refinery sector

The level of activity of this sector is strictly linked to the activity of the transport sector (82% of final energy consumption of total petroleum products in 2015) whose energy needs still rely mainly on oil products.

During the past decade, under the economic crisis, the transport sector has been heavily affected, thus leading to a reduction of the activity of refineries too, which also led to a reduction of the number of operating plants.

<sup>33</sup> GSE, 2017 – Energia da fonti rinnovabili in Italia – Anno 2015.

An upward trend in emission levels was observed from 1990 to 2010 explained by the increasing quantities of crude oil processed and by the complexity of processes used to produce more environmental friendly transportation fuels and to reduce the production of residual fuel oil. The increase in complexity resulted in an increase of energy consumption with the installation of deep conversion units or integrated gasification units, that can use heavy residuals to produce electricity, heat and hydrogen.

Liquid fuel consumptions have reached a plateau in 2010 and are now in a downward trend that is expected to continue, due to the reduced quantities of crude oil processed and of electricity produced, and to the gradual substitution of oil products with natural gas in the civil and industrial sectors, and with gaseous fuels, biofuels and electricity in the transport sector.

In the period 2015-2030, the overall activity data is projected to continue its decreasing trend, with corresponding reductions in emissions. A partial recovery of production is foreseen up to 2020, to become stable in the following period.

**Table 5.8 –Emissions from refineries for WM scenario (Mt CO<sub>2</sub>)**

	2005	2010	2015	2020	2025	2030
<b>Refineries</b>	26.6	28.7	21.1	17.2	16.3	14.5

Source: ISPRA

### *Final uses of energy*

The next table reports historical data and projections for final uses of energy according to Eurostat methodology.

**Table 5.9 – Final energy consumption (Mtoe)**

	2005	2010	2015	2020	2025	2030
<b>Total final uses</b>	137.2	128.5	116.4	119.5	117.6	118.5

Source: ISPRA

The scenario shows a little increase of final energy consumption after 2015, following the recovery trend from the economic crisis.

Comments to data are provided in the sector-by-sector analysis.

### **Industry sector**

According to the IPCC guidelines and to data reported in section 1.A.2 of CRF, the industrial sector considered herein excludes refineries and includes blast furnaces and emissions due to the electricity self-production. Reference is made only to emissions connected to energy use, excluding process emissions reported in section 2.A-C of CRF (see paragraph 5.6 "Projection of emissions from industrial processes").

The next table reports the projections for final energy consumption in industry (Mtoe) for WM scenario, while the emission trend is reported in Figure 5.11.

**Table 5.10 – Final energy consumption in industry sector (Mtoe)**

	2005	2010	2015	2020	2025	2030
<b>Industry</b>	39.9	31.3	26.0	27.2	27.5	27.2

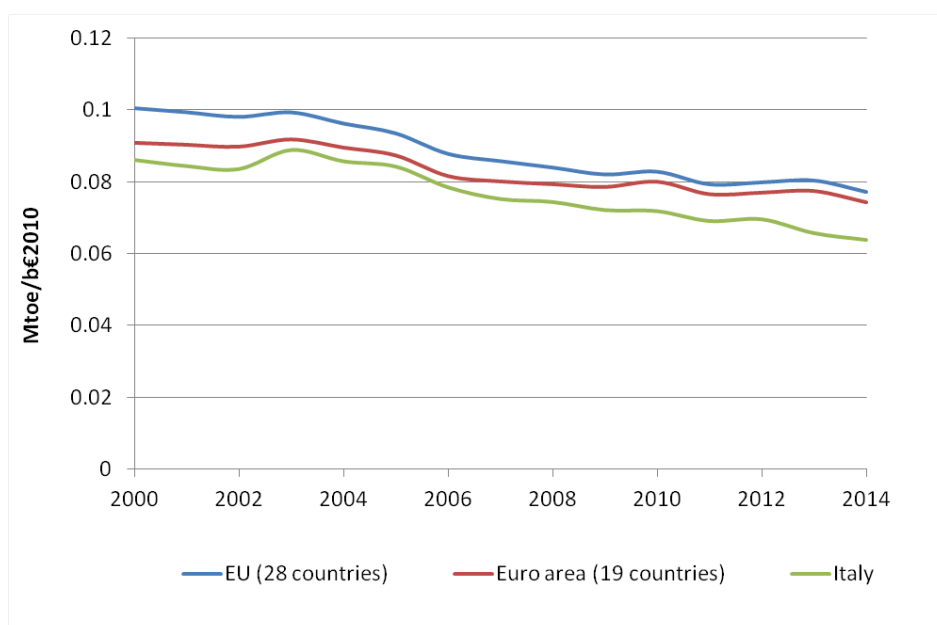
Source: ISPRA

A primary tool to reduce the emissions of greenhouse gases is by improving the level of energy efficiency of the industrial processes. According to the American Council for an Energy-Efficient Economy's (ACEEE), Italy is one of the world's most energy-efficient countries<sup>34</sup> and stands below the average energy intensity among EU and Euro area countries. Figure 5.10 shows the energy intensity of the industrial sector calculated as the ratio between the final energy consumption and the GVA estimated according to Eurostat methodology.

The industrial sector has gone through a period of consumption reduction, driven by the economic crisis but also by improvements of industrial activities, which has led to a reduction of emissions as well.

Indeed, it is essential to remark that, as shown in Figure 5.11, the carbon intensity of energy uses of industry has also decreased steeply since 1995. This shows that the observed reduction of emissions is not only due to lower consumption but also to structural changes in the sector (less energy intensive activities as mechanical, food, specialized chemicals manufacture and other light industries are playing a major role) and to the increase in efficiency.

**Figure 5.10 – Energy intensity of industrial activities in Italy and EU**



Source: ISPRA

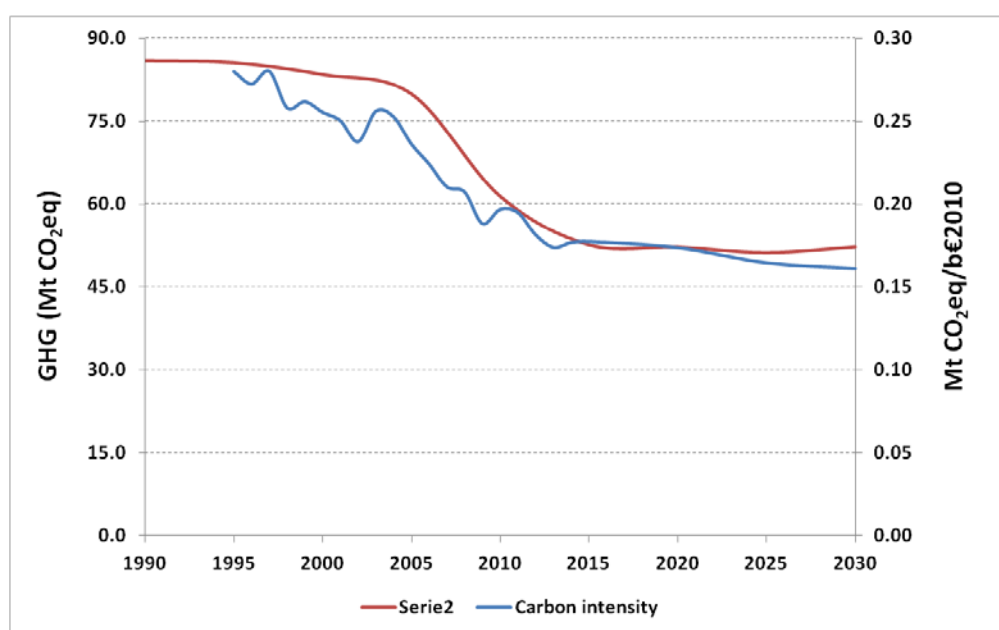
Further improvements remain technically feasible, although they represent a real challenge for those sectors which have already reached high levels of efficiency with respect to the biggest economies in the European Union, mainly for energy intensive subsectors as steel, cement, tiles, paper. Those subsectors are included in the EU-ETS and international competition concerns are addressed at the EU level, with the evaluation of the possibility of "carbon leakage" and the adjustment of emission allowances prices for sectors involved.

Figure 5.11 shows GHG emissions from energy consumption in industry and the carbon intensity of the sector.

Compared to energy intensity, carbon intensity has decreased steeply due to the change in industrial structure and fuel mix, where natural gas, electricity and derived heat have increased their shares. For the projected years, further fuel switches from more carbon intensive fuels to natural gas are unlikely. Future improvements are mainly expected from moderate increases in efficiency and electrification of activities.

<sup>34</sup> ACEEE, 2016 - The 2016 International Energy Efficiency Scorecard.

Figure 5.11 – Trends of GHG emissions and carbon intensity for industry sector



Source: ISPRA

## Transport sector

In conformity with the IPCC Guidelines, the transport sector includes road and railway transportations, domestic air traffic, the national amount of international air flights (landing and take-off) and coastal navigation, as well as the consumptions in the harbour from ships travelling in international voyages. The next table reports historical data and projections for final use of energy . Starting from 2015, energy consumption will decrease up to 2025 with average annual rate of 0.56% per year.

Table 5.11 –Final energy consumption in transport sector (Mtoe)

	2005	2010	2015	2020	2025	2030
<b>Transport</b>	44.8	41.7	39.5	39.0	37.4	38.8

Source: ISPRA

GHGs emissions from this sector registered a strong historical growth from 1990 to 2007 (+25.8%). Following the economic downturn, the trend has changed direction registering a reduction of 18% in the period 2007-2015. Also, projected emissions are expected to slightly decline after 2015 up to 2025. Following 2025, emissions are expected to remain stable up to 2030.

Road transport accounts for almost the totality of sector emissions (93.8% in 2015). Passenger transport is responsible for 61.4% of emissions in 2015, while goods and other fuel-uses (Public administration, fisheries) account for the balance. Notwithstanding the increase of transport demand, both for passengers and for freights, the projected emissions will be quite stable. This outcome is due to the effects of the following planned measures:

- efficiency gain and emissions targets, including the development of low consumption vehicles (preliminary estimation of the impact on gCO<sub>2</sub>/km emissions of future regulation on new passenger cars, with target of 95 gCO<sub>2</sub>/km for the years since 2020; average CO<sub>2</sub> emissions for new light duty vehicles, LDV, of 175 gCO<sub>2</sub>/km since 2017 and 147 gCO<sub>2</sub>/km since 2020);
- increase of electric vehicle fleet from near zero in 2015 to about 4-5 million in 2030;
- modal optimization: car sharing, car pooling and shared taxi initiatives for passenger transport;

- infrastructures: extension and modernization of the local railway network.

The modal split is foreseen to remain substantially unchanged up to 2020 for passengers, whereas a significant increase in railway / ship goods transport is expected. From 2020 to 2030, an increase of passenger-km in railway and public transport is foreseen.

Table 5.12 shows historical and projected emissions related to fuels sold to ships and aircrafts for international transport. For international aviation, emissions are expected to decrease after 2015 up to 2020; then, a slight increase has been projected up to 2030, although it should not be large enough to return to 2015 levels. In the period 2015-2030, a 13.3% reduction of aviation's emissions is foreseen. As for international maritime transport, projected emissions show a steady increase up to 2030 (+12.5% since 2015).

**Table 5.12 – Emissions from international bunkers (Mt CO<sub>2</sub> eq).**

	1990	2005	2010	2015	2020	2025	2030
<b>Aviation</b>	4.2	8.9	9.1	9.8	7.9	8.4	8.5
<b>Marine</b>	4.3	6.9	7.0	5.6	5.7	6.0	6.3

Source: ISPRA

### Civil and agricultural sectors

The next table reports historical data and projections for energy final consumption in civil and agriculture sectors.

**Table 5.13 – Final energy consumption in civil sector (Mtoe)**

	2005	2010	2015	2020	2025	2030
<b>Services</b>	15.1	17.0	15.4	16.2	16.3	16.5
<b>Residential</b>	33.9	35.4	32.5	34.4	33.7	33.4
<b>Civil sector (total)</b>	<b>49.0</b>	<b>52.4</b>	<b>47.9</b>	<b>50.6</b>	<b>50.0</b>	<b>49.9</b>
<b>Agriculture</b>	3.5	3.1	3.0	2.7	2.7	2.7

Source: ISPRA

The sectors are characterized by the following features:

- agriculture: moderate penetration of gas in the agricultural sector results in slight decrease of CO<sub>2</sub> emissions from energy uses (from 7.7 Mt in 2015 to 7.3 Mt in 2030);
- buildings (residential and tertiary): the main driver in the residential sector is the increase of families, while for services the main driver is the value added. It is expected a slight yearly increase of total square meters for buildings, both residential and services. The increase in heating demand will be offset by the estimated natural gas expansion, by higher electricity penetration, and by the expected efficiency gains according to the National Plan for Energy Efficiency and minimal standards for buildings. As for building renovations, an annual average rate of 0.56% has been considered. Such effects will result in CO<sub>2</sub> emission reductions (from 74.1 Mt in 2015 to 70.2 Mt in 2030). The scenario takes into account the dynamic of degree days as in PRIMES 2016.

The residential sector shows a slight increase of energy consumption from 2015 to 2030 (+2.7%), while services consumption will increase over the same period (+7.2%). The share of energy consumption by services in the civil sector is expected to grow from 32.1% in 2015 to 33.1% in 2030.

### ***Emissions from other sectors***

In Figure 5.4, GHG emissions from non-energy sectors are reported. As can be noted, a sharp emissions reduction is registered between 2005 and 2015. This reduction is due to the effect of the following factors (in order of importance):

- implementation on N<sub>2</sub>O emission control in the adipic acid and nitric acid production;
- reduction of emissions from landfills due to increased recovery of methane;
- reduction of other process emissions due to a reduction of related industrial production;
- increase of recovery of animal wastes for biogas production.

According to the scenario, projected emissions are to remain quite stable in the period 2015-2020 and to show further slightly decreases from 2020 onward. The overall trend represents the combination of different evolutions of the underlining sectors and gases, in particular a stable trend in emissions from solvent, agriculture and industrial processes and a sizeable reduction of emissions from the waste sector.

### ***Projections of emissions from industrial processes***

Emission projections for most industrial processes have been calculated using the value added average annual rates shown in Table 5.14 to estimate expected activity production levels. Information directly communicated from industry has been used for aluminium production and for F-gases production and consumption. For SF<sub>6</sub> used in magnesium and aluminium foundries and for solvent and other product use, future trends have been estimated extrapolating most recent data and considering the implementation of the European Regulation n. 517/2014 on F-gases (F-gases Regulation), the European Directive 2010/75/EC regarding the reduction of VOC emissions due to the use of solvent (Industrial Emissions Directive) and the European Directive 2004/42/EC on the limitation of emissions of VOC due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (Deco Paint Directive).

**Table 5.14 – VA average annual rates for the industrial processes 2015-2030**

	2016-2020	2021-2025	2026-2030
<b>A. Mineral Products</b>			
1. Cement Production	1.74%	1.35%	1.59%
2. Lime Production	1.17%	0.65%	0.52%
3. Limestone and Dolomite Use	1.17%	0.65%	0.52%
4. Soda Ash Production and Use	0.41%	0.04%	0.03%
Glass Production (decarbonising)	0.65%	0.61%	0.62%
<b>B. Chemical Industry</b>			
1. Ammonia Production	0.14%	-1.24%	-1.34%
2. Nitric Acid Production	0.14%	-1.24%	-1.34%
3. Adipic Acid Production	0.14%	-1.24%	-1.34%
4. Carbide Production	0.14%	-1.24%	-1.34%
5. Other			
Carbon Black	0.14%	-1.24%	-1.34%
Ethylene	0.41%	0.04%	0.03%
Styrene	0.41%	0.04%	0.03%
Titanium dioxide	0.14%	-1.24%	-1.34%
Propylene	0.41%	0.04%	0.03%
<b>C. Metal Production</b>			
1. Iron and Steel Production			
Steel	0.43%	0.04%	0.04%
Pig Iron	0.43%	0.04%	0.04%
Sinter	0.43%	0.04%	0.04%
2. Ferroalloys Production	1.13%	0.59%	0.30%

Source: ISPRA

The scenario includes the reduction of N<sub>2</sub>O emissions from the nitric acid production obtained with the adoption of the most advanced technologies to be applied to the main existing nitric acid production plants by 2015 (installation of selective catalytic reduction systems for the treatment of process gases). For the other categories, emission factors have been considered constant for the whole time series assuming that no further additional measures will be implemented. Emission estimates consider the six direct greenhouse gases under the Kyoto Protocol (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>) plus nitrogen trifluoride (NF<sub>3</sub>) which contribute directly to climate change owing to their positive radiative forcing effect. The resulting GHGs emission scenarios by sector and by gas up to 2030 are reported in Table 5.15 and in Table 5.16, respectively. The stability of industrial processes emissions is connected to the increase,

following the economic crisis, of industrial production in mineral industry, compensated by the decreasing use of substitutes of ozone depleting substances, the other emissions being stable.

**Table 5.15 – Emission scenario by sector from industrial processes and solvent use (MtCO<sub>2</sub> eq.)**

	2005	2010	2015	2020	2025	2030
Mineral products	23.3	17.4	11.1	14.7	15.6	16.5
Chemical industry	10.7	3.4	3.0	3.1	3.0	3.0
Metal production	2.8	2.0	1.6	1.5	1.5	1.5
Production of halocarbons and SF <sub>6</sub>	1.5	1.1	1.1	1.1	1.1	1.1
Consumption of halocarbons and SF <sub>6</sub>	6.0	9.6	12.2	11.7	7.3	7.0
<b>Total Industrial Processes</b>	<b>44.3</b>	<b>33.5</b>	<b>29.0</b>	<b>32.2</b>	<b>28.5</b>	<b>29.0</b>
Solvent use	1.3	1.1	1.0	1.3	1.3	1.3
<b>Total Industrial Processes and Solvent Use</b>	<b>45.7</b>	<b>34.6</b>	<b>30.1</b>	<b>33.5</b>	<b>29.9</b>	<b>30.4</b>

Source: ISPRA

**Table 5.16 – Emissions by gases from industrial processes and solvent use (MtCO<sub>2</sub> eq.)**

	2005	2010	2015	2020	2025	2030
CO <sub>2</sub>	28.8	21.8	15.0	19.0	19.8	20.7
CH <sub>4</sub>	0.1	0.1	0.0	0.1	0.1	0.1
N <sub>2</sub> O	8.3	1.2	0.6	0.7	0.7	0.7
HFCs	6.1	9.6	12.3	11.8	7.3	6.9
PFCs	2.0	1.5	1.7	1.6	1.6	1.6
SF <sub>6</sub>	0.6	0.4	0.4	0.3	0.3	0.3
NF <sub>3</sub>	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total GHGs</b>	<b>45.7</b>	<b>34.6</b>	<b>30.1</b>	<b>33.5</b>	<b>29.9</b>	<b>30.4</b>

Source: ISPRA

### *Projections of emissions from the agriculture sector*

GHG emissions figures from the agriculture sector are updated and improved thanks to different national research studies<sup>35</sup>. Methodologies for the preparation of national inventories under the Convention on Long-Range Transboundary Air Pollution and the United Nations Framework Convention on Climate Change are kept consistent<sup>36</sup>.

Between 1990 and 2015, GHGs emissions from the agriculture sector have decreased by 16.0%. Emission trends are due to the reduction in activity data such as the number of animals, the variation of cultivated surface and crop production and use of nitrogen fertilizers, mainly linked to Common Agricultural Policy (CAP) measures<sup>37</sup>. Historical activity data trends are described in Chapter 2. Emission projections were estimated with the same model used for the preparation of the national emission inventory submitted in 2017<sup>38</sup>. Moreover, activity data for emission projections are consistent with those

<sup>35</sup> NIR 2017, Chapter 5 - ISPRA, Report 261/2017 <http://www.isprambiente.gov.it/it/pubblicazioni/rapporti/italian-greenhouse-gas-inventory-1990-2015.-national-inventory-report-2017>

<sup>36</sup> ibidem

<sup>37</sup> Rural Development Plans (RDPs) from Italy are available at URL: [https://ec.europa.eu/agriculture/rural-development-2014-2020/country-files/it\\_en](https://ec.europa.eu/agriculture/rural-development-2014-2020/country-files/it_en)

<sup>38</sup> NIR 2017, Chapter 5 - ISPRA, Report 261/2017 <http://www.isprambiente.gov.it/it/pubblicazioni/rapporti/italian-greenhouse-gas-inventory-1990-2015.-national-inventory-report-2017>



communicated to the UNECE for the implementation of the Protocol to The 1979 Convention on Long-Range Transboundary Air Pollution to Abate Acidification, Eutrophication and Ground-Level Ozone (Gothenburg Protocol).

To estimate the number of different animal categories, a model has been developed by ENEA<sup>39</sup> and information is updated every year<sup>40</sup>. For the use of fertilizers, ENEA assumptions are based on the European Fertilizer Manufacturers Association (EFMA) forecast. For the surface and agricultural production, a trend has been estimated on the basis of the 1990-2015 time series.

In Table 5.17, the assumptions adopted for fertilizers consumption are shown. A decrease of 21.8% of total consumption of nitrogen synthetic fertilizers has been estimated in 2020 with respect to 2005. From 2020 onwards, data are assumed to be constant since no other information is available.

In Table 5.18, assumptions for the main animal categories (cattle, swine and poultry) are shown. The CAP 2014-2020<sup>41</sup> agenda, such as the milk quota reform, will lead to revise these estimates in the next future.

**Table 5.17 – Assumptions used for estimating GHG emission projections from fertilizers consumption**

Fertilizers (kt nitrogen*)	2005	2010	2015	2020	2025	2030
Consumption of urea	318	210	266	291	291	291
Consumption of other nitrogen fertilizers	462	287	252	319	319	319
<b>Total consumption of nitrogen fertilizers</b>	<b>780</b>	<b>497</b>	<b>518</b>	<b>610</b>	<b>610</b>	<b>610</b>

\* Nitrogen content in synthetic fertilizers  
Source: ISPRA

**Table 5.18 – Assumptions used for GHG emissions projections with respect to the number of animals**

Animal category (kheads)	2005	2010	2015	2020	2025	2030
Dairy cattle	1,842	1,746	1,826	1,653	1,642	1,631
Non-dairy cattle	4,410	4,086	3,955	4,090	4,057	3,970
Swine	9,200	9,321	8,683	9,526	9,596	9,693
Poultry	188,595	198,347	196,387	201,310	204,378	205,590

Source: ISPRA

<sup>39</sup> ENEA, 2006. Valutazione del potenziale di riduzione delle emissioni di ammoniaca. Rapporto Finale. ENEA UTS-PROT, Unità Inquinamento Atmosferico. Settembre 2006.

<sup>40</sup> D'Elia et al., 2008. Nitrogen related research and policy activities in Italy: The Ammonia experience in Italy. Presentation Task-force on Reactive Nitrogen, Wageningen, 21 – 23 Maggio 2008. Updated scenarios are available at the link <http://gains-it.bologna.enea.it/gains/IT/index.login>.

<sup>41</sup> On 26 June 2013 the Commission, the Council and the European Parliament reached a political agreement on the reform of the CAP 2014-2020.

In Table 5.19, GHG emissions projections by source category are shown. After an initial decrease in the period 2005-2010, emissions are estimated to remain constantly around 30.5 Mt. The main drivers for GHG emissions reductions are given by agricultural soils (-13.8% in 2030), whose emissions mainly decreased in the period 2005-2010. This source accounts for 32.3% of total agricultural emissions in 2005.

**Table 5.19 – Emissions projections for the agriculture sector (MtCO<sub>2</sub> eq.)**

	2005	2010	2015	2020	2025	2030
Enteric Fermentation	13.8	13.6	13.8	13.8	13.9	13.9
Manure Management	6.1	5.9	5.1	5.2	5.3	5.3
Rice Cultivation	1.8	1.8	1.7	1.8	1.8	1.9
Agricultural Soils	10.6	8.8	9.0	9.2	9.1	9.1
Field Burning of agricultural residues	0.0	0.0	0.0	0.0	0.0	0.0
Liming and urea application	0.5	0.4	0.4	0.5	0.5	0.5
<b>TOTAL GHGs</b>	<b>32.7</b>	<b>30.5</b>	<b>30.0</b>	<b>30.5</b>	<b>30.6</b>	<b>30.6</b>

Source: ISPRA

### *Projections of emissions from the LULUCF sector*

The driving forces for projections are the activity data linked to the LULUCF sector; in particular, those related to *forest land* (and related activity *Forest Management*), *cropland* and *grassland* constitute the key variables to project emissions by sources and removals by sinks.

As reported in chapter 4, Italy has submitted information on Forest Management Reference Level (FMRL<sup>42</sup>), equal to -22,166Mt CO<sub>2</sub> eq. per year applying a first-order decay function for harvested wood products (HWP) and -21,182 Mt CO<sub>2</sub> eq. per year assuming instantaneous oxidation of HWP.

According to Decision 2/CMP.7, methodological consistency between the FMRL and reporting for *forest management* during the second commitment period of the Kyoto Protocol has to be ensured, applying technical correction if necessary; the methodological elements triggering the need for a technical correction have been analyzed, providing a description on the detected inconsistencies and a timing for the addressing of the issue (Table 5.20).

**Table 5.20 – Elements triggering a methodological inconsistency between the FMRL and FM reporting**

Criteria	Description	Timing
The method used for GHG reporting (for Forest land remaining forest land or Forest Management) changed after the adoption of FMRL	The FMRL has been calculated with the EU models G4M (IIASA) and EFISCEN (EFI). Estimates of emissions and removals under FM activities have been carried out with the growth model For-est, used to estimate the net change of carbon in the five reporting pools.	2017-2018

<sup>42</sup> Submission of information on forest management reference levels by Italy:

[http://unfccc.int/files/meetings/ad\\_hoc\\_working\\_groups/kp/application/pdf/awgkp\\_italy\\_2011.pdf](http://unfccc.int/files/meetings/ad_hoc_working_groups/kp/application/pdf/awgkp_italy_2011.pdf)

Communication of 11 May 2011 regarding harvested wood products value by Italy:

[http://unfccc.int/files/meetings/ad\\_hoc\\_working\\_groups/kp/application/pdf/awgkp\\_italy\\_corr.pdf](http://unfccc.int/files/meetings/ad_hoc_working_groups/kp/application/pdf/awgkp_italy_corr.pdf)

Criteria	Description	Timing
Forest characteristics and related management <sup>43</sup>	Availability of new data resulting from the ongoing NFI and consequent recalculations of the reported data under FM and <i>Forest Land Remaining Forest Land used</i> to establish the reference level.	2017-2018
Harvested wood products	The estimates have been carried out on the basis of the 2013 KP Supplement (IPCC 2014) methodology.	2017

Therefore, to ensure methodological consistency between the FMRL and reporting for Forest Management during the second commitment period, Italy is going to apply a technical correction. Qualitative information on TC and methodological consistency as well as a quantitative assessment will be reported, consistently with the requirements of decision 2/CMP.7, annex, paragraph 14 and guidance of the 2013 KP Supplement (IPCC, 2014, par. 2.7.6.3). No further measures are planned for forestry.

In table 5.21, projections for LULUCF categories have been reported. These projections have been carried out on the basis of 1990-2015 trend, subcategory by subcategory and have been officially reported under Article 3(2) of the Monitoring Mechanism Decision (Commission Decision 280/2004/EC).

**Table 5.21 – Projections for LULUCF categories (Gg CO<sub>2</sub> eq.)**

	2005	2010	2015	2020	2025	2030
<b>LULUCF</b>	<b>-28,385</b>	<b>-31,609</b>	<b>-36,218</b>	<b>-24,381</b>	<b>-39,699</b>	<b>-41,535</b>
Forest land	-34,477	-36,541	-39,924	-27,564	-42,013	-43,091
Cropland	1,459	1,335	2,160	1,777	1,392	1,008
Grassland	-2,648	-4,172	-6,658	-7,309	-7,981	-8,655
Wetlands	8	-	-	-	-	-
Settlements	7,804	7,897	7,936	7,897	7,853	7,883
Other Land	-	-	-	-	-	-
Harvested wood products	-531	-128	267	819	1,050	1,321

Source: ISPRA

Under the WM scenario, existing policies have been considered to remain in place until 2020: according to the “Whereas” 22 of Regulation (UE) No 1305/2013 on Rural Development, Member States should maintain the level of efforts made during the 2007-2013 programming period. Therefore, in this scenario the future mix of agronomic and financial measures remains constant on the same total of hectares provided to national and regional levels in the programming period 2007-2013. Regarding the use of land, in line with historical trends but also considering the proposed legislation at the national level on the containment of land consumption, a 2% reduction of cropland areas and a 2% increase of grassland areas have been assumed in a ten-year period.

<sup>43</sup> This includes, among others: age-class structure, increment, species composition, rotation lengths, management practices, etc.

Future developments of emission and removal projections for subsectors under LULUCF are expected, considering the new Regulations currently being discussed at the EU level. In this view and in the framework of the reporting and accounting under EU Decision 529/2013, further activity scenarios were developed for cropland and grassland for the 2014-2020 period, to assess the main changes while taking into account the different management practices<sup>44</sup>.

The following policies are foreseen to have further impacts:

- enhancement of agricultural areas and containment of land consumption;
- implementation of CAP (first and second pillar) at national and regional levels.

The abovementioned policies are associated with three main hypotheses:

- the introduction of "Greening" in 2015 as stated in the Regulation (EU) No. 1307/2013 on direct payments;
- an increase of 20% in 2020 (compared to 2012) of the areas where conservative agricultural practices (organic, sustainable, set aside, etc.), in the context of RDP, are applied;
- the combined effect of the two previous measures (Greening and the enhancement of the area with conservative agricultural practices).

Detailed information on the assumptions and the quantitative assessment of scenarios considering different paths than those reported in the current WM scenario may be found in the Italian Progress report on LULUCF action under the art. 10.2 of Decision 529/201<sup>45</sup>.

### *Projections of emissions from the waste sector*

The following projections have been prepared in conformity with most recent inventories and evaluations on the implementation of mitigation measures. The driving forces for projections estimations are especially activity data linked to the whole waste sector and the reduction of biodegradable waste in landfills. In particular, the municipal waste cycle has been studied, analysing its evolution through the years on the basis of actions that have already been put into effect.

In the reference scenario, the total amount of annual waste production has been estimated on the basis of official population forecasts provided by the National Institute of Statistics (ISTAT). Starting from the production, waste fluxes have been analysed on the basis of the following waste management options: recycling, landfilling, incineration, mechanical biological treatments and composting.

Focusing on recycling and other options, national circumstances turn out being very different from northern to southern regions. Many northern cities have already reached and exceeded their fixed target, whereas some southern regions are lagging behind in complying with national targets for separate collection, although significant improvements have been made over the last few years allowing to reach 47.5% for separate collection in 2015 (against 37.7% in 2011). Governmental efforts aimed to the improvement of waste management lead to an optimistic outlook for the fulfilment, by the deadlines, of the commitments for reuse and recycling set up by the current legislation (50% by weight within 2020 - Directive 2008/98/EC).

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<sup>44</sup> The following management practices have been considered: *organic farming, sustainable agriculture, conservation practices, set-aside, ordinary agriculture, ordinary grazing land, managed grazing land, improved grazing land.*

<sup>45</sup> Italian Progress report on LULUCF action under the art. 10.2 of Decision 529/2013:

[http://cdr.eionet.europa.eu/it/eu/mmr/lulucf/envwm\\_kbq/ITALY\\_Progress\\_report\\_on\\_LULUCF\\_Article\\_10\\_2\\_of\\_dec\\_529\\_update\\_2016.pdf/manage\\_document](http://cdr.eionet.europa.eu/it/eu/mmr/lulucf/envwm_kbq/ITALY_Progress_report_on_LULUCF_Article_10_2_of_dec_529_update_2016.pdf/manage_document)

**Table 5.22 – Emission for the waste sector (Gg)**

	2005	2010	2015	2020	2025	2030
<b>CO<sub>2</sub></b>						
Waste incineration without energy recovery	226.5	162.3	111.2	107.1	94.7	82.3
<b>Total waste sector</b>	<b>226.5</b>	<b>162.3</b>	<b>111.2</b>	<b>107.1</b>	<b>94.7</b>	<b>82.3</b>
<b>CH<sub>4</sub></b>						
Landfills	787.1	700.6	564.5	406.8	321.4	273.3
Biological treatment	3.7	4.6	4.9	6.8	6.9	7.0
Waste incineration	2.5	2.3	2.3	2.3	2.2	2.3
Wastewater treatment	110.7	105.8	99.7	100.7	102.6	104.8
<b>Total waste sector</b>	<b>903.9</b>	<b>813.4</b>	<b>671.4</b>	<b>516.6</b>	<b>433.1</b>	<b>387.4</b>
<b>N<sub>2</sub>O</b>						
Biological treatment	1.3	1.7	1.7	2.4	2.5	2.5
Waste incineration	0.1	0.1	0.1	0.1	0.1	0.1
Wastewater treatment	4.4	4.5	4.5	4.7	4.7	4.8
<b>Total waste sector</b>	<b>5.9</b>	<b>6.3</b>	<b>6.3</b>	<b>7.2</b>	<b>7.3</b>	<b>7.4</b>
<b>CO<sub>2</sub> reported in the energy sector</b>						
Waste incineration with energy recovery	2780.6	4253.8	4547.1	6018.9	7132.8	8246.9

Source: ISPRA

Regarding landfills, the total amount of waste disposed into landfills will vary according to the actual trend, whereas the composition of waste has varied as a consequence of the compliance with the separate collection target. Notwithstanding, the amount of biodegradable waste disposed into landfills is not totally complying with the target of landfill directive (D.lgs. 36/2003) resulting in 121 kg<sub>waste</sub>/inh.\*year rather than 115 kg<sub>waste</sub>/inh.\*year. The share of landfill gas collected will reach 60% in 2028.

Furthermore, from 2010, each municipal waste incinerator is equipped with an energy recovery system and only industrial waste could still be treated without energy recovery. Emissions from incinerators with energy recovery are reported in the energy sector, while emissions from incinerators without energy recovery are reported in the waste sector. The total amount of waste incinerated will increase in line with the current trend. Finally, the amount of waste treated in Mechanical biological treatment plants will increase in line with the strategy to pre-treat waste in order to obtain a bio-stabilized product to dispose to landfills and a dry-fraction to burn in waste-to-energy facilities. As a consequence of this waste cycle projection, biological waste treated in composting and anaerobic digestion plants will also increase following the trend up to 2035. According to these projections, a 48% reduction can be expected in 2035 with respect to 2015 in overall greenhouse gas emissions from the waste sector, expressed in terms of CO<sub>2</sub> equivalent, essentially as a result of a reduction in methane emissions from landfills.

### **Projection results and emissions targets**

Table 5.23 summarizes the GHG emissions up to 2030, together with the EU targets, divided by ETS and non-ETS sectors.

Emissions target for non-ETS sectors in year 2020 is 291.0 MtCO<sub>2</sub> eq. (see par. 4.1.4 for detailed methodology). Considering emissions levels according to the WM scenario (line “Non-ETS sector” and

"ESD/ESR targets" in the table) 2015 and 2020 targets are expected to be achieved, while there is a sizeable distance from the proposed 2030 target.

The mitigation options identified to "fill" the gap are reported in tables 4.15-4.17 and 4.19; the overall potential of the identified measures amounts to about 51.1 Mt CO<sub>2</sub> in 2020, although some of those effects are related to ETS sectors.

**Table 5.23 – National GHGs emissions and European targets (Mt CO<sub>2</sub> eq.)**

	1990	2005	2010	2015	2020	2025	2030
National emissions	519.9	579.4	505.0	433.0	425.8	407.0	392.0
ETS sectors		247.5	199.5	156.2	161.0	152.7	140.1
Non-ETS sectors (ESD/ESR)		329.4	302.8	274.7	262.6	251.9	249.2
Civil Aviation		2.5	2.7	2.1	2.2	2.3	2.7
ESD/ESR targets*				304.2	291.0		220.7
Gap				-29.5	-28.4		+28.5

\* Target has been set up to 2020 by the Effort Sharing Decisions (ESD) 406/2009/EC, while the 2030 target is still under negotiation among EU Member States. The reported emissions target is provisional and set to -33% wrt 2005 level. The target for 2025 is not reported because the starting point for 2021-2030 period is not yet defined. NF3 emissions are included into the ESD/ESR target for the post-2020 period.

Source: ISPRA

### Sensitivity analysis

Sensitivity analysis has been performed with values for macroeconomic parameters different from those used to carry out the WM projections. The most recent national statistics of population, with a lower growth rate compared to PRIMES2016 reference scenario, have been considered (Tab 5.24). Also, starting from actual 2016 levels, a lower GDP growth rate up to 2020 has been used in accordance with population growth rate. From 2020 to 2030, the same GDP rate used in the WM scenario has been implemented. As for international carbon and fuels prices, lower costs have been applied to create worse conditions for the optimization process in term of fossil fuels preference against renewable sources.

**Table 5.24 – Parameters value for sensitivity and WM scenarios**

Scenario	Parameter	Unit	2015	2020	2025	2030
WM scenario	Population	Thousand	60,800	62,065	63,118	64,229
Sensitivity scenario			60,800	60,719	61,918	62,290
WM scenario	GDP	Billion €2010	1,547	1,675	1,776	1,885
Sensitivity scenario			1,547	1,644	1,743	1,850
WM scenario	Coal	€2010/GJ	1.91	2.39	2.85	3.42
Sensitivity scenario			1.91	1.87	2.33	2.78
WM scenario	Natural gas	€2010/GJ	6.47	8.05	8.71	9.47
Sensitivity scenario			6.47	6.52	7.39	8.27
WM scenario	Oil	€2010/GJ	8.04	12.51	14.20	15.65
Sensitivity scenario			8.04	8.62	10.2	11.77
WM scenario	Carbon	€2010/tCO <sub>2</sub>	7.2	14.4	21.5	32.1
Sensitivity scenario			7.2	10.0	14.0	27.0

Source: ISPRA

In the following table the GHG emissions projections of Sensitivity scenario are compared to the results of WM scenario projections.

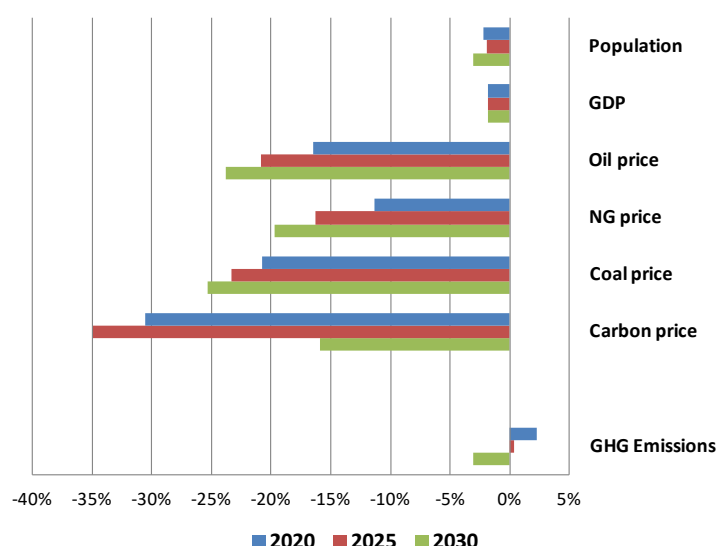
**Table 5.25 – GHG emission (Mt CO<sub>2</sub> eq.)**

	2015	2020	2025	2030
WM scenario	433.0	425.8	407.0	392.0
Sensitivity scenario	433.0	435.3	408.5	380.2

Source: ISPRA

Higher projections for 2020 in the sensitivity scenario are related to lower fossil fuels and carbon prices, while 2030 projections are driven by lower commodity demand due to lower GDP and population. In particular, transport and civil sectors show lower emissions as compared to WM projections since they are more sensitive to the demand reduction. Figure 5.12 shows the differences between WM and Sensitivity scenarios for the considered parameters and GHG projections.

**Figure 5.12 – Relative difference between sensitivity scenario and WM scenario**



Source: ISPRA

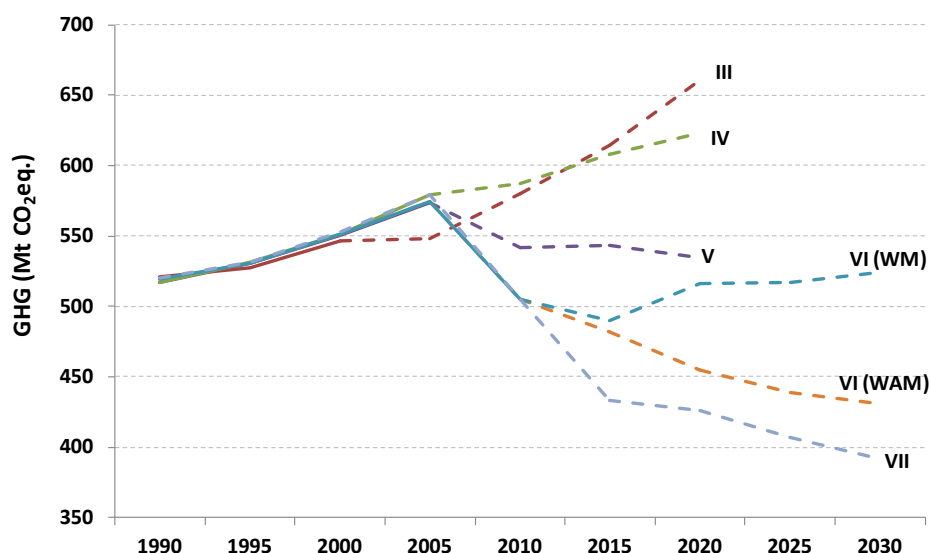
### Comparisons with previous National Communications

An outline of the emission scenarios since the 3<sup>rd</sup> National Communication is reported (Table 5.26) in order to compare projected emissions with different sets of measures. Projections from WM scenarios have been considered. For the 6<sup>th</sup> National Communication, projections from WAM scenarios are also reported. Similar approaches were used to perform scenario and emission projections in the various National Communications, so the comparison between a projection trend and the previous ones gives information about without measure (WOM) scenarios patterns. Emission projections of WM scenarios reported in the 3<sup>rd</sup> National Communication could supply emissions estimates without the measures implemented after 2000.

Projected GHG emissions for 2010, with a range of  $\pm 2\%$ , had remained quite stable between the 3<sup>rd</sup> and the 4<sup>th</sup> National Communications; instead, since the 5<sup>th</sup> National Communication the effects of the economic crisis, started in 2008, became evident with a sizeable reduction of projected levels with respect to the historical path. The registered reduction was also due to the effect of measures implemented up to mid-2009.

In the projections reported in the 6<sup>th</sup> National Communication, emissions were further reduced due to the depth of the economic crisis and to new measures implemented up to 2010 (WM scenario) or planned up to 2012 (WAM scenario). For other sectors and gases, it has to be underlined that the methodology for the emissions calculations (IPCC guidelines) has deeply changed between 1997 and 2004. Therefore, projection have been developed with different methodology and assumptions. The effect of changes can be seen in the changes in historical total GHGs emissions between the various NCs.

Figure 5.13 – GHG projections of present and past NCs



Source: ISPRA

Table 5.26 – Emissions from previous and current NCs (Mt CO<sub>2</sub> eq.)

	1990	2005	2010	2015	2020	2025	2030
<b>GHGs energy, Mt, II NC</b>	424.3	478.8	491.8				
<b>GHGs energy, Mt, III NC</b>	424.9	456.0	484.1	513.1	553.9		
<b>GHGs energy, Mt, IV NC</b>	419.4	480.1	490.8	510.4	524.1		
<b>GHGs energy, Mt, V NC</b>	419.5	474.4	450.2	452.2	441.0		
<b>GHGs energy, Mt, VI NC</b>	417.7	471.9	414.6	404.3	427.1	427.5	433.0
<b>GHGs energy, Mt, VI NC (WAM)</b>	417.7	471.9	414.6	396.1	366.0	349.5	340.1
<b>GHGs energy, Mt, VII NC</b>	420.6	476.5	417.6	354.2	346.6	333.5	319.1
<b>GHGs no energy, Mt, II NC</b>	118.7	109.0	123.2				
<b>GHGs no energy, Mt, III NC</b>	96.1	92.4	95.6	101.2	106.3		
<b>GHGs no energy, Mt, IV NC</b>	97.4	99.4	96.1	97.4	99.3		
<b>GHGs no energy, Mt, V NC</b>	97.4	99.2	91.6	90.9	93.2		
<b>GHGs no energy, Mt, VI NC</b>	101.2	102.5	85.7	85.8	89.0	89.3	90.9
<b>GHGs no energy, Mt, VI NC (WAM)</b>	101.2	102.5	85.7	85.8	89.0	89.3	90.9

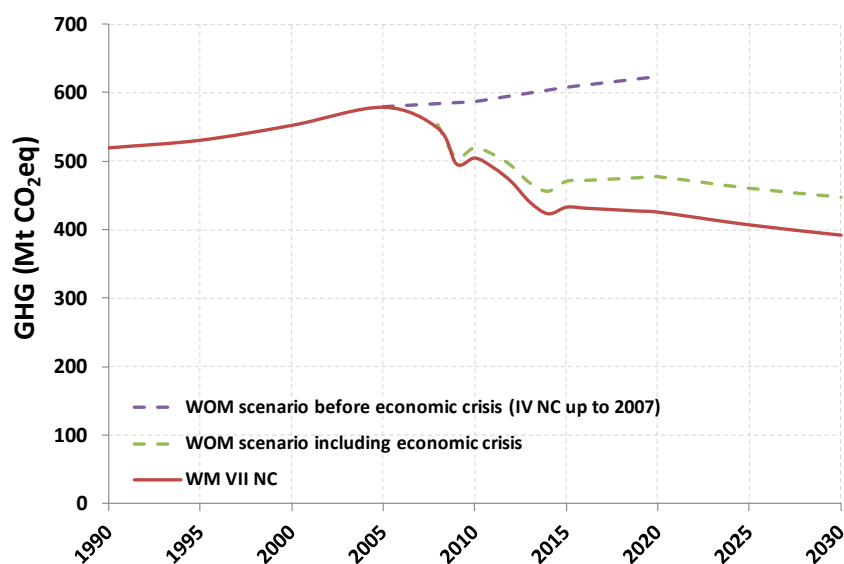


<b>GHGs no energy, Mt, VII NC</b>	99.3	102.9	87.4	78.8	79.2	73.5	72.9
<b>TOTAL GHGs, II NC</b>	543.0	587.8	615.0				
<b>TOTAL GHGs, III NC</b>	521.0	548.3	579.7	614.4	660.3		
<b>TOTAL GHGs, IV NC</b>	516.8	579.5	587.0	607.8	623.4		
<b>TOTAL GHGs, V NC</b>	516.9	573.6	541.8	543.1	534.2		
<b>TOTAL GHGs, VI NC</b>	519.0	574.4	505.0	490.2	516.1	516.8	523.9
<b>TOTAL GHGs, VI NC (WAM)</b>	519.0	574.4	505.0	482.0	455.0	438.8	431.0
<b>TOTAL GHGs, VII NC</b>	519.9	579.4	505.0	433.0	425.8	407.0	392.0

Source: ISPRA

Further insights about a WOM scenario can be carried out by estimating the effect of the implemented measures considered in the present NC. The impacts of implemented measures were estimated for 2015 (37.1 Mt CO<sub>2eq</sub>), 2020 (51.1 Mt CO<sub>2eq</sub>), and 2030 (55.1 Mt CO<sub>2eq</sub>) and are assumed to be equal to 0 in 2007. The linear interpolation of data between each pair of years allows to estimate the impact for each year. The result is shown in Figure 5.14, where the WOM scenario, obtained by adding to WM scenario the interpolated effect of measures, takes into account the effects of economic crisis. The 4<sup>th</sup> NC projections can be considered as a WOM scenario before economic crisis with measures implemented up to 2007.

**Figure 5.14 – WOM scenario estimate with and without taking into account the economic crisis effects**



Source: ISPRA

## 6. Provision of financial, technological support to developing country Parties<sup>46</sup>

Italy is undertaking continuous efforts to scale-up its international climate finance and will continue to do so. Our public climate finance in the period 2015-2016 increased substantially compared to the levels of previous years (2013-2014), while improving the quality and transparency of our reporting.

Total public climate specific support that is currently being reported amount, for the biennium **2015-2016**, to **729,75** million US dollars. This represents more than a **70%** increase compared to the public climate specific support reported for the biennium 2013-2014, amounting to 428,76 million US dollars.

In the provision of public financial resources Italy aims to strike a fair balance between mitigation and adaptation over time. Direct support for adaptation in the period 2015-2016 increased more than five times compared to previous years. The **adaptation** component in 2015-2016 represents the **53%** of the total public climate finance addressing mitigation and adaptation, without considering crosscutting activities.

Since 2015, Italian Development Cooperation has undergone an important legislative reform. The new system is gradually being implemented, against the backdrop of our European and International goals and partnerships. The reform of the Italian Development Cooperation has led to a new institutional framework designed to make it more effective as well as cooperation policies more consistent.

In this context, the Italian development cooperation aims at effectively mainstreaming environmental and climate considerations into its activities. Starting from 2015, the Italian Government allocated additional financial resources to the international development cooperation. On top of these resources, the commitment of Italy to tackle climate change and provide related support to developing countries is strongly expressed in Decree nr. 30 (DLGS n.30 13/03/2013). Indeed, this latter defines the criteria for the allocation of the proceeds from auctioning of greenhouse gas emission allowances. In particular, it is established that at least the 50% of those proceeds should be used to reduce greenhouse gas emissions; to adapt to the impacts of climate change; to fund research and development for reducing emissions and promote adaptation; to develop renewable energies and increase energy efficiency; to contribute to the Global Energy Efficiency and Renewable Energy Fund and to the Adaptation Fund; to provide support for measures to avoid deforestation and facilitate adaptation in developing countries. The proceeds from auctioning of greenhouse gas emission allowances has been allocated by the Italian Ministry for climate purposes starting from 2015 and these resources represent additional public climate financial resources to developing country Parties.

Italy is not yet reporting at this stage **private finance mobilized** through public interventions. We are implementing measures to increase the mobilization of private resources. Leveraging private finance is a component of all our bilateral agreements and activities. Italy is in the process of undertaking a pilot study for tracking mobilized private finance through public interventions, with the view of progressively integrate these figures in the reporting and refine our capacity to gather data and apply more complex methodologies. The study will be conducted in the context of the OECD Research Collaborative on Tracking Private Climate Finance and its work. The Research Collaborative is an open network composed by governments, research institutions and international finance institutions and coordinated and hosted by the OECD. The goal is to share best available data, expertise and information to advance policy-relevant research in a comprehensive and timely manner. The project is designed to serve as a coordinating platform for identifying research priorities and gaps, sharing information, weaving a coherent narrative across what would otherwise be disparate research outputs, as well as communicating results to raise awareness in this area.

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## Multilateral cooperation on climate change

Between 2015 and 2016, the Italian multilateral environmental activities were carried out in several organizations or programmes, such as: the World Bank (WB), the Green Climate Fund (GCF), the Global Environment Facility (GEF), the Least Developed Countries Fund (LDCF), the Adaptation Fund (AF)), the Food and Agriculture Organisation (FAO), the Capacity Building Initiative for Transparency (CBIT) and the African Development Bank (ADB).

Italy is a strong supporter of the Green Climate Fund (GCF), as the key multilateral vehicle for helping developing countries adapt to climate change and follow low-carbon development paths. In 2014, at the GCF donor conference, Italy pledged to contribute to the first capitalization of the Fund with 250 million euro. The Italian Ministry for the Environment provided 150 million euro for the period 2015-2017.

Since 2015, Italy is a contributor to the **Adaptation Fund (AF)**, through IMELS that , provided 7 million euro and announced during COP23 (2017) additional 7 million euro.

Starting from 2015, Italy is also actively engaged in supporting the **Initiative for Climate Action Transparency (ICAT)** and the **Capacity Building Initiative for Transparency (CBIT)**, and in ensuring synergies between them, confident that an enhanced transparency system for action and support with common modalities and procedures for all parties is crucial to achieve the long-term goals of the Paris agreement.

Table 7a details Italy's multilateral contributions to climate finance in 2015 and 2016.

## Bilateral cooperation

Inspired by the objective of the Paris Agreement and its long-term goals as well the Millennium Development Goals, Italy is strongly engaged to continue the activities mentioned in the Second Biennial Report. Taking into account the initiatives undertaken in the previous years and the new commitments under the UNFCCC, the bilateral cooperation stretches across all continents and regions: Africa, Mediterranean region, Small Islands Developing States, Asia, Central and Eastern European and Central and Latin America.

Bilateral activities are mainly dedicated to: sustainable agriculture and forest management (37%), water management and sanitation (14%); renewable energies (4 %),, as well as to protect from vulnerability to extreme climate change and enhancing the capacities of the relevant national institutions dealing with natural disaster and risk reduction management (4%)<sup>47</sup>.

Many activities are also committed to eradicate extreme poverty and hunger, to promote a community which can take care of education, food security and health, to foster a social and human growth respectful of the environment, to promote sustainable development and to improve the scientific expertise of the institution responsible on climate change. From a geographical point of view, the support for mitigation and adaptation measures in developing countries is well balanced across different regions particularly: Africa (52%), Asia (22%), Latin America (21%) and Small Islands (5%). This geographical distribution is not only meant to foster mitigation and adaptation in these areas, but also to address destabilization patterns in areas where environmental fragility overlaps with socio-economic and/or governance weaknesses.

In order to ensure the efficient and effective implementation of the activities foreseen by the bilateral cooperation and to address the needs of developing countries and enhance country ownership, each Memorandum of Understanding establishes a Joint Committee (JC). The JC, that is composed by representatives of both Governments involved, provides general direction to the established

collaboration, approves work programs and budget, supervises and supports the cooperation activities by taking stock and assessing the implementation and progress of approved projects and takes financial decision over such activities. To complement this approach and ensure that activities implemented are in line with the expected results, periodical site visits of national experts to monitor and assess activities on the ground are carried out.

All projects and programs financed in this context are proposed exclusively by developing countries and reflect priorities and objectives included in the Nationally Determined Contributions (NDCs) and other relevant climate change and development strategies

Many efforts are dedicated to track the implementation of the activities, through different channels such as bilateral, multilateral, implementing agencies, monitoring of calls for tender for NGOs and project developers. The evaluation is developed according to the best available methodologies and practices, such as OECD/DAC, in order to achieve a result based management system for support provided. Additional information on methodologies are provided in the specific documentation box in the Table 7b.

Table 7b details Italy's bilateral contributions to climate finance in 2015 and 2016.

### **Technology development and transfer support**

In recent years, Italy has significantly intensified the number of Memorandum of Understanding with developing countries to implement projects related to mitigation and adaptation measures, which foresee the transfer of technologies according to the needs and specific circumstances of the receiving countries. All the projects implemented, under implementation or planned, consider knowledge transfer and adequate and specific training courses for the installation and maintenance of the equipment (soft technologies) in addition to the essential transfer of technologies (hard technologies).

Taking into account learned lessons and previous failures, during the implementation phase of each relevant project, endogenous people are constantly involved in the installation and operation start-up of the plants. Following this phase, tailored training programmes are organized to ensure proper control, function and routine maintenance.

With regard to reporting and monitoring activities, the Guiding Principles for the bilateral cooperation Mechanism foresee that each project shall be monitored, through the production of periodic reports, financial and technical evaluations approved by the Joint Committee, including, as appropriate, field missions and on site visits. The JC supervises the projects, assessing the technology transfer, the realization of training courses and the implementation of all activities to facilitate the development of the policies, regulations, and overall institutional framework in the developing countries that is required to enhance technology transfer. The Parties annually prepare a report on the activities under the MoU and a third independent party carries out a final audit within six months of termination or expiration of the MoU. With regards to the private sector involvement, as a general approach, when drafting the bilateral cooperation agreements, IMELS investigates the potential contribution of the private sector, mainly technologies core and expertise, and tailors their rules in the technical and practical implementation of the projects. In particular, IMELS uses two different ways of involving the private sector. The first consists in publishing on the Ministry's website calls for interest for a specific sector and for a country or a region before organizing the technical missions and defining the needs with the beneficiary country. The second concerns the identification of companies holding specific technologies to implement projects already established with the receiving countries. Finally, IMELS organizes seminars, workshops and events related to bilateral cooperation and technology transfer, involving companies from the pertinent sectors and organizing business-to-business meetings.

**CTF Table 7 Provision of public financial support: summary information**

Allocation channels										
	European euro - EUR					USD <sup>b</sup>				
	Core/ general <sup>c</sup>	Climate-specific <sup>d</sup>				Core/ general <sup>c</sup>	Climate-specific <sup>d</sup>			
		Mitigation	Adaptation	Cross-cutting <sup>e</sup>	Other <sup>f</sup>		Mitigation	Adaptation	Cross-cutting <sup>e</sup>	Other <sup>f</sup>
<b>2015</b>										
<b>Total contributions through multilateral channels:</b>	323,287,917.06	32,944,533.30	19,807,968.41	165,108,750.86		358,611,111.54	36,544,130.14	21,972,233.41	183,148,919.42	
Multilateral climate change funds <sup>g</sup>	6,588,000.00	11,259,157.00	2,000,000.00	67,076,385.18		7,307,820.30	12,489,358.85	2,218,524.68	74,405,308.03	
Other multilateral climate change funds <sup>h</sup>		11,259,157.00		1,704,385.18			12,489,358.85		1,890,610.30	
Multilateral financial institutions, including regional development banks	273,819,724.77	16,183,906.53	2,013,044.00	77,694,636.58		303,737,908.77	17,952,198.06	2,232,993.90	86,183,734.40	
Specialized United Nations bodies	42,880,192.29	5,501,469.77	15,794,924.41	20,337,729.10		47,565,382.47	6,102,573.23	17,520,714.83	22,559,876.99	
<b>Total contributions through bilateral, regional and other channels</b>		30,048,884.50	25,631,040.34	122,154,489.84			33,332,095.99	28,431,547.77	135,501,375.41	
<b>Total</b>	323,287,917.06	62,993,417.80	45,439,008.75	287,263,240.70		358,611,111.54	69,876,226.13	50,403,781.18	318,650,294.83	
<b>2016</b>										
<b>Total contributions through multilateral channels:</b>	461,851,541.55	15,565,927.89	17,612,347.36	106,449,529.62		510,728,233.48	17,213,234.43	19,476,221.78	117,714,839.77	
Multilateral climate change funds <sup>g</sup>	14,848,000.00	4,700,000.00	1,793,078.72	25,011,657.40		16,419,329.87	5,197,390.25	1,982,836.14	27,658,583.88	
Other multilateral climate change funds <sup>h</sup>		4,700,000.00		2,739,657.40			5,197,390.25		3,029,589.08	
Multilateral financial institutions, including regional development banks	426,362,468.24	4,040,730.05	2,713,781.41	70,325,758.26		471,483,432.74	4,468,351.27	3,000,974.69	77,768,172.34	

Specialized United Nations bodies	20,641,073.31	6,825,197.84	13,105,487.23	11,112,113.96		22,825,470.87	7,547,492.91	14,492,410.95	12,288,083.55	
<b>Total contributions through bilateral, regional and other channels</b>		11,190,790.61	41,394,463.90	70,777,604.42			12,375,086.35	45,775,145.29	78,267,836.35	
<b>Total</b>	461,851,541.55	26,756,718.50	59,006,811.26	177,227,134.04		510,728,233.48	29,588,320.78	65,251,367.07	195,982,676.12	

*Note: Explanation of numerical footnotes is provided in the documentation box after tables 7, 7(a) and 7(b).*

*Abbreviation:* USD = United States dollars.

<sup>a</sup> Parties should fill in a separate table for each year, namely 2015<sup>1</sup> and 2016, where 2018 is the reporting year.

<sup>b</sup> Parties should provide an explanation on methodology used for currency exchange for the information provided in table 7, 7(a) and 7(b) in the documentation box.

<sup>c</sup> This refers to support to multilateral institutions that Parties cannot specify as climate-specific.

<sup>d</sup> Parties should explain in their biennial reports how they define funds as being climate-specific.

<sup>e</sup> This refers to funding for activities which are cross-cutting across mitigation and adaptation.

<sup>f</sup> Please specify.

<sup>g</sup> Multilateral climate change funds listed in paragraph 17(a) of the “UNFCCC biennial reporting guidelines for developed country Parties” in decision 2/CP.17.

<sup>h</sup> Other multilateral climate change funds as referred in paragraph 17(b) of the “UNFCCC biennial reporting guidelines for developed country Parties” in decision 2/CP.17.

**CTF Table 7(a) Provision of public financial support: contribution through multilateral channels**

	Total Amount								
	Core/general		Climate-specific						
Donor funding	Domestic Currency	USD	Domestic Currency	USD	Status	Funding source	Financial instrument	Type of support	Sector
<b>2015</b>									
Total contributions through multilateral channels									
Multilateral climate change funds									
1. Global Environment Facility	6,588,000.00	7,307,820.30	15,372,000.00	17,051,580.70	Disbursed	ODA	Grant	Cross-cutting	Not applicable
2. Least Developed Countries Fund									
3. Special Climate Change Fund									
4. Adaptation Fund			2,000,000.00	2,218,524.68	Disbursed	ODA	Grant	Adaptation	Other (Biosphere Protection)
5. Green Climate Fund			50,000,000.00	55,463,117.03	Disbursed	ODA	Grant	Cross-cutting	Not applicable
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
African Climate Change Fund			4,700,000.00	5,213,533.00	Disbursed	ODA	Grant	Mitigation	Energy
UNFCCC Secretariat			1,205,264.18	1,336,954.17	Disbursed	ODA	Grant	Cross-cutting	Not applicable
UNFCCC ITL			249,121.00	276,340.54	Disbursed	ODA	Grant	Cross-	Other (Biosphere

								cutting	Protection)
UNFCCC Executive Secretary			250,000.00	277,315.59	Disbursed	ODA	Grant	Cross-cutting	Not applicable
Multilateral Fund for the Montreal Protocol			6,559,157.00	7,275,825.85	Disbursed	ODA	Grant	Mitigation	Other (Biosphere Protection)
Multilateral financial institutions, including regional development banks									
1. World Bank	187,048,465.05	207,485,818.13	44,720,318.96	49,606,565.68	Disbursed	ODA	Grant	Cross-cutting	Not applicable
2. International Finance Corporation			7,511,031.83	8,331,704.75	Disbursed	ODA	Grant	Mitigation	Energy
3. African Development Bank	46,989,478.22	52,123,658.59	19,655,354.87	21,802,944.94	Disbursed	ODA	Grant	Cross-cutting	Not applicable
4. Asian Development Bank	33,356,828.14	37,001,473.25	6,167,976.56	6,841,904.12	Disbursed	ODA	Grant	Cross-cutting	Not applicable
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank	5,047,917.76	5,599,465.07	1,033,910.87	1,146,878.39	Disbursed	ODA	Grant	Cross-cutting	Not applicable
7. Other									
Caribbean Development Bank	1,323,300.80	1,467,887.74	846,044.77	938,485.60	Disbursed	ODA	Grant	Cross-cutting	Not applicable
IRENA			468,697.02	519,907.95	Disbursed	ODA	Grant	Mitigation	Not applicable
International Energy Agency	6,000.00	6,655.57	60,413.00	67,013.87	Disbursed	ODA	Grant	Mitigation	Energy
International Energy Forum	44,734.80	49,622.63	29,823.20	33,081.75	Disbursed	ODA	Grant	Cross-cutting	Energy



OECD - Growth Prospects of African Economies	3,000.00	3,327.79	2,000.00	2,218.52	Disbursed	ODA	Grant	Cross-cutting	Cross-cutting
African Union Commission			80,000.00	88,740.99	Disbursed	ODA	Grant	Mitigation	Energy
Bioversity International			800,000.00	887,409.87	Disbursed	ODA	Grant	Adaptation	Agriculture
Caribbean Community Climate Change Centre			69,477.04	77,068.26	Disbursed	ODA	Grant	Cross-cutting	Energy
CIHEAM Libya - Istituto Agronomico Mediterraneo			213,044.00	236,321.69	Disbursed	ODA	Grant	Adaptation	Other (Fishing)
CIHEAM Myanmar - Istituto Agronomico Mediterraneo			136,000.00	150,859.68	Disbursed	ODA	Grant	Mitigation	Agriculture
CIHEAM Tunisia			400,000.00	443,704.94	Disbursed	ODA	Grant	Cross-cutting	Agriculture
EBRD - CEI Fund			51,822.00	57,484.19	Disbursed	ODA	Grant	Mitigation	Energy
EBRD - CEI Fund Belarus			19,312.00	21,422.07	Disbursed	ODA	Grant	Cross-cutting	Energy
EBRD - CEI Fund Serbia			2,952.00	3,274.54	Disbursed	ODA	Grant	Cross-cutting	Other (Education unspecified)
EBRD - CEI Fund Serbia			2,314.40	2,567.28	Disbursed	ODA	Grant	Mitigation	Other (Banking and Financial Services)
FAO Central African Rep.			500,000.00	554,631.17	Disbursed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)
FAO Lebanon			148,000.00	164,170.83	Disbursed	ODA	Grant	Mitigation	Agriculture
FAO Sudan			200,000.00	221,852.47	Disbursed	ODA	Grant	Cross-cutting	Agriculture

FAO Sudan			240,000.00	266,222.96	Disbursed	ODA	Grant	Mitigation	Agriculture
FAO Syria			200,000.00	221,852.47	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
IBRD - WORLD BANK GLOBAL FACILITY FOR DISASTER REDUCTION AND RECOVERY (GFDRR)			800,000.00	887,409.87	Disbursed	ODA	Grant	Cross-cutting	Other (Disaster prevention and preparedness)
IBRD Myanmar			292,000.00	323,904.60	Disbursed	ODA	Grant	Cross-cutting	Other (Rural Development)
IFC MENA Inclusive Green Growth			6,617,257.08	7,340,274.08	Disbursed	ODA	Grant	Mitigation	Forestry
IILA Istituto Italo latino Americano - Colombia			40,000.00	44,370.49	Disbursed	ODA	Grant	Mitigation	Other (Conflict prevention and resolution, peace and security)
IILA Istituto Italo latino Americano - Ecuador			100,000.00	110,926.23	Disbursed	ODA	Grant	Adaptation	Other (Health General)
IMF Somalia			360,000.00	399,334.44	Disbursed	ODA	Grant	Cross-cutting	Other (Government and Civil Society, general)
International Institute for Sustainable Development			20,000.00	22,185.25	Disbursed	ODA	Grant	Mitigation	Other (Environmental Policy and Administrative Management)
UNDP Albania			106,000.00	117,581.81	Disbursed	ODA	Grant	Cross-cutting	Other (Government and Civil Society, general)
UNDP Egypt			960,000.00	1,064,891.85	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental Policy and

									Administrative Management)
UNDP Gaza			400,000.00	443,704.94	Disbursed	ODA	Grant	Cross-cutting	Other (Other infrastructure and services)
UNDP LAC			379,371.20	420,822.19	Disbursed	ODA	Grant	Mitigation	Other (Tourism)
UNDP Tunisia			414,733.91	460,048.71	Disbursed	ODA	Grant	Cross-cutting	Other (Government and Civil Society, general)
UNECE Western Balkans			48,000.00	53,244.59	Disbursed	ODA	Grant	Cross-cutting	Water and sanitation
UNEP Serbia			229,000.00	254,021.08	Disbursed	ODA	Grant	Mitigation	Other (Biosphere Protection)
UNESCO Iraq			120,000.00	133,111.48	Disbursed	ODA	Grant	Cross-cutting	Other (Site preservation)
UNESCO Jordan			200,000.00	221,852.47	Disbursed	ODA	Grant	Mitigation	Other (Environmental education/training)
UNICEF Ethiopia			180,000.00	199,667.22	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
UNIDO Myanmar			320,000.00	354,963.95	Disbursed	ODA	Grant	Cross-cutting	Industry
UNOPS Myanmar			54,884.80	60,881.64	Disbursed	ODA	Grant	Cross-cutting	Other (Government and Civil Society, general)
UNRWA West Bank and Gaza			400,000.00	443,704.94	Disbursed	ODA	Grant	Adaptation	Other (Emergency Response)
WFP El Salvador			291,847.60	323,735.55	Disbursed	ODA	Grant	Cross-	Agriculture

								cutting	
Specialized United Nations bodies									
1. United Nations Development Programme									
UNDP Voluntary Contribution	3,906,000.00	4,332,778.70	294,000.00	326,123.13	Disbursed	ODA	Grant	Cross-cutting	Not applicable
2. United Nations Environment Programme									
UNEP Voluntary Contribution			2,400,000.00	2,662,229.62	Disbursed	ODA	Grant	Adaptation	Other (Environmental Policy and Administrative Management)
UNEP CCAC			450,000.00	499,168.05	Disbursed	ODA	Grant	Mitigation	Cross-cutting
Climate and Clean Air Coalition Trust Fund			450,000.00	499,168.05	Disbursed	ODA	Grant	Cross-cutting	Not applicable
3. Other									
FAO	14,302,919.99	15,865,690.51	7,945,803.60	8,813,980.70	Disbursed	ODA	Grant	Adaptation	Not applicable
FAO Emergency Projects			200,000.00	221,852.47	Disbursed	ODA	Grant	Adaptation	Other (Emergency Response)
FAO International Alliance on Climate Smart Agriculture			400,490.01	444,248.49	Disbursed	ODA	Grant	Adaptation	Other (Environmental Policy and Administrative Management)
World Food Programme	6,324,168.00	7,015,161.40	4,216,112.00	4,676,774.27	Disbursed	ODA	Grant	Adaptation	Not applicable
IFAD	8,116,416.30	9,003,234.94	18,938,304.70	21,007,548.20	Disbursed	ODA	Grant	Cross-cutting	Not applicable

UNECE Water Convention			100,000.00	110,926.23	Disbursed	ODA	Grant	Adaptation	Water and sanitation
UNCCD			118,318.00	131,245.70	Disbursed	ODA	Grant	Cross-cutting	Not applicable
UNIDO	5,807,996.00	6,442,591.24			Disbursed	ODA	Grant		Not applicable
United Nations World Tourism Organization			137,106.40	152,086.97	Disbursed	ODA	Grant	Cross-cutting	Other (Tourism)
UNOPS			5,051,469.77	5,603,405.18	Disbursed	ODA	Grant	Mitigation	Other (Environmental Policy and Administrative Management)
CERF	600,000.00	665,557.40	400,000.00	443,704.94	Disbursed	ODA	Grant	Cross-cutting	Not applicable
IAEA TCF	2,622,692.00	2,909,253.47			Disbursed	ODA	Grant		Not applicable
UNESCO WWAP			532,518.80	590,703.05	Disbursed	ODA	Grant	Adaptation	Water and Sanitation
UNFPA	1,200,000.00	1,331,114.81			Disbursed	ODA	Grant	Cross-cutting	Not applicable
<b>2016</b>									
Total contributions through multilateral channels									
Multilateral climate change funds									
1. Global Environment Facility	14,848,000.00	16,419,329.87	22,272,000.00	24,628,994.80	Disbursed	ODA	Grant	Cross-cutting	Not applicable
2. Least Developed Countries Fund			1,793,078.72	1,982,836.14	Disbursed	ODA	Grant	Adaptation	Other (Environmental policy and administrative

									management)
3. Special Climate Change Fund									
4. Adaptation Fund									
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
African Climate Change Fund			4,700,000.00	5,197,390.25	Disbursed	ODA	Grant	Mitigation	Energy
IPCC			250,000.00	276,456.93	Disbursed	ODA	Grant	Cross-cutting	Not applicable
UNFCCC Contributions			2,489,657.40	2,753,132.15	Disbursed	ODA	Grant	Cross-cutting	Not applicable
Multilateral financial institutions, including regional development banks									
1. World Bank	170,988,563.40	189,083,891.85	35,043,296.60	38,751,848.50	Disbursed	ODA	Grant	Cross-cutting	Not applicable
2. International Finance Corporation									
3. African Development Bank	44,896,982.16	49,648,327.06	11,699,121.84	12,937,213.14	Disbursed	ODA	Grant	Cross-cutting	Not applicable
4. Asian Development Bank	19,725,474.28	21,812,976.09	3,211,123.72	3,550,949.60	Disbursed	ODA	Grant	Cross-cutting	Not applicable
5. European Bank for Reconstruction and Development	4,299,900.00	4,754,948.58	2,215,100.00	2,449,518.96	Disbursed	ODA	Grant	Cross-cutting	Not applicable

6. Inter-American Development Bank	4,887,330.50	5,404,545.50	1,001,019.50	1,106,955.10	Disbursed	ODA	Grant	Cross-cutting	Not applicable
7. Other									
Caribbean Development Fund - Special Development Fund	1,525,000.00	1,686,387.26	975,000.00	1,078,182.02	Disbursed	ODA	Grant	Cross-cutting	Not applicable
Caribbean Development Bank	1,128,609.80	1,248,047.99	721,570.20	797,932.32	Disbursed	ODA	Grant	Cross-cutting	Not applicable
AIIB	158,416,531.00	175,181,390.03			Disbursed	ODA	Grant	Cross-cutting	Not applicable
IRENA			1,230,260.58	1,360,456.24	Disbursed	ODA	Grant	Mitigation	Not applicable
UNIDO ITPO (Investment and Technology Promotion Office) - Iran			59,850.00	66,183.79	Disbursed	ODA	Grant	Cross-cutting	Industry
Biodiversity International			2,500,000.00	2,764,569.28	Disbursed	ODA	Grant	Cross-cutting	Agriculture
UNFCCC - SIDS			250,000.00	276,456.93	Disbursed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)
REC - Building Bridges - Caribbean			40,000.00	44,233.11	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
International Institute for Sustainable Development			200,000.00	221,165.54	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)

REC - CEE			100,585.00	111,229.68	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
EBRD Montenegro Water Sector Reform	42,000.00	46,444.76	28,000.00	30,963.18	Disbursed	ODA	Grant	Cross-cutting	Water and Sanitation
EBRD Former Yugoslav Republic of Macedonia / Europe / public solar lamps donation			38,786.00	42,890.63	Disbursed	ODA	Grant	Mitigation	Other (Government and civil society general)
EBRD CEI Fund	25,590.00	28,298.13	17,060.00	18,865.42	Disbursed	ODA	Grant	Mitigation	Agriculture
EBRD Serbia	44,400.00	49,098.75	29,600.00	32,732.50	Disbursed	ODA	Grant	Cross-cutting	Industry
EBRD Serbia	14,897.40	16,473.96	9,931.60	10,982.64	Disbursed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)
EBRD Serbia	18,444.60	20,396.55	12,296.40	13,597.70	Disbursed	ODA	Grant	Cross-cutting	Other (Disaster prevention and preparedness)
EBRD Europe	9,078.00	10,038.70	6,052.00	6,692.47	Disbursed	ODA	Grant	Cross-cutting	Other (Disaster prevention and preparedness)
IOM - International Organisation for Migration			465,312.50	514,555.46	Disbursed	ODA	Grant	Adaptation	Other (Population policies)
OSA Organization States of America			33,026.00	36,521.07	Disbursed	ODA	Grant	Cross-cutting	Water and Sanitation
IILA Istituto Italo latino Americano			200,000.00	221,165.54	Disbursed	ODA	Grant	Adaptation	Other (Government and civil society general)



IEA International Energy Agency - IGAD- Intergovernmental Authority on Development	300,000.00	331,748.31	200,000.00	221,165.54	Disbursed	ODA	Grant	Cross-cutting	Other (Government and civil society general)
IEA International Energy Agency - Climate Change Caribbean Community Center			268,499.80	296,914.52	Disbursed	ODA	Grant	Cross-cutting	Energy
IEA International Energy Agency - UN Global Compact Trust Fund	36,000.00	39,809.80	24,000.00	26,539.87	Disbursed	ODA	Grant	Cross-cutting	Cross-cutting
CIHEAM - Ethiopia	599,949.00	663,440.23	399,966.00	442,293.49	Disbursed	ODA	Grant	Mitigation	Agriculture
CIHEAM - Libya	660,000.00	729,846.29	440,000.00	486,564.19	Disbursed	ODA	Grant	Mitigation	Other (Fishing)
CEM - Clean Energy Ministerial Secretariat - CEAP	30,000.00	33,174.83	20,000.00	22,116.55	Disbursed	ODA	Grant	Mitigation	Energy
UNDP - Somalia	1,200,000.00	1,326,993.25	800,000.00	884,662.17	Disbursed	ODA	Grant	Cross-cutting	Other (Education Unspecified)
UNDP - Albania	120,000.00	132,699.33	80,000.00	88,466.22	Disbursed	ODA	Grant	Cross-cutting	Other (Education post-secondary)
UNDP - Somalia	600,000.00	663,496.63	400,000.00	442,331.08	Disbursed	ODA	Grant	Cross-cutting	Energy
UNDP - Lebanon	50,100.00	55,401.97	33,400.00	36,934.65	Disbursed	ODA	Grant	Cross-cutting	Industry
UNDP - Morocco			1,000,000.00	1,105,827.71	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
UNEP United Nations Environment Programme - DTIE Egypt	390,431.88	431,750.39	260,287.92	287,833.60	Disbursed	ODA	Grant	Mitigation	Energy
UNEP United Nations Environment Programme -	66,600.00	73,648.13	44,400.00	49,098.75	Disbursed	ODA	Grant	Adaptation	Other (Biosphere

Serbia									protection)
UNEP United Nations Environment Programme - Biodiversity for sustainable development in the Caribbean	113,948.41	126,007.31	75,965.60	84,004.87	Disbursed	ODA	Grant	Mitigation	Other (Bio-diversity)
UNEP - Inquiry into the Design of a Sustainable Financial System	762,606.05	843,310.90	508,403.95	562,207.18	Disbursed	ODA	Grant	Mitigation	Other (Banking and financial services)
UNICEF - Lebanon	1,440,000.00	1,592,391.91	960,000.00	1,061,594.60	Disbursed	ODA	Grant	Cross-cutting	Other (Education Basic)
WMO - Climate Change Adaptation and Disaster Risk Reduction in Agriculture, South Sahara	493,705.96	545,953.73	329,137.31	363,969.16	Disbursed	ODA	Grant	Adaptation	Other (Education post-secondary)
FAO - Mediterranean Region	180,000.00	199,048.99	120,000.00	132,699.33	Disbursed	ODA	Grant	Cross-cutting	Other (Health Basic)
FAO - South Sahara			1,300,000.00	1,437,576.03	Disbursed	ODA	Grant	Cross-cutting	Agriculture
FAO - Bolivia	483,606.00	534,784.92	322,404.00	356,523.28	Disbursed	ODA	Grant	Cross-cutting	Other (Developmental food aid/Food security assistance)
FAO Bilateral Emergency Fund	1,200,000.00	1,326,993.25	800,000.00	884,662.17	Disbursed	ODA	Grant	Adaptation	Other (Emergency Response)
UNECE - United Nations Economic Commission for Europe - Western Balkans			165,000.00	182,461.57	Disbursed	ODA	Grant	Adaptation	Water and Sanitation
UNHCR - U.N. Office of the United Nations High Commissioner for Refugees - Iraq	264,901.80	292,935.75	176,601.20	195,290.50	Disbursed	ODA	Grant	Cross-cutting	Other (Reconstruction relief and rehabilitation)

UNICEF - Ethiopia	1,200,000.00	1,326,993.25	800,000.00	884,662.17	Disbursed	ODA	Grant	Mitigation	Other (Emergency Response)
UNHCR - U.N. Office of the United Nations High Commissioner for Refugees	1,800,000.00	1,990,489.88	1,200,000.00	1,326,993.25	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
UNICEF Bilateral Emergency Fund	1,800,000.00	1,990,489.88	1,200,000.00	1,326,993.25	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
UNOPS - Afghanistan			700,000.00	774,079.40	Disbursed	ODA	Grant	Adaptation	Transport
UNIDO - Ethiopia	590,538.00	653,033.29	393,692.00	435,355.52	Disbursed	ODA	Grant	Cross-cutting	Agriculture
UNIDO - China and Cuba	35,280.00	39,013.60	23,520.00	26,009.07	Disbursed	ODA	Grant	Cross-cutting	Industry
UNIDO - Ethiopia	870,000.00	962,070.11	580,000.00	641,380.07	Disbursed	ODA	Grant	Cross-cutting	Industry
UNESCO - Myanmar	252,000.00	278,668.58	168,000.00	185,779.06	Disbursed	ODA	Grant	Cross-cutting	Other (Site preservation)
United Nations Office of Co-ordination of Humanitarian Affairs - Bilateral Emergency Fund	600,000.00	663,496.63	400,000.00	442,331.08	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
WFP - Syria	600,000.00	663,496.63	400,000.00	442,331.08	Disbursed	ODA	Grant	Cross-cutting	Other (Developmental food aid/Food security assistance)
WFP Somalia	600,000.00	663,496.63	400,000.00	442,331.08	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
WFP - Syria	1,200,000.00	1,326,993.25	800,000.00	884,662.17	Disbursed	ODA	Grant	Cross-cutting	Other (Emergency Response)
WFP Bilateral Emergency Fund	1,800,000.00	1,990,489.88	1,200,000.00	1,326,993.25	Disbursed	ODA	Grant	Cross-	Other (Emergency Response)

								cutting	Response)
Specialized United Nations bodies									
1. United Nations Development Programme									
UNDP	4,650,000.00	5,142,098.86	350,000.00	387,039.70	Disbursed	ODA	Grant	Cross-cutting	Not applicable
2. United Nations Environment Programme									
UNEP - CACC (Climate & Clean Air Coalition) Trust Fund			61,000.00	67,455.49	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
UNEP - GEO 6			210,000.00	232,223.82	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
UNEP - IRP			80,000.00	88,466.22	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
UNEP- Global District Energy in Cities initiative (DES)			102,311.84	113,139.27	Disbursed	ODA	Grant	Mitigation	Energy
UNEP Multilateral Fund for the Implementation of the Montreal Protocol			6,722,886.00	7,434,353.64	Disbursed	ODA	Grant	Mitigation	Other (Biosphere Protection)
3. Other									

UN PEACE OPERATION			470,411.14	520,193.67	Disbursed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)
UNCCD			1,332,160.00	1,473,139.44	Disbursed	ODA	Grant	Adaptation	Other (Environmental policy and administrative management)
UNESCO - WWAP			991,800.00	1,096,759.92	Disbursed	ODA	Grant	Adaptation	Water and Sanitation
FAO	9,888,052.74	10,934,482.74	5,000,000.00	5,529,138.56	Disbursed	ODA	Grant	Cross-cutting	Agriculture
FAO - International Alliance on Climate Smart Agriculture			639,967.22	707,693.49	Disbursed	ODA	Grant	Adaptation	Other (Environmental policy and administrative management)
IFAD - International Fund for Agricultural Development	2,117,444.06	2,341,528.32	4,940,702.82	5,463,566.09	Disbursed	ODA	Grant	Cross-cutting	Agriculture
CIHEAM - International Centre for Advanced Mediterranean Agronomic Studies (UNFAO)			7,664,509.00	8,475,626.45	Disbursed	ODA	Grant	Adaptation	Agriculture
UNDESA - High Level Political Forum	270,000.00	298,573.48			Disbursed	ODA	Grant	Cross-cutting	Not applicable
World Food Programme	3,715,576.51	4,108,787.47	2,477,051.01	2,739,191.65	Disbursed	ODA	Grant	Adaptation	Not applicable

**CTF Table 7(b) Provision of public financial support: contribution through bilateral, regional and other channels**

	Total Amount									
	Climate-specific									
Project/programme/activity	Domestic Currency	USD	Status	Funding source	Financial instrument	Type of support	Sector	Recipient country or region	Additional Information	
2015										
Total contributions through bilateral, regional and other channels										
Region Africa - MoU	15,093,579.00	16,742,738.77	Committed	ODA	Grant	Mitigation	Energy	Africa	Promotion of renewableand sustainable energies in African Countries.	
Tunisia - MoU	14,500,000.00	16,084,303.94	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Tunisia	Development of climate change adaptation and mitigation measures to climate change.	
Developing countries, unspecified / / Contribution to ICTP - International Centre for Theoretical Physics	8,236,979.20	9,136,970.83	Committed	ODA	Grant	Cross-cutting	Other (Education post- secondary)	Other (Developing countries)		
West Bank & Gaza Strip / Asia (Middle East Asia) / START – UP PALESTINE: financial vehicles and technical assistance to boost employment and income generation in Palestine	8,000,000.00	8,874,098.72	Committed	ODA	Concessional loan	Cross-cutting	Other (Banking and financial services)	Other (West Bank and Gaza)		
Myanmar / Asia (South & Central Asia) / Italian contribution to the up scaling of the National Community Driven Development (NCDD) Project	8,000,000.00	8,874,098.72	Committed	ODA	Concessional loan	Cross-cutting	Other (Rural Development)	Myanmar		
Nicaragua / America (North & Central America) / Programme for the development of the dairy industry in the livestock basin south-west of Rio San Juan and the route to Santo Tomas El Rama (PRODERUL)	7,500,000.00	8,319,467.55	Committed	ODA	Concessional loan	Cross-cutting	Agriculture	Nicaragua		
Senegal / Africa (South of Sahara) / Agricultural Programme Italy-Senegal PAIS	6,000,000.00	6,655,574.04	Committed	ODA	Concessional loan	Cross-cutting	Agriculture	Senegal		

CARICOM area - Cooperation on Climate Change Vulnerability, Adaptation and Mitigation	6,000,000.00	6,655,574.04	Committed	ODA	Grant	Cross-cutting	Energy	Asia Pacific	Development of climate change adaptation measures, increasing and promotion of renewable energy, transfer of technology and know-how. Governments of: Antigua e Barbuda, Bahamas, Belize, Barbados, Dominica, Grenada, Guyana, Haiti, Giamaica, St. Kitts e Nevis, St. Vincent e Grenadines, St. Lucia, Suriname, Trinidad e Tobago
Ethiopia / Africa (South of Sahara) / Drought Resilience and Sustainable Livelihoods Programme -Drslp	4,800,000.00	5,324,459.23	Committed	ODA	Concessional loan	Cross-cutting	Other (Rural Development)	Ethiopia	
Egypt / Africa (North of Sahara) / Sustainable Agricultural Mechanization System Improvement in Minia and Fayoum Governorates	4,000,000.00	4,437,049.36	Committed	ODA	Concessional loan	Cross-cutting	Agriculture	Egypt	
Africa, regional / Africa / Biosafety	4,000,000.00	4,437,049.36	Committed	ODA	Grant	Adaptation	Agriculture	Africa	ICGEB - International Centre for Genetic Engineering and Biotechnology. Biosafety, OGM, environment. Cooperation sud-sud and north-sud. Education and training with courses and seminars participations
Maldives - MoU	4,000,000.00	4,437,049.36	Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	Maldives	Support to climate change adaptation, to renewable energies promotion, GHG emission reduction. Development of climate change adaptation measures and mesurement of its impact on potentially vulnerable areas of the region's economies.
Egypt - MoU	3,606,000.00	4,000,000.00	Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	Egypt	Support to climate change adaptation, to renewable energies promotion, GHG emission reduction. Development of climate change adaptation measures and mesurement of its impact on

									potentially vulnerable areas of the region's economies.
Iran	3,000,000.00	3,327,787.02	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Iran (Islamic Republic of)	
Palestine	1,476,000.00	1,637,271.21	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Other (West Bank and Gaza)	
Afghanistan / Asia (South & Central Asia) / Italian contribution to the Third National Solidarity Program (NSP III) in Herat, Bamyan, Ghor, Farah and Badghis	2,000,000.00	2,218,524.68	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Afghanistan	
Botswana	2,000,000.00	2,218,524.68	Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	Botswana	To foster and coordinate actions to face global climate change. Development of climate change adaptation measures and measurement of its impact on potentially vulnerable areas of the region's economies.
Ghana, Papua New Guinea, Panama - MoU	2,000,000.00	2,218,524.68	Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	Ghana	ENHANCEMENT OF LOW CARBON SUSTAINABLE DEVELOPMENT AND SUPPORT OF MITIGATION AND ADAPTATION TO CLIMATE CHANGE.
Lesotho - MoU	5,000,000.00	5,546,311.70	Committed	ODA	Grant	Adaptation	Other (Environmental policy and administrative management)	Lesotho	Development of climate change adaptation measures and measurement of impacts on vulnerable sectors.
Morocco	2,000,000.00	2,218,524.68	Committed	ODA	Grant	Cross-cutting		Morocco	
Comoros Islands - MoU	1,352,250.00	1,500,000.00	Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	Comoros	Support to climate change adaptation, to renewable energies promotion, GHG emission reduction.
Ethiopia / Africa (South of Sahara) / Support to the wash sector in urban areas	1,400,000.00	1,552,967.28	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Ethiopia	
Burkina Faso / Africa (South of Sahara) / Reconstruction of Touro dam	1,200,000.00	1,331,114.81	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	



Senegal / Africa (South of Sahara) / Emergency Initiative in support of the vulnerable people, refugees, IDPs and migrants addressing the root causes of irregular migration. Local fund	1,200,000.00	1,331,114.81	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Senegal	
Lebanon / Asia (Middle East Asia) / Thecnical Assistance under the Lebanon Environmental Pollution Abatement Project. ART. 15	980,500.00	1,087,631.72	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Lebanon	
Burkina Faso / Africa (South of Sahara) / Project for dredging , rehabilitation and development of the river basin of Dori-Burkina Faso.	970,600.00	1,076,650.03	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Mali / Africa (South of Sahara) / Emergency humanitarian assistance to the people of Mopti's region, with special focus on vulnerable groups	970,000.00	1,075,984.47	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Mali	This emergency initiative is multi factorial, based on three pillars: food security, health and education. It is aimed at supporting local communities in the centre of the country with the objective of improving the living conditions.
Bolivia / America (South America) / PROGRAM AMAZONIA WITHOUT FIRE - PHASE II	900,000.00	998,336.11	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Bolivia	
Bioversity international	800,000.00	887,409.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (Developing countries)	Voluntary contribution 2015
West Bank & Gaza Strip / Asia (Middle East Asia) / Protecting refugees and/or population at risk of forcible transfer in East Jerusalem and Area C of the West Bank.	800,000.00	887,409.87	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (West Bank and Gaza)	
Ethiopia / Africa (South of Sahara) / Emergency initiative in support of the vulnerable people, refugees, IDPs and migrants.	800,000.00	887,409.87	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Ethiopia	
Lebanon / Asia (Middle East Asia) / Strenghten resilience of the local communities and the capacity of Municipalities to del with the consequences of crisis. Local fund	800,000.00	887,409.87	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Lebanon	
Tunisia / Africa (North of Sahara) / TUNISIA - RJIM MAATOUG REGION COMPLEMENTARY ACTIONS	792,000.00	878,535.77	Committed	ODA	Grant	Adaptation	Agriculture	Tunisia	

Lebanon / Asia (Middle East Asia) / Lebanon - INTEGRATED SYSTEM FOR THE MANAGEMENT OF THE JOUZ RIVER RESOURCES AIMED AT INSTALLATION OF HYDRO POWER PLANT	760,000.00	843,039.38	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Mali / Africa (South of Sahara) / Emergency humanitarian assistance to the victims of the ongoing conflicts. Local fund	725,000.00	804,215.20	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Mali	This emergency initiative is multi factorial, based on two pillars: food security and health. It is aimed at supporting local communities in the centre-south of the country
West Bank & Gaza Strip / Asia (Middle East Asia) / Humanitarian Intervention in the Gaza Strip: Strengthening the recovery phase in favour of the most vulnerable segments of the Pale. Local fund	640,000.00	709,927.90	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (West Bank and Gaza)	
Oceania, regional / Oceania / Energy, Ecosystems, and Sustainable Livelihoods Initiative: in the Pacific Islands States	600,000.00	665,557.40	Committed	ODA	Grant	Mitigation	Energy	Asia Pacific	
South Sudan / Africa (South of Sahara) / Emergency initiative for social and health services to the population affected by the humanitarian crisis. Local fund	600,000.00	665,557.40	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (South Sudan)	
Burkina Faso / Africa (South of Sahara) / Healthy milk for Burkina Faso	593,819.00	658,701.05	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Africa, regional / Africa / TWAS Price; postgraduate training; advanced research; general annual conference	580,000.00	643,372.16	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Africa	
South Sudan / Africa (South of Sahara) / Emergency Initiative for water and sanitation, food security and protection of children affected by the humanitarian crisis. Local fund	580,000.00	643,372.16	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (South Sudan)	
Mozambique / Africa (South of Sahara) / Resilience in Gorongosa	566,389.31	628,274.33	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Mozambique	The project aims to reactivate the processes of social-economic and productive development, school activities and services as well as basic health and gender equality.
West Bank & Gaza Strip / Asia (Middle East Asia) / STRENGTHENING THE NATIONAL EARLY	544,000.00	603,438.71	Committed	ODA	Grant	Cross-cutting	Other (Reconstruction relief and rehabilitation)	Other (West Bank and	

RECOVERY RECONSTRUCTION OLAN IN THE Gaza STRIP								Gaza)	
North of Sahara, regional / Africa (North of Sahara) / Sciences for Diplomacy 2: Multisectorial training Programme	497,209.61	551,535.90	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Middle East and North Africa	
Cuba / America (North & Central America) / VIA LACTEA: Strengthening the milk value chain in four provinces of Cuba	496,700.00	550,970.60	Committed	ODA	Grant	Cross-cutting	Agriculture	Cuba	
Burkina Faso / Africa (South of Sahara) / Agro-pastoral training center	471,816.00	523,367.72	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Mauritania / Africa (South of Sahara) / Increase of Agricultural Production in the Mauritanian Central- Eastern regions. Financing to recipient government institutions	465,040.00	515,851.36	Committed	ODA	Grant	Mitigation	Agriculture	Mauritania	
Bolivia / America (South America) / Family greenhouse construction to increase food safety through the consumption of vegetables and the commercialization of surplus	464,367.33	515,105.19	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	
Bolivia / America (South America) / Small hydroelectric plants for the adaptation to climate change	458,089.55	508,141.49	Committed	ODA	Grant	Cross-cutting	Energy	Bolivia	
Peru / America (South America) / Promotion of organic food chains with indigenous cooperatives in the Peruvian Amazon	432,215.50	479,440.38	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	
Vanuatu / Oceania / Emergency cyclone in the islands of Vanuatu and Tuvalu	1,000,000.00	1,109,262.34	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Vanuatu	
Afghanistan / Asia (South & Central Asia) / Emergency program to support vulnerable people. Local fund	400,000.00	443,704.94	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Afghanistan	
Albania / Europe / Buke, Kripe and Zemer - Food, Tradition and Culture: processes of co-development in areas marginal northern and southern Albania	400,000.00	443,704.94	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Albania	
Chinese Academy of Social Sciences	400,000.00	443,704.94	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	China	
Kenya / Africa (South of Sahara) / Kenya -	397,200.00	440,599.00	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	

sustainable development of irrigation and land reclamation in Kenya									
West Bank & Gaza Strip / Asia (Middle East Asia) / ECOSUSTAINABLE ACTION TO PROMOTE AGRICULTURAL PASTORAL PRODUCTIVITY IN SEMIDESERTIC AREA IN HEBRON DISCTRICT	396,000.00	439,267.89	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Iraq / Asia (Middle East Asia) / Support to the State action for the preservation and restoration of Iraq's cultural heritage	389,124.00	431,640.60	Committed	ODA	Grant	Adaptation	Other (Site preservation)	Iraq	
Kenya / Africa (South of Sahara) / Out of the Street-Integrated program for child protection through creation of Gardens of the Road and CSO of Dagoretti empowermen	383,839.08	425,778.24	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Kenya	The project purpose is to contribute to eradicate extreme poverty and hunger in the slum of Dagoretti, to promote a community which can take care of child protection, food security, recovery and reintegration of young vulnerable teenager of Nairobi.
Mozambique / Africa (South of Sahara) / Conservation of Natural Resources in the National Reserve of Gile etc.	358,344.00	397,497.50	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Mozambique	
Congo, Dem. Rep. / Africa (South of Sahara) / Capacity building for the distribution and marketing of agricultural products	352,164.00	390,642.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	
Nepal / Asia (South & Central Asia) / Support to Nepalese Cultural Heritage damaged by the earthquake 2015	136,553.40	151,473.54	Committed	ODA	Grant	Mitigation	Other (Site preservation)	Nepal	
Lebanon / Asia (Middle East Asia) / Training and Education in Agricultural Technical Schools in Lebanon FEAST	328,920.46	364,859.08	Committed	ODA	Grant	Cross-cutting	Agriculture	Lebanon	
Brazil / America (South America) / Construction of two Dark House aviaries at the Fazenda da Esperança in Sao Rafael Casca	322,507.00	357,744.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	
El Salvador / America (North & Central America) / Humedal Vivo - Participatory Environmental Management of Cerron Grande Wetlands through inclusive, responsible and sustainable eco	322,000.00	357,182.47	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	El Salvador	

Ethiopia / Africa (South of Sahara) / Self-care tool for Mendida High Technical School	315,433.00	349,897.95	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	
Mozambique / Africa (South of Sahara) / Improving the sustainability of educational and health services of four missions of the Archdiocese of	315,048.33	349,471.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
India / Asia (South & Central Asia) / Purchase and installation of solar panels for the Good Samaritan Cancer & General Hospital in Eluru	295,125.00	327,371.05	Committed	ODA	Grant	Mitigation	Other (Health General)	India	
Africa, regional / Africa / Conference and seminars for young scientists. Science and Diplomacy project	290,000.00	321,686.08	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Africa	
Sudan / Africa (South of Sahara) / Emergency Initiative for water and sanitation, food security and protection of children affected by the humanitarian crisis. Local fund	290,000.00	321,686.08	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Sudan	
Bolivia / America (South America) / Project for sustaining the integrated management of Rio Grande, Santa Cruz, Bolivia (ANGIRG)	283,213.00	314,157.52	Committed	ODA	Grant	Mitigation	Water and Sanitation	Bolivia	
Lebanon / Asia (Middle East Asia) / Lebanon - DEVELOPMENT OF THE MARINE ENVIRONMENT TO SERVE THE NEEDS OF THE COASTAL COMMUNITIES - CANA PLUS	280,000.00	310,593.46	Committed	ODA	Grant	Mitigation	Other (Environmental Research)	Lebanon	
Cameroon / Africa (South of Sahara) / Prevention of endemic diseases, water, nutrition of children and hygiene promotion	279,525.00	310,066.56	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Cameroon	
Benin / Africa (South of Sahara) / Training and agricultural promotion	267,200.00	296,394.90	Committed	ODA	Grant	Cross-cutting	Agriculture	Benin	
Sudan / Africa (South of Sahara) / Poverty Alleviation project in the State of Kassala and Red Sea.	262,155.60	290,799.33	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Sudan	
Kenya / Africa (South of Sahara) / Food chains and renewable energy sources	253,657.00	281,372.16	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Mozambique / Africa (South of Sahara) / Protection of coastal and marine habitats of the Quirimbas National Park for food security and economic development	251,596.00	279,085.97	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Mozambique	

Ethiopia / Africa (South of Sahara) / Strengthening health infrastructure at local level - Support to Safe Water, Drug Warehouses and Electronic Medical Records for health	243,000.00	269,550.75	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Ethiopia	
West Bank & Gaza Strip / Asia (Middle East Asia) / N.O.I. Young people in Palestine - New Opportunities for Integration and Employment for young vulnerable Palestinians	240,000.00	266,222.96	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Other (West Bank and Gaza)	
West Bank & Gaza Strip / Asia (Middle East Asia) / Improving social-health conditions in the Governorate of Tulkarem through the development of waste recycling	232,552.00	257,961.18	Committed	ODA	Grant	Mitigation	Water and Sanitation	Other (West Bank and Gaza)	
Myanmar / Asia (South & Central Asia) / Tourism and cultural Heritage - phase I	228,000.00	252,911.81	Committed	ODA	Grant	Cross-cutting	Other (Tourism)	Myanmar	
Palau / International Coral Reef Centre	224,571.91	249,109.16	Committed	ODA	Grant	Adaptation	Other (Flood prevention/control)	Palau	Project "Establishment of the First Nationwide Marine Sanctuary in Palau: a long term adaptation response to the impacts of climate change on marine ecosystems"
Mozambique / Africa (South of Sahara) / Training of researchers and managers for biotechnology of environment and health in Mozambique	223,780.00	248,230.73	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Mozambique	
Tunisia / Africa (North of Sahara) / OASIS - Agriculture Oasis for Sustainable Business Development	221,200.00	245,368.83	Committed	ODA	Grant	Adaptation	Agriculture	Tunisia	
Myanmar / Asia (South & Central Asia) / SESAMUM. Sustainable Economic development of Agriculture in Magway	220,527.84	244,623.23	Committed	ODA	Grant	Mitigation	Agriculture	Myanmar	
Africa, regional / Africa / Capacity development in Sub-Saharan Africa in Natural Resources Management for Tropical Rural Development (II edition - 2015-2017)	214,512.91	237,951.09	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Africa	
Burkina Faso / Africa (South of Sahara) / Women and inclusive rural development as a means of achieving food security in Burkina Faso	211,481.20	234,588.13	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	

Congo, Rep. / Africa (South of Sahara) / Start production and integration for sustainable development	209,927.60	232,864.78	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Democratic Republic of the Congo	
Gabon / Africa (South of Sahara) / Support and training to agricultural associations and support to the school center	208,866.00	231,687.19	Committed	ODA	Grant	Cross-cutting	Agriculture	Gabon	
North & Central America, regional / America (North & Central America) / Training pilot project for protection and management of CARICOM countries' cultural heritage	83,200.00	92,290.63	Committed	ODA	Grant	Mitigation	Other (Site preservation)	Other (North and Central America)	
Angola / Africa (South of Sahara) / PIPDEFA (Integrated program for the protection and development of coastal forests of Angola).	203,274.86	225,485.15	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Angola	
Lebanon / Asia (Middle East Asia) / SUSTAINABLE DEVELOPMENT OF THE BUFFER ZONE OF THE SHOUF CEDAR RESERVE	200,000.00	221,852.47	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Lebanon	
Ethiopia / Africa (South of Sahara) / Strengthening the role of women in water, sanitation and community development in SNNPRS - DIASC	194,366.86	215,603.84	Committed	ODA	Grant	Mitigation	Water and Sanitation	Ethiopia	
Vietnam / Asia (Far East Asia) / Support to balance payments and water sector Program aid. Financing to recipient government institutions	187,840.00	208,363.84	Committed	ODA	Grant	Mitigation	Water and Sanitation	Vietnam	
Mozambique / Africa (South of Sahara) / A supply chain for sustainable economic growth	184,160.96	204,282.82	Committed	ODA	Grant	Adaptation	Water and Sanitation	Mozambique	
Senegal / Africa (South of Sahara) / HEALTH PLUS : Water , Sanitation and Nutrition in the District of Tenghory	180,300.71	200,000.79	Committed	ODA	Grant	Mitigation	Water and Sanitation	Senegal	
Niger / Africa (South of Sahara) / Land and Peace: participatory t and sustainable land use managemen in the region of Tahoua	179,312.08	198,904.14	Committed	ODA	Grant	Mitigation	Agriculture	Niger	
Kenya / Africa (South of Sahara) / Enhancement of food chains and of renewable energy sources development in the county of Tharaka-Nithi - Kenya	177,004.00	196,343.87	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Burkina Faso / Africa (South of Sahara) / Plant the future. The knowledge for the food security	168,044.02	186,404.90	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	

Chad / Africa (South of Sahara) / Ensure food security is possible: support to the women of Chad for the creation of a production chain in Hadjer - Lamis Region	168,009.00	186,366.06	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	
Somalia / Africa (South of Sahara) / Improvement of food security for the poorest rural communities in the Northern West area of Maroodijeh Region	166,815.00	185,041.60	Committed	ODA	Grant	Mitigation	Agriculture	Somalia	
Guatemala / America (North & Central America) / Food security, education and promotion of agricultural production of campesino families who were victims of drought in Escuintla - Ex. n. 685/2014	165,512.00	183,596.23	Committed	ODA	Grant	Cross-cutting	Agriculture	Guatemala	
Mozambique / Africa (South of Sahara) / Strengthening the systems of cereals and oilseeds for food security in the district of Nhamatanda - Sofala Province	165,154.60	183,199.78	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
Mozambique / Africa (South of Sahara) / Sesame, Vegetables & Honey	165,104.00	183,143.65	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
North & Central America, regional / America (North & Central America) / RIESCA - Project applied training in risk scenarios in Central America	160,000.00	177,481.97	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Other (North and Central America)	
Mozambique / Africa (South of Sahara) / ECO-ILHAS	160,000.00	177,481.97	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
Chad / Africa (South of Sahara) / Construction of 4 agricultural supply chains aimed at ensuring food security of 100 families in the sub-prefecture of Gagai	158,366.00	175,669.44	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	
West Bank & Gaza Strip / Asia (Middle East Asia) / From the water to the market: a great challenge for the small farmers and the women producing milk products in the West Bank	157,400.48	174,598.42	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Myanmar / Asia (South & Central Asia) / Women, Environment and Community forests for food security Rakhine (DAPHNE)	154,114.00	170,952.86	Committed	ODA	Grant	Mitigation	Agriculture	Myanmar	



Cuba / America (North & Central America) / Enhancement of the integral urban and suburban farming program in its main components	150,326.18	166,751.17	Committed	ODA	Grant	Mitigation	Agriculture	Cuba	
El Salvador / America (North & Central America) / Access to water and to health and hygiene services: women empowerment and sociale inclusion in the microregion of Morazan Norte	148,257.94	164,456.95	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	El Salvador	
Ethiopia / Africa (South of Sahara) / Ethiopia - Trachoma SAFE	147,446.80	163,557.18	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Ethiopia	
Somalia / Africa (South of Sahara) / Somalia Archive - Co-financing with University Roma Tre Centro Studi Somali III year	58,934.00	65,373.27	Committed	ODA	Grant	Cross-cutting	Other (Site preservation)	Somalia	
South of Sahara, regional / Africa (South of Sahara) / Capacity development in Subsaharan Africa in Natural Resources Management for Tropical Rural Development	146,781.60	162,819.30	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (South Sahara)	
Guatemala / America (North & Central America) / MARIPOSAS - Education, food security and gender equality	146,020.00	161,974.49	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Guatemala	
Honduras / America (North & Central America) / Preparing communities to adapt to climate change through integrated processes that enable sustainable development in 27 communities	143,904.00	159,627.29	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Honduras	
West Bank & Gaza Strip / Asia (Middle East Asia) / Support for the reorganization of production, management and trade unions of producers of dates Palestinians and Egyptians	142,393.60	157,951.86	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Kenya / Africa (South of Sahara) / Improve the access to water, sanitation and high quality basic health services in the Isiolo County,	136,936.45	151,898.44	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Kenya	
India / Asia (South & Central Asia) / Vocational training and entrepreneurial development in sustainable agriculture for farmers in 20 rural villages of Kozhikode and Malappuram district	136,456.00	151,365.50	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
Korea, Dem. Rep. / Asia (Far East Asia) / Improving traditional farming system to concur to food security in Kangwon Province	135,572.00	150,384.91	Committed	ODA	Grant	Mitigation	Agriculture	Democratic People's Republic of	

								Korea	
Brazil / America (South America) / Starting a Fazenda da Esperança in the municipality of Santa Cruz do Rio Pardo	134,992.00	149,741.54	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	
Myanmar / Asia (South & Central Asia) / Strengthen local capacities for the environmental conservation and the development of tourism in the archipelago of Myeik	134,468.00	149,160.29	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Myanmar	
Sri Lanka / Asia (South & Central Asia) / SRI-ECO Integrated rural development ECOsustainable in Sri Lanka	132,633.44	147,125.28	Committed	ODA	Grant	Mitigation	Agriculture	Sri Lanka	
Ethiopia / Africa (South of Sahara) / Inclusive and Sustainable Value Chains Development in Oromia	132,400.00	146,866.33	Committed	ODA	Grant	Mitigation	Agriculture	Ethiopia	
Kenya / Africa (South of Sahara) / Valorization of food chains in the county of Tharaka-Nithi	131,600.00	145,978.92	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	
Guinea / Africa (South of Sahara) / Increasing the resilience of small producers of rice, vegetables and yam in Upper Guinea	130,322.80	144,562.17	Committed	ODA	Grant	Mitigation	Agriculture	Guinea	
Cameroon / Africa (South of Sahara) / Agricultural development and environmental sustainability	128,550.80	142,596.56	Committed	ODA	Grant	Adaptation	Agriculture	Cameroon	
Ethiopia / Africa (South of Sahara) / Support to the wash sector in urban areas	128,000.00	141,985.58	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Ethiopia	
Uganda / Africa (South of Sahara) / Gulunap project - Development of cooperation for the faculties of science and agriculture of Gulu university	50,792.80	56,342.54	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Uganda	
West Bank & Gaza Strip / Asia (Middle East Asia) / The Jericho Oasis	50,657.60	56,192.57	Committed	ODA	Grant	Cross-cutting	Other (Site preservation)	Other (West Bank and Gaza)	
Ecuador / America (South America) / Economic empowerment and participation of women in the integrated production chain of fine aromatic cocoa	126,601.97	140,434.80	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	

Ethiopia / Africa (South of Sahara) / Improvement of agricultural production and of food security in the district of Saba Boru, Oromia, Ethiopia.	126,176.40	139,962.73	Committed	ODA	Grant	Mitigation	Agriculture	Ethiopia	
Algeria / Africa (North of Sahara) / WADIS-MAR: Water harvesting and agricultural techniques in Drylands: an Integrated and Sustainable model in Mahgreb Regions	123,000.00	136,439.27	Committed	ODA	Grant	Adaptation	Water and Sanitation	Algeria	
Iran / Asia (Middle East Asia) / IRALT	48,000.00	53,244.59	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Iran (Islamic Republic of)	
Senegal / Africa (South of Sahara) / Sustainable development and fair employment in the fishing Sector in Ziguinchor	119,239.32	132,267.69	Committed	ODA	Grant	Mitigation	Other (Fishing)	Senegal	
Mozambique / Africa (South of Sahara) / General budget support - local fund	118,640.00	131,602.88	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Mozambique	
Congo, Dem. Rep. / Africa (South of Sahara) / Emergency intervention and rehabilitation in favor of border populations already occupied by Rwandan Hutus in Mwenga territory	112,578.80	124,879.42	Committed	ODA	Grant	Adaptation	Other (Reconstruction relief and rehabilitation)	Democratic Republic of the Congo	
Burkina Faso / Africa (South of Sahara) / Multisectoral development programme in cooperation with FAO and the Municipality of Dori (2011- 2014)	112,425.00	124,708.82	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
India / Asia (South & Central Asia) / Building of a residential center for social education and empowerment of suburban farmers	112,412.00	124,694.40	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
Guinea-Bissau / Africa (South of Sahara) / Mangrove: improvement of rice growing from mangrove and protection of the mangrove trees in the region of Cacheu, Oio, Tombali and	110,864.61	122,977.94	Committed	ODA	Grant	Mitigation	Agriculture	Guinea-Bissau	
Ecuador / America (South America) / Laced cocoa : Strengthening supply chains of cocoa and coffee, aiming at food sovereignty in Ecuador	110,509.65	122,584.19	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	
Eritrea / Africa (South of Sahara) / Food safety: production of jam for undernourished and underweight children in Eritrea	108,182.80	120,003.11	Committed	ODA	Grant	Cross-cutting	Agriculture	Eritrea	

Afghanistan / Asia (South & Central Asia) / SUPPORT AGRICULTURE AND RURAL DEVELOPMENT	108,000.00	119,800.33	Committed	ODA	Grant	Adaptation	Agriculture	Afghanistan	
Sri Lanka / Asia (South & Central Asia) / Training institute for agriculture and livestock	107,425.00	119,162.51	Committed	ODA	Grant	Cross-cutting	Agriculture	Sri Lanka	
Senegal / Africa (South of Sahara) / SENEGAL-SUPPORT TO THE NATIONAL PROGRAMME FOR INVESTMENTS IN AGRICULTURE - PNIA (PAPSEN)	106,320.00	117,936.77	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	
Ethiopia / Africa (South of Sahara) / Promote rural development and food security in the regions and SNNPRS Oromya, Ethiopia (PSRSA)	104,685.20	116,123.35	Committed	ODA	Grant	Mitigation	Agriculture	Ethiopia	
Bangladesh / Asia (South & Central Asia) / Aid for victims of floods caused by Cyclone Komen in the Diocese of Chittagong	260,207.00	288,637.83	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Bangladesh	
Lebanon / Asia (Middle East Asia) / Thecnical Assistance under the Lebanon Environmental Pollution Abatement Project. ART. 15	101,608.71	112,710.72	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Lebanon	
Malawi / Africa (South of Sahara) / Livestock training school	101,427.00	112,509.15	Committed	ODA	Grant	Cross-cutting	Agriculture	Malawi	
Mozambique / Africa (South of Sahara) / PROSIGRU-Strengthening of Integrated Management System of Urban Waste Project	100,699.20	111,701.83	Committed	ODA	Grant	Mitigation	Water and Sanitation	Mozambique	
Argentina / America (South America) / Argentinian-Italian Antarctic Seismographic Network (ASAIN)	100,000.00	110,926.23	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Argentina	
Kenya / Africa (South of Sahara) / Strengthening the resilience and food security in the agro-shepard communities in Muito District, Kitui County. Kenya.	99,752.00	110,651.14	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Brazil / America (South America) / AMAZONAL PROJECT, ALTO SOLIMOES - 'Sustainable economic development of the forest'	99,035.28	109,856.11	Committed	ODA	Grant	Cross-cutting	Forestry	Brazil	
Congo, Dem. Rep. / Africa (South of Sahara) / Drilling of 9 water wells for villages Yaligimba, Pembe and Lolo	97,840.00	108,530.23	Committed	ODA	Grant	Adaptation	Water and Sanitation	Democratic Republic of the Congo	

Benin / Africa (South of Sahara) / A school of agriculture and livestock: a model for life	96,671.00	107,233.50	Committed	ODA	Grant	Cross-cutting	Agriculture	Benin	
Armenia / Asia (South & Central Asia) / New cultivation techniques	96,333.00	106,858.57	Committed	ODA	Grant	Cross-cutting	Agriculture	Armenia	
Chad / Africa (South of Sahara) / Women for sustainable agriculture	95,171.60	105,570.27	Committed	ODA	Grant	Adaptation	Agriculture	Chad	
Ethiopia / Africa (South of Sahara) / Amhara Trachoma Control Program	94,996.00	105,375.49	Committed	ODA	Grant	Mitigation	Other (Health General)	Ethiopia	
Peru / America (South America) / Capacity building for improving the production and marketing chain Lemon Thin in the rural sector of Las Pampas	94,323.00	104,628.95	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	
Tonga	94,271.21	104,571.50	Committed	ODA	Grant	Cross-cutting	Other (Flood prevention/control)	Tonga	Project "Pacific small Islands Developing States Fellowship on the Oceans and Seas
El Salvador / America (North & Central America) / Sapevo El Salvador Mitigation of Vulcanological Hazards	94,000.00	104,270.66	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	El Salvador	
West Bank & Gaza Strip / Asia (Middle East Asia) / Financial vehicles to boost employment and income generation in Palestine - Local Fund	92,000.00	102,052.14	Committed	ODA	Grant	Cross-cutting	Other (Banking and financial services)	Other (West Bank and Gaza)	
Lebanon / Asia (Middle East Asia) / IMPLEMENTATION AN TWO-YEAR MANAGEMENT OF TWO SANITATION SYSTEM FO RTHE MUNICIPALITIES OF HRAJEL AND MISH MISH. Expert fund	36,411.63	40,390.05	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Lebanon	
Congo, Dem. Rep. / Africa (South of Sahara) / Food For Peace - Improved food security in Kakwa Chefferie Des, Des Zaki and Des Kaliko	90,000.00	99,833.61	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	
Philippines / Asia (Far East Asia) / Reconstruction of the boys home 'Boystown' in Ormoc and of a mechanic workshop on the island of Leyte	90,000.00	99,833.61	Committed	ODA	Grant	Cross-cutting	Agriculture	Philippines	
Sudan / Africa (South of Sahara) / VOLUNTARY CONTRIBUTION TO MULTILATERAL HUMANITARIAN INTERVENTION FICROSS WATER AND SANITATION SECTOR IN SUDAN	225,000.00	249,584.03	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Sudan	Water supply interventions in 6 health facilities in 4 locations in Sudan. Drilling new wells, water storage, water supply systems, chlorination,

									and training for volunteers and staff
Sao Tome & Principe / Africa (South of Sahara) / Jackfruit Development	88,884.00	98,595.67	Committed	ODA	Grant	Adaptation	Agriculture	Sao Tome and Principe	
Senegal / Africa (South of Sahara) / support of small scale rural activities in the valley of the river Senegal	88,759.99	98,458.12	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	
Afghanistan / Asia (South & Central Asia) / SUPPORT AGRICULTURE AND RURAL DEVELOPMENT - EXPERT FUND	88,215.99	97,854.68	Committed	ODA	Grant	Adaptation	Agriculture	Afghanistan	
Ethiopia / Africa (South of Sahara) / Educational service improvement and installation of the water system in School	88,159.00	97,791.46	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Ethiopia	
Developing countries, unspecified / / Contribution to IEA activities and targeted programmes	87,276.84	96,812.91	Committed	ODA	Grant	Mitigation	Energy	Other (Developing countries)	
India / Asia (South & Central Asia) / Healthcare proposal: security program for mother and child	86,190.00	95,607.32	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
Congo, Dem. Rep. / Africa (South of Sahara) / Farm Equipment "Espoir Jeune"	86,172.00	95,587.35	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	
Tunisia / Africa (North of Sahara) / Ter-Re: from territories to income, paths of empowerment for women and young people in Tataouine	85,200.00	94,509.15	Committed	ODA	Grant	Adaptation	Agriculture	Tunisia	
Mozambique / Africa (South of Sahara) / Project for rehabilitation of the environment: drainage system of waste waters in the city of maputo-expert fund	34,034.97	37,753.71	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Mozambique	
Tunisia / Africa (North of Sahara) / Strengthening the chain of freshwater fishing in Tunisia	211,784.00	234,924.02	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Tunisia	
Colombia / America (South America) / Agricultural training project to support farming communities	84,556.00	93,794.79	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	
India / Asia (South & Central Asia) / Rehabilitation project for the victims of floods in	84,316.80	93,529.45	Committed	ODA	Grant	Adaptation	Other (Reconstruction relief and rehabilitation)	India	

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Iraq / Asia (Middle East Asia) / Four new wells in the city of Ankawa for refugees from Mosul and Nineveh	84,160.00	93,355.52	Committed	ODA	Grant	Adaptation	Water and Sanitation	Iraq	
Myanmar / Asia (South & Central Asia) / Project for professional training in territorial tourism development in Myanmar	81,288.00	90,169.72	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Myanmar	
Bosnia-Herzegovina / Europe / Humanitarian Demining activities in Bosnia - Local fund	80,000.00	88,740.99	Committed	ODA	Grant	Cross-cutting	Other (Conflict prevention and resolution peace and security)	Bosnia and Herzegovina	
India / Asia (South & Central Asia) / Furniture to St. Xavier's College.	79,806.80	88,526.68	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	India	
Africa, regional / Africa / BUILD ALLIANCES BETWEEN ITALIAN AND AFRICAN FARMERS IN DEFENCE OF SMALL FAMILY FARMS	77,482.35	85,948.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Africa	
Kenya / Africa (South of Sahara) / local economy and protection of the environment	76,750.40	85,136.33	Committed	ODA	Grant	Mitigation	Other (Biosphere protection)	Kenya	
Bolivia / America (South America) / Amaranth: science seeds	76,722.24	85,105.09	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	
South Sudan / Africa (South of Sahara) / Support to health infrastructures: Rumbek Public Hospita and Yrol County Hospital-lakes States	76,508.08	84,867.54	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Other (South Sudan)	
Senegal / Africa (South of Sahara) / Strengthening of he hospital and community health services for mother and child in Senegal(second year).	74,000.00	82,085.41	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Senegal	
Brazil / America (South America) / Building a chicken coop in Esperança Mae Edmiravel Fazenda in Braga	73,204.00	81,202.44	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	
Uganda / Africa (South of Sahara) / Transition to agro-food production	73,040.00	81,020.52	Committed	ODA	Grant	Adaptation	Agriculture	Uganda	
Cameroon / Africa (South of Sahara) / 30 wells for 30 villages	72,000.00	79,866.89	Committed	ODA	Grant	Adaptation	Water and Sanitation	Cameroon	
Burkina Faso / Africa (South of Sahara) / Production and local promotion development to fight child malnutrition in burkina faso	71,241.70	79,025.73	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
South Sudan / Africa (South of Sahara) /	70,470.00	78,169.72	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Other (South	

Emergency Water project in health sector								Sudan)	
Colombia / America (South America) / Agricultural digital school: rural socio-economic development through technological training	70,308.00	77,990.02	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	
Thailand / Asia (Far East Asia) / Build organizational capacity in post-disaster interventions in developing countries	69,844.00	77,475.32	Committed	ODA	Grant	Adaptation	Other (Reconstruction relief and rehabilitation)	Thailand	
Brazil / America (South America) / Agro-pastoral activities in the Fazenda da Esperança Alhandra - Paraiba	69,202.00	76,763.17	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	
Ethiopia / Africa (South of Sahara) / Technical Assistance Project for Up-Grading the Ethiopian leather and Leather Products Industry -New Phase. Local Fund	68,000.00	75,429.84	Committed	ODA	Grant	Mitigation	Industry	Ethiopia	
Niger / Africa (South of Sahara) / Reseau d'Appui. Food security and cooperative development	67,793.42	75,200.69	Committed	ODA	Grant	Adaptation	Agriculture	Niger	
Philippines / Asia (Far East Asia) / ITALIAN TECHNICAL ASSISTANCE TO THE AGRARIAN REFORM PROGRAM - IARCDSP - EXPERT FUND	67,370.64	74,731.72	Committed	ODA	Grant	Mitigation	Agriculture	Philippines	
Ethiopia / Africa (South of Sahara) / Reducing of malnutrition and improving food security in the Guaraghe	63,723.00	70,685.52	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Ethiopia	
Ethiopia / Africa (South of Sahara) / Supporting growth and transformation in Ethiopia through Investment Climate Improvements - Expert Fund	63,171.59	70,073.87	Committed	ODA	Grant	Cross-cutting	Industry	Ethiopia	
India / Asia (South & Central Asia) / Water for agriculture in the coastal area of Sundarbans	62,638.80	69,482.86	Committed	ODA	Grant	Adaptation	Agriculture	India	
Benin / Africa (South of Sahara) / Seaweed spirulina therapeutic use in maternal and child malnutrition	62,418.80	69,238.82	Committed	ODA	Grant	Adaptation	Agriculture	Benin	
Peru / America (South America) / DEBT FOR DEVELOPMENT SWAP AGREEMENT - TECHNICAL ASSISTANCE FUND - LOCAL FUND	62,400.00	69,217.97	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Peru	



Ghana / Africa (South of Sahara) / Strengthening innovation and technology dissemination for sustainable development in cereals, cocoa and coffee value chains (SATTIFS)	62,138.00	68,927.34	Committed	ODA	Grant	Cross-cutting	Agriculture	Ghana	
Togo / Africa (South of Sahara) / Promotion of agriculture and livestock of Community Animators	60,870.80	67,521.69	Committed	ODA	Grant	Adaptation	Agriculture	Togo	
Bolivia / America (South America) / TRIANGLES IN THE WATER	60,000.00	66,555.74	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Bolivia	
Kenya / Africa (South of Sahara) / Kenya - Inclusive development partnerships. Local fund	60,000.00	66,555.74	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Kenya	
Kosovo / Europe / Employment of People with disabilities	60,000.00	66,555.74	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (Kosovo)	
Argentina / America (South America) / PACTO TERRITORIAL 2	59,998.00	66,553.52	Committed	ODA	Grant	Mitigation	Agriculture	Argentina	
India / Asia (South & Central Asia) / Increase in income in favor of poor women through training activities in agriculture	59,348.00	65,832.50	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
Uganda / Africa (South of Sahara) / Cross-border rural development programme under the European Region Tyrol, Bozen/Bolzano and Trento	57,866.00	64,188.57	Committed	ODA	Grant	Cross-cutting	Agriculture	Uganda	
Vietnam / Asia (Far East Asia) / PRO. SOS. - Sustainable production of healing herbs, Son Dong District, Vietnam	57,463.60	63,742.21	Committed	ODA	Grant	Mitigation	Agriculture	Vietnam	
India / Asia (South & Central Asia) / Health education for women and the rural population in the Western Ghats Mountains	56,176.40	62,314.36	Committed	ODA	Grant	Adaptation	Other (Health Basic)	India	
Albania / Europe / Enhancing competencies in the Marine and Maritime sectors: sustainable blue growth in Mediterranean countries	55,000.00	61,009.43	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/training)	Albania	
Kenya / Africa (South of Sahara) / enhancement basic drinking water supply and basic sanitation for the population of Karungu district	137,207.00	152,198.56	Committed	ODA	Grant	Adaptation	Water and Sanitation	Kenya	
Tanzania / Africa (South of Sahara) / Photovoltaic plant in Mission Zenneti - Tanga	54,000.00	59,900.17	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Tanzania	

Madagascar / Africa (South of Sahara) / EGALE (Gathering Universities for Quality in Education)	53,844.65	59,727.84	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Madagascar	
Kenya / Africa (South of Sahara) / Support to the kenya italy debt conversion agreement - local fund	53,593.60	59,449.36	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Kenya	
Benin / Africa (South of Sahara) / Reforestation and sustainable development	53,512.80	59,359.73	Committed	ODA	Grant	Mitigation	Forestry	Benin	
Somalia / Africa (South of Sahara) / Sustainable waste management	52,500.00	58,236.27	Committed	ODA	Grant	Mitigation	Water and Sanitation	Somalia	
Ethiopia / Africa (South of Sahara) / Poverty reduction and food insecurity in somali region (ethiopia)	51,260.20	56,861.01	Committed	ODA	Grant	Adaptation	Agriculture	Ethiopia	
Afghanistan / Asia (South & Central Asia) / Reinforcing women employment through professional and vocational training and the private sector strengthening - local fund	51,000.00	56,572.38	Committed	ODA	Grant	Mitigation	Other (Education Secondary)	Afghanistan	
Mozambique / Africa (South of Sahara) / Supports to quality of nutrition	50,469.20	55,983.58	Committed	ODA	Grant	Adaptation	Agriculture	Mozambique	
Congo, Dem. Rep. / Africa (South of Sahara) / Food promotion center	50,077.60	55,549.20	Committed	ODA	Grant	Adaptation	Agriculture	Democratic Republic of the Congo	
Mauritania / Africa (South of Sahara) / Increase of Agricultural Production in the Mauritanian Central- Eastern regions - Expert fund	50,000.74	55,463.94	Committed	ODA	Grant	Mitigation	Agriculture	Mauritania	
Developing countries, unspecified / / Several projects providing meidcal, agricultural and humanitarian assistance	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Other (Developing countries)	
Ghana / Africa (South of Sahara) / Ghana private sector development facility - expert fund	49,965.68	55,425.04	Committed	ODA	Grant	Cross-cutting	Other (Business and other services)	Ghana	
North & Central America, regional / America (North & Central America) / EXPO 2015 for the nutritional and food security of the local communities: an action plan realization shared between Lombardia and Central America"	48,000.00	53,244.59	Committed	ODA	Grant	Mitigation	Agriculture	Other (North and Central America)	
Cape Verde / Africa (South of Sahara) / Food security in Cabo Verde	46,936.00	52,064.34	Committed	ODA	Grant	Adaptation	Agriculture	Cape Verde	

Pakistan / Asia (South & Central Asia) / Experts fund. Contribution for the set up the technical support unit for the debt conversion	46,309.14	51,368.99	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Pakistan	
Rwanda / Africa (South of Sahara) / Supporting Abatore	46,200.00	51,247.92	Committed	ODA	Grant	Cross-cutting	Agriculture	Rwanda	
Mozambique / Africa (South of Sahara) / FORTUR - vocational training and educational programs to increase the rate of employment in the hotel and tourism sector in Cabo D	45,842.00	50,850.80	Committed	ODA	Grant	Mitigation	Other (Tourism)	Mozambique	
Mozambique / Africa (South of Sahara) / Fighting soil loss and promoting reforestation	45,000.00	49,916.81	Committed	ODA	Grant	Cross-cutting	Forestry	Mozambique	
Brazil / America (South America) / Social inclusion and environmental sustainability	45,000.00	49,916.81	Committed	ODA	Grant	Mitigation	Other (Environmental education/training)	Brazil	
Ethiopia / Africa (South of Sahara) / Emergency initiative to reduce the risk in the fields of water, hygiene and environmental health - expert fund	44,471.45	49,330.50	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Ethiopia	
Niger / Africa (South of Sahara) / ANADIA Niger - Climate Change Adaptation, Disaster Prevention and Agricultural Development for Food Safety	44,356.00	49,202.44	Committed	ODA	Grant	Adaptation	Other (Flood prevention/control)	Niger	
Cameroon / Africa (South of Sahara) / Autonomy and security in Ekona palm oil mill	42,100.00	46,699.94	Committed	ODA	Grant	Adaptation	Agriculture	Cameroon	
Morocco / Africa (North of Sahara) / Imouzer Kandahar cooperative	41,500.00	46,034.39	Committed	ODA	Grant	Cross-cutting	Agriculture	Morocco	
Mozambique / Africa (South of Sahara) / Promotion of small-scale fishing river in the districts of Mopeia and Morrumbala-Mozambique	41,103.60	45,594.68	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Mozambique	
Burkina Faso / Africa (South of Sahara) / Improvement of food security and women empowerment in the Province of Boulgou	40,800.00	45,257.90	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Resilient, diversified livelihoods for 72 communities living in and around Wof-Washa natural forest	40,000.00	44,370.49	Committed	ODA	Grant	Mitigation	Forestry	Ethiopia	
Guinea-Bissau / Africa (South of Sahara) / Construction of a school of agricultural training in Bula, Cacheu region	40,000.00	44,370.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Guinea-Bissau	

South of Sahara, regional / Africa (South of Sahara) / The initiative foresees the setting up of the AFFRICO2 Summer School	39,923.25	44,285.36	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Other (South Sahara)	
Ghana / Africa (South of Sahara) / Wind of hope - Literacy and food security for disadvantaged communities in Northern Ghana	39,800.00	44,148.64	Committed	ODA	Grant	Adaptation	Other (Education Basic)	Ghana	
Developing countries, unspecified / / International Master in Cooperation and Development	39,316.00	43,611.76	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	
Burkina Faso / Africa (South of Sahara) / Access to water and food security in seven villages of burkina faso	97,196.00	107,815.86	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Somalia / Africa (South of Sahara) / Construction of a water well for "Xooga" Hospital	38,747.24	42,980.85	Committed	ODA	Grant	Adaptation	Other (Health General)	Somalia	
Kenya / Africa (South of Sahara) / Rural development programme targeting the community of the minority Ogiek in Kenia	37,307.00	41,383.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	
Argentina / America (South America) / Supported metal nanoparticles for catalysis, hydrogen storage and other technological applications: numerical modelization for an optimal design	36,433.00	40,413.75	Committed	ODA	Grant	Mitigation	Other (Environmental Research)	Argentina	
Burundi / Africa (South of Sahara) / Food Production	36,000.00	39,933.44	Committed	ODA	Grant	Cross-cutting	Agriculture	Burundi	
Egypt / Africa (North of Sahara) / Permanentculture	36,000.00	39,933.44	Committed	ODA	Grant	Adaptation	Agriculture	Egypt	
Algeria / Africa (North of Sahara) / Flood emergency response	90,000.00	99,833.61	Committed	ODA	Grant	Adaptation	Other (Reconstruction relief and rehabilitation)	Algeria	Rehabilitation of education facilities in response to the flood emergency in the Saharawi camps
Rwanda / Africa (South of Sahara) / Support to the Pediatric Orthopaedic Surgery and Rehabilitation Center St Marie de Rilima	36,000.00	39,933.44	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Rwanda	
Guatemala / America (North & Central America) / Building a hostel shelter in La Esperanza Santa Clara farm in Salama - Guatemala	35,821.60	39,735.55	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Guatemala	

India / Asia (South & Central Asia) / A second opportunity for the Earth	35,800.00	39,711.59	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
Afghanistan / Asia (South & Central Asia) / ITALIAN CONTRIBUTION TO THE NATIONAL SOLIDARITY PROGRAMME - EXPERT FUND	35,796.28	39,707.47	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Afghanistan	
Ethiopia / Africa (South of Sahara) / Water for students	35,400.00	39,267.89	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Ethiopia	
Moldova / Europe / Sewage and water treatment plant for the village of Sinesti	35,400.00	39,267.89	Committed	ODA	Grant	Adaptation	Other (Health General)	Republic of Moldova	
Haiti / America (North & Central America) / Restructuring and support to beekeeping activities in Haiti	35,397.20	39,264.78	Committed	ODA	Grant	Adaptation	Agriculture	Haiti	
Madagascar / Africa (South of Sahara) / Purchasing a van	34,590.48	38,369.92	Committed	ODA	Grant	Cross-cutting	Agriculture	Madagascar	
Eritrea / Africa (South of Sahara) / Creation of an aqueduct for the city of Keren - 2nd functional phase	34,400.00	38,158.62	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Eritrea	
South of Sahara, regional / Africa (South of Sahara) / Mainstreaming the biofarming system in Ethiopian and Ugandan Higher Education Institutions (MAINBIOSYS)	34,221.20	37,960.29	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Other (South Sahara)	
Montenegro / Europe / FARM WITH SCIENCE	34,000.00	37,714.92	Committed	ODA	Grant	Adaptation	Agriculture	Montenegro	
Senegal / Africa (South of Sahara) / Community labs: health, food sovereignty and female entrepreneurship in rural Senegal	34,000.00	37,714.92	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Senegal	
Madagascar / Africa (South of Sahara) / Solar panels at the Institute	32,931.00	36,529.12	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Madagascar	
Lebanon / Asia (Middle East Asia) / Supply of materials to church of San Giorgio in Tibnin	32,840.56	36,428.80	Committed	ODA	Grant	Cross-cutting	Other (Site preservation)	Lebanon	
Ethiopia / Africa (South of Sahara) / Italian Contribution to the agricultural growth Program (AGP). Local fund	32,600.00	36,161.95	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	
India / Asia (South & Central Asia) / Sustainable agriculture for human development and nature	32,252.40	35,776.37	Committed	ODA	Grant	Mitigation	Agriculture	India	
India / Asia (South & Central Asia) / Development of a modern agriculture in the Tibetan settlement Bylakuppe in India	32,000.00	35,496.39	Committed	ODA	Grant	Cross-cutting	Agriculture	India	

Guatemala / America (North & Central America) / Drinking water pipe	30,832.40	34,201.22	Committed	ODA	Grant	Adaptation	Water and Sanitation	Guatemala	
Peru / America (South America) / Sustainable Instalation of Bamboo in the Upper y Lower Imaza, Bongarà Province, Amazon Region.	30,515.00	33,849.14	Committed	ODA	Grant	Cross-cutting	Forestry	Peru	
Cameroon / Africa (South of Sahara) / Using biogas energy to reduce pollution	30,000.00	33,277.87	Committed	ODA	Grant	Mitigation	Energy	Cameroon	
Senegal / Africa (South of Sahara) / Promotion of Development of Rural Communities Nétéboulou (Senegal) with demonstrative activities of agro-forestry production	30,000.00	33,277.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Rwanda / Africa (South of Sahara) / Socio-economic reintegration	30,000.00	33,277.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Rwanda	
Tunisia / Africa (North of Sahara) / ARD Land	30,000.00	33,277.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Tunisia	
South of Sahara, regional / Africa (South of Sahara) / Improving living conditions and food security of vulnerable populations in the Lake Chad Basin	30,000.00	33,277.87	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Other (South Sahara)	
Egypt / North Africa / Regional Workshop on INDCs for African Countries	30,000.00	33,277.87	Committed	ODA	Grant	Mitigation		Egypt	
China / Asia (Far East Asia) / Pilot project for food security and resilience of Tibetan nomads	29,827.00	33,085.97	Committed	ODA	Grant	Cross-cutting	Agriculture	China	
Haiti / America (North & Central America) / Construction of a pilot farm in animal and plant production techniques in the Diocese of Jacmel	29,566.40	32,796.89	Committed	ODA	Grant	Adaptation	Agriculture	Haiti	
Ethiopia / Africa (South of Sahara) / Ethiopia-Wash in small and medium towns. Expert fund	28,992.88	32,160.71	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Ethiopia	
Tanzania / Africa (South of Sahara) / Construction of an underground water tank	28,400.00	31,503.05	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tanzania	
Peru / America (South America) / Debt for development swap Agreement: technical assistance fund. Expert fund	28,187.98	31,267.86	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Peru	
Senegal / Africa (South of Sahara) / Construction of a water tank to Training Centre	28,110.00	31,181.36	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Senegal	
South Sudan / Africa (South of Sahara) / Water right for all	28,000.00	31,059.35	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Other (South Sudan)	

Kenya / Africa (South of Sahara) / Maternal and Neonatal Child Health Promotion ( third year )	28,000.00	31,059.35	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Kenya	
Burkina Faso / Africa (South of Sahara) / Improving access to clean water and environmental hygiene in the City of Sideradougou, Cascades Region	27,920.00	30,970.60	Committed	ODA	Grant	Mitigation	Water and Sanitation	Burkina Faso	
West Bank & Gaza Strip / Asia (Middle East Asia) / Sustainability Food for Families Bedouin	27,655.00	30,676.65	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (West Bank and Gaza)	
Paraguay / America (South America) / A bridge of solidarity for the families of the victims of floods in Paraguay	67,912.00	75,332.22	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Paraguay	
Myanmar / Asia (South & Central Asia) / DEBT SWAP PROGRAMME FOR DEVELOPMENT INITIATIVE- EXPERTS FUND	27,146.11	30,112.16	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Myanmar	
Myanmar / Asia (South & Central Asia) / Environmental Protection and Sustainable Development: building local Capacities on solid waste management in Myanmar	26,928.23	29,870.47	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Myanmar	
Congo, Dem. Rep. / Africa (South of Sahara) / Agricultural project phase 2	26,830.00	29,761.51	Committed	ODA	Grant	Adaptation	Agriculture	Democratic Republic of the Congo	
Mozambique / Africa (South of Sahara) / Wansati Pfuka	26,666.67	29,580.33	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
Ghana / Africa (South of Sahara) / Building a supermarket	26,666.67	29,580.33	Committed	ODA	Grant	Cross-cutting	Agriculture	Ghana	
Togo / Africa (South of Sahara) / Agro Livestock Farm	26,666.67	29,580.33	Committed	ODA	Grant	Cross-cutting	Agriculture	Togo	
Tanzania / Africa (South of Sahara) / Purchase of a tractor	26,425.00	29,312.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	
Togo / Africa (South of Sahara) / Supporting 15 young farmers	26,347.00	29,225.73	Committed	ODA	Grant	Cross-cutting	Agriculture	Togo	
India / Asia (South & Central Asia) / Sustainable agriculture and protection activities for eco-farms in the diocese of Palayamkottai	25,714.80	28,524.46	Committed	ODA	Grant	Mitigation	Agriculture	India	
Ecuador / America (South America) / Improve the living conditions of smallholder farmers in	25,159.00	27,907.93	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	

the Province Loja									
Mauritania / Africa (South of Sahara) / Goats and cabbages	25,000.00	27,731.56	Committed	ODA	Grant	Cross-cutting	Agriculture	Mauritania	
Nicaragua / America (North & Central America) / Strengthening the cooperative Emmanuel de Las Pencas	25,000.00	27,731.56	Committed	ODA	Grant	Cross-cutting	Agriculture	Nicaragua	
Nepal / Asia (South & Central Asia) / Potatoes let's grow independence for a new social role of women	25,000.00	27,731.56	Committed	ODA	Grant	Cross-cutting	Agriculture	Nepal	
Burkina Faso / Africa (South of Sahara) / Agricultural project with training of rural women and girls to farming for the development of the community Laba, Province of Sanguie, Burkina Faso	25,000.00	27,731.56	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Strengthening civil society networks	25,000.00	27,731.56	Committed	ODA	Grant	Adaptation	Other (Government and civil society general)	Ethiopia	Strengthening civil society networks, food security and gender empowerment through the exchange of best practices and the development of income generating activities
Korea, Dem. Rep. / Asia (Far East Asia) / CAPACITY BUILDING FOR RICE PRODUCTION IN KANGWON PROVINCE - Local Fund	24,750.00	27,454.24	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic People's Republic of Korea	
Cambodia / Asia (Far East Asia) / Poverty reduction through improved access to market in the district Svay Leu	24,680.00	27,376.59	Committed	ODA	Grant	Cross-cutting	Agriculture	Cambodia	
Bolivia / America (South America) / Small hydroelectric plants for the adaptation to climate change	24,045.34	26,672.59	Committed	ODA	Grant	Cross-cutting	Energy	Bolivia	
Burkina Faso / Africa (South of Sahara) / ACP-EU Energy Facility	24,000.00	26,622.30	Committed	ODA	Grant	Cross-cutting	Energy	Burkina Faso	
Congo, Dem. Rep. / Africa (South of Sahara) / Formation of 30 manual diggers of wells and installation of 10 pumps to improve the supply of drinking water to the hospital Kibangu - Kikwit - Aten	24,000.00	26,622.30	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Democratic Republic of the Congo	



Niger / Africa (South of Sahara) / Support network	24,000.00	26,622.30	Committed	ODA	Grant	Cross-cutting	Agriculture	Niger	
Senegal / Africa (South of Sahara) / ECO-SYSTEM SERVICE IMPLEMENTATION AND GREEN ECONOMY FOR MATAM REGION DEVELOPMENT. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNT	23,890.82	26,501.19	Committed	ODA	Grant	Mitigation	Energy	Senegal	
West Bank & Gaza Strip / Asia (Middle East Asia) / Improving social health conditions in the Governorate of Tulkarem. Social security charges and insurance for volunteers	23,668.18	26,254.22	Committed	ODA	Grant	Mitigation	Water and Sanitation	Other (West Bank and Gaza)	
Ethiopia / Africa (South of Sahara) / Health and hygiene in Yewezhe and Amucure Guraghe	58,135.00	64,486.97	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	
Tunisia / Africa (North of Sahara) / Fighting poverty through the enhancement of the sheep breeding sector in the Governorate of Tataouine. Local fund	23,160.00	25,690.52	Committed	ODA	Grant	Cross-cutting	Agriculture	Tunisia	
Zambia / Africa (South of Sahara) / Community garden	23,000.00	25,513.03	Committed	ODA	Grant	Cross-cutting	Agriculture	Zambia	
Mozambique / Africa (South of Sahara) / Conservation of Natural Resources in the Gile National Reserve etc.	22,896.73	25,398.48	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Mozambique	
Uganda / Africa (South of Sahara) / Strengthening innovation and technology dissemination for sustainable development in cereals, cocoa and coffee value chains (SATTIFS)	22,002.00	24,405.99	Committed	ODA	Grant	Mitigation	Agriculture	Uganda	
Indonesia / Asia (Far East Asia) / Improving Lazy Lands: Lands Reforestation Project	22,000.00	24,403.77	Committed	ODA	Grant	Mitigation	Forestry	Indonesia	
Nepal / Asia (South & Central Asia) / Supply of food products in favor of stonebreaker families of Dhading District	22,000.00	24,403.77	Committed	ODA	Grant	Cross-cutting	Agriculture	Nepal	
Indonesia / Asia (Far East Asia) / Porker Seeding Center	22,000.00	24,403.77	Committed	ODA	Grant	Cross-cutting	Agriculture	Indonesia	
Developing countries, unspecified / / High Efficiency Combustion Technologies in Tanzania and Vietnam	21,770.00	24,148.64	Committed	ODA	Grant	Mitigation	Forestry	Other (Developing countries)	

Nepal / Asia (South & Central Asia) / Drinking water in the mountain villages in the village Deusa in Eastern Nepal	21,694.00	24,064.34	Committed	ODA	Grant	Adaptation	Other (Health General)	Nepal	
Angola / Africa (South of Sahara) / Agrarian promotion	20,667.20	22,925.35	Committed	ODA	Grant	Adaptation	Agriculture	Angola	
Bolivia / America (South America) / Biological Quinoa to feed the plateau	20,000.00	22,185.25	Committed	ODA	Grant	Adaptation	Agriculture	Bolivia	
Burundi / Africa (South of Sahara) / Micro credit and strengthening of the rural cooperative system in Burundi	20,000.00	22,185.25	Committed	ODA	Grant	Adaptation	Agriculture	Burundi	
Mali / Africa (South of Sahara) / About water and life	20,000.00	22,185.25	Committed	ODA	Grant	Adaptation	Water and Sanitation	Mali	
Turkmenistan / Asia (South & Central Asia) / Wat-san and hygiene community based	20,000.00	22,185.25	Committed	ODA	Grant	Adaptation	Water and Sanitation	Turkmenistan	
Developing countries, unspecified / / IPROMO - International Programme on research and training on sustainable management of mountain areas	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	
Bosnia-Herzegovina / Europe / BEST	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Bosnia and Herzegovina	
Peru / America (South America) / SUPPLY CHAINS OF AGRICULTURE AND AQUACULTURE FOR BUEN VIVIR	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Agriculture	Peru	
Congo, Dem. Rep. / Africa (South of Sahara) / A professional school for Munkamba	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Democratic Republic of the Congo	
Peru / America (South America) / Installation of 15 wind blades in the district Pomabamba, Peru	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Energy	Peru	
Algeria / Africa (North of Sahara) / Sun power for Saharawi people	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Energy	Algeria	
Ghana / Africa (South of Sahara) / Protecting Mole National Park environment and communities	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Forestry	Ghana	
Brazil / America (South America) / 99 NON è 100, UNO IN PIU' FA LA DIFFERENZA	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Other (Health General)	Brazil	
Congo, Rep. / Africa (South of Sahara) / Green waste	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Water and Sanitation	Congo	

Bolivia / America (South America) / Water project 'El agua es vida', Cochabamba, Bolivia	50,000.00	55,463.12	Committed	ODA	Grant	Mitigation	Water and Sanitation	Bolivia	
Tanzania / Africa (South of Sahara) / Maji Safi - Clean Water	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Water and Sanitation	Tanzania	
Lebanon / Asia (Middle East Asia) / Job placement through environmental protection in Zahle,	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Water and Sanitation	Lebanon	
Sierra Leone / Africa (South of Sahara) / AgriCulture – Agriculture and skill development to feed Kwama community	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Sierra	
Mozambique / Africa (South of Sahara) / Food security and energy independence: strengthening the chain of family farming	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
Cambodia / Asia (Far East Asia) / GAIA	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Cambodia	
Paraguay / America (South America) / TEKOH	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Paraguay	
Chad / Africa (South of Sahara) / Construction of an elementary school with agricultural direction	20,000.00	22,185.25	Committed	ODA	Grant	Mitigation	Agriculture	Chad	
West Bank & Gaza Strip / Asia (Middle East Asia) / STRENGTHENING THE NATIONAL EARLY RECOVERY AND RECONSTRUCTION PLAN IN THE Gaza STRIP	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Other (Reconstruction relief and rehabilitation)	Other (West Bank and Gaza)	
Cuba / America (North & Central America) / Program to support cultural Heritage of El Cobre	8,000.00	8,874.10	Committed	ODA	Grant	Cross-cutting	Other (Site preservation)	Cuba	
Nicaragua / America (North & Central America) / Emergency IRC (Chronic Renal Failure) in the Department of Leon. Epidemiological research and health promotion	20,000.00	22,185.25	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Nicaragua	
Middle East, regional / Asia (Middle East Asia) / Empowerment of the Battir Museum to promote Cultural and naturalistic tourism.	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Other (Tourism)	Middle East and North Africa	
Nepal / Asia (South & Central Asia) / Fruits from the garden	19,874.40	22,045.92	Committed	ODA	Grant	Cross-cutting	Agriculture	Nepal	
Eritrea / Africa (South of Sahara) / Geographical spread of the Moringa Oleifera	19,824.00	21,990.02	Committed	ODA	Grant	Adaptation	Agriculture	Eritrea	
Togo / Africa (South of Sahara) / PIAN DE VIE	19,744.00	21,901.28	Committed	ODA	Grant	Adaptation	Agriculture	Togo	

Tunisia / Africa (North of Sahara) / PROJECT TO HELP BALANCE OF PAYMENTS - EXPERTS FUND	19,724.13	21,879.24	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Tunisia	
Congo, Dem. Rep. / Africa (South of Sahara) / PIG FARM	19,489.20	21,618.64	Committed	ODA	Grant	Mitigation	Agriculture	Democratic Republic of the Congo	
Albania / Europe / Buke, Kripe and Zemer - Food, Tradition and Culture: processes of co-development in areas marginal northern and southern Albania	19,352.19	21,466.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Albania	
Kenya / Africa (South of Sahara) / Kenya - water and sanitation to utilize the Kirandich and Kiambere dam water reservoirs - expert fund	18,917.91	20,984.93	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Kenya	
Guinea-Bissau / Africa (South of Sahara) / Construction of a drinking water well in the village of Calequisse, Region Cacheu	18,800.00	20,854.13	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Guinea-Bissau	
Myanmar / Asia (South & Central Asia) / Reducing risk from flooding in the Chin region (Myanmar)	18,694.80	20,737.44	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Myanmar	
Moldova / Europe / Making market work for small and medium scale farmers	18,110.80	20,089.63	Committed	ODA	Grant	Cross-cutting	Agriculture	Republic of Moldova	
Brazil / America (South America) / Meeting on climate justice	18,000.00	19,966.72	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/training)	Brazil	
Ethiopia / Africa (South of Sahara) / Training for Ethiopia - Creation of a training center for farmers	18,000.00	19,966.72	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	
Rwanda / Africa (South of Sahara) / Increase productivity in the agriculture production targeting smallholder farmers in Rwanda South and East	18,000.00	19,966.72	Committed	ODA	Grant	Cross-cutting	Agriculture	Rwanda	
Algeria / Africa (North of Sahara) / Moringa for Saharawi refugees	17,800.00	19,744.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Algeria	
Burkina Faso / Africa (South of Sahara) / Supporting Desert Vert Soong Taaba	17,500.00	19,412.09	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Agrobiodiversity	17,469.16	19,377.88	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	

Paraguay / America (South America) / Construction of an artesian well at the ranch La Esperanza Padre Pio - District of Belen - Concepcion	17,254.00	19,139.21	Committed	ODA	Grant	Adaptation	Agriculture	Paraguay	
Kenya / Africa (South of Sahara) / From Vulnerability to Resilience: community based interventions to enhance food security in pastoral communities during droughts in Samburu County	16,890.80	18,736.33	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Kenya	
Ethiopia / Africa (South of Sahara) / Agrobiodiversity	16,867.64	18,710.64	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	
Zambia / Africa (South of Sahara) / Solar panels for the community radio station Radio Yangemi	16,830.00	18,668.89	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Zambia	
India / Asia (South & Central Asia) / Farmers Center for integrating the land, water, livestock and agricultural resources for eco-friendly livelihoods promotion	16,800.00	18,635.61	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
India / Asia (South & Central Asia) / Agrobiosciences	16,687.64	18,510.97	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
Lebanon / Asia (Middle East Asia) / Supply and installation of 50 solar street lights	16,608.40	18,423.07	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Myanmar / Asia (South & Central Asia) / Agrobiodiversity	16,531.36	18,337.62	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Myanmar	
Vietnam / Asia (Far East Asia) / Agrobiodiversity	16,531.36	18,337.62	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Vietnam	
Ethiopia / Africa (South of Sahara) / PHD Grant: curriculum New Technologies for the region, the city and the environment	16,433.00	18,228.51	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Ethiopia	
West Bank & Gaza Strip / Asia (Middle East Asia) / ECOSUSTAINABLE ACTION TO PROMOTE AGRICULTURAL PASTORAL PRODUCTIVITY IN SEMIDESERTIC AREA IN HEBRON DISTRICT	16,326.38	18,110.24	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Morocco / Africa (North of Sahara) / Improving access to water and sanitation in the Settlat Province - Morocco Project. Expert fund	16,112.15	17,872.60	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Morocco	
El Salvador / America (North & Central America) / A town for everybody	16,000.00	17,748.20	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	El Salvador	

Bolivia / America (South America) / Energy against poverty	16,000.00	17,748.20	Committed	ODA	Grant	Cross-cutting	Energy	Bolivia	
Ethiopia / Africa (South of Sahara) / Supporting Growth and Transformation in Ethiopia through Investment Climate Improvements. Local Fund	16,000.00	17,748.20	Committed	ODA	Grant	Cross-cutting	Industry	Ethiopia	
Mozambique / Africa (South of Sahara) / Machanga: expansion of cattle production through agro forestry and sustainable pasture management	16,000.00	17,748.20	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
Tunisia / Africa (North of Sahara) / El Ouidane Oases:	16,000.00	17,748.20	Committed	ODA	Grant	Mitigation	Water and Sanitation	Tunisia	
Ecuador / America (South America) / Sensacional Chocolate	16,000.00	17,748.20	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	
Uganda / Africa (South of Sahara) / Strengthening WASH on Bussi Island, Uganda: Achieving sustainable improvements to water, sanitation, hygiene and health.	16,000.00	17,748.20	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Uganda	
Senegal / Africa (South of Sahara) / Water for life	16,000.00	17,748.20	Committed	ODA	Grant	Adaptation	Water and Sanitation	Senegal	
Brazil / America (South America) / Purchase of a tractor for the community of assentamento Olga Benario - Ipameri - Goias	15,918.00	17,657.24	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	
Brazil / America (South America) / Purchase of a tractor for Cuiabanos communities, Rio do Peixe I and II, Campo Aberto and Limeira - Orizona - Goias	15,897.00	17,633.94	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	
Developing countries, unspecified / / EDUCATING THE DISCOVERY OF RURALCOMMUNITIES SOUTH OF THE WORLD THROUGH EXPERIENCE OF AGRICULTURAL DEVELOPMENT IN COMPARISON :	15,820.75	17,549.36	Committed	ODA	Grant	Cross-cutting	Other (Promotion of development awareness)	Other (Developing countries)	
Pakistan / Asia (South & Central Asia) / Support to Pakistan National Plan of Action MDG 13-16 and contribution to TVET reform	15,626.76	17,334.18	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Pakistan	
Nigeria / Africa (South of Sahara) / Digging of wells and water reserves for use of Mary Queen of Angels Catholic Girl's Secondary School -	15,551.20	17,250.36	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nigeria	

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Burkina Faso / Africa (South of Sahara) / Support for improving access to safe water and sanitation in the province of Gourma	15,549.60	17,248.59	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Agrobiodiversity	15,461.97	17,151.38	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	
Ethiopia / Africa (South of Sahara) / Agrobiodiversity	15,461.97	17,151.38	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	
Peru / America (South America) / Promoting food security among Shawi people	15,420.00	17,104.83	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	
Tanzania / Africa (South of Sahara) / Water is Life	15,400.00	17,082.64	Committed	ODA	Grant	Mitigation	Water and Sanitation	Tanzania	
Philippines / Asia (Far East Asia) / Assistance, monitoring and coordination initiative in favor of the population of the Philippines affected by Yolanda typhoon.	15,370.88	17,050.34	Committed	ODA	Grant	Cross-cutting	Other (Reconstruction relief and rehabilitation)	Philippines	
Benin / Africa (South of Sahara) / Improving access to drinking water with renewable energy in Central / North Benin	38,000.00	42,151.97	Committed	ODA	Grant	Mitigation	Water and Sanitation	Benin	
Myanmar / Asia (South & Central Asia) / DEBT SWAP PROGRAMME FOR DEVELOPMENT INITIATIVES - FONDO IN LOCO	15,080.00	16,727.68	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Myanmar	
Congo, Dem. Rep. / Africa (South of Sahara) / Fish farming activities in Masi-Manimba	15,036.22	16,679.11	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Democratic Republic of the Congo	
Argentina / America (South America) / Creation of multidisciplinary high altitude research laboratory	15,000.00	16,638.94	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Argentina	
Nicaragua / America (North & Central America) / DAIRY DEVELOPMENT PROGRAM IN CHONTALES, RIO S.JUAN E RAAS	15,000.00	16,638.94	Committed	ODA	Grant	Cross-cutting	Agriculture	Nicaragua	
Bosnia-Herzegovina / Europe / Raspberries for Peace	15,000.00	16,638.94	Committed	ODA	Grant	Cross-cutting	Agriculture	Bosnia and Herzegovina	
Mozambique / Africa (South of Sahara) / Let's put the weight down from women shoulders	15,000.00	16,638.94	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	

Albania / Europe / Supporting Sapa-Zadrima	15,000.00	16,638.94	Committed	ODA	Grant	Cross-cutting	Agriculture	Albania	
Africa, regional / Africa / FAO microjardins project n. 3. Extension in Ouagadougou (Burkina Faso), Niamey (Niger) and Banjul (Gambia).	15,000.00	16,638.94	Committed	ODA	Grant	Cross-cutting	Agriculture	Africa	
Bolivia / America (South America) / Honey	15,000.00	16,638.94	Committed	ODA	Grant	Adaptation	Industry	Bolivia	Promoting food security and gender empowerment by supporting women-led income-generating activities in the apiculture field
Madagascar / Africa (South of Sahara) / Pig farming and vegetable gardens	14,985.00	16,622.30	Committed	ODA	Grant	Cross-cutting	Agriculture	Madagascar	
Africa, regional / Africa / Re-Eco de Femmes: best practices that echoes. Work, rights and governance for gender equality in Tunisia and Morocco	14,894.00	16,521.35	Committed	ODA	Grant	Cross-cutting	Agriculture	Africa	
Tanzania / Africa (South of Sahara) / IMPROVING THE ACCESS AND THE MANAGEMENT OF WATER RESOURCES OF THE IRINGA REGION RURAL POPULATION. SOCIAL SECURITY CHARGES AND INSU	14,741.74	16,352.45	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Tanzania	
Ethiopia / Africa (South of Sahara) / Agrobiosciences	14,499.96	16,084.26	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	
Kenya / Africa (South of Sahara) / Km0 school, feeding	14,400.00	15,973.38	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Kenya	
Benin / Africa (South of Sahara) / Water supply in the Department of Borgou and Atakora	36,000.00	39,933.44	Committed	ODA	Grant	Adaptation	Water and Sanitation	Benin	
Myanmar / Asia (South & Central Asia) / Supporting Lampl Parc population	14,080.00	15,618.41	Committed	ODA	Grant	Adaptation	Water and Sanitation	Myanmar	
Vietnam / Asia (Far East Asia) / At Mui - The year of the goat	14,012.00	15,542.98	Committed	ODA	Grant	Cross-cutting	Agriculture	Vietnam	
Nepal / Asia (South & Central Asia) / Broadband Seismometer at the EvK2CNR Pyramid International Laboratory-Observatory in Khumbu Valley - Everest - Nepal	14,000.00	15,529.67	Committed	ODA	Grant	Adaptation	Other (Research/scientific institutions)	Nepal	
Somalia / Africa (South of Sahara) / A tractor of hope for Somalia: acquiring an agricultural	14,000.00	15,529.67	Committed	ODA	Grant	Cross-cutting	Agriculture	Somalia	



tractor farm near Harare, the Afgooye area									
Philippines / Asia (Far East Asia) / Philippines - Debt swap. Experts funds	13,937.77	15,460.65	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Philippines	
Somalia / Africa (South of Sahara) / Installation of pump for drinking water	34,581.00	38,359.40	Committed	ODA	Grant	Adaptation	Water and Sanitation	Somalia	
Mozambique / Africa (South of Sahara) / EsMaBaMa: Training in the zootechnical sector	13,740.00	15,241.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
Kenya / Africa (South of Sahara) / Kenya - sustainable development of irrigation and land reclamation in Kenya	13,641.46	15,131.96	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	
Ecuador / America (South America) / Construcion of a production site for transforming cacao for the smallholder farmers in Uoprocae e Eloy Alfaro province of Esmeraldas	13,600.00	15,085.97	Committed	ODA	Grant	Adaptation	Industry	Ecuador	
Mozambique / Africa (South of Sahara) / Support to the rural development programme. expert fund	13,556.28	15,037.48	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
Uruguay / America (South America) / Support to Centro Emmanuel	13,320.00	14,775.37	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/training)	Uruguay	
Uruguay / America (South America) / Purchase of a vehicle Centro Emmanuel	13,320.00	14,775.37	Committed	ODA	Grant	Mitigation	Other (Environmental education/training)	Uruguay	
Argentina / America (South America) / Training programme in farming communities	13,320.00	14,775.37	Committed	ODA	Grant	Adaptation	Other (Education Secondary)	Argentina	
Senegal / Africa (South of Sahara) / Takku bey	13,219.00	14,663.34	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Iran / Asia (Middle East Asia) / Long-term variability of the South Adriatic circulation and phytoplankton biomass in relation to large-scale climatic pattern	13,200.00	14,642.26	Committed	ODA	Grant	Adaptation	Other (Environmental Research)	Iran (Islamic Republic of)	
Colombia / America (South America) / System of currents	13,200.00	14,642.26	Committed	ODA	Grant	Cross-cutting	Other (Environmental Research)	Colombia	
Cuba / America (North & Central America) / Focal mechanisms of moderate earthquakes in the Gonave microplate in the period 2011-2015	13,200.00	14,642.26	Committed	ODA	Grant	Cross-cutting	Other (Environmental Research)	Cuba	

Cuba / America (North & Central America) / Network of seismic survey aimed at monitoring the seismicity natural and induced microseismic	13,200.00	14,642.26	Committed	ODA	Grant	Cross-cutting	Other (Environmental Research)	Cuba	
Brazil / America (South America) / Support and strengthening of Munduruku resistance	13,069.60	14,497.62	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Brazil	
Senegal / Africa (South of Sahara) / Teranga	13,000.00	14,420.41	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Burkina Faso / Africa (South of Sahara) / Land irrigation through a "drop by drop" system	12,970.40	14,387.58	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Lebanon / Asia (Middle East Asia) / supply and installation of water pump	32,375.00	35,912.37	Committed	ODA	Grant	Adaptation	Water and Sanitation	Lebanon	
Mauritania / Africa (South of Sahara) / Increase of Agricultural Production in the Mauritanian Central- Eastern regions. Local fund	12,800.00	14,198.56	Committed	ODA	Grant	Mitigation	Agriculture	Mauritania	
Madagascar / Africa (South of Sahara) / Supply of drinking water to the village for the House of the Child and the Ambatolahy school	12,572.40	13,946.09	Committed	ODA	Grant	Adaptation	Water and Sanitation	Madagascar	
Tanzania / Africa (South of Sahara) / Strategies for climate change adaptation and mitigation in Missenyi District	12,388.20	13,741.76	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	
Mali / Africa (South of Sahara) / Gardens: care and the sustainability for the planet	12,169.34	13,498.99	Committed	ODA	Grant	Cross-cutting	Agriculture	Mali	
Senegal / Africa (South of Sahara) / Let's save Bandjitali Valley	30,000.00	33,277.87	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	
Benin / Africa (South of Sahara) / Water and sanitation for the street children of Abomey, Benin	12,000.00	13,311.15	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Benin	
Cote d'Ivoire / Africa (South of Sahara) / Household waste collecting and recycling	12,000.00	13,311.15	Committed	ODA	Grant	Mitigation	Water and Sanitation	Côte d'Ivoire	
Cote d'Ivoire / Africa (South of Sahara) / Construction of a poultry cooperative in the town of Adzope, Agboville region	12,000.00	13,311.15	Committed	ODA	Grant	Cross-cutting	Agriculture	Côte d'Ivoire	
Chad / Africa (South of Sahara) / Rural participatory development in the community bongor	12,000.00	13,311.15	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	
Madagascar / Africa (South of Sahara) / Crabes - Resources community management for	4,800.00	5,324.46	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Madagascar	

empowerment and sustainable development									
Philippines / Asia (Far East Asia) / Kito Health	12,000.00	13,311.15	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Philippines	
Madagascar / Africa (South of Sahara) / Mandrosoa	12,000.00	13,311.15	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Madagascar	
West Bank & Gaza Strip / Asia (Middle East Asia) / Emergency action in favor of the civilian population in the Gaza Strip	30,000.00	33,277.87	Committed	ODA	Grant	Adaptation	Water and Sanitation	Other (West Bank and Gaza)	
Ethiopia / Africa (South of Sahara) / Strengthening innovation and technology dissemination for sustainable development in cereals, cocoa and coffee value chains (SATTIFS)	11,994.00	13,304.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	
Lebanon / Asia (Middle East Asia) / Supply and installation of 25solar street lights	11,835.00	13,128.12	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / supply and installation of water pump	29,550.00	32,778.70	Committed	ODA	Grant	Adaptation	Water and Sanitation	Lebanon	
Mexico / America (North & Central America) / Strengthening of grain marketing centers for indigenous communities in the Huasteca Region - San Luis de Potosi	11,800.00	13,089.30	Committed	ODA	Grant	Cross-cutting	Agriculture	Mexico	
Mozambique / Africa (South of Sahara) / Agro-zootechnical training and promotion of community health of morumbene district. social security charges and insurance for vol	11,623.23	12,893.21	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
Nigeria / Africa (South of Sahara) / Future for Amapu	29,000.00	32,168.61	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nigeria	
Benin / Africa (South of Sahara) / Water supply for the agricultural production, support to cattle breeding and reforestation in the cross-border area of Tenonrou	28,965.00	32,129.78	Committed	ODA	Grant	Adaptation	Water and Sanitation	Benin	
Korea, Dem. Rep. / Asia (Far East Asia) / F. Esperti Capacity Building, for rice production in Kangwon province	11,573.67	12,838.24	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic People's Republic of Korea	

Togo / Africa (South of Sahara) / Agro-ecological multifunctional platform in the school	11,452.00	12,703.27	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/training)	Togo	
Pakistan / Asia (South & Central Asia) / Support to Pakistan's energy generation & supply in rural areas	11,440.00	12,689.96	Committed	ODA	Grant	Mitigation	Energy	Pakistan	
Kenya / Africa (South of Sahara) / Keita Technical Training Centre	4,562.80	5,061.34	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Kenya	
Sri Lanka / Asia (South & Central Asia) / Sri-Eco	11,368.00	12,610.09	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Sri Lanka	
Bolivia / America (South America) / Project for sustaining the integrated management of Rio Grande, Santa Cruz, Bolivia (Angirg). Social security charges and insurance for volunteers	11,298.41	12,532.90	Committed	ODA	Grant	Mitigation	Water and Sanitation	Bolivia	
Bolivia / America (South America) / Construction of a system of constructed wetlands and irrigation reuse of waste water for the community of Villa Satellite, department of Cochabamba	11,200.00	12,423.74	Committed	ODA	Grant	Mitigation	Water and Sanitation	Bolivia	
Senegal / Africa (South of Sahara) / MIR project	11,200.00	12,423.74	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Senegal / Africa (South of Sahara) / "Anotherschool" promoting "anothereducation"	11,200.00	12,423.74	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Senegal	
Lebanon / Asia (Middle East Asia) / Water supply and sewage systems and waste water treatment plant in Jbeil District. Expert fund	27,923.73	30,974.74	Committed	ODA	Grant	Adaptation	Water and Sanitation	Lebanon	
Mali / Africa (South of Sahara) / Food security and economic development in Sadjourogou	11,155.50	12,374.38	Committed	ODA	Grant	Cross-cutting	Agriculture	Mali	
Cameroon / Africa (South of Sahara) / Honey in the forest	10,920.00	12,113.14	Committed	ODA	Grant	Mitigation	Agriculture	Cameroon	
South Africa / Africa (South of Sahara) / Integrated action for a sustainable community enforcement in the informal settlements of Buffalo City Municipality.	10,843.62	12,028.42	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	South Africa	
Peru / America (South America) / Breeding bees in five communities in the parroquia San Lorenzo de Matara - Cajamarca	10,776.00	11,953.41	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	

Egypt / Africa (North of Sahara) / Geology, geophysics and geochronology of Kamil Crater, Egypt: implications for cratering mechanism, impact hazard and the history of the Ancient Egypt	10,667.07	11,832.58	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Egypt	
Lebanon / Asia (Middle East Asia) / Supply and installation of 26 solar street lights	10,602.00	11,760.40	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Myanmar / Asia (South & Central Asia) / Italian contribution to scaling up the initiative National Community Driven Development Project	10,600.00	11,758.18	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Myanmar	
India / Asia (South & Central Asia) / Nirmal Bharat Abhiyan (Campaign for a clean India)	26,297.00	29,170.27	Committed	ODA	Grant	Adaptation	Water and Sanitation	India	
Congo, Dem. Rep. / Africa (South of Sahara) / School gardens	10,414.00	11,551.86	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	
Guatemala / America (North & Central America) / Mayan civil society organizations promoting their community food security	10,400.00	11,536.33	Committed	ODA	Grant	Cross-cutting	Industry	Guatemala	
Lebanon / Asia (Middle East Asia) / Supply and installation of 21 solar street lights	10,347.00	11,477.54	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Congo, Dem. Rep. / Africa (South of Sahara) / Model farm in Luangu	10,344.40	11,474.65	Committed	ODA	Grant	Mitigation	Agriculture	Democratic Republic of the Congo	
Mexico / America (North & Central America) / Tatawelo	10,173.60	11,285.19	Committed	ODA	Grant	Mitigation	Agriculture	Mexico	
Lebanon / Asia (Middle East Asia) / construction of a rainwater cistern for an association in charge of children with disabilities	10,150.16	11,259.19	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Lebanon	
Chad / Africa (South of Sahara) / Birds breeding	10,132.00	11,239.05	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	
Bolivia / America (South America) / Development process models conservation and strategies for improvement of genetic resources of agrobiodiversity of Bolivia	10,122.73	11,228.76	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	
Mali / Africa (South of Sahara) / Zélani women vegetable garden	10,120.00	11,225.73	Committed	ODA	Grant	Adaptation	Agriculture	Mali	

Ethiopia / Africa (South of Sahara) / Diversified sources of income - Modern Beekeeping and diversifying sources of income	10,098.00	11,201.33	Committed	ODA	Grant	Adaptation	Industry	Ethiopia	The project aims to contribute to poverty alleviation in low-income in rural areas of South Ethiopia (Overall Objective) and specifically aims to support the development of income-generating activities, to a large extent related to the characteristics of the areas of agri-food chains intervention (Specific objective) and in particular: the enlargement and strengthening of the network of small producers of honey and improvement of market access for their products; the setting up of income generating activities managed by women's groups (micro-business) and expansion of livelihood at their disposal (horticulture) in an effort to strengthen the food security of their households; awareness of the younger generation on horticulture and food security, including the development of educational gardens.
Somalia / Africa (South of Sahara) / livestock vaccination	10,041.00	11,138.10	Committed	ODA	Grant	Cross-cutting	Agriculture	Somalia	
Burkina Faso / Africa (South of Sahara) / Water and soil conservation	25,000.00	27,731.56	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Developing countries, unspecified / / Climate Protection Programme	25,000.00	27,731.56	Committed	ODA	Grant	Adaptation	Other (Environmental education/training)	Other (Developing countries)	
El Salvador / America (North & Central America) / CompostHEMOS	10,000.00	11,092.62	Committed	ODA	Grant	Mitigation	Water and Sanitation	El Salvador	
Madagascar / Africa (South of Sahara) / Water and renewable energy	10,000.00	11,092.62	Committed	ODA	Grant	Mitigation	Water and Sanitation	Madagascar	
Nicaragua / America (North & Central America) / Women farmers empowerment, food security and development in Larreynaga (II step)	10,000.00	11,092.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Nicaragua	

Senegal / Africa (South of Sahara) / A chance for Diafar Santo	10,000.00	11,092.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Cote d'Ivoire / Africa (South of Sahara) / Construction of a pigsty for the pig farm on the outskirts of the village of Abradine, region of La Mé	10,000.00	11,092.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Côte d'Ivoire	
Senegal / Africa (South of Sahara) / Sustainable Agriculture and Biodiversity	4,000.00	4,437.05	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	
Kenya / Africa (South of Sahara) / Renovating roofs and Installing photovoltaic power plants in the Kivuli Centre	10,000.00	11,092.62	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Kenya	
Bosnia-Herzegovina / Europe / Flood emergency in the district of Tuzla (BiH): a bridge to Dokanj on Solina River in Tuzla	10,000.00	11,092.62	Committed	ODA	Grant	Adaptation	Transport	Bosnia and Herzegovina	
Uganda / Africa (South of Sahara) / Sustainable water supply for two schools	9,922.00	11,006.10	Committed	ODA	Grant	Mitigation	Water and Sanitation	Uganda	
Madagascar / Africa (South of Sahara) / Women Empowerment - Promoting a network among "green" clothes manufacturers	9,920.00	11,003.88	Committed	ODA	Grant	Cross-cutting	Industry	Madagascar	
Burkina Faso / Africa (South of Sahara) / Supporting the Network for Food Security	9,800.00	10,870.77	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Burkina Faso	
Moldova / Europe / Construction of a water pipeline in the village of Ceadir, province of Leova, Moldova	9,600.00	10,648.92	Committed	ODA	Grant	Mitigation	Water and Sanitation	Republic of Moldova	
Tanzania / Africa (South of Sahara) / Construction of toilets for the dormitories of female secondary school St. Clara in Ijiniu, Tanzania	9,600.00	10,648.92	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Tanzania	
Vietnam / Asia (Far East Asia) / Strengthening workers rights and representation	9,555.20	10,599.22	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Vietnam	
Senegal / Africa (South of Sahara) / Implementation of eco-system services and green economy for the economic and social development in the region of Matam, Senegal	9,412.58	10,441.02	Committed	ODA	Grant	Mitigation	Energy	Senegal	
Senegal / Africa (South of Sahara) / Agricultural production	9,402.40	10,429.73	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	

Bosnia-Herzegovina / Europe / Rural and social development	9,392.00	10,418.19	Committed	ODA	Grant	Adaptation	Industry	Bosnia and Herzegovina	Training local farmers in Bosnia and Herzegovina to set networks among small-sized cooperatives, to increase the quality of milk and cheese production and to enhance their market presence
Rwanda / Africa (South of Sahara) / Rehabilitation of an aqueduct	9,343.60	10,364.50	Committed	ODA	Grant	Adaptation	Water and Sanitation	Rwanda	
Morocco / Africa (North of Sahara) / Sun-empowered Morocco	9,320.00	10,338.33	Committed	ODA	Grant	Mitigation	Energy	Morocco	
Chad / Africa (South of Sahara) / Access to drinking water	9,238.40	10,247.81	Committed	ODA	Grant	Adaptation	Water and Sanitation	Chad	
West Bank & Gaza Strip / Asia (Middle East Asia) / POVERTY REDUCTION IN RURAL AREAS THROUGH BIODIVERSITY DEVELOPMENT- SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	9,200.76	10,206.06	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Bolivia / America (South America) / Social and environmental sustainability of integrated livestock-farming systems (quinoa-camelides) in Bolivian uplands	9,200.00	10,205.21	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	
Chad / Africa (South of Sahara) / Electrification by solar energy of high school	9,186.00	10,189.68	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Chad	
Mali / Africa (South of Sahara) / Breeding activities of birds in Timissa center	9,146.00	10,145.31	Committed	ODA	Grant	Cross-cutting	Agriculture	Mali	
Cameroon / Africa (South of Sahara) / Agriculture and Technology	9,083.60	10,076.10	Committed	ODA	Grant	Mitigation	Agriculture	Cameroon	
Uganda / Africa (South of Sahara) / Purchase of a tractor for the activities of the Kasaala Parish Mission, Luweero District	9,000.00	9,983.36	Committed	ODA	Grant	Cross-cutting	Agriculture	Uganda	
Lebanon / Asia (Middle East Asia) / hiring of a local architect for the development of infrastructure projects in the local civil environment	9,000.00	9,983.36	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Lebanon	
India / Asia (South & Central Asia) / Green school	8,923.60	9,898.61	Committed	ODA	Grant	Mitigation	Other (Environmental education/training)	India	



India / Asia (South & Central Asia) / Emergency aid for victims of Cyclone Hudhud in Visakhapatnam	22,129.00	24,546.87	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	India	
Ecuador / America (South America) / Equipment of the production plant of creole eggs - Comunidad de San Ramon - Canton Chaguarpamba - Loja	8,781.00	9,740.43	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	
Tanzania / Africa (South of Sahara) / Collecting rainwater	21,843.00	24,229.62	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tanzania	
Lebanon / Asia (Middle East Asia) / Supply and installation of 15 solar street lights	8,731.80	9,685.86	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Peru / America (South America) / SuperA Peru: promotion of the certified exportation of the Superfoods Quinoa and Brazil nut	8,721.20	9,674.10	Committed	ODA	Grant	Mitigation	Industry	Peru	
India / Asia (South & Central Asia) / Breeding program of lambs and rams for the sustainable development of tribal women	8,637.00	9,580.70	Committed	ODA	Grant	Cross-cutting	Agriculture	India	
Serbia / Europe / LINE OF CREDIT IN SUPPORT OF SERBIAN SMEs AND SUPPORT OF LOCAL DEVELOPMENT THROUGH THE MUNICIPALITY - EXPERT FUND	8,627.74	9,570.43	Committed	ODA	Grant	Cross-cutting	Industry	Serbia	
Mozambique / Africa (South of Sahara) / Protection of coastal and marine habitats of the Quirimbas National Park for food security and economic development	8,624.66	9,567.01	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Mozambique	
Ethiopia / Africa (South of Sahara) / Emergency initiative in support of the vulnerable people, refugees, IDPs and migrants.	8,600.00	9,539.66	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Ethiopia	Emergency activities aiming to strengthen resilience, improving living conditions of most vulnerable categories by providing basic services, assistance and protection to migrants, urban refugees and DPCs.
Burkina Faso / Africa (South of Sahara) / Pig farm in Tamsé	8,588.00	9,526.34	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Lebanon / Asia (Middle East Asia) / Supply and installation of 21 solar street lights	8,579.25	9,516.64	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 21 solar street lights	8,579.25	9,516.64	Committed	ODA	Grant	Mitigation	Energy	Lebanon	

Somalia / Africa (South of Sahara) / restoring of 3 water wells	21,177.00	23,490.85	Committed	ODA	Grant	Adaptation	Water and Sanitation	Somalia	
Niger / Africa (South of Sahara) / Environmental, social and economic rehabilitation of the Tin Telloust oasis	8,464.65	9,389.52	Committed	ODA	Grant	Adaptation	Other (Bio-diversity)	Niger	
Senegal / Africa (South of Sahara) / Kids Island – II step	21,000.00	23,294.51	Committed	ODA	Grant	Adaptation	Water and Sanitation	Senegal	
Peru / America (South America) / Sending humanitarian aid to residents of the poor areas	8,387.00	9,303.38	Committed	ODA	Grant	Adaptation	Cross-cutting	Peru	
Angola / Africa (South of Sahara) / PIPDEFA (Integrated program for the protection and development of coastal forests of Angola).	8,325.84	9,235.55	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Angola	
West Bank & Gaza Strip / Asia (Middle East Asia) / Improvement of health and environmental conditions	8,285.60	9,190.90	Committed	ODA	Grant	Mitigation	Water and Sanitation	Other (West Bank and Gaza)	
Chad / Africa (South of Sahara) / Electrification by solar energy of the community health center Emmanuel de Guelkol	8,247.00	9,148.09	Committed	ODA	Grant	Mitigation	Other (Health General)	Chad	
India / Asia (South & Central Asia) / Sustainable development for the fishermen's families cyclone victims	20,566.30	22,813.42	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	India	
Cape Verde / Africa (South of Sahara) / Completion of Community henhouse	8,225.00	9,123.68	Committed	ODA	Grant	Cross-cutting	Agriculture	Cape Verde	
Burkina Faso / Africa (South of Sahara) / Well equipped with immersed pump and water tank in Bafuji	8,220.00	9,118.14	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Burkina Faso	
Guatemala / America (North & Central America) / Proper coffee	8,075.20	8,957.52	Committed	ODA	Grant	Cross-cutting	Agriculture	Guatemala	
West Bank & Gaza Strip / Asia (Middle East Asia) / PALESTINE PASS - For Paper Source Safe and Supportive	8,075.20	8,957.52	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Mozambique / Africa (South of Sahara) / Transformation to feed the planet. The chains of cashew, mango, citrus and vegetables in the province of Inhambane	8,075.20	8,957.52	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	

Sri Lanka / Asia (South & Central Asia) / Integrated Rural Development through Sustainable Business Social. Technology and innovation applied to traditional Sri Lankan food chains	8,073.60	8,955.74	Committed	ODA	Grant	Mitigation	Agriculture	Sri Lanka	
Brazil / America (South America) / Sustainable development for small farmers in semi-arid areas	8,072.80	8,954.85	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	
Mozambique / Africa (South of Sahara) / FROM SEED TO DISH Community Resilience, biodiversity and access to food markets in Pemba	8,061.20	8,941.99	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
Haiti / America (North & Central America) / Fight against malnutrition in Haiti: production of food supplements and socio-economic development of the food chain	8,050.00	8,929.56	Committed	ODA	Grant	Mitigation	Agriculture	Haiti	
Sierra Leone / Africa (South of Sahara) / S.I. P.O.' F.A.'	8,042.80	8,921.58	Committed	ODA	Grant	Mitigation	Agriculture	Sierra	
Senegal / Africa (South of Sahara) / Pig breeding laboratory	8,005.00	8,879.65	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Somalia / Africa (South of Sahara) / Purchase of a tanker for water	20,000.55	22,185.86	Committed	ODA	Grant	Adaptation	Water and Sanitation	Somalia	
Cote d'Ivoire / Africa (South of Sahara) / Construction of a well for the water supply of Kouté village	8,000.00	8,874.10	Committed	ODA	Grant	Adaptation	Water and Sanitation	Côte d'Ivoire	
Nicaragua / America (North & Central America) / Strengthening Nicaragua Red Cross capacity to cope with disaster and emergency situations.	8,000.00	8,874.10	Committed	ODA	Grant	Cross-cutting	Other (Disaster prevention and preparedness)	Nicaragua	
Ghana / Africa (South of Sahara) / Water supply for Gbalahi areas, Fooshegu and Asafo construction of the health center, "City of God" in the capital Accra	8,000.00	8,874.10	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Ghana	
Somalia / Africa (South of Sahara) / "Improving food security for the poorest rural communities in the district of Gabiley and Hargeysa"	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Agriculture	Somalia	

India / Asia (South & Central Asia) / Protection of the biodiversity and seeds sovereignty: creation of community seeds banks in India	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Agriculture	India	
El Salvador / America (North & Central America) / Inspiring and coordinating of leader on ecological principles	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Other (Environmental education/training)	El Salvador	
Senegal / Africa (South of Sahara) / CLEAN, SECURE AND CONTINUE ENERGY FOR THE POST DE SANTÉ IN THE RURAL COMMUNITY MERINA Dakhar	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Senegal	
Mexico / America (North & Central America) / Youth leadership	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Water and Sanitation	Mexico	
Colombia / America (South America) / Villa Lorena aqueducts	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Water and Sanitation	Colombia	
Cote d'Ivoire / Africa (South of Sahara) / Purchase of a used 5t capacity truck in sub-prefecture of Abongoua	8,000.00	8,874.10	Committed	ODA	Grant	Cross-cutting	Agriculture	Côte d'Ivoire	
Senegal / Africa (South of Sahara) / Feeding developement	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	
Bolivia / America (South America) / Family greenhouses	8,000.00	8,874.10	Committed	ODA	Grant	Mitigation	Agriculture	Bolivia	
Ecuador / America (South America) / Support to the Special Institute "Nuevos Pasos" in San Lorenzo - Esmeraldas	8,000.00	8,874.10	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Ecuador	
Cote d'Ivoire / Africa (South of Sahara) / "With young Duekouè"	8,000.00	8,874.10	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Côte d'Ivoire	
Peru / America (South America) / Oltre Due Sponde - Food Security and Women's Empowerment / Safety for Children.	8,000.00	8,874.10	Committed	ODA	Grant	Adaptation	Other (Government and civil society general)	Peru	
Ethiopia / Africa (South of Sahara) / WATSAM	8,000.00	8,874.10	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	
Cape Verde / Africa (South of Sahara) / Construction of pigsties	7,832.00	8,687.74	Committed	ODA	Grant	Cross-cutting	Agriculture	Cape Verde	
Bolivia / America (South America) / Small seeds, great opportunities!	7,807.60	8,660.68	Committed	ODA	Grant	Mitigation	Agriculture	Bolivia	

Morocco / Africa (North of Sahara) / OLIVO - SUPPORTING LOCAL FARMERS OF TADLA-AZILAL IMPROVING THE OLIVE OIL PRODUCTION COMMERCIALIZATION-INSURANCE AND SOCIAL CHARGE	7,696.29	8,537.20	Committed	ODA	Grant	Adaptation	Agriculture	Morocco	
Kenya / Africa (South of Sahara) / Rural development programmes	7,668.00	8,505.82	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Kenya	Involving 200 families in programmes aimed at improving socio-economic and environmental conditions of the rural community
Ecuador / America (South America) / "Pachamama" Support for better food safety	7,664.40	8,501.83	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	
Kenya / Africa (South of Sahara) / GARDENS OF THE ROAD	7,652.80	8,488.96	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Guinea-Bissau / Africa (South of Sahara) / Small agricultural production management	7,622.00	8,454.80	Committed	ODA	Grant	Cross-cutting	Agriculture	Guinea-Bissau	
Guinea-Bissau / Africa (South of Sahara) / Training in horticulture, conservation of food and nutrition	7,607.00	8,438.16	Committed	ODA	Grant	Cross-cutting	Agriculture	Guinea-Bissau	
Vietnam / Asia (Far East Asia) / Italian Voluntary Contribution to SOGIN for the Project Course in Radioactive Waste Management Characterization for Vietnam Officials	7,505.20	8,325.24	Committed	ODA	Grant	Adaptation	Water and Sanitation	Vietnam	
Bolivia / America (South America) / The Knowledge of the water	7,492.00	8,310.59	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	
Kenya / Africa (South of Sahara) / Improve the access to water, sanitation and high quality basic health services in the Isiolo County, Merti, Is.	7,478.41	8,295.52	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Kenya	
Tunisia / Africa (North of Sahara) / Governance and social development for sustainable economy	7,400.00	8,208.54	Committed	ODA	Grant	Mitigation	Other (Site preservation)	Tunisia	
Lebanon / Asia (Middle East Asia) / Supply and installation of 18 solar street lights	7,365.60	8,170.38	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Madagascar / Africa (South of Sahara) / Restructuring damages caused by a cyclone	7,356.40	8,160.18	Committed	ODA	Grant	Adaptation	Other (Reconstruction relief and rehabilitation)	Madagascar	
West Bank & Gaza Strip / Asia (Middle East Asia) / AMAD	7,260.00	8,053.24	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (West Bank and Gaza)	

Mozambique / Africa (South of Sahara) / Sources of life: construction of a well and related channeling in Alto Moloque, Zambezia province	7,200.00	7,986.69	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Mozambique	
Ecuador / America (South America) / Abras de Mantequilla Wetland	18,000.00	19,966.72	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Ecuador	
India / Asia (South & Central Asia) / Promoting innovative farming techniques among small farmers in five villages of Midthur Mandal	7,200.00	7,986.69	Committed	ODA	Grant	Mitigation	Agriculture	India	
Peru / America (South America) / Strengthening the capacity of environmental conservation	7,200.00	7,986.69	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Peru	
Burkina Faso / Africa (South of Sahara) / Realization of a well equipped with a submersible pump and a water tank in favor of the communities Sourgoubila Department	7,039.60	7,808.76	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Water, sanitation and education in kaffa zone, snnp. social security charges and insurance for volunteers	7,033.16	7,801.62	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	
Cote d'Ivoire / Africa (South of Sahara) / Cassava processing	7,000.00	7,764.84	Committed	ODA	Grant	Cross-cutting	Agriculture	Côte d'Ivoire	
Vietnam / Asia (Far East Asia) / Expert Fund - Vietnamese Debt Swap Programme	7,000.00	7,764.84	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Vietnam	
Guinea-Bissau / Africa (South of Sahara) / Breeders training	6,966.00	7,727.12	Committed	ODA	Grant	Cross-cutting	Agriculture	Guinea-Bissau	
Kenya / Africa (South of Sahara) / Food security in Mathare and Korogocho - Nairobi	6,902.40	7,656.57	Committed	ODA	Grant	Cross-cutting	Other (Urban development and management)	Kenya	
Uganda / Africa (South of Sahara) / Agro ecology, Entrepreneurship and Social Development	6,820.00	7,565.17	Committed	ODA	Grant	Mitigation	Agriculture	Uganda	
Chad / Africa (South of Sahara) / Gardens for N'garo	6,800.00	7,542.98	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	
Ecuador / America (South America) / EQuoCacao	6,800.00	7,542.98	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	
Cote d'Ivoire / Africa (South of Sahara) / Restructuring, equipment with solar panels, purchase of basic drugs and medical equipment to the health clinic of Kanguelle, Bondoukou region	6,800.00	7,542.98	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Côte d'Ivoire	

Tanzania / Africa (South of Sahara) / Water for the village of Lyalalo	16,683.00	18,505.82	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tanzania	
Chad / Africa (South of Sahara) / Seed production improved	6,646.00	7,372.16	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	
Burkina Faso / Africa (South of Sahara) / Women training in beekeeping	6,602.00	7,323.35	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Argentina / America (South America) / Sea circulation and numerical study	6,600.00	7,321.13	Committed	ODA	Grant	Adaptation	Other (Environmental Research)	Argentina	
Cuba / America (North & Central America) / Geotechnical model of the city of Santiago de Cuba	6,600.00	7,321.13	Committed	ODA	Grant	Cross-cutting	Other (Environmental Research)	Cuba	
Ghana / Africa (South of Sahara) / Agricultural Extension Project	2,640.00	2,928.45	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Ghana	
Tunisia / Africa (North of Sahara) / Non-wood forest products: sources of life	6,564.80	7,282.09	Committed	ODA	Grant	Mitigation	Agriculture	Tunisia	
Burkina Faso / Africa (South of Sahara) / "Growing vegetable Days"	6,520.00	7,232.39	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Somalia / Africa (South of Sahara) / Renovation of bathrooms and water pipes at Xooga Hospital	16,227.00	18,000.00	Committed	ODA	Grant	Adaptation	Water and Sanitation	Somalia	
Mozambique / Africa (South of Sahara) / Food security and energy independence: strengthening the chain of family peri-urban	6,455.60	7,160.95	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	
Uganda / Africa (South of Sahara) / Veterinary Laboratory	6,400.00	7,099.28	Committed	ODA	Grant	Adaptation	Agriculture	Uganda	
Ethiopia / Africa (South of Sahara) / Defending work rights	6,318.00	7,008.32	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Ethiopia	
El Salvador / America (North & Central America) / SUSTAINABLE URBAN SETTLEMENTS IN SONSONATE - INSURANCE AND SOCIAL CHARGES.	6,303.74	6,992.50	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	El Salvador	
West Bank & Gaza Strip / Asia (Middle East Asia) / from the water to the market: a great challenge for the small farmers and the women producing milk products in the West Bank	6,282.41	6,968.84	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Burkina Faso / Africa (South of Sahara) / Sheep farm in Tandatenga	6,224.00	6,904.05	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	

Madagascar / Africa (South of Sahara) / Supply of drinking water to Frédéric Levavasseur college and high school in Tsarafaritra Imerintsiasosika	6,178.00	6,853.02	Committed	ODA	Grant	Adaptation	Water and Sanitation	Madagascar	
Senegal / Africa (South of Sahara) / FREDDAS RENEWABLE SOURCES OF ENERGY FOR SUSTAINABLE DEVELOPMENT OF SENEGAL RIVER VALLEY. SOCIAL SECURITY CHARGES AND INSURANCE FOR	6,115.82	6,784.05	Committed	ODA	Grant	Mitigation	Energy	Senegal	
Mozambique / Africa (South of Sahara) / A sustainable chain for economic growth.Social security charges and insurance for volunteers	6,089.79	6,755.18	Committed	ODA	Grant	Adaptation	Water and Sanitation	Mozambique	
Mali / Africa (South of Sahara) / Mixed vegetable garden with drip irrigation	6,045.60	6,706.16	Committed	ODA	Grant	Adaptation	Agriculture	Mali	
Burkina Faso / Africa (South of Sahara) / Pig farm	6,037.00	6,696.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Tunisia / Africa (North of Sahara) / Strengthening the chain of freshwater fishing in Tunisia.	15,020.00	16,661.12	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Tunisia	
India / Asia (South & Central Asia) / Daddy's Home farm	6,001.20	6,656.91	Committed	ODA	Grant	Adaptation	Other (Health Basic)	India	
Nepal / Asia (South & Central Asia) / Microzonation, monitoring and training for seismic risk assessment in Kathmandu Valley in collaboration with NSET institute	6,000.00	6,655.57	Committed	ODA	Grant	Adaptation	Other (Research/scientific institutions)	Nepal	
Burkina Faso / Africa (South of Sahara) / Learning food sovereignty	6,000.00	6,655.57	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Mexico / America (North & Central America) / Food security and integrated healthcare - II step	6,000.00	6,655.57	Committed	ODA	Grant	Mitigation	Agriculture	Mexico	
Kenya / Africa (South of Sahara) / Enhancement of food chains and development of renewable energy sources in Tharaka-Nithi County- KENYA	6,000.00	6,655.57	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Sierra Leone / Africa (South of Sahara) / " SIPO ' FA in Sierra Leone : Business Development Participated for cashew optimization Chain in Sierra Leone "	6,000.00	6,655.57	Committed	ODA	Grant	Adaptation	Agriculture	Sierra	



Niger / Africa (South of Sahara) / Water for the school Santa Monica in Dosso, Niger	6,000.00	6,655.57	Committed	ODA	Grant	Adaptation	Other (Education Basic)	Niger	
West Bank & Gaza Strip / Asia (Middle East Asia) / Strengthening the food processing sector	6,000.00	6,655.57	Committed	ODA	Grant	Cross-cutting	Industry	Other (West Bank and Gaza)	
Myanmar / Asia (South & Central Asia) / Strengthen local capacities for the environmental conservation and the development of tourism in the archipelago of Myeik - INSURA	5,973.11	6,625.74	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Myanmar	
Somalia / Africa (South of Sahara) / Purchase of materials for the implementation of courses in favour of small fishing cooperatives	14,896.79	16,524.45	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Somalia	
Togo / Africa (South of Sahara) / Poverty reduction through livestock	5,900.00	6,544.65	Committed	ODA	Grant	Cross-cutting	Agriculture	Togo	
Burkina Faso / Africa (South of Sahara) / Purchasing network for food security in Burkina Faso / RASA_BF	5,880.70	6,523.24	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Burkina Faso	
Bosnia-Herzegovina / Europe / Construction of water supply for public schools and other houses in the village of Osmače, town of Srebrenica - Republika Srpska	5,806.00	6,440.38	Committed	ODA	Grant	Adaptation	Water and Sanitation	Bosnia and Herzegovina	
Senegal / Africa (South of Sahara) / SENEGAL-SUPPORT TO THE NATIONAL PROGRAMME FOR INVESTMENTS IN AGRICULTURE - EXPERT FUND	5,766.55	6,396.61	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	
Serbia / Europe / Food Development. Family farming and processing sectors in the regions of Thies and Louga	5,761.20	6,390.68	Committed	ODA	Grant	Mitigation	Agriculture	Serbia	
Colombia / America (South America) / PROPER AND SUSTAINABLE USE OF NATURAL RESOURCES, LOCAL MEDICINAL PLANTS AND FOOD FOR RURAL ECONOMIC DEVELOPMENT TO IMPROVE AND I	5,730.18	6,356.27	Committed	ODA	Grant	Mitigation	Cross-cutting	Colombia	
Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	

Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 13 solar street lights	5,722.02	6,347.22	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 10 solar street lights	5,720.00	6,344.98	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 12 solar street lights	5,710.32	6,334.24	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
China / Asia (Far East Asia) / Visiting professor	5,680.00	6,300.61	Committed	ODA	Grant	Mitigation	Other (Site preservation)	China	
Haiti / America (North & Central America) / Anpil Pay 2.0	5,600.00	6,211.87	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Haiti	
Benin / Africa (South of Sahara) / Social enterprise for women and educational programs for the development of local agricultural supply chains	5,553.60	6,160.40	Committed	ODA	Grant	Mitigation	Agriculture	Benin	
Nigeria / Africa (South of Sahara) / AZIONE VERDE CENTRE	5,540.40	6,145.76	Committed	ODA	Grant	Mitigation	Other (Education Basic)	Nigeria	
Mali / Africa (South of Sahara) / Guinea fowl farming	5,524.00	6,127.57	Committed	ODA	Grant	Cross-cutting	Agriculture	Mali	
Sri Lanka / Asia (South & Central Asia) / SRI-ECO Integrated rural development ECOSustainable in Sri Lanka	5,521.59	6,124.89	Committed	ODA	Grant	Mitigation	Agriculture	Sri Lanka	
Haiti / America (North & Central America) / AGREEMENT FOR THE INTERNATIONAL COOPERATION BETWEEN University of MILAN (UNIMI) AND UNIVERSITE NOTRE DAME D'HAITI (UNDH)	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Agriculture	Haiti	
Mozambique / Africa (South of Sahara) / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Mozambique	

Serbia / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Serbia	
Bosnia-Herzegovina / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Bosnia and Herzegovina	
Cuba / America (North & Central America) / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Cuba	
Turkey / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Turkey	
Kenya / Africa (South of Sahara) / Phd Course of "Food and Environmental Agricultural Sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Kenya	
Montenegro / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Montenegro	
India / Asia (South & Central Asia) / Phd Course of "Agriculture, food and environmental sciences"	5,455.39	6,051.46	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
Albania / Europe / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Albania	
Albania / Europe / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Albania	
Jordan / Asia (Middle East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Jordan	
Iran / Asia (Middle East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Iran (Islamic Republic of)	
Lebanon / Asia (Middle East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Lebanon	
Serbia / Europe / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Serbia	
Turkey / Europe / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Turkey	
Turkey / Europe / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Turkey	
China / Asia (Far East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	China	
China / Asia (Far East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	China	

China / Asia (Far East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	China	
India / Asia (South & Central Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
India / Asia (South & Central Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
India / Asia (South & Central Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
India / Asia (South & Central Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
India / Asia (South & Central Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
Vietnam / Asia (Far East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Vietnam	
Vietnam / Asia (Far East Asia) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Vietnam	
Argentina / America (South America) / PhD Scholarship	5,452.80	6,048.59	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Argentina	
West Bank & Gaza Strip / Asia (Middle East Asia) / PALPASS - For a fair and sustainable agriculture in Palestine	5,440.00	6,034.39	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (West Bank and Gaza)	
India / Asia (South & Central Asia) / Not only rice!	5,426.00	6,018.86	Committed	ODA	Grant	Mitigation	Agriculture	India	
India / Asia (South & Central Asia) / Information campaign to prevent dengue fever, leptospirosis and hepatitis B and assistance to victims of floods and hurricanes - Verapoly	5,340.00	5,923.46	Committed	ODA	Grant	Adaptation	Other (Health Basic)	India	
Guinea-Bissau / Africa (South of Sahara) / Improvement of the production capacity of the Agricultural Center in San Francisco da Floresta	5,324.00	5,905.71	Committed	ODA	Grant	Cross-cutting	Industry	Guinea-Bissau	
Mexico / America (North & Central America) / Physical and biogeochemical dynamics in coastal lagoons of Mexico	5,280.00	5,856.91	Committed	ODA	Grant	Cross-cutting	Other (Environmental Research)	Mexico	
Nicaragua / America (North & Central America) / Sunshine in the school	5,260.00	5,834.72	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Nicaragua	
Tanzania / Africa (South of Sahara) / Food Security and VET Training	5,200.00	5,768.16	Committed	ODA	Grant	Adaptation	Agriculture	Tanzania	

Tanzania / Africa (South of Sahara) / Afrika Project 2015	5,200.00	5,768.16	Committed	ODA	Grant	Mitigation	Water and Sanitation	Tanzania	
Madagascar / Africa (South of Sahara) / Reforestation in Haute Matsiatra	5,196.30	5,764.06	Committed	ODA	Grant	Mitigation	Forestry	Madagascar	
Vietnam / Asia (Far East Asia) / Improving the flood forecasting and warning system in Vietnam - II Phase - Fondo Esperti	5,122.70	5,682.42	Committed	ODA	Grant	Adaptation	Other (Flood prevention/control)	Vietnam	
Colombia / America (South America) / Construction of rainwater tanks for irrigation - the municipalities of Corozal and San Marcos - Sucre	5,121.20	5,680.75	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	
Zambia / Africa (South of Sahara) / Solar panels and pit for rural health center Chinyingi - Solwezi	5,090.80	5,647.03	Committed	ODA	Grant	Mitigation	Water and Sanitation	Zambia	
Chad / Africa (South of Sahara) / Recovery of BereBere lands	5,088.40	5,644.37	Committed	ODA	Grant	Adaptation	Agriculture	Chad	
Burkina Faso / Africa (South of Sahara) / Project of 40 sheep fattening in favor of 20 handicapped the village of Nimpoui	5,060.00	5,612.87	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Tanzania / Africa (South of Sahara) / Supporting Udzungwa Mountains National Park communities	5,000.00	5,546.31	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	
Peru / America (South America) / Milk source of Ilife	5,000.00	5,546.31	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	
Burkina Faso / Africa (South of Sahara) / Training in innovative gardening techniques	4,998.00	5,544.09	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / Support of the Pig Production run by the women group Ratnere	4,947.90	5,488.52	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Colombia / America (South America) / Implementation of family gardens and training in agro-ecological production	4,899.20	5,434.50	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	
Vietnam / Asia (Far East Asia) / PRO. SOS. ? Produzione sostenibile di piante medicinali, Distretto di Son Dong, Vietnam	4,878.62	5,411.67	Committed	ODA	Grant	Mitigation	Agriculture	Vietnam	
Burkina Faso / Africa (South of Sahara) / Breeding local chickens	4,869.00	5,401.00	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	

Nicaragua / America (North & Central America) / Creole seeds enhancement in Comalapa town hall community - Departamento de Chontales	4,867.20	5,399.00	Committed	ODA	Grant	Mitigation	Agriculture	Nicaragua	
Mozambique / Africa (South of Sahara) / Promotion of small-scale fishing river in the districts of Mopeia and Morrumbala-Mozambique	12,162.74	13,491.67	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Mozambique	
Nicaragua / America (North & Central America) / Construction of a drinking water well in the rural community La Ceiba - Parroquia Sagrada Familia - Santa Cruz - Esteli	4,852.80	5,383.03	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nicaragua	
Burkina Faso / Africa (South of Sahara) / Jatropha Curc as project	4,846.00	5,375.49	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Burkina Faso	
Honduras / America (North & Central America) / Ecological cultivation in Macro Tuneles - Educational Center Marie Poussepin - City Hall Guaimaca - Francisco Morazan	4,830.80	5,358.62	Committed	ODA	Grant	Mitigation	Agriculture	Honduras	
Congo, Dem. Rep. / Africa (South of Sahara) / Light and electricity for the hospital "Saint Josephine Bakhita" in Ariwara, Eastern Province	4,800.00	5,324.46	Committed	ODA	Grant	Mitigation	Other (Health General)	Democratic Republic of the Congo	
Brazil / America (South America) / Implementation of eight farms in the Liberdade settlements, Dom Fernando, Sao Bento and Dom Tomas Balduino - Golas	4,798.00	5,322.24	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	
West Bank & Gaza Strip / Asia (Middle East Asia) / ELECTRIC SECTOR INVESTMENT AND MANAGEMENT PROGRAMME - EXPERT FUND	11,963.55	13,270.72	Committed	ODA	Grant	Mitigation	Energy	Other (West Bank and Gaza)	
Chad / Africa (South of Sahara) / Three parks of fruit trees	4,767.20	5,288.08	Committed	ODA	Grant	Mitigation	Agriculture	Chad	
Cameroon / Africa (South of Sahara) / strengthening self-management abilities and local development. Social security charges and insurance for volunteers	4,679.76	5,191.08	Committed	ODA	Grant	Adaptation	Water and Sanitation	Cameroon	
Burkina Faso / Africa (South of Sahara) / A pit for Souka	11,586.13	12,852.06	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / A pit for Tanzincè	11,586.13	12,852.06	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	

Nepal / Asia (South & Central Asia) / The fruits of the garden: the "home gardens" for sustainable agriculture in Nepal and Lombardy	4,607.60	5,111.04	Committed	ODA	Grant	Mitigation	Agriculture	Nepal	
Mozambique / Africa (South of Sahara) / PROSIGRU-Strengthening of Integrated Management System of Urban Waste Project. Social security charges and insurance for volunteers	4,581.57	5,082.16	Committed	ODA	Grant	Mitigation	Water and Sanitation	Mozambique	
Mali / Africa (South of Sahara) / Well equipped with a pump for the center of Kayes	4,521.60	5,015.64	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Mali	
Haiti / America (North & Central America) / Bottom-up actions for Water access and Health	4,511.20	5,004.10	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Haiti	
Congo, Dem. Rep. / Africa (South of Sahara) / Increasing the availability of food on the Kinshasa market through the production support in Bateke plateau, Phase II	4,506.80	4,999.22	Committed	ODA	Grant	Mitigation	Agriculture	Democratic Republic of the Congo	
Burkina Faso / Africa (South of Sahara) / Reforestation and technical training of young people in environmental protection	4,447.20	4,933.11	Committed	ODA	Grant	Mitigation	Forestry	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / Agricultural, forestry and sheep-farming Integrated Project	4,432.00	4,916.25	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / Construction of a well	4,408.80	4,890.52	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / Desertification struggle and reinforcement of food requirement in the district of boulikemde burkina faso	4,376.73	4,854.94	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Senegal / Africa (South of Sahara) / Access to water and sanitation for the rural community of Niamone. Social security charges and insurance for volunteers	4,359.99	4,836.37	Committed	ODA	Grant	Mitigation	Water and Sanitation	Senegal	
Ethiopia / Africa (South of Sahara) / SIT management for rural aqueducts	10,800.00	11,980.03	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	

Cote d'Ivoire / Africa (South of Sahara) / Construction, equipment and management of a medical centre	4,308.00	4,778.70	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Côte d'Ivoire	The medical centre of 1.500 sm for a rural and poor population of about 30.000 inhabitants includes first aid, maternity ward, pediatrics, general and specialist medicine, hospitalization, pharmacy, ambulance, training courses for women of hygiene, food security, nutrition, prevention. Free open days to prevent hypertension, diabetes. ocular and dermatologic diseases.
Ecuador / America (South America) / AGRICULTURAL DEVELOPMENT AND SUPPORT OF WOMEN AND NATIVE POPULATION IN SUCOMBIOS. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUN	4,305.07	4,775.45	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	
Tunisia / Africa (North of Sahara) / INTEGRATED PROGRAM FOR VALORIZATION OF SOUTH AND SAHARA TUNISIAN REGIONS - Expert fund	4,245.20	4,709.04	Committed	ODA	Grant	Adaptation	Agriculture	Tunisia	
Tanzania / Africa (South of Sahara) / FEEDING KILOLO: Strengthening of the agricultural sector to reduce food security and foster sustainable development in the District of Kilolo	4,233.00	4,695.51	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	
Uganda / Africa (South of Sahara) / Project for Solar Power	4,200.00	4,658.90	Committed	ODA	Grant	Mitigation	Energy	Uganda	
Burkina Faso / Africa (South of Sahara) / Materials and equipment for the processing of food products for women's associations	4,187.00	4,644.48	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / Rehabilitation of five wells in the diocese of Kaya	4,176.80	4,633.17	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Kenya / Africa (South of Sahara) / Building our Future	4,019.60	4,458.79	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Kenya	
Developing countries, unspecified / / PhD course in "Appropriate Methods and Technologies for International Development Co-operation"	4,005.20	4,442.82	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	



Congo, Dem. Rep. / Africa (South of Sahara) / Pilot project for the adaptation of familiar agriculture to climate change through agroecology in Buzi-Bulenga Peninsula	4,000.00	4,437.05	Committed	ODA	Grant	Adaptation	Agriculture	Democratic Republic of the Congo	
Haiti / America (North & Central America) / MIRNHA	4,000.00	4,437.05	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Haiti	
Developing countries, unspecified / / Trainees at the Research and Documentation Centre in Technology Architecture and Cities in Development Countries (CRD-PVS)	4,000.00	4,437.05	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	
Benin / Africa (South of Sahara) / GoBenin - Implementation of national water policies in the Commune of Abomey-Calavy	4,000.00	4,437.05	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Benin	
Tanzania / Africa (South of Sahara) / Salt from Rift Valley	4,000.00	4,437.05	Committed	ODA	Grant	Mitigation	Agriculture	Tanzania	
Tunisia / Africa (North of Sahara) / Promoting fair trade and small civil society organizations	4,000.00	4,437.05	Committed	ODA	Grant	Mitigation	Other (Business and other services)	Tunisia	
Mexico / America (North & Central America) / Reducing damages from mining activities	4,000.00	4,437.05	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Mexico	
South America, regional / America (South America) / Right to water access	4,000.00	4,437.05	Committed	ODA	Grant	Mitigation	Water and Sanitation	Latin America and the Caribbean	
Africa, regional / Africa / Construction of two warehouses	4,000.00	4,437.05	Committed	ODA	Grant	Cross-cutting	Agriculture	Africa	
Guatemala / America (North & Central America) / Academic and household back gardens: diffusion of agroecology in communities Maya Kiché di Totonicapán	1,600.00	1,774.82	Committed	ODA	Grant	Mitigation	Agriculture	Guatemala	
Brazil / America (South America) / Water for everybody	10,000.00	11,092.62	Committed	ODA	Grant	Adaptation	Water and Sanitation	Brazil	
Burkina Faso / Africa (South of Sahara) / Well for high school St. Luc de Nafona	3,868.80	4,291.51	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
South Sudan / Africa (South of Sahara) / Agricultural and social development in rural areas of 3 Counties of the Lakes State, South Sudan - Phase II - SOCIAL SECURITY CHAR	3,854.99	4,276.19	Committed	ODA	Grant	Adaptation	Agriculture	Other (South Sudan)	
Senegal / Africa (South of Sahara) / Agricultural	3,812.75	4,229.34	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	

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Senegal / Africa (South of Sahara) / support of small scale rural activities in the valley of the river Senegal	3,792.38	4,206.74	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	
Ghana / Africa (South of Sahara) / Development and sustainable management of the mole national park and fringe communities. social security charges and insurance for	3,753.87	4,164.02	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Ghana	
Somalia / Africa (South of Sahara) / Purchase of materials for the repair of water wells in the city of Mogadishu	3,691.65	4,095.01	Committed	ODA	Grant	Mitigation	Water and Sanitation	Somalia	
Cuba / America (North & Central America) / Enhancement of the integral urban and suburban farming program in its main components	3,686.88	4,089.71	Committed	ODA	Grant	Mitigation	Agriculture	Cuba	
Cuba / America (North & Central America) / Expert fund for projects formulation and monitoring in Cuba	3,681.89	4,084.18	Committed	ODA	Grant	Cross-cutting	Agriculture	Cuba	
Chad / Africa (South of Sahara) / Support to farmers	3,655.60	4,055.02	Committed	ODA	Grant	Adaptation	Agriculture	Chad	
Ethiopia / Africa (South of Sahara) / Promote rural development and food security in the regions and SNNPRS Oromya, Ethiopia (PSRSA)	3,647.20	4,045.70	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	
Vietnam / Asia (Far East Asia) / Water supply and training for the people of Thang Cuong	9,100.39	10,094.72	Committed	ODA	Grant	Adaptation	Water and Sanitation	Vietnam	
Kenya / Africa (South of Sahara) / enhancement basic drinking water supply and basic sanitation for the population of Karungu district.	9,082.55	10,074.93	Committed	ODA	Grant	Adaptation	Water and Sanitation	Kenya	
Somalia / Africa (South of Sahara) / Purchase of tanks for the storage of drinking water	9,081.34	10,073.59	Committed	ODA	Grant	Adaptation	Water and Sanitation	Somalia	
Lebanon / Asia (Middle East Asia) / Training and Education in Agricultural Technical Schools in Lebanon FEAST	3,604.26	3,998.07	Committed	ODA	Grant	Cross-cutting	Agriculture	Lebanon	
Lebanon / Asia (Middle East Asia) / Supply and installation of 9 solar street lights	3,599.10	3,992.35	Committed	ODA	Grant	Mitigation	Energy	Lebanon	
Burkina Faso / Africa (South of Sahara) / Construction of a multipurpose garden	3,592.40	3,984.91	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	

Burkina Faso / Africa (South of Sahara) / Construction of a well	3,567.20	3,956.96	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Senegal / Africa (South of Sahara) / SEA - The look of women in rural Senegal: health, education, environmental.	3,559.00	3,947.86	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Senegal / Africa (South of Sahara) / Eco-environmental project in schools	3,534.40	3,920.58	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Senegal	
Senegal / Africa (South of Sahara) / Eco-environmental project in schools	3,526.80	3,912.15	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Senegal	
Senegal / Africa (South of Sahara) / Ecology recovery in Diaglé Ngor	3,525.60	3,910.82	Committed	ODA	Grant	Mitigation	Other (Environmental education/training)	Senegal	
Turkey / Europe / Marine ecosystem modelling	3,520.00	3,904.60	Committed	ODA	Grant	Cross-cutting	Other (Environmental Research)	Turkey	
Burkina Faso / Africa (South of Sahara) / Well at Kountioro	3,517.60	3,901.94	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Kenya / Africa (South of Sahara) / Matunda Sabaki	3,500.00	3,882.42	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	
Senegal / Africa (South of Sahara) / Horticulture and forestry	3,452.40	3,829.62	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	
Burkina Faso / Africa (South of Sahara) / Tree planting area and promotion of environmental education in the rural community of Baskouré	3,438.80	3,814.53	Committed	ODA	Grant	Mitigation	Forestry	Burkina Faso	
Bolivia / America (South America) / Triangles in the Water	3,430.00	3,804.77	Committed	ODA	Grant	Adaptation	Water and Sanitation	Bolivia	
Mozambique / Africa (South of Sahara) / Fund to formulate the trilateral technical cooperation project - expert fund	3,429.07	3,803.74	Committed	ODA	Grant	Mitigation	Other (Urban development and management)	Mozambique	
Guinea-Bissau / Africa (South of Sahara) / Orchard recovery and environmental protection in the Bambaran halfway house	3,420.80	3,794.56	Committed	ODA	Grant	Adaptation	Agriculture	Guinea-Bissau	
Burkina Faso / Africa (South of Sahara) / Realization of 45 biodigesters in favor of 45 women of the diocese of Nouna	3,418.40	3,791.90	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Burkina Faso	
Uruguay / America (South America) / Cultural agreement between UNIFI and Universidad de la Republica Montevideo	1,360.00	1,508.60	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Uruguay	
Senegal / Africa (South of Sahara) / 3S FOR	3,399.20	3,770.60	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Senegal	

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Burkina Faso / Africa (South of Sahara) / Honey production chain	3,314.80	3,676.98	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Chad / Africa (South of Sahara) / Reforestation and environmental education	3,296.00	3,656.13	Committed	ODA	Grant	Mitigation	Forestry	Chad	
Peru / America (South America) / RENEWABLE ENERGIES IN APURIMAC - INSURANCE AND SOCIAL CHARGES. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	3,274.97	3,632.80	Committed	ODA	Grant	Mitigation	Agriculture	Peru	
Burkina Faso / Africa (South of Sahara) / Vegetables producers support	3,243.60	3,598.00	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
El Salvador / America (North & Central America) / FISHERMEN ASSOCIATIONISM AND ECONOMY IN COASTAL COMMUNITIES IN CERRON GRANDE BASSIN. SOCIAL SECURITY CHARGES AND INSURANCE FOR VO	3,240.81	3,594.91	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	El Salvador	
Peru / America (South America) / Introduction of alternative crops of flowers - Community Union San José - Huancarama - Province Andahuaylas - Apurimac	3,225.60	3,578.04	Committed	ODA	Grant	Adaptation	Agriculture	Peru	
Brazil / America (South America) / ADOPTS THE HOPE	3,217.20	3,568.72	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Brazil	
Ecuador / America (South America) / Installation of water tanks for the families of the community The Sequita - Canton Montecristi - Manabi	3,194.00	3,542.98	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ecuador	
Ecuador / America (South America) / Supplied drinking water through filters "bioarena" in Tierras Negras community - Camino Nuevo - Cerrito de la Asuncion, Canton Santa Ana - Manabi	3,192.40	3,541.21	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ecuador	
Ecuador / America (South America) / Meetings to develop relations between UNIFE UPS and UEA University	3,165.17	3,511.00	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Ecuador	
Senegal / Africa (South of Sahara) / Sustainable development and fair employment in the fishing sector in Ziguinchor	1,246.69	1,382.91	Committed	ODA	Grant	Adaptation	Other (Fishing)	Senegal	

Guinea-Bissau / Africa (South of Sahara) / Training on cashew plantation	3,033.00	3,364.39	Committed	ODA	Grant	Cross-cutting	Agriculture	Guinea-Bissau	
Guinea-Bissau / Africa (South of Sahara) / Vegetable gardens in nutritional recovery centers	3,024.40	3,354.85	Committed	ODA	Grant	Adaptation	Agriculture	Guinea-Bissau	
Nicaragua / America (North & Central America) / Construction of a well for drinking water - La Esperanza Community in Rio Coco	3,023.20	3,353.52	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nicaragua	
Burkina Faso / Africa (South of Sahara) / Cereal marketing	3,010.00	3,338.88	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Nepal / Asia (South & Central Asia) / Intervention for the realization of a water facility for the new settlement of 30 housing in favor of stonebreaker families	7,441.00	8,254.02	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nepal	
Ethiopia / Africa (South of Sahara) / Amhara Trachoma Control Program. Social security charges and insurance for volunteers	2,950.03	3,272.36	Committed	ODA	Grant	Mitigation	Other (Health General)	Ethiopia	
Developing countries, unspecified / / Interschool course on development cooperation	7,064.00	7,835.83	Committed	ODA	Grant	Adaptation	Water and Sanitation	Other (Developing countries)	
Burkina Faso / Africa (South of Sahara) / Plant protection officials for the environment degradation reduction strategy	2,804.00	3,110.37	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Peru / America (South America) / The forest fair km	2,800.00	3,105.93	Committed	ODA	Grant	Mitigation	Agriculture	Peru	
Mozambique / Africa (South of Sahara) / Food security and economic development for coastal communities of the Quirimbas National Park	7,000.00	7,764.84	Committed	ODA	Grant	Mitigation	Other (Fishing)	Mozambique	
Togo / Africa (South of Sahara) / Construction of three potable water wells in Togo	7,000.00	7,764.84	Committed	ODA	Grant	Mitigation	Water and Sanitation	Togo	
India / Asia (South & Central Asia) / Building toilets	7,000.00	7,764.84	Committed	ODA	Grant	Adaptation	Water and Sanitation	India	
Niger / Africa (South of Sahara) / Environment protection	6,985.00	7,748.20	Committed	ODA	Grant	Mitigation	Forestry	Niger	
Myanmar / Asia (South & Central Asia) / SESAMUM. Sustainable Economic Development of Agriculture in Magway. SOCIAL SECURITY	2,790.43	3,095.32	Committed	ODA	Grant	Mitigation	Agriculture	Myanmar	

AND INSURANCE CHARGES									
Nicaragua / America (North & Central America) / Construction of a well for drinking water	2,702.80	2,998.11	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nicaragua	
Ghana / Africa (South of Sahara) / SODIS	2,640.00	2,928.45	Committed	ODA	Grant	Mitigation	Water and Sanitation	Ghana	
Togo / Africa (South of Sahara) / Drilling wells	6,600.00	7,321.13	Committed	ODA	Grant	Adaptation	Water and Sanitation	Togo	
Cuba / America (North & Central America) / VIA LACTEA: Strengthening the milk value chain in four provinces of Cuba	2,629.20	2,916.47	Committed	ODA	Grant	Cross-cutting	Agriculture	Cuba	
Guinea-Bissau / Africa (South of Sahara) / Community gardens and nurseries	2,624.00	2,910.70	Committed	ODA	Grant	Adaptation	Agriculture	Guinea-Bissau	
Burkina Faso / Africa (South of Sahara) / Installation of a bank of cereals	2,591.00	2,874.10	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Bolivia / America (South America) / Family greenhouse construction to increase food safety through the consumption of vegetables and the commercialization of surplus	2,575.17	2,856.54	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	
Burkina Faso / Africa (South of Sahara) / Development of gardening for the profit of three groups of women	2,550.40	2,829.06	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Mozambique / Africa (South of Sahara) / Familiar agriculture in the district of Nacala (Nampula Province) and Artemisia cultivation. Social security charges and insurance	2,532.13	2,808.80	Committed	ODA	Grant	Adaptation	Agriculture	Mozambique	
Colombia / America (South America) / Restoring the aqueduct link in Remolino	6,300.00	6,988.35	Committed	ODA	Grant	Adaptation	Water and Sanitation	Colombia	
Congo, Dem. Rep. / Africa (South of Sahara) / Pilot project for the adaptation of familiar agriculture to climate change through agroecology in Buzi-Bulenga Peninsula	2,500.00	2,773.16	Committed	ODA	Grant	Adaptation	Agriculture	Democratic Republic of the Congo	
Guinea-Bissau / Africa (South of Sahara) / Small rice paddies recovery	2,500.00	2,773.16	Committed	ODA	Grant	Adaptation	Agriculture	Guinea-Bissau	
Burkina Faso / Africa (South of Sahara) / Green Arrow	2,478.77	2,749.61	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	

Peru / America (South America) / Tsiroti peace. Inclusive and intercultural communication for peace and development in VRAEM (Valley of the rivers of Apurimac, Ene and Mantaro)	2,436.48	2,702.70	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Peru	
Cote d'Ivoire / Africa (South of Sahara) / Farm project	2,400.00	2,662.23	Committed	ODA	Grant	Adaptation	Other (Education Secondary)	Côte d'Ivoire	
Albania / Europe / Early Intervention Center Tirana	2,400.00	2,662.23	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Albania	
Kenya / Africa (South of Sahara) / Enhancement of food chains and of renewable energy sources development in the county of Tharaka-Nithi ? Kenya	2,353.62	2,610.78	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Senegal / Africa (South of Sahara) / A PHOTOVOLTAIC POWER STATION AT THE LIMAMOULAYE SECONDARY HIGH SCHOOL (SENEGAL). SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTE	2,335.52	2,590.70	Committed	ODA	Grant	Mitigation	Energy	Senegal	
Indonesia / Asia (Far East Asia) / Construction of a well at the Social Centre "St. Camillus" at Maumere on the island Flores	5,820.30	6,456.24	Committed	ODA	Grant	Adaptation	Water and Sanitation	Indonesia	
Tunisia / Africa (North of Sahara) / Fighting poverty through the enhancement of the sheep breeding sector in the Governorate of Tataouine.	2,307.70	2,559.84	Committed	ODA	Grant	Cross-cutting	Agriculture	Tunisia	
Senegal / Africa (South of Sahara) / International cooperation	2,248.80	2,494.51	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Senegal	
Former Yugoslav Republic of Macedonia (FYROM) / Europe / Environmental protection of Radika River basin additional funding. Experts fund	2,236.39	2,480.75	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	The former Yugoslav Republic of Macedonia	
China / Asia (Far East Asia) / Modelling thermohaline properties and circulation in Mediterranean and Black sea	2,200.00	2,440.38	Committed	ODA	Grant	Mitigation	Other (Environmental Research)	China	
Somalia / Africa (South of Sahara) / Construction of solar desalinators, water system for canteens and awareness campaign on hygiene and serious salt water problem	5,451.00	6,046.59	Committed	ODA	Grant	Adaptation	Water and Sanitation	Somalia	

Burkina Faso / Africa (South of Sahara) / New cultivation of legumes	2,166.80	2,403.55	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Mozambique / Africa (South of Sahara) / Improve the living with the work - insurance and social charges. social security charges and insurance for volunteers	2,048.52	2,272.35	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
Developing countries, unspecified / / Fair World	2,016.00	2,236.27	Committed	ODA	Grant	Mitigation	Agriculture	Other (Developing countries)	
Burkina Faso / Africa (South of Sahara) / A Mill for Kario	5,026.00	5,575.15	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Benin / Africa (South of Sahara) / Women social enterprise for educational training on local food value chains valorization	2,000.00	2,218.52	Committed	ODA	Grant	Cross-cutting	Agriculture	Benin	
Developing countries, unspecified / / Summer School 2015	2,000.00	2,218.52	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	
Bolivia / America (South America) / Fondo Esperti Food assistance to vulnerable people in the departments of Pando, Chuquisaca e Tarija	2,000.00	2,218.52	Committed	ODA	Grant	Mitigation	Agriculture	Bolivia	
Syria / Asia (Middle East Asia) / Syria emergency: aid to vulnerable children and women	2,000.00	2,218.52	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Syrian Arab Republic	
Madagascar / Africa (South of Sahara) / Sekoly Sunrises Leo Amici Free Daily Canteen	2,000.00	2,218.52	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Madagascar	
Vietnam / Asia (Far East Asia) / Computational Intelligence Methods for Biomedical ICT in Neurological Diseases	2,000.00	2,218.52	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Vietnam	
West Bank & Gaza Strip / Asia (Middle East Asia) / Rehabilitation of the Commercial Area of the Old City in Bethlehem	2,000.00	2,218.52	Committed	ODA	Grant	Mitigation	Other (Urban development and management)	Other (West Bank and Gaza)	
Senegal / Africa (South of Sahara) / Sustainable Agriculture and Biodiversity: Rice and Gardens Family, practices of co-development	1,993.60	2,211.43	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	
Guinea-Bissau / Africa (South of Sahara) / Mangrove: improvement of the rice growing from mangrove and promotion of the mangrove	1,993.47	2,211.28	Committed	ODA	Grant	Mitigation	Agriculture	Guinea-Bissau	



trees in the region of Cacheu, Oio, Tiombali									
Burkina Faso / Africa (South of Sahara) / Transforming women's groups of local products to the new multifunctional platform	1,981.60	2,198.11	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Niger / Africa (South of Sahara) / Environmental protection	4,850.00	5,379.92	Committed	ODA	Grant	Mitigation	Forestry	Niger	
Niger / Africa (South of Sahara) / Réseau d'Appui. Food security and cooperative development	1,876.74	2,081.80	Committed	ODA	Grant	Adaptation	Agriculture	Niger	
Peru / America (South America) / Water for Mollebamba	4,520.00	5,013.87	Committed	ODA	Grant	Adaptation	Water and Sanitation	Peru	
Uganda / Africa (South of Sahara) / Water well in Karamoja	1,800.00	1,996.67	Committed	ODA	Grant	Mitigation	Water and Sanitation	Uganda	
Senegal / Africa (South of Sahara) / PANA-C: Agricultural Production and Nutrition Appropriate in Casamance, Department of Bignona - Senegal	1,800.00	1,996.67	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
Burkina Faso / Africa (South of Sahara) / Women and inclusive rural development as a means of achieving food security in Burkina Faso	1,767.81	1,960.97	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
El Salvador / America (North & Central America) / Access to water and to health and hygiene services: women empowerment and social inclusion in the microregion of Morazan Norte.	1,767.81	1,960.97	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	El Salvador	
Ecuador / America (South America) / Economic empowerment and participation of women in the integrated production chain of fine aromatic cocoa	1,630.62	1,808.79	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	
Uganda / Africa (South of Sahara) / UGANDA PROJECT	1,628.80	1,806.77	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Uganda	
West Bank & Gaza Strip / Asia (Middle East Asia) / Technical Cooperation	1,612.92	1,789.15	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	
Sierra Leone / Africa (South of Sahara) / The Support to Women empowerment in Sierra Leone by cashew transformation and marketing	1,600.00	1,774.82	Committed	ODA	Grant	Adaptation	Agriculture	Sierra	

processes									
Kenya / Africa (South of Sahara) / FARM GATUNGA PROJECT 2015	1,600.00	1,774.82	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	
Burkina Faso / Africa (South of Sahara) / Reforestation project and training of young people in environmental protection techniques	1,588.40	1,761.95	Committed	ODA	Grant	Mitigation	Forestry	Burkina Faso	
Guatemala / America (North & Central America) / Respecting biodiversity and local culture	1,500.00	1,663.89	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Guatemala	
Burkina Faso / Africa (South of Sahara) / Sesame production	1,498.40	1,662.12	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
Kosovo / Europe / Repair of a road and a bridge with laying of concrete pipes to drain rainwater, filling material stabilizing and leveling	1,497.50	1,661.12	Committed	ODA	Grant	Adaptation	Transport	Other (Kosovo)	
America, regional / America / Capacity Building for Advocacy in Public Policy to three Producers' Organizations that promote Organic Production and Agroecology	1,463.60	1,623.52	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (North and Central America)	
Ethiopia / Africa (South of Sahara) / Agrobiodiversity	1,455.73	1,614.79	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	
Senegal / Africa (South of Sahara) / MICROGARDENS MILAN-DAKAR - Let's grow a safe and productiv city	1,440.00	1,597.34	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	
South Sudan / Africa (South of Sahara) / Promoting the development of agriculture in the state of western bahr el ghazal in south sudan	1,426.00	1,581.81	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (South Sudan)	
Congo, Dem. Rep. / Africa (South of Sahara) / Distance financial support	1,414.00	1,568.50	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Democratic Republic of the Congo	
Tunisia / Africa (North of Sahara) / CONSTRUCTION OF CONTROLLED DUMPS IN MAHDIA, TOZEUR AND ZAGHOUAN GOVERNATORATE - EXPERT FUND	1,410.80	1,564.95	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Tunisia	
Africa, regional / Africa / Purchase and installation of a photovoltaic system to provide electricity to the Centre "Home based care for	1,400.00	1,552.97	Committed	ODA	Grant	Mitigation	Energy	Africa	

HIV-AIDS"									
Iraq / Asia (Middle East Asia) / Cultural agreement between UNIFI and Dhi Qar University	1,400.00	1,552.97	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Iraq	
Burkina Faso / Africa (South of Sahara) / Plant the future. The knowledge for the food security.	1,373.64	1,523.73	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Italian Contribution to the Agricultural growth Program (AGP)	1,370.50	1,520.24	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	
Senegal / Africa (South of Sahara) / Environmental education courses in "Limamoulaye" School	1,280.00	1,419.86	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/training)	Senegal	
Ecuador / America (South America) / COOP report: sharing of sovereignty between processes the Ecuador and Italy	1,280.00	1,419.86	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	
Bolivia / America (South America) / TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE - EXPERT FUND	1,272.53	1,411.57	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Bolivia	
Senegal / Africa (South of Sahara) / Cleansing of two villages of Tattaguine	1,267.20	1,405.66	Committed	ODA	Grant	Adaptation	Water and Sanitation	Senegal	
Burkina Faso / Africa (South of Sahara) / Generating activities of the women's group income Delwindé	1,219.20	1,352.41	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / Training in reforestation techniques and maintenance of plants for the benefit of 30 less litterated girls of Nahouri	1,210.00	1,342.21	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Cote d'Ivoire / Africa (South of Sahara) / Renovation of the multipurpose hall St Laurent	1,205.60	1,337.33	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Côte d'Ivoire	
Ethiopia / Africa (South of Sahara) / Cultural agreement between UNIFI and Mekelle University	1,200.00	1,331.11	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Ethiopia	
Philippines / Asia (Far East Asia) / Health, hygiene and prevention trainings	1,200.00	1,331.11	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Philippines	

Developing countries, unspecified / / Natural Resources, Agricultural Development, Food Security International Research Network (NAF-IRN)	1,200.00	1,331.11	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (Developing countries)	
Congo, Dem. Rep. / Africa (South of Sahara) / Women and civil society for children redeem in DR Congo	1,200.00	1,331.11	Committed	ODA	Grant	Adaptation	Cross-cutting	Democratic Republic of the Congo	
Bolivia / America (South America) / Health project to cure the hare lip	2,910.00	3,227.95	Committed	ODA	Grant	Adaptation	Water and Sanitation	Bolivia	
Burundi / Africa (South of Sahara) / BURUNDI RURAL SOLAR: Solar energy for rural development and nutrition in Burundi	1,160.00	1,286.74	Committed	ODA	Grant	Mitigation	Energy	Burundi	
Burkina Faso / Africa (South of Sahara) / Fattening unit of pigs	1,082.00	1,200.22	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Niger / Africa (South of Sahara) / Yield Productivity Improvement of small rural farmers	1,045.31	1,159.52	Committed	ODA	Grant	Cross-cutting	Agriculture	Niger	
Uganda / Africa (South of Sahara) / Agro Ecology , Entrepreneurship and Social Development (AISS)	1,017.39	1,128.55	Committed	ODA	Grant	Adaptation	Agriculture	Uganda	
Cuba / America (North & Central America) / Joining the project called improving quality of care for children patients room of pediatric hospital of joel benitez cautious christ	1,000.00	1,109.26	Committed	ODA	Grant	Adaptation	Other (Population policies)	Cuba	
Congo, Dem. Rep. / Africa (South of Sahara) / Sustainable frequencies in the East of the DRC	1,000.00	1,109.26	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Democratic Republic of the Congo	
Tanzania / Africa (South of Sahara) / Tanzania: Sanganigwa	1,000.00	1,109.26	Committed	ODA	Grant	Mitigation	Energy	Tanzania	
Burkina Faso / Africa (South of Sahara) / ENNDAM Project 2015	1,000.00	1,109.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / ENNDAM Project 2015	1,000.00	1,109.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Tunisia / Africa (North of Sahara) / joining the project called "investir dans le capital humain"	2,500.00	2,773.16	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tunisia	
Honduras / America (North & Central America) / IRRIGATION INFRASTRUCTURES IN THE NACAOE AREA. Expert fund	966.54	1,072.15	Committed	ODA	Grant	Cross-cutting	Agriculture	Honduras	

Senegal / Africa (South of Sahara) / WOMEN, FISHING AND RIGHTS IN SENEGAL: ECONOMICAL REINFORCEMENT OF LOCAL UNIONS OF FENAGIE PECHE. SOCIAL SECURITY CHARGES AND INSUR	958.72	1,063.47	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Senegal	
Belarus / Europe / PhD Scholarship	908.80	1,008.10	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Belarus	
Serbia / Europe / PhD Scholarship	908.80	1,008.10	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Serbia	
India / Asia (South & Central Asia) / PhD Scholarship	908.80	1,008.10	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
India / Asia (South & Central Asia) / PhD Scholarship	908.80	1,008.10	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	
Belarus / Europe / Cultural agreement between UNIFI and Maksim Tank University, Minsk	880.00	976.15	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Belarus	
Ecuador / America (South America) / Sharing processes of food sovereignty	850.00	942.87	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	
Burkina Faso / Africa (South of Sahara) / Construction of a well in Falagountou	837.48	928.99	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Agrobiodiversity	826.58	916.89	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	
States Ex-Yugoslavia unspecified / Europe / Agrobiodiversity	826.58	916.89	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Eastern Europe	
Vietnam / Asia (Far East Asia) / Agrobiodiversity	826.58	916.89	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Vietnam	
Bolivia / America (South America) / INTEGRATED REGIONAL SYSTEM FOR PROTECTED AREAS, NATIVE AND FOREST TERRITORIES IN THE BOLIVIAN AMAZONIA - SOCIAL CHARGES & INSURANC	805.88	893.94	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Bolivia	
Mozambique / Africa (South of Sahara) / Food security and energetic autonomy: strengthening the chain of peri-urban family farming in Mozambique and Brazil	800.00	887.41	Committed	ODA	Grant	Adaptation	Agriculture	Mozambique	
Chad / Africa (South of Sahara) / Water, key resource for a peaceful coexistence and driving force of the economic development	2,000.00	2,218.52	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Chad	

Lebanon / Asia (Middle East Asia) / purchase of veterinary medicines for VET CARE activities	800.00	887.41	Committed	ODA	Grant	Cross-cutting	Agriculture	Lebanon	
Middle East, regional / Asia (Middle East Asia) / TEMPUS PROGREN - Joint/Dual Professional Graduate Diploma and Professional Degree in Green Technologies	800.00	887.41	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Middle East and North Africa	
Albania / Europe / Cultural agreement between UNIFI and Università Luigi Gurakuqi, Scutari	800.00	887.41	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Albania	
Ethiopia / Africa (South of Sahara) / Ethnobotanical investigation within the framework of an agreement of cultural and scientific cooperation between UNIFI and Mekelle University (1)	800.00	887.41	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Ethiopia	
Senegal / Africa (South of Sahara) / Home sweet home	800.00	887.41	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Senegal	
Myanmar / Asia (South & Central Asia) / DGCS for a rural development initiative to be funded through soft loan facility. Expert fund	763.01	846.38	Committed	ODA	Grant	Cross-cutting	Agriculture	Myanmar	
Kenya / Africa (South of Sahara) / Renewable energies development initiative - Geothermal energy	754.86	837.33	Committed	ODA	Grant	Mitigation	Energy	Kenya	
Mali / Africa (South of Sahara) / Improve incomes and food security by increasing potato production in the region of Sikasso. social security charges and insurance	738.00	818.64	Committed	ODA	Grant	Cross-cutting	Agriculture	Mali	
Haiti / America (North & Central America) / BUILDING A SOLIDARITY FILIERA FOR SMALL COFFEE PRODUCERS IN THE SOUTH OF HAITI. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTE	671.71	745.10	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Haiti	
Guinea / Africa (South of Sahara) / Increasing the resilience of small producers of rice, vegetables and yam in Upper Guinea	631.90	700.95	Committed	ODA	Grant	Mitigation	Agriculture	Guinea	
China / Asia (Far East Asia) / SINOITALIAN ENVIRONMENTAL PROGRAMME - EXPERT FUND	600.27	665.85	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	China	

China / Asia (Far East Asia) / Cultural agreement between UNIFI and Wuhan Institute of Hydrobiology - Chinese Academy of Sciences	1,500.00	1,663.89	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	China	
Congo, Dem. Rep. / Africa (South of Sahara) / Radio Nepoko	600.00	665.56	Committed	ODA	Grant	Mitigation	Other (Communications)	Democratic Republic of the Congo	
Egypt / Africa (North of Sahara) / Cultural agreement between UNIFI and Cairo University	600.00	665.56	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Egypt	
Brazil / America (South America) / Cultural agreement between UNIFI and Universidade Federal do Rio Grande do Norte	600.00	665.56	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Brazil	
Bolivia / America (South America) / Cultural agreement between UNIFI and Universidad Autónoma Gabriel René Moreno	580.00	643.37	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Bolivia	
Mauritania / Africa (South of Sahara) / Fight against food insecurity in centre-east of Mauritania - expert fund	573.14	635.77	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Mauritania	
Vietnam / Asia (Far East Asia) / Promotion of environment protection in Viet Yen, Yen Dung e Hiep Hoa Districts. Social security charges and insurance for volunteers	559.90	621.07	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Vietnam	
Burkina Faso / Africa (South of Sahara) / ENNDAM Project 2015	500.00	554.63	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Burkina Faso / Africa (South of Sahara) / ENNDAM Project 2015	500.00	554.63	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	
Mexico / America (North & Central America) / Cultural agreement between UNIFI and Universidad Nacional Autónoma de México	480.00	532.45	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Mexico	
Mozambique / Africa (South of Sahara) / Weaving factories of grains and oleaginous plants in the nhamatanda district - sofala prov. social security charges and insurance	457.47	507.45	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	
Cuba / America (North & Central America) / From urban gardens to food sovereignty: a process of education and training	440.00	488.08	Committed	ODA	Grant	Mitigation	Agriculture	Cuba	
Middle East, regional / Asia (Middle East Asia) / Support small producers in rural areas in	432.24	479.47	Committed	ODA	Grant	Cross-cutting	Agriculture	Middle East and North	

Cisgiordan, Palestine								Africa	
Niger / Africa (South of Sahara) / Reseau Exodus. Vocational Training Support for opposing migration. Social security charges and insurance for volunteers	428.69	475.53	Committed	ODA	Grant	Adaptation	Other (Population policies)	Niger	
Albania / Europe / ITALIAN-ALBANIAN SMES DEVELOPMENT PROGRAMME - EXPERT FUND	423.12	469.35	Committed	ODA	Grant	Cross-cutting	Other (Business and other services)	Albania	
Kenya / Africa (South of Sahara) / Support to the Kenya Italy debt conversion agreement - expert fund	411.28	456.22	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Kenya	
Burkina Faso / Africa (South of Sahara) / Improvement of food security and women empowerment in the Province of Boulgou	405.91	450.26	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	
West Bank & Gaza Strip / Asia (Middle East Asia) / Eco-sustainable intervention to enhance agro-pastoral productivity in arid and semi-arid areas of Hebron Governorate "	400.00	443.70	Committed	ODA	Grant	Adaptation	Agriculture	Other (West Bank and Gaza)	
Developing countries, unspecified / / International activities program	400.00	443.70	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	
Developing countries, unspecified / / Awards for the best thesis on development cooperation	400.00	443.70	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	
Colombia / America (South America) / Agricultural development project - AGRICOOP - Colombia. Expert fund	397.00	440.38	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	
West Bank & Gaza Strip / Asia (Middle East Asia) / Start up - Financial instruments to boost employment and income generation in Palestine - Expert fund	389.71	432.29	Committed	ODA	Grant	Cross-cutting	Other (Banking and financial services)	Other (West Bank and Gaza)	
Bolivia / America (South America) / CONSERVATION/MANAGMENT PROGRAMME IN THE FIELDS OF NATURAL/CULTURAL HERITAGE THROUGH IMPLEMENTATION OF TOURISM: COCHABAMBA E POTOSI	363.97	403.74	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Bolivia	



Brazil / America (South America) / SUSTAINABLE DEVELOPMENT IN Brazilian AMAZONIA. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	358.06	397.18	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Brazil	
Serbia / Europe / Phd Course of "Agriculture, food and environmental sciences"	356.40	395.34	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Serbia	
Burkina Faso / Africa (South of Sahara) / Project for dredging, rehabilitation and development of the river basin of Dori. Expert fund	347.06	384.98	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	
Ethiopia / Africa (South of Sahara) / Strengthening the role of women in water, sanitation and community development in SNNPRS - DIASC. Social security charges and insurance for volunteers	344.58	382.23	Committed	ODA	Grant	Mitigation	Water and Sanitation	Ethiopia	
Madagascar / Africa (South of Sahara) / "Green children" Reforestation activity	340.00	377.15	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/training)	Madagascar	
Kenya / Africa (South of Sahara) / Support for the educational, social and economical development of the Nkibune and Kagaene villages, Meru Province, Kenya	320.00	354.96	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Kenya	
Sudan / Africa (South of Sahara) / AGRICULTURAL & SOCIAL DEVELOPMENT IN RURAL AREAS OF THE STATE OF THE LAKES- PHASE I-SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUN	305.04	338.37	Committed	ODA	Grant	Cross-cutting	Agriculture	Sudan	
Sudan / Africa (South of Sahara) / Evaluation activities of the initiatives funded by the DGCS on channel Multilateral. Expert fund	295.62	327.92	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Sudan	
Lebanon / Asia (Middle East Asia) / providing a water pump for the public garden	280.00	310.59	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Lebanon	
Myanmar / Asia (South & Central Asia) / LAND MANAGEMENT AND ECOTOURISM FOR POVERTY REDUCTION OF MYEIK. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	266.32	295.41	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Myanmar	
Namibia / Africa (South of Sahara) / Assistance and cooperation by UNICEF in the realization of the new Faculty of Architecture of the University	243.49	270.10	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Namibia	

of Namibia									
Cuba / America (North & Central America) / DEVELOPMENT OF URBAN AND SUB URBAN AND A MARKETING SYSTEM IN PINAR DEL RIO. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	241.49	267.87	Committed	ODA	Grant	Mitigation	Agriculture	Cuba	
Albania / Europe / ESTABLISHMENT OF CONSORTIA IN THE AGROINDUSTRIAL PRODUCTION CHAIN IN RURAL NORTHERN ALBANIA. SOCIAL SECURITY CHARGES AND INSURANCE	240.95	267.27	Committed	ODA	Grant	Mitigation	Agriculture	Albania	
South of Sahara, regional / Africa (South of Sahara) / emergency for Saharás population	200.00	221.85	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Other (South Sahara)	
Brazil / America (South America) / Socio-medical and agricultural integrated project in the Communities of Agua Boa and Riacho Do Meio.	199.21	220.98	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Brazil	
Brazil / America (South America) / METHODS AND INSTRUMENTS FOR THE POVERTY REDUCTION , HOUSING IMPROVEMENTS AND ADJUSTMENT LAND. SOCIAL SECURITY CHARGES AND INSURANC	188.93	209.57	Committed	ODA	Grant	Mitigation	Other (Urban development and management)	Brazil	
Peru / America (South America) / CUMPUNAMA: Intercultural and productive project in the hydrographic area of Paranapura river. Social security charges and insurance for volunteers	166.56	184.76	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Peru	
Lebanon / Asia (Middle East Asia) / donation of 3 Water tanks (300 lt)	385.00	427.07	Committed	ODA	Grant	Adaptation	Water and Sanitation	Lebanon	
Argentina / America (South America) / KIWICHA-AMARANTH- BIODYNAMIC AGRICULTURE FOR HUMAN AND SOCIAL DEVELOPMENT AS THE ONLY ALTERNATIVE TO FIGHT HUNGER	151.00	167.49	Committed	ODA	Grant	Mitigation	Agriculture	Argentina	
Mali / Africa (South of Sahara) / Aqueduct Kabala - water supply programme financed through soft loan funds. identification and formulation activities - expert fund	149.61	165.95	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Mali	

Bosnia-Herzegovina / Europe / RURALIA: AGRICULTURAL DEVELOPMENT FOR WOMEN IN Bosnia Erzegovina 1ST PHASE. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	123.00	136.44	Committed	ODA	Grant	Cross-cutting	Agriculture	Bosnia and Herzegovina	
Albania / Europe / Rehabilitation of the urban essential services in Tirana and Valona. Fund for technical expertise	117.82	130.69	Committed	ODA	Grant	Mitigation	Water and Sanitation	Albania	
Eritrea / Africa (South of Sahara) / Moringa Oleifera farming and nutritional training	90.10	99.95	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Eritrea	
Bosnia-Herzegovina / Europe / A REBIRTH: BIOLOGICAL AGRICULTURE, SUSTAINABLE TOURISM AND ECONOMIC INCLUSION IN THE UNA VALLEY. SOCIAL SECURITY CHARGES AND INSUR	88.56	98.24	Committed	ODA	Grant	Mitigation	Agriculture	Bosnia and Herzegovina	
Jordan / Asia (Middle East Asia) / Program for implementing the collector and plant effluent treatment plant for refugee camps Talbieh. Expert fund	153.65	170.44	Committed	ODA	Grant	Adaptation	Water and Sanitation	Jordan	
Benin / Africa (South of Sahara) / Production of the Alga Spirulina and provision of nutritional training to the women of Kandi	60.32	66.91	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Benin	
Mali / Africa (South of Sahara) / Water supply enhancement	16.21	17.98	Committed	ODA	Grant	Adaptation	Water and Sanitation	Mali	
Ocean Sanctuary Alliance	256,921.57	284,993.42	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Other (Developing countries)	
Analytical and Administrative Support for development cooperation activities, joint committees and MoUs	9,994,981.43	11,087,056.49	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Other (Developing countries)	
2016									
Total contributions through bilateral, regional and other channels									
Congo DR	67,772.43	74,944.63	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Democratic Republic of the Congo	Contribution to the organization of the Ministerial Meeting of the Less Favored Countries Group held in Kinshasa on 26-28 September 2016,

									in preparation for COP 22 in Marrakech
Coalition of low-lying atoll Nations on Climate Change (CANCC) - PACIFIC RISING	497,984.77	550,685.36	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Asia Pacific	Contribution to the CANCC to support climate change projections and impacts
Ocean Sanctuary Alliance	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Other (Developing countries)	Conference "Marine Protected Areas: an Urgent Imperative"
Peru / America (South America) / Memorandum of Understanding on cooperation in the field of climate change vulnerability, risk assessment, adaptation and mitigation	1,600,000.00	1,769,324.34	Committed	ODA	Grant	Cross-cutting	Energy	Peru	The purpose of the MoU is to combat global climate change and address its effects, to promote clean and efficient energy through joint projects, capacity building, technology transfer and technical assistance.
Congo / Africa (South of Sahara) / participation to the High Level Political Forum on Sustainable Development	11,069.00	12,240.41	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Congo	participation to the High Level Political Forum on Sustainable Development
Congo / Africa (South of Sahara) / participation to the Signing Ceremony on the Paris Agreement on Climate Change	14,302.00	15,815.55	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Congo	participation to the Signing Ceremony on the Paris Agreement on Climate Change
Pacific region / Oceania / Memorandum of Understanding	2,500,000.00	2,764,569.28	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Asia Pacific	Memorandum of Understanding
Ghana, Panama and Papua New Guinea - REDD+ private sector	200,000.00	221,165.54	Committed	ODA	Grant	Mitigation	Other (Environmental Research)	Ghana, Panama, Papua New Guinea	Co-operation to scale up private sector involvement in support of mitigation and adaptation to climate change, including addressing the drivers of deforestation and forest degradation, and enhancement of low carbon sustainable development
Lebanon / Banque du Liban	5,000,000.00	5,529,138.56	Committed	ODA	Grant	Mitigation	Energy	Lebanon	Agreement signed on 12 December 2016 between the Ministry of the Environment and the Protection of the Territory and Sea and the Bank of Lebanon in order to create a financial mechanism to facilitate, through the

									Lebanese trading banking system, an eased financing line for projects in the field of renewable energies and energy saving.
Iraq / Asia (Middle East Asia) / Support to the State action for the preservation and restoration of Iraq's cultural heritage	194,562.00	215,152.05	Committed	ODA	Grant	Adaptation	Other (Site preservation)	Iraq	The initiative aims to providing Iraqi and Kurdish authorities with support for the safeguarding and promotion of cultural Heritage as well as for the assessment of damages caused by Daesh in the currently occupied territories.
Afghanistan / Asia (South & Central Asia) / Italian contribution to the national solidarity programme - expert fund	881.28	974.54	Committed	ODA	Grant	Adaptation	Other (Rural Development)	Afghanistan	ITALIAN CONTRIBUTION TO THE NATIONAL SOLIDARITY PROGRAMME
South of Sahara, regional / Africa (South of Sahara) / purchase of a drinking water purifier	1,134,000.00	1,254,008.63	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Other (South Sahara)	Relief Lake Chad Program aims at providing protection and humanitarian assistance to Lake Chad populations affected by Boko Haram terrorist group.
South of Sahara, regional / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	1,394,000.00	1,541,523.83	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Other (South Sahara)	Relief Lake Chad Program aims at providing protection and humanitarian assistance to Lake Chad populations affected by Boko Haram terrorist group
Mali / Africa (South of Sahara) / Emergency Initiative in support of the vulnerable people of Mali affected by the crisis, with specific focus on food security and nutrition sectors.	400,000.00	442,331.08	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Mali	Emergency Initiative in support of the vulnerable people of Mali affected by the crisis, with specific focus on food security and nutrition sectors.
Lebanon / Asia (Middle East Asia) / Technical Assistance under the Lebanon Environmental Pollution Abatement Project. ART. 15	776.29	858.44	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Lebanon	The program aims at strengthening the capacities of the Lebanese Ministry of Environment (MOE) in the field of industrial pollution management

Senegal / Africa (South of Sahara) / In loco Fund - Italian contribution to the EU project in support to the integrated management of environmental issues	190,000.00	210,107.27	Committed	ODA	Grant	Adaptation	Other (Environmental policy and administrative management)	Senegal	Italian contribution that will assist the EU in four countries of the Senegal River basin (Senegal, Mali, Guinea and Mauritania) and OMVS in the collection and analysis of data
South of Sahara, regional / Africa (South of Sahara) / Capacity development in Subsaharan Africa in Natural Resources Management for Tropical Rural Development	8,610.16	9,521.36	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (South Sahara)	the initiative aims at strengthening individual capacities of 16 professionals from Subsaharan priority countries through the delivery of a Master of Science in Natural Resources Management for Tropical Rural Development
South of Sahara, regional / Africa (South of Sahara) / Capacity development in Subsaharan Africa in Natural Resources Management for Tropical Rural Development (II edition - 2015-2017)	284,554.82	314,668.61	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (South Sahara)	The initiative aims at strengthening individual capacities of 16 professionals from Subsaharan priority countries through the delivery of a Master of Science in Natural Resources Management for Tropical Rural Development
Iraq / Asia (Middle East Asia) / Training project for Al Faw Port staff	55,055.62	60,882.03	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Iraq	THE PROJECT IS AIMED AT BUILDING THE AL FAW PORT THAT WILL RISE IN THE PERSIAN GULF AND WILL INCLUDE THE RISING OF QUAYS, BREAKWATERS AND DREDGING AS WELL. WITH REGARDS TO THE BUILDING OF THIS GREAT INFRASTRUCTURE
Kenya / Africa (South of Sahara) / KENYA - water and sanitation to utilize the kirandich and kiambere dam water reservoirs	13,600.00	15,039.26	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Kenya	INTERVENTION TO FINALIZE THE EXISTING HYDRAULIC STRUCTURE, INCREASE THE WATER SUPPLY AND IMPLEMENT THE SANITATION SYSTEM OF SOME SELECTED TOWNS
Kenya / Africa (South of Sahara) / KENYA - water and sanitation to utilize the kirandich and kiambere dam water reservoirs - expert fund	52,069.41	57,579.79	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Kenya	INTERVENTION TO FINALIZE THE EXISTING HYDRAULIC STRUCTURE, INCREASE THE WATER SUPPLY AND IMPLEMENT THE SANITATION SYSTEM OF SOME SELECTED TOWNS

									- EXPERT FUND
Mali / Africa (South of Sahara) / Supply drinking water in the city of Bamako starting from KABALA station - Local fund	84,000.00	92,889.53	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Mali	The initiative aims to increase access to drinking water in the city of Bamako, also in order to improve its service for the population
Morocco / Africa (North of Sahara) / Improving access to water and sanitation in the Settlat province - Morocco project. Expert fund	242.32	267.97	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Morocco	THE INITIATIVE, IN LINE WITH THE MOROCCAN GOVERNMENT'S STRATEGIC PLAN, AIMS AT IMPROVING HYGIENIC AND ENVIRONMENTAL CONDITIONS AND THE ACCESS TO DRINKING WATER, AS A PRIORITY FOR THE ACHIEVEMENT OF THE MDGS
Pakistan / Asia (South & Central Asia) / Local fund-contribution for set up of technical support unit for the debt conversion initiative	33,083.60	36,584.77	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Pakistan	ASSISTANCE TO THE JOINT TECHNICAL OF THE DEBT CONVERSION INITIATIVE
Pakistan / Asia (South & Central Asia) / Experts fund-contribution for the set up the technical support unit for the debt conversion - expert fund	755.42	835.36	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Pakistan	ASSISTANCE TO THE JOINT TECHNICAL UNIT FOR THE IMPLEMENTATION OF THE DEBT CONVERSION INITIATIVE
Ethiopia / Africa (South of Sahara) / Drought Resilience and Sustainable Livelihoods Programme (DRSLP)	5,056.93	5,592.09	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Within the framework of the IDDRSI and the Ethiopia CPP , this initiative aims at enhancing drought resilience and improving sustainable livelihoods of the pastoral and agro-pastoral communities in 4 selected weredas of Afar Region.
Senegal / Africa (South of Sahara) / Technical assistance, on the Country Programme 2014-2016.	416,000.00	460,024.33	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	Technical assistance, management and monitoring of the initiatives of the Italy-Senegal Country Programme 2014-2016.
Senegal / Africa (South of Sahara) / senegal-support to the national programme for investments in agriculture - expert fund	806.24	891.56	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	improvement of local economic development

Developing countries, unspecified / / Bioversity International - Voluntary Contribution 2016	920,000.00	1,017,361.50	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (Developing countries)	Bioversity International - Voluntary Contribution 2016
Ethiopia / Africa (South of Sahara) / Supporting growth and transformation in Ethiopia through Investment Climate Improvements - Expert Fund	67,577.12	74,728.65	Committed	ODA	Grant	Cross-cutting	Industry	Ethiopia	The project aims to support the Government in the investment sector
South of Sahara, regional / Africa (South of Sahara) / El Nino - Drought mitigation in the Southern African Countries	1,600,000.00	1,769,324.34	Committed	ODA	Grant	Cross-cutting	Other (Developmental food aid/Food security assistance)	Other (South Sahara)	The programme is directed to mitigate through food aid, water supply and agricultural recovery the drought caused by El Nino in selected Southern African Countries
Middle East, regional / Asia (Middle East Asia) / Sciences for Diplomacy 2: Multisectorial training Programme	248,604.80	274,914.08	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Middle East and North Africa	The course aims to promote capacity building of local officials of public and private institutions and organizations involved in the following sectors: environment, agriculture, food and cultural Heritage.
Lebanon / Asia (Middle East Asia) / Technical Assistance under the Lebanon Environmental Pollution Abatement Project. ART. 15	469,500.00	519,186.11	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Lebanon	The program aims at strengthening the capacities of the Lebanese Ministry of Environment (MOE) in the field of industrial pollution management
South America, regional / America (South America) / Riesca Project applied training in risk scenarios in Central America	140,000.00	154,815.88	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Latin America and the Caribbean	Riesca Project applied training in risk scenarios in Central America
Ethiopia / Africa (South of Sahara) / Integrated project for improved access to basic services and valorisation of the environmental resources in Wonchi	400,000.00	442,331.08	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Ethiopia	Integrated project for improved access to basic services and valorisation of the environmental resources in Wonchi
Guinea-Bissau / Africa (South of Sahara) / Mangrove: improvement of rice growing from mangrove and protection of the mangrove trees in the region of Cacheu, Oio, Tombali and Bolama	78,266.94	86,549.75	Committed	ODA	Grant	Mitigation	Agriculture	Guinea-Bissau	The project aims at protecting the biodiversity and promoting the food sovereignty in Guinea Bissau



Kenya / Africa (South of Sahara) / Enhancement of food chains and of renewable energy sources development in the county of Tharaka-Nithi - Kenya	54,820.00	60,621.48	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	Project wants to promote the socio-economic development of the county of Tharaka-Nithi through the improvement of the living conditions of women and young people, strengthening food chains connected to the pole transformation of the agricultural Meru Herbs
Mozambique / Africa (South of Sahara) / FORTUR - vocational training and educational programs to increase the rate of employment in the hotel and tourism sector in Cabo Delgado	45,842.00	50,693.35	Committed	ODA	Grant	Mitigation	Other (Tourism)	Mozambique	The project aims to align vocational training programs with the needs of the emerging tourism industry, helping to reduce disparities in access to education for women and vulnerable groups.
Nepal / Asia (South & Central Asia) / Support to Nepalese Cultural Heritage damaged by the earthquake 2015	95,587.38	105,703.17	Committed	ODA	Grant	Mitigation	Other (Site preservation)	Nepal	Support to Nepalese Cultural Heritage damaged by the earthquake 2015
Ethiopia / Africa (South of Sahara) / Drought mitigation in Ethiopia	800,000.00	884,662.17	Committed	ODA	Grant	Adaptation	Other (Reconstruction relief and rehabilitation)	Ethiopia	The programme is directed to mitigate through water supply and agricultural recovery the drought in selected Ethiopian regions
Myanmar / Asia (South & Central Asia) / Tourism capacity building in Myanmar	9,376.04	10,368.29	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Myanmar	Tourism capacity building in myanmar
South Sudan / Africa (South of Sahara) / Support to health infrastructures: Rumbek Public Hospital and Yrol County Hospital-lakes States	7,800.00	8,625.46	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Other (South Sudan)	Upgrade the present condition of the Rumbek and Yrol Hospitals and ensure that this condition can be maintained. The immediate outcomes shall be good hospital facilities to the people in Lakes States
Ethiopia / Africa (South of Sahara) / Ethiopia - Wash in small and medium towns. Expert fund	891.80	986.18	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Ethiopia	EXPERTS FUND FOR EVALUATION OF WASH IN SMALL AND MEDIUM TOWNS PROGRAMME
Sudan / Africa (South of Sahara) / Alleviate the poor living conditions of the population of Eastern State, North Darfour Khartoum, in particular refugees and migrants.	960,000.00	1,061,594.60	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Sudan	The aim of the initiative is to support the vulnerable people of est Sudan and Darfur States and other population in the poor areas of Sudan.

Peru / America (South America) / DEBT FOR DEVELOPMENT SWAP AGREEMENT : TECHNICAL ASSISTANCE FUND - EXPERT FUND	1,119.54	1,238.02	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Peru	DEBT FOR DEVELOPMENT SWAP AGREEMENT : TECHNICAL ASSISTANCE FUND - EXPERT FUND
Ghana / Africa (South of Sahara) / Ghana private sector development facility - expert fund	34,177.12	37,794.01	Committed	ODA	Grant	Cross-cutting	Other (Business and other services)	Ghana	THE GENERAL OBJECTIVE IS TO INCREASE THE CAPABILITY OF THE GHANIAN SMES FOR THE DEVELOPMENT OF THE COUNTRY
Mauritania / Africa (South of Sahara) / Increase of Agricultural Production in the Mauritanian Central- Eastern regions	14,400.00	15,923.92	Committed	ODA	Grant	Cross-cutting	Agriculture	Mauritania	The project will contribute to reduce vulnerability and food insecurity of the Central-Eastern Mauritanian regions through the improvement of the agricultural productivity. FL
Mauritania / Africa (South of Sahara) / Increase of Agricultural Production in the Mauritanian Central- Eastern regions - Expert fund	86,011.83	95,114.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Mauritania	The project will contribute to reduce vulnerability and food insecurity of the Central-Eastern Mauritanian regions through the improvement of the agricultural productivity
Ethiopia / Africa (South of Sahara) / Inclusive and Sustainable Value Chains Development in Oromia	132,400.00	146,411.59	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	create economic relations between producers and industries, marketed by local Cooperative qualify the role of women in agricultural value - improve nutrition and dietary diversity of vulnerable target population
Myanmar / Asia (South & Central Asia) / Italian contribution to scaling up the initiative National Community Driven Development Project	910.41	1,006.75	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Myanmar	Italian contribution to scaling up the initiative National Community Driven Development Project
Afghanistan / Asia (South & Central Asia) / Italian contribution to the Third National Solidarity Program (NSP III) in Herat, Bamyan, Ghor, Farah and Badghis	2,000,000.00	2,211,655.42	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Afghanistan	Italian contribution to the Third National Solidarity Program (NSP III) in Herat, Bamyan, Ghor, Farah and Badghis
Mozambique / Africa (South of Sahara) / General budget support	192,776.00	213,177.04	Committed	ODA	Grant	Cross-cutting	Other (General Budget Support)	Mozambique	THE GENERAL BUDGET SUPPORT IS AN OFFICIAL DEVELOPMENT ASSISTANCE MODALITY FUNDING GOVERNMENT'S POVERTY ALLEVIATION PROGRAMMES THROUGH THE STATE BUDGET

Bolivia / America (South America) / Expert Fund - Food assistance to vulnerable people in the departments of Pando, Chuquisaca e Tarija	2,534.69	2,802.93	Committed	ODA	Grant	Cross-cutting	Other (Developmental food aid/Food security assistance)	Bolivia	Food assistance to vulnerable people in the departments of Pando, Chuquisaca e Tarija
South Sudan / Africa (South of Sahara) / Emergency Initiative for the provision of health and protection services in favor of IDPs and the local population	1,560,000.00	1,725,091.23	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (South Sudan)	The initiative aims to contribute to respond to the current dramatic humanitarian crisis and to provide relief to the victims, in particular to the vulnerable groups.
Syrian Arab Republic / Asia (Middle East Asia) / Emergency program for the improvement of food security and health/sanitation conditions in Syria	1,200,000.00	1,326,993.25	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Syrian Arab Republic	The Program aims to improve the satisfaction of the basic needs of displaced people and residents in Syria through interventions aimed at increasing food security and health/sanitation conditions. Women are a specific target of the intervention
Sudan / Africa (South of Sahara) / Emergency response to support vulnerable people in Sudan, with focus to women, children, disabled and elderly people. Technical assistance.	3,609.19	3,991.14	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Sudan	Qualified personnel for technical assistance, monitoring and coordination of emergency activities. Expert fund
West Bank and Gaza Strip / Asia (Middle East Asia) / Emergency Programme for the protection of the most vulnerable Palestinian people living in Area C, East Jerusalem and the Gaza Strip	1,200,000.00	1,326,993.25	Committed	ODA	Grant	Cross-cutting	Other (Reconstruction relief and rehabilitation)	Other (West Bank and Gaza)	The Emergency Programme aims at protecting the most vulnerable people living in Area C, East Jerusalem and the Gaza Strip, strengthening their preparedness as well as their capacity to respond to the recurrent crisis.
Egypt / Africa (North of Sahara) / support to the coordination of AICS's headquarters programs in Cairo	80,000.00	88,466.22	Committed	ODA	Grant	Adaptation	Other (Education Secondary)	Egypt	The local fund will be aimed to finance of two experts in order to provide advices and other figures aimed to the management of legal affairs and of the local office working and communication needs.
West Bank and Gaza Strip / Asia (Middle East Asia) / WELOD 3 - Women's Empowerment and Local Development	54,968.38	60,785.56	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Other (West Bank and Gaza)	The programme aims to increase the opportunities for the socio-economic development of Palestinian women and to project their rights through two Budget Support components

									addressed to the Ministry of Women's Affairs and to the Ministry of Social Affairs
Afghanistan / Asia (South & Central Asia) / Support agriculture and rural development	892.79	987.27	Committed	ODA	Grant	Adaptation	Agriculture	Afghanistan	Support agriculture and rural development- Expert fund
Philippines / Asia (Far East Asia) / Italian technical assistance to the agrarian reform program - iarcdsp - expert fund	59,200.00	65,465.00	Committed	ODA	Grant	Mitigation	Agriculture	Philippines	ITALIAN TECHNICAL ASSISTENCE TO THE AGRARIAN REFORM PROGRAM
Iraq / Asia (Middle East Asia) / Sustainable Development of Buffalo Breeding in Rural Areas of south Iraq	95,799.76	105,938.03	Committed	ODA	Grant	Mitigation	Agriculture	Iraq	The initiative aims to the sustainable developmet of the rural areas of the Provinces of Bashra and Dhi Qar, with a special focus on the buffalo breeding sector, through the strengthening of the istitutional capacity. It also aims to develop the area by social-economic point of view.
Cuba / America (North & Central America) / Enhancement of the integral urban and suburban farming program in its main components	316.86	350.39	Committed	ODA	Grant	Mitigation	Agriculture	Cuba	The project is a food safety project and aims at developing special agroecological techniques, which are typical of urban and suburban farming, in order to contribute to the food sovereignty of the country
Myanmar / Asia (South & Central Asia) / SESAMUM. Sustainable Economic development of Agriculture in Magway	151,929.92	168,008.32	Committed	ODA	Grant	Mitigation	Agriculture	Myanmar	the project aims at developing the production of sesame in 30 villages of the Magway region
Niger / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	67,785.42	74,959.00	Committed	ODA	Grant	Adaptation	Agriculture	Niger	The project aims at improving the food security through the development of a sustainable agriculture and the vocational training
Burkina Faso / Africa (South of Sahara) / Plant the future. The knowledge for the food security	81,867.36	90,531.20	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	The project aims at improving the food security through a sustainable economic and environmental development in two regions of Burkina Faso
Burkina Faso / Africa (South of Sahara) / Improvement of food security and women	40,800.00	45,117.77	Committed	ODA	Grant	Adaptation	Agriculture	Burkina Faso	the project aims at improving the food security in 3 towns (Zonse,

empowerment in the Province of Boulgou									Zabre and Garango) in the Province of Boulgou
Senegal / Africa (South of Sahara) / Sustainable development and fair employment in the fishing Sector in Ziguinchor	67,239.32	74,355.10	Committed	ODA	Grant	Mitigation	Other (Fishing)	Senegal	the project aims at strengthening the fishing sector
America, regional / America / Training pilot project for protection and management of CARICOM countries" cultural heritage	53,960.00	59,670.46	Committed	ODA	Grant	Mitigation	Other (Site preservation)	Latin America and the Caribbean	Training pilot project for protection and management of CARICOM countries cultural heritage
South of Sahara, regional / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	1,080,000.00	1,194,293.93	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Other (South Sahara)	Regional. Drought mitigation caused by el Nino in Souther Africa
Ethiopia / Africa (South of Sahara) / Emergency initiative in support of the vulnerable people, refugees, IDPs and migrants.	61,167.00	67,640.17	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Ethiopia	Emergency activities aiming to strengthen resilience, improving living conditions of most vulnerable categories by providing basic services, assistance and protection to migrants, urban refugees and DPCs.
West Bank and Gaza Strip / Asia (Middle East Asia) / ELECTRIC SECTOR INVESTMENT AND MANAGEMENT PROGRAMME - EXPERT FUND	459.88	508.55	Committed	ODA	Grant	Mitigation	Energy	Other (West Bank and Gaza)	THE PROJECT AIMS TO A COMPANY REORGANIZATION OF 'POWER MANAGEMENT GIA' EXISTING, JDECO, AND THE CREATION OF TWO NEW COMPANIES ': SELCO AND HEPCO, COMPANIES COLLECT MANY COMPANIES OF VARIOUS ELECTRICAL MUNICIPALITY ' OF CISGIORDANIA.
Bolivia / America (South America) / Family greenhouse construction to increase food safety through the consumption of vegetables and the commercialization of surplus production	156,519.23	173,083.30	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	The project aims at increasing food access especially with regard to vegetables both for consumption and commercialization, through the construction of family greenhouses.
Lebanon / Asia (Middle East Asia) / Training and Education in Agricultural Technical Schools in Lebanon FEAST	332,514.06	367,703.26	Committed	ODA	Grant	Cross-cutting	Agriculture	Lebanon	The project wants to strengthen the technical and ducational skills of teachers and training offered to students in 7 Lebanese agricultural schools

Burkina Faso / Africa (South of Sahara) / In loco fund - Fund for formulation, management, supervision and visibility of the program	39,120.00	43,259.98	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Burkina Faso	The initiative intends to acquire financial resources to provide specialized technical assistance to promote the bilateral and multilateral initiatives
Jordan / Asia (Middle East Asia) / Assistance Fund to the technical administrative management of the projects of AICS in Giordany - Local Fund	80,000.00	88,466.22	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Jordan	Assistance Fund to the technical administrative management of the projects of AICS in Giordany - Local Fund
Mozambique / Africa (South of Sahara) / Coordination fund for technical assistance	88,000.00	97,312.84	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Mozambique	Coordination fund for technical assistance
Afghanistan / Asia (South & Central Asia) / Support to operational needs of AICS Kabul office and development programs monitoring	219,782.40	243,041.47	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Afghanistan	Support to operational needs of AICS Kabul office and development programs monitoring
Viet Nam / Asia (Far East Asia) / Technical assistance for the management and the monitoring of programmes in Vietnam	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Viet Nam	Technical assistance for the management and the monitoring of programmes in Vietnam
Sudan / Africa (South of Sahara) / Poverty alleviation Project in the State of Kassala and Red Sea.	2,468.02	2,729.20	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Sudan	Improve livelihood of rural population located in The State of Kassala and Red Sea (East Sudan)
Egypt / Africa (North of Sahara) / DOMI - Dignity and Rights for Women and Children in the District of Yousef es-Saddiq	79,802.72	88,248.06	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Egypt	The project aims to enhance the enjoyment of basic rights for women, children and young people at risk of illegal migration, through the provision of educational services, the increase in labor income in agriculture and in tourism.
Central African Republic / Africa (South of Sahara) / Emergency initiative for health, agriculture and food security and education vulnerable people support	2,000,000.00	2,211,655.42	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Central African Republic	The Programme aims to strengthen and improve the quality of healthcare and to promote the agriculture and food security and the education
Developing countries, unspecified / / Contribution to the Bilateral Emergency Fund with IFRC	1,200,000.00	1,326,993.25	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (Developing countries)	Voluntary contribution to IFRC-Italy Bilateral Emergency Fund to support humanitarian interventions related to unforeseeable emergencies caused by both man-made and natural disasters and to any event in which there is a

									clear threat to the survival of human life
Developing countries, unspecified / / Contribution to the Bilateral Emergency Fund with ICRC	1,200,000.00	1,326,993.25	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Other (Developing countries)	Voluntary contribution to ICRC-Italy Bilateral Emergency Fund to support humanitarian interventions related to unforeseeable emergencies caused by both man-made and natural disasters and to any event in which there is a clear threat to the survival of human life
Burkina Faso / Africa (South of Sahara) / Maternal and Child Health and Nutrition in the central west region	96,575.60	106,795.97	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Burkina Faso	the project aims at fighting severe infant malnutrition during the first 1000 days of life of the children
Afghanistan / Asia (South & Central Asia) / purchase of a drinking water purifier	924.83	1,022.70	Committed	ODA	Grant	Adaptation	Other (Government and civil society general)	Afghanistan	
Ecuador / America (South America) / DEWETRA@Ecuador	10,000.00	11,058.28	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Ecuador	The maintenance of platform Dewetra (installed in August 2014) continued during all the 2016. The current setup allows to acquire and display many real time hydro-meteorological data, including GOES satellite data, precipitation estimates from TRMM satellite, weather patterns and GFS WRF, and data from 35 sensors. Additional layers, made available by the "Secretary de Gestión de Riesgo" for assessing exposure and vulnerability, have been added.
Georgia / Asia (South & Central Asia) / Georgia governmental delegation visit	1,200.00	1,326.99	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Georgia	CIMA Foundation hosted a government delegation from Georgia. The visit was organized by TAIEX (Technical Assistance and Information Exchange instrument) of the European Commission. Objective of the meeting was to examine the

									national and local legislation and exchange mechanisms and best practices for risk management with particular regard to the implementation of the Directive "Floods" 2007/60 / EC.
Serbia / Europe / Serbia Flash Floods Report on the estimation of potentially flooded areas in March 2016	50,000.00	55,291.39	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Serbia	DPC, through CIMA Foundation, supported the World Bank in the evaluation of the areas potentially flooded during the flash floods in Serbia of March 2016 and the results. The calculations were carried out with methods based on morphological analysis based on digital terrain model and do not use hydraulic modeling. The maps and the results are intended to provide a basic quantitative assessment of the areas that have potentially been affected by flash floods in March 2016
Lebanon / Asia (Middle East Asia) / public solar lamps donation	45,943.15	50,805.21	Committed	ODA	Grant	Mitigation	Energy	Lebanon	provision of solar lamps in village for the enhancement of the security of locals.
Lebanon / Asia (Middle East Asia) / public solar lamps donation	7,200.00	7,961.96	Committed	ODA	Grant	Mitigation	Energy	Lebanon	provision of solar lamps in village for the enhancement of the security of locals.
Developing countries, unspecified / / International Centre for Theoretical Physics - Mandatory contribution	5,765,885.60	6,376,076.08	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	The Centre carries out joint training programmes with the University of Trieste and other international research institutions. The centre seeks to conduct its mandate by providing scientists from developing countries with the continuing education and skills that they need to enjoy long and productive careers.
Somalia / Africa (South of Sahara) / Provision of deep-well pumps in 3 rural areas	10,234.40	11,317.48	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Somalia	provision of deep-well pumps in 3 rural areas



Lebanon / Asia (Middle East Asia) / Provision of a proper water network	10,939.60	12,097.31	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Lebanon	maintenance and update of a water network in a village
Lebanon / Asia (Middle East Asia) / provision of waste containers	5,985.60	6,619.04	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Lebanon	purchase of 125 300lt-waste containers
Lebanon / Asia (Middle East Asia) / Provision of a black water treatment system	9,900.00	10,947.69	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Lebanon	purchase of a black-water tank and treatment plant for a governmental building.
Somalia / Africa (South of Sahara) / Provision of a water collection tank	2,508.80	2,774.30	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Somalia	provision of a deep-well water collection tank for local population
Lebanon / Asia (Middle East Asia) / Provision of deep-well pumps for village	43,076.00	47,634.63	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Lebanon	provision of deep-well pumps for village
Lebanon / Asia (Middle East Asia) / purchase of a drinking water purifier and provision of a water collection tank	18,145.91	20,066.25	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Lebanon	provision of a drinking water treatment plant and deep-well water collection tank for a village
Ecuador / America (South America) / Support for the earthquake emergency started April 2016	14,748.80	16,309.63	Committed	ODA	Grant	Cross-cutting	Other (Reconstruction relief and rehabilitation)	Ecuador	A civil protection national team has been deployed for the following activities: damage assessment on strategic public facilities and private buildings and technical assistance to local experts conducted by Italian fire fighters.
Lebanon / Asia (Middle East Asia) / ENHANCEMENT OF GOVERNANCE AND LOCAL AGRICULTURE	18,554.06	20,517.59	Committed	ODA	Grant	Cross-cutting	Agriculture	Lebanon	PROVISION OF A GOVERNMENTAL OIL MILL
Djibouti / Africa (South of Sahara) / purchase of a drinking water purifier	8,050.00	8,901.91	Committed	ODA	Grant	Cross-cutting	Agriculture	Djibouti	support to the agricultural field in djibouti in order help people to cope with drought
Somalia / Africa (South of Sahara) / Enhancement of health - Vaccination of local livestock	14,110.00	15,603.23	Committed	ODA	Grant	Cross-cutting	Agriculture	Somalia	VACCINATION OF LOCAL LIVESTOCK
Somalia / Africa (South of Sahara) / Provision of a course on management in fisheries for the local women	10,032.00	11,093.66	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Somalia	provision of a course on management in fisheries for the local women
Senegal / Africa (South of Sahara) / CREA Sénégal. CRéation Emplois dans l'Agriculture	33,618.96	37,176.77	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Senegal	Socio-economic development and job opportunities for refugees, asylum seekers and vulnerable persons in target country

Afghanistan / Asia (South & Central Asia) / provision of equipment to the department of information and culture and agricultural department of herat province	10,664.80	11,793.43	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Afghanistan	purchase of electronic, technical and it equipment, furniture and books in favour of the herat agricultural department and information and culture department.
Lebanon / Asia (Middle East Asia) / provision of waste containers	392.00	433.48	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Lebanon	supply of 70 backpacks to laf martiys association
Tanzania / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	1,516.83	1,677.35	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Tanzania	refurbishment of a kindergarten in tanzania
Kosovo / Europe / purchase of a drinking water purifier	920.00	1,017.36	Committed	ODA	Grant	Adaptation	Other (Health General)	Other (Kosovo)	purchase of sanitary material and medical equipment to increase the efficiency of pristina hospital
Somalia / Africa (South of Sahara) / Restructuring of 3 sides and the roof of Mogadishu hospital, including provision of windows, hospital rooms, stairs and rain water dispersal tank	194,480.00	215,061.37	Committed	ODA	Grant	Adaptation	Other (Health General)	Somalia	COMPLETE RESTRUCTURING OF 3 SIDES AND THE ROOF OF A MAJOR MOGADISHU HOSPITAL, INCLUDING PROVISION OF WINDOWS, HOSPITAL ROOMS, STAIRS AND RAIN WATER DISPERSAL TANK
Lebanon / Asia (Middle East Asia) / purchase of a drinking water purifier	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Other (Government and civil society general)	Lebanon	purchase in partnership with local authorities of a generator electronic for municipality
Djibouti / Africa (South of Sahara) / purchase of a drinking water purifier	999.91	1,105.73	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Djibouti	replacement of a drinking water treatment plant for a local orphanage canteen
Djibouti / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	7,554.00	8,353.42	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Djibouti	support sports activities by creating a suitable place for children to play
Djibouti / Africa (South of Sahara) / public solar lamps donation	5,793.60	6,406.72	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Djibouti	promotion of the efficiency of teaching
Djibouti / Africa (South of Sahara) / public solar lamps donation	2,000.00	2,211.66	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Djibouti	provision of teaching material for a kindergarten in djibouti
Afghanistan / Asia (South & Central Asia) / public solar lamps donation	5,830.70	6,447.75	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Afghanistan	provision of winter packs to locals in need
Ethiopia / Africa (South of Sahara) / Emergency aid and rehabilitation in Borana	24,640.00	27,247.59	Committed	ODA	Grant	Adaptation	Agriculture	Ethiopia	Mitigate the negative effects of the drought by protecting livelihoods and rehabilitation measures

Uganda / Africa (South of Sahara) / Sustain the agriculture in North Uganda within the plan for sectoral strategy and investment (DSIP) of the Ministry of Agriculture and Environment	69,992.30	77,399.42	Committed	ODA	Grant	Adaptation	Agriculture	Uganda	Better agricultural production through supporting cooperatives, environment protection, adaption to climate change
Tanzania / Africa (South of Sahara) / Community mobilization for climate change adaptation and mitigation in Misseny District, Kagera Region - Tanzania	21,000.00	23,222.38	Committed	ODA	Grant	Adaptation	Other (Environmental education/ training)	Tanzania	Mobilization of the local communities to adapt to climate change and to reduce its impact in the Missenyi region.
India / Asia (South & Central Asia) / seismic risks prevention	89,000.00	98,418.67	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	India	research and technology transfer for seismic risks prevention
Ethiopia / Africa (South of Sahara) / Drinking water supply and csanitary facilities	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Other (Education Basic)	Ethiopia	Drinking water supply and construction of sanitary facilities for two kindergartens and a primary school in Shashemene, Ethiopia
Philippines / Asia (Far East Asia) / Medical center for emergency	4,000.00	4,423.31	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Philippines	The project aims to built a health center in an evacuation area of the Camotes Islands, often affected from natural hazards. It is built with natural construction materials and the beneficiaries are involved in the construction process. The installation of a photovoltaic system allows a total self sustainability of the health center. The project will contribute to disaster reduction and community resilience empowering communities to prepare for and cope with natural hazards and related topics such as health, hygiene and livelihoods promotion.
Nicaragua / America (North & Central America) / Agua para la Vida: drinking water in some rural communities of Larreynaga Hall and related technical, health and hygiene training	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nicaragua	Agua para la Vida: drinking water in some rural communities of Larreynaga Hall, the department of León, and related technical, health and hygiene training
Senegal / Africa (South of Sahara) / Drinking water well for the community	3,200.00	3,538.65	Committed	ODA	Grant	Adaptation	Water and Sanitation	Senegal	Construction of a drinking water well for the community of Pakeba, Tambacounda region

Kenya / Africa (South of Sahara) / well in Karemeno / Mugunda, Central Province	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Water and Sanitation	Kenya	Construction of a well in Karemeno / Mugunda, Central Province
Guinea-Bissau / Africa (South of Sahara) / well in the village of Colada, Gabú region	21,600.00	23,885.88	Committed	ODA	Grant	Adaptation	Water and Sanitation	Guinea-Bissau	Construction of a well in the village of Colada, Gabú region
Guinea-Bissau / Africa (South of Sahara) / well near the town of Bula, Cacheu region	22,000.00	24,328.21	Committed	ODA	Grant	Adaptation	Water and Sanitation	Guinea-Bissau	Construction of a well near the town of Bula, Cacheu region
Eritrea / Africa (South of Sahara) / aqueduct for the village of Dighèmurad, Anseba region	32,000.00	35,386.49	Committed	ODA	Grant	Adaptation	Water and Sanitation	Eritrea	Construction of an aqueduct for the village of Dighèmurad, Anseba region
South Sudan / Africa (South of Sahara) / Emergency water project	28,000.00	30,963.18	Committed	ODA	Grant	Adaptation	Water and Sanitation	Other (South Sudan)	Emergency water project in Morobo, Central Equatoria State
Colombia / America (South America) / Training for the functioning of aqueducts	14,800.00	16,366.25	Committed	ODA	Grant	Adaptation	Water and Sanitation	Colombia	Technical and management training for the functioning of various aqueducts of Villavicencio and peri-urban water supply improvement of Villa Lorena, in the Meta Department
Bolivia / America (South America) / Water project 'Hermana Agua'	26,000.00	28,751.52	Committed	ODA	Grant	Adaptation	Water and Sanitation	Bolivia	Water project 'Hermana Agua' in the region of Cochabamba, Bolivia
Burkina Faso / Africa (South of Sahara) / Water system for the supply of drinking water	30,000.00	33,174.83	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	Water system for the supply of drinking water for the village of Laba, Burkina Faso
Togo / Africa (South of Sahara) / PAIN DE VIE 2	11,964.00	13,230.12	Committed	ODA	Grant	Adaptation	Agriculture	Togo	development of rural economy-food production and valorisation of local products
Senegal / Africa (South of Sahara) / Veterinary pharmacy, a community radio Marital Status	600.00	663.50	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	This is the continuation of a project begun in past years aimed to provide the village with Koussanar, where cattle ranching is of fundamental importance, a veterinary pharmacy. In parallel we continue the project of equipping the scattered villages of a community radio to promote the spread of institutional information and implement the realization of the civil status of the population.

Senegal / Africa (South of Sahara) / Women and local development in Koussanar	600.00	663.50	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	Improvement of the irrigation system and water supply, accompanying market goods, completion of the restructuring of a classroom, in order to support women, making them more autonomous and independent both economically and with respect to family commitments.
Middle East, regional / Asia (Middle East Asia) / Greenhouses in Cisjordania	8,945.44	9,892.12	Committed	ODA	Grant	Adaptation	Agriculture	Middle East and North Africa	Support the construction of greenhouses for families
India / Asia (South & Central Asia) / Biodiversity and seed independence	5,600.00	6,192.64	Committed	ODA	Grant	Adaptation	Agriculture	India	Install seed banks
Congo / Africa (South of Sahara) / Access to water and sanitation and prevent possible outbreaks	14,450.00	15,979.21	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Congo	Improve water and sanitation and to prevent epidemics
Democratic Republic of the Congo / Africa (South of Sahara) / Photovoltaic panels for the vocational school "Pedrollo"	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Democratic Republic of the Congo	The project aims to increase the energy capacity of the school (500 boys) through a stand-alone system to ensure continuous supply and self-sustainable for the next twenty years. The school is the first of all the north-east of R.D. Congo and train students in the fields of construction, carpentry, mechanics, electricity, nutrition etc. to give them the possibility of a subsequent start in the working field.
North of Sahara, regional / Africa (North of Sahara) / Creation of permanent greenhouse vegetable farming	1,320.00	1,459.69	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Middle East and North Africa	Construction of irrigation system of a permanent greenhouse vegetables in the Wilaya of Boujdour.
Pakistan / Asia (South & Central Asia) / Sustainable management of drinking water	11,120.00	12,296.80	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Pakistan	WATER MANAGEMENT AND ENVIRONMENTAL PROTECTION
Senegal / Africa (South of Sahara) / Idrico	10,560.00	11,677.54	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Senegal	WATER MANAGEMENT AND ENVIRONMENTAL PROTECTION
Cameroon / Africa (South of Sahara) / COMMUNITY DEVELOPMENT FOR WOMEN OF	32,880.00	36,359.62	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Cameroon	LOCAL DEMOCRACY AND ACTIVE CITIZENSHIP-WOMEN INVOLVEMENT

MBANDA									IN LOCAL DEVELOPMENT
Benin / Africa (South of Sahara) / realization of a plant greenhouses	3,600.00	3,980.98	Committed	ODA	Grant	Cross-cutting	Energy	Benin	Purchase of a solar-powered pump and education to eco-citizenship to Natitingou, Benin
Tunisia / Africa (North of Sahara) / Promotion and Dissemination of aeroponic technology in agriculture	15,076.34	16,671.83	Committed	ODA	Grant	Cross-cutting	Agriculture	Tunisia	Project "Agriponic - Promotion and Dissemination of aeroponic technology in agriculture". The Agriponic project had as its objective the dissemination and exchange of experience between the partners on the culture technique "aeroponics" applied horticulture, floriculture and production of medicinal plants. The aeroponics is a highly innovative cultivation technique in a protected environment, is characterized as growing "off the ground" and closed-loop.
Cameroon / Africa (South of Sahara) / Agro-Chain Cameroon	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Agriculture	Cameroon	DEVELOPMENT OF RURAL ECONOMY-FOOD SECURITY WITH PRODUCTION OF JATROPHA CURCAS AND MORINGA
El Salvador / America (North & Central America) / From producers to consumers	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Agriculture	El Salvador	From producers to consumers: a sustainable coffee chain, Indigo and organic vegetables
Haiti / America (North & Central America) / Support activities for children: emergency Matthew hurricane.	400.00	442.33	Committed	ODA	Grant	Cross-cutting	Agriculture	Haiti	Objective: to feed 50,000 people and prevent abandon what remains of their home and the place where they lived until now. Feed and care for the people, restore orchards and crops, goats and poultry, boats and nets to catch fish, rebuild houses and roofs, to return families to their homes and children to school
Côte d'Ivoire / Africa (South of Sahara) / Food security in bouaké province	4,224.00	4,671.02	Committed	ODA	Grant	Cross-cutting	Agriculture	Côte d'Ivoire	DEVELOPMENT OF RURAL ECONOMY-VALORISATION OF LOCAL PRODUCTS

Mozambique / Africa (South of Sahara) / Kapezulu	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	DEVELOPMENT OF RURAL ECONOMY- PRODUCTION OF PEPPER
Peru / America (South America) / BIO COCOA FOR THE BUEN VIVIR	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	DEVELOPMENT OF RURAL ECONOMY- PRODUCTION OF BIO COCOA
Guatemala / America (North & Central America) / Proper coffee	22,153.85	24,498.34	Committed	ODA	Grant	Cross-cutting	Agriculture	Guatemala	The project proposes an integrated approach to the issue of sustainable coffee from Guatemala and El Salvador. The action is rooted on three components. The first aims at strengthening cooperatives coffee farmers, the second introduces strategies for diversifying sources of income and the third provides education courses to food sovereignty locally
Argentina / America (South America) / DELP	36,000.00	39,809.80	Committed	ODA	Grant	Cross-cutting	Industry	Argentina	RESEARCH AND TECHNOLOGY TRANSFER FOR ENVIRONMENTAL PROTECTION
India / Asia (South & Central Asia) / BANANA4GROWTH	36,000.00	39,809.80	Committed	ODA	Grant	Cross-cutting	Other (Bio-diversity)	India	Development of rural economy- valorisation of local production
Cameroon / Africa (South of Sahara) / SAVAGE GARDEN	5,856.00	6,475.73	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Cameroon	development of rural economy- production of honey
Serbia / Europe / SO-HO	35,880.00	39,677.10	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Serbia	development of rural economy
Belarus / Europe / Dew Project	860.00	951.01	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Belarus	The "Dew" project takes place in a advanced center of Belarus. A Vilejka, on a lake in a not contaminated territory. The structure, made with advanced technologies and sustainable practices (solar panels, biomass, energy conservation, organic farming, recycling and composting, etc.) is supported by Legambiente to give a direct support aimed at children living in high-risk areas and who have particular health problems. The Center offers support

									for both medical and pedagogical fields.
Mozambique / Africa (South of Sahara) / Clean Quelimane: Tutorship and sanitation of urban and suburban environment	6,000.00	6,634.97	Committed	ODA	Grant	Mitigation	Water and Sanitation	Mozambique	Tutorship and sanitation of urban and suburban environment
Haiti / America (North & Central America) / New energies for Haiti: rural development model in Central Plateau	138,497.00	153,153.82	Committed	ODA	Grant	Mitigation	Agriculture	Haiti	The intervention covers 3 issues: agroforestry, nutrition education, promotion of renewable energy. For agroforestry will be implemented a reforestation program oriented to fruit production and forest-energy chain. For nutrition education is proposed a food safety program which includes a creation of 5 school gardens and nutrition education to students and families involved. Finally, will be promoted the use of renewable energy installing 2 photovoltaic panels in 3 elementary schools and 2 health centers. All Municipality of Hinche will be informed about the use of renewable energy through promotion events and creation of special radio programs.
Tanzania / Africa (South of Sahara) / Enlight your Education	15,519.20	17,161.56	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Tanzania	To improve the quality of education through the supply of photovoltaic panels in secondary and teacher training schools. Together with this, will be founded one cooperative of 5 young technicians for the installation and maintenance of solar panels.



									Moreover, will be activated financial education courses destined for teachers.
Benin / Africa (South of Sahara) / Completion of an elementary school EPP Houakpe Daho - Ouidah.	35,354.00	39,095.43	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Benin	Construction of a kindergarten: restoration of 3 classrooms and 3 old restrooms, completion of fence, installation of photovoltaic panels, training and awareness sessions about the energy produced from renewable sources. The structure will also host local committees for reunions and other meetings.
Ethiopia / Africa (South of Sahara) / Schools and water pipes in Nepal	14,800.00	16,366.25	Committed	ODA	Grant	Mitigation	Other (Education Basic)	Ethiopia	Aid for the reconstruction of schools and water pipes in the town of Waku, Nepal
Mozambique / Africa (South of Sahara) / A solar school: supply of photovoltaic panels and adjoining water system to ensure water and electricity in the School of Agriculture Boroma	5,200.00	5,750.30	Committed	ODA	Grant	Mitigation	Other (Education Secondary)	Mozambique	A solar school for Mozambique: supply of photovoltaic panels and adjoining water system to ensure water and electricity in the School of Agriculture Boroma
Indonesia / Asia (Far East Asia) / well for a social center for students in Kupang, Timor Island, Indonesia	3,600.00	3,980.98	Committed	ODA	Grant	Mitigation	Water and Sanitation	Indonesia	Construction of a well for a social center for students in Kupang, Timor Island, Indonesia
Guinea-Bissau / Africa (South of Sahara) / Water N'Tchangue	12,052.00	13,327.44	Committed	ODA	Grant	Mitigation	Water and Sanitation	Guinea-Bissau	The project aims to create an infrastructure project in the village of N'Tchangue - City of nhacra, (drilling a well) to provide about 1,500 people with drinking water and for irrigation. It will proceed to the drilling of the well, connecting the tower to tanks, connecting tanks to schools, gardens and animal tanks, intakes of drinking water for the population, water recovery in settling tanks.

Benin / Africa (South of Sahara) / Water and solar energy for the population in Atakora and Zou	21,137.20	23,374.10	Committed	ODA	Grant	Mitigation	Water and Sanitation	Benin	Better access to water
Eritrea / Africa (South of Sahara) / Aqueduct improvement of Enghela hospital	32,000.00	35,386.49	Committed	ODA	Grant	Mitigation	Water and Sanitation	Eritrea	Realisation of a new water system with a new well, a new powered photovoltaic pump, a new reservoir to ensure water supply to the hospital and better conditions to the users of the health center.
Colombia / America (South America) / Education and solidarity for the defense of common goods in 5 schools in Colombia	11,944.80	13,208.89	Committed	ODA	Grant	Mitigation	Water and Sanitation	Colombia	To favor access to drinking water in the community schools and to improve supply and quality of water for 1750 people. It is planned to restore the network of aqueducts, to replace 2200 meters of piping, to secure water connections in schools, realising 8 handmade filters for water purification, 5 dry bathrooms, 5 school gardens, to improve health systems inside the schools together with rainwater collection and distribution system purchasing 9 cisterns of 500 l. From dry bathrooms will be obtained a fertilizer to nourish the school gardens. These structural interventions will be accompanied with educational activities for 500 students.
Colombia / America (South America) / Water for five schools	5,465.60	6,044.01	Committed	ODA	Grant	Mitigation	Water and Sanitation	Colombia	Improve water systems
Uganda / Africa (South of Sahara) / Water well in Karamoja	900.00	995.24	Committed	ODA	Grant	Mitigation	Water and Sanitation	Uganda	Drilling of a 100 meters deep well and community management of water infrastructure (capacity building)
Bolivia / America (South America) / Water is life	9,283.12	10,265.53	Committed	ODA	Grant	Mitigation	Water and Sanitation	Bolivia	Better living conditions for 80 families as regards drinking water, food safety and higher incomes

Burkina Faso / Africa (South of Sahara) / Well construction in the Dioceses Koudougou and Dori	8,573.32	9,480.61	Committed	ODA	Grant	Mitigation	Water and Sanitation	Burkina Faso	The construction of drinking water wells the dioceses Koudougou and Dori.
Burkina Faso / Africa (South of Sahara) / Waste: Collecting and awareness raising	2,371.32	2,622.27	Committed	ODA	Grant	Mitigation	Water and Sanitation	Burkina Faso	Awareness raising on the effects of waste on the environment, install waste collection points
Nepal / Asia (South & Central Asia) / Realisation of electricity production system through photovoltaic panels, to be installed in Rarahil Memorial School in Kirtipur	15,960.00	17,649.01	Committed	ODA	Grant	Mitigation	Energy	Nepal	Realisation of electricity production system through solar panels, to be installed in Rarahil Memorial School and related structures.
Congo / Africa (South of Sahara) / Photovoltaic plant for the College Mwanga in Goma, Kongo	30,000.00	33,174.83	Committed	ODA	Grant	Mitigation	Energy	Congo	Construction of a photovoltaic plant for the College Mwanga in Goma, Kongo
Cameroon / Africa (South of Sahara) / Installation of wind turbines and solar panels	18,000.00	19,904.90	Committed	ODA	Grant	Mitigation	Energy	Cameroon	Installation of wind turbines and solar panels in Cajapay areas and Alpamayo, Peru
Mozambique / Africa (South of Sahara) / Low consumption stoves: promotion and distribution process in Pemba city	18,000.00	19,904.90	Committed	ODA	Grant	Mitigation	Energy	Mozambique	Distribution of high energy efficiency stoves to 2750 families in 5 Pemba districts. Raising awareness about importance of improved usage of firewood and coal in order to reduce harmful fumes to health and deforestation that is already in progress in the area.
Burkina Faso / Africa (South of Sahara) / EARTH RESOURCE: Developing sustainable agriculture in favor of rural communities with a view to food security and fight against malnutrition III phase	12,000.00	13,269.93	Committed	ODA	Grant	Mitigation	Agriculture	Burkina Faso	The goal is to contribute to food security and nutrition of the poor and most vulnerable regions of the Cascades, Centre West and Centre Ouest, by improving the nutritional situation of local communities and promote the cultivation of not woody forest products (baobab and pomme du Sahel), rational production of honey in order to contribute to environmental protection and food security; promotion of exchange among the regions involved, know-

									how acquired by the local population in productive activities
Mozambique / Africa (South of Sahara) / Transformation to feed the planet. The chains of cashew, mango, citrus and vegetables in the province of Inhambane	20,653.85	22,839.60	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	The project involves the exploitation, processing and marketing of indigenous productions (cashew and mango) and driving a low environmental impact. It promotes the development of orchards and vegetable gardens and peri-urban. It proposes the delivery and follow up credit to stimulate the start-up of income-generating activities. It provides for the updating of social and health agents about nutrition and proper nutrition and nutrition education sessions and cooking demonstrations.
West Bank and Gaza Strip / Asia (Middle East Asia) / PALESTINE PASS - For Paper Source Safe and Supportive	15,807.69	17,480.58	Committed	ODA	Grant	Mitigation	Agriculture	Other (West Bank and Gaza)	The overall objective is to increase the safety, quality and innovation of the sectors of food production Palestinians, in arid areas and in peri-urban area in Palestine, enhancing biodiversity, cultivation practices and local food traditions, combining them with modern knowledge and agricultural techniques.
India / Asia (South & Central Asia) / Sorghum, legumes, cereals for food safety	11,183.20	12,366.69	Committed	ODA	Grant	Mitigation	Agriculture	India	Promote biodiversity in 50 villages
South Sudan / Africa (South of Sahara) / Cultivation of cereals, livestock breeding, fish breeding in Lomin	12,554.08	13,882.65	Committed	ODA	Grant	Mitigation	Agriculture	Other (South Sudan)	Create a fish pond, site for composting, biogas plant

Peru / America (South America) / In the desert will bloom the hope	14,512.00	16,047.77	Committed	ODA	Grant	Mitigation	Agriculture	Peru	To make the ground fertile through the distribution of bio-fertilizer and to install an additional equipment to the existing water treatment plant. Will be hosted 60 youngsters who will take care of cultivation of products and will distribute them in local markets.
Viet Nam / Asia (Far East Asia) / Development of family farming	76,278.40	84,350.77	Committed	ODA	Grant	Mitigation	Agriculture	Viet Nam	The project aims to develop integrated family farming models which ensure food security as well as income. Therefore, the focus is on some food/nutritional activities as well as on agricultural innovation aiming to create 30 models for collective management systems.
Peru / America (South America) / Insurance measures and adaptation to climate change in rural communities of the Middle Rio Cunas - Andean Zone	30,461.20	33,684.84	Committed	ODA	Grant	Mitigation	Agriculture	Peru	New agricultural techniques that guarantee a sustainable management of water resources and soil inside the local agricultural system. Besides training and technical assistance to the small farming managed by women, will be realised training and awareness activities about hygiene rules at home and youth rights in schools and communities.
Mozambique / Africa (South of Sahara) / Culture and Nature as Strategic Resources for Territorial Development, Community Participation and Good Governance of the IBO District	800.00	884.66	Committed	ODA	Grant	Mitigation	Other (Tourism)	Mozambique	Culture and Nature as Strategic Resources for Territorial Development, Community Participation and Good Governance
Mozambique / Africa (South of Sahara) / Urban and suburban Environmental Protection and renewal in Quelimane.	36,572.80	40,443.22	Committed	ODA	Grant	Mitigation	Other (Urban development and management)	Mozambique	The project aims to improve the environment and health situation in Quelimane, strengthening cooperation among the local authorities, the civil society and the private sector in the integrate managing of urban waste.

Mozambique / Africa (South of Sahara) / Mozambique in Trentino 2.0	140,000.00	154,815.88	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Mozambique	To strengthen a series of activities started long time ago in Caia District, with a particular attention to environmental, economic and social development sectors, to the most needy population groups (disabled people, children, women). There are proposed training activities and technical assistance, in particular a support to agricultural and agri-food sectors (sesame, milk), to local authorities and credit market. Also, will be launched a feasibility study for a service of municipal solid waste collection and disposal in Beira
Colombia / America (South America) / SABOR,ECO Y JUSTO	12,000.00	13,269.93	Committed	ODA	Grant	Mitigation	Other (Rural Development)	Colombia	development of rural economy- production of coffee, oranges and fique
South Sudan / Africa (South of Sahara) / Water emergency: a concrete and sustainable answer in Morobo County	35,926.40	39,728.41	Committed	ODA	Grant	Mitigation	Other (Reconstruction relief and rehabilitation)	Other (South Sudan)	Protection and uptake of 30 natural sources already in use by technicians and local operators, public awareness through the meetings organised by local promoters, foundation of 30 management committees for the maintenance of the sources.
Algeria / Africa (North of Sahara) / realization of a plant greenhouses	680.00	751.96	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Algeria	Reconstruction of a kindergarten in the Wilaya of Dahla (Algeria), the Saharawi camps, destroyed by the 2015 flooding
Peru / America (South America) / Educational workshops for children and young people with disabilities	34,827.60	38,513.33	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Peru	To realise some educational, rehabilitative and vocational workshops.
Tanzania / Africa (South of Sahara) / Schools of the Charawe Village (Zanzibar)	6,000.00	6,634.97	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Tanzania	Construction of latrines for kindergarten, primary and secondary schools of the Charawe Village (Zanzibar)

Zambia / Africa (South of Sahara) / Rural Development in Zambezia	756.00	836.01	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Zambia	The project is a continuation of the previously implemented programs to improve the living conditions of the population of Zambezia, in particular through education / training, reduced illiteracy in post-school age and improvement of technical knowledge in the field of rural development. The activities have allowed us to increase literacy, increase and improve production and economic and income-generating activities, awareness of gender issues and health.
West Bank and Gaza Strip / Asia (Middle East Asia) / Intervention of promoting of employment opportunities disabled women, education children, disadvantaged and empowerment of local actors in Palestine	1,200.00	1,326.99	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Other (West Bank and Gaza)	The project is proposed as a main objective the integration of people with disabilities, in particular women and children. Have been created, with ad hoc activities, conditions of help and support for disability with the actual improvement of working skills useful for employment and socio-economic inclusion of the weakest members of society. The project also develops the promotion of education for children with disabilities by increasing the inclusion thanks to coordination activities, internships, public events and recreational and educational combination with the Ludobus.

Senegal / Africa (South of Sahara) / Empowering women: improving the living conditions and access to education in the region of Kaffrine Senegal	1,200.00	1,326.99	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Senegal	The project intervenes to support the empowerment of women through their economic empowerment with the development of agricultural production. In addition, there was an improvement of health services thanks to the emergence of a laboratory within the hospital of Kaffrine. Were made, in the Kaffrine region, information campaigns on the theme health, education, food security, the fight against malnutrition and disease prevention. A project in continuity and development compared to previous years.
Bosnia and Herzegovina / Europe / "Become an Entrepreneur 2016 "	3,200.00	3,538.65	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Bosnia and Herzegovina	Project "Become Entrepreneur 2016": improving knowledge and skills of young people and promote entrepreneurial culture
Bolivia / America (South America) / Support for the improvement of the health condition of the population of the area of Bolivian Chaco	39,997.20	44,230.01	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Bolivia	The aim is studying zoonoses of interest for human and veterinary investigating in particular the spread of infectious agents between humans and animals, and vice versa within a population of 378.000 people. The intervention contributes to the containment of the spread of bacterial resistance to antibiotics and prevention of hospital infections and promote the upgrading of laboratory activities and operation of the network of laboratories.
Brazil / America (South America) / "Corporalmente" Social, healthcare and educational actions	1,400.00	1,548.16	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Brazil	Project "bodily": action taken by the non-profit organization "Projeto Liberdade" through social action, education and health for children and



									families in the (Rio de Janeiro favela of Vila do Vintem)
Chad / Africa (South of Sahara) / Support for maternal and child health in the district of Bebedjia (Chad)	7,200.00	7,961.96	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Chad	Overall objective of the project is to reduce infant and maternal mortality in the Eastern Logone region and improve the health conditions of the rural population. The specific objective is to increase the quality of health of Immediate facilities (health centers) in rural Eastern Logone.
Democratic Republic of the Congo / Africa (South of Sahara) / Kinta	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Democratic Republic of the Congo	General objectives of the project is to improve the living conditions, in particular health, in the villages of Kinta through the creation of a medical dispensary emergency and activation of a community care system able to provide articulate answers to the needs of families; to facilitate the access to health services basic and advanced; to strengthen the synergy and the local network between the various facilities belonging to the Pediatric Kimbondo Foundation.
Sierra Leone / Africa (South of Sahara) / Kabala hospital and its territory: strategies of recovery and functional rehabilitation	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Sierra Leone	The overall goal is improving the infrastructure of Kabala hospital to allow for greater efficiency in health care; ensure continuity of care and treatment at the hospital in Kabala by groups of volunteer doctors belonging to the association of the proponent and other project partners. The specific objective is to increase the effectiveness of Kabala Hospital both in direct medical interventions both in preventive medicine.

Mozambique / Africa (South of Sahara) / Community development and health for the rural population of the province of Manica, Mozambique	660.00	729.85	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Mozambique	The goal of the project, in continuity with the previous annuity, and 'to contribute to the improvement of living conditions of people affected by leprosy and tuberculosis in rural communities in the Manica province. The project creates opportunities for social inclusion, through income-generating activities for marginalized and discriminated against because of leprosy and tuberculosis. Infectious diseases, in fact, cause and aggravate the conditions of poverty and inequality. The activities that take place within the project, are supervised by educators and technicians in order to make them useful and proactive. They organize public meetings, open to the community to raise awareness about infectious diseases and to tell the opportunities of the project with concrete results.
Bolivia / America (South America) / Advanced training in emergency / urgent sector for health personnel of the Bolivian Chaco	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Bolivia	Overall project objective is to improve the field of Emergency/Urgency in the Bolivian region of Chaco, from an educational point of view, management and organization. Specific objective is to strengthen the emergency/urgency system of health facilities in the Chaco involved in the project, from the point of view of strengthening the professional skills, the more control/monitoring of cases of trauma (Trauma Registry) and learning the instructions of the WHO in the field of Ready-rescue

Turkey / Europe / Local development models	11,956.00	13,221.28	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Turkey	DEVELOPMENT OF LOCAL SERVICES AND ACTIVE CITIZENSHIP-SOCIAL INCLUSION
Kenya / Africa (South of Sahara) / Fighting AIDS and poverty	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Kenya	Fighting AIDS and promoting food security and sustainable agriculture in the town of Nanyuki, Laikipia County, Kenya -
West Bank and Gaza Strip / Asia (Middle East Asia) / Support to international cooperation activities by Italian (Tuscan) local authorities in Palestine	16,000.00	17,693.24	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Other (West Bank and Gaza)	The general objectives of the project are: promoting and enhancing cooperation activities and relations among Palestinian, Israeli and Tuscan local authorities; sustaining local Tuscan municipalities projects in Palestine by strengthening local government policies and enhancing local resources and skills
Tanzania / Africa (South of Sahara) / Cross-border Programme in Uganda/Tanzania for year 2016-2017	18,021.92	19,929.14	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	Activities to promote agriculture
Burkina Faso / Africa (South of Sahara) / Partnership between the Province of Bolzano and the Regions South East and Sahel on food safety and water	30,800.00	34,059.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	Activities to promote food safety and access to water
Myanmar / Asia (South & Central Asia) / Safeguarding the Pa'O minority in Shan State	12,404.00	13,716.69	Committed	ODA	Grant	Cross-cutting	Agriculture	Myanmar	Better living conditions through agriculture
Mozambique / Africa (South of Sahara) / Estaquinha: livestock breeding and food safety	16,817.08	18,596.79	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	Set up hare breeding
Burkina Faso / Africa (South of Sahara) / Construct storing facilities for fodder for the women's association	19,210.80	21,243.84	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	Construct storing facilities for fodder for the women's association in Zawara
Lebanon / Asia (Middle East Asia) / Promote practical beekeeping	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Agriculture	Lebanon	Promoting the practice of beekeeping in rural communities in the South of Lebanon

Côte d'Ivoire / Africa (South of Sahara) / CHOCO/ABEL - A laboratory for artisan chocolate production.	3,600.00	3,980.98	Committed	ODA	Grant	Cross-cutting	Industry	Côte d'Ivoire	The raw material used (dried cocoa beans) will be provided by cooperatives and small producers already operating in the fair trade channel (in respect of human rights and the environment), to which the price fair trade will be recognized. In the laboratory work a group of young people from disadvantaged social groups. The courses are 12 in 10 centers (600 the students enrolled, children, youth and adults). The canteen offers a meal to children.
Lebanon / Asia (Middle East Asia) / Ghazze in progress	24,000.00	26,539.87	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Lebanon	REFUGEES MANAGEMENT AND INTEGRATION
Nicaragua / America (North & Central America) / Emergency IRC (Chronic Renal Failure) in the Department of Leon. Epidemiological research and health promotion	20,000.00	22,116.55	Committed	ODA	Grant	Mitigation	Other (Health General)	Nicaragua	It determines the prevalence of the disease through a population survey, identifying the association between the disease and the predominant risk factors. Through prevention campaigns the project strengthens the capacity of local communities to prevent IRC. It provides an interchange between local professionals and the Italian equipe, and activates a center for peritoneal dialysis in the municipality of Malpaisillo.
Mozambique / Africa (South of Sahara) / Seed the future: promotion of security food in order to improve maternal and childish health in the Mourrumbene District.	39,999.98	44,233.08	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Mozambique	The project aims to improve the condition of people who live in the Inhambane Province by the means of security and safety food to mothers and children.
Kenya / Africa (South of Sahara) / Never without food: actions to strengthen security and safety food in dry and semidry areas in the north of	15,580.80	17,229.68	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Kenya	The project aims to improve the nutrition and health condition of population in Samburu County.

Kenya.									
Peru / America (South America) / Human Rights and Health: training and prevention to support the rural communities of Apurimac	8,000.00	8,846.62	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Peru	The project's overall objective is to contribute to the improvement of the health conditions of the rural populations of the Hight Apurimac Provinces. Specific objective is to improve the capacity for intervention and medical-health prevention.
Afghanistan / Asia (South & Central Asia) / Fight against female violence in Herat and Bamyan provinces.	33,640.00	37,200.04	Committed	ODA	Grant	Mitigation	Other (Government and civil society general)	Afghanistan	The projects works to reduce the causes which produce discrimination and female violence. The women who take part to the project receive skills and education to improve their condition of life by means of creation a small local business.
Central Asia, regional / Asia (South & Central Asia) / SILK4FVG	44,000.00	48,656.42	Committed	ODA	Grant	Mitigation	Transport	Asia Pacific	transport and logistics development for cooperation between asia and europe
West Bank and Gaza Strip / Asia (Middle East Asia) / Economic development in Palestina by the means of renewable energies.	32,400.00	35,828.82	Committed	ODA	Grant	Mitigation	Energy	Other (West Bank and Gaza)	The project aims to develop some area of Palestina country by the means of education on renewable energies to young people.
Sri Lanka / Asia (South & Central Asia) / SRI-BIZ-Integrated Rural Dev. through Sustainable Business Social. Technology and innovation applied to 2 traditional food chains: spices and rice	24,000.00	26,539.87	Committed	ODA	Grant	Mitigation	Agriculture	Sri Lanka	The project involves the construction of actions that will help to enhance the supply chains of spices and rice, which can be grouped into four types: a) introduction of agricultural products with high profit margin; b) creation of infrastructure for the processing of products; c) development of marketing in local markets and metropolitan

Nepal / Asia (South & Central Asia) / The fruits of the garden: the "home gardens" for sustainable agriculture in Nepal and Lombardy	12,673.27	14,014.45	Committed	ODA	Grant	Mitigation	Agriculture	Nepal	The project aims to improve access to food and the quality of the diet for the most vulnerable families in the towns of the district of Kavre, Nepal, structuring and improving the practice widespread and culturally accepted the cultivation of home gardens (HG) in suburban areas .
Senegal / Africa (South of Sahara) / Sustainable Agriculture and Biodiversity: Rice and Gardens Family, practices of co-development	5,981.54	6,614.55	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	The project stands as share consolidation of the activities in the agricultural sector in the south of Senegal, Ziguinchor Region. The project operates in the fields of rice and horticultural and includes actions to strengthen the production (training, provision of equipment, availability of credit lines) through the involvement of a wide network of actors also in Lombardy.
Brazil / America (South America) / Sustainable development for small farmers in semi-arid areas	14,495.21	16,029.21	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	The project will intervene by raising awareness among small farmers of their rights; providing technologies for consolidation of production systems; identifying synergies between small farmers and the local school canteens; spreading methodologies to prevent the impact of drought; strengthening national networks that require the application of national programs to combat hunger; providing, finally, to schools and citizenship Lombard new tools to study issues of the right to food and food waste.

Kenya / Africa (South of Sahara) / Gardens of the road	13,384.62	14,801.08	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	"Gardens of the Road" is a multi-sectoral intervention of food security, inclusive and integrated approach to facilitate access to food, the integrated management of disease and malnutrition, promoting behavioral changes, the consolidation of policies aimed at ensuring the application the right to food as a fundamental human right, in the district of Dagoretti (Nairobi, Kenya).
Mozambique / Africa (South of Sahara) / Food security and energy independence: strengthening the chain of family peri-urban	14,862.46	16,435.32	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	The project aims to respond to the high economic and social vulnerability of the local producers of the peri-urban area of Maputo in Mozambique and the Valley of the Piranga Brazil. The project intends to address these issues through: capitalization and transfer between the two countries good practices of sustainable agriculture and energy independence in the two territories; strengthening the capacity of access to urban markets and enhancement of innovative marketing channels.
Serbia / Europe / Food Development. Family farming and processing sectors in the regions of Thies and Louga	9,788.31	10,824.18	Committed	ODA	Grant	Mitigation	Agriculture	Serbia	The project aims to contribute to providing a detailed answer to the complex problems that undermine the development of the agricultural sector Senegalese, resulting fallout on food sovereignty and local economic growth. In particular it highlights problematic factors related to backwardness of the technologies available, the limitation of water resources in a context of reduced rainfall and recurrent droughts, the

									shortage of investment in the sector of family farming.
Haiti / America (North & Central America) / Fight against malnutrition in Haiti: production of food supplements and socio-economic development of the food chain	7,784.86	8,608.71	Committed	ODA	Grant	Mitigation	Agriculture	Haiti	The project aims to support the chain of tubers and cereals, involving Haiti to Expo 2015, and the chain of Moringa oleifera, aimed at the production of food supplements for children. Local producers beneficiaries will receive technical assistance and incentives to the production and marketing will be supported through an agreement with the social enterprise existing at the Université Notre Dame de Haiti. Alongside it will be implemented a training program and community outreach to help reduce malnutrition.
Mozambique / Africa (South of Sahara) / FROM SEED TO DISH Community Resilience, biodiversity and access to food markets in Pemba	18,136.70	20,056.07	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	The project intends to intervene in the whole chain of food of vegetable origin (in particular cereals, tuberos and vegetables), specifically: providing technical assistance to small local associations; increasing access, by consumers of the city of Pemba, in horticultural products of quality through the creation of social Pemba Verdeche it contains the same local producers; promoting the city of Pemba, with particular attention to young people in high schools, good nutrition and the consumption of local products.



Bolivia / America (South America) / Small seeds, great opportunities!	14,089.73	15,580.82	Committed	ODA	Grant	Mitigation	Agriculture	Bolivia	The project aims to enable the production of organic corn and amaranth with environmental sustainability criteria, increasing quantity and quality, solving the problems related to their cultivation and promoting the dissemination and sale, encouraging the active and direct participation of the inhabitants of area.
Uganda / Africa (South of Sahara) / Agro ecology, Entrepreneurship and Social Development	7,683.82	8,496.98	Committed	ODA	Grant	Mitigation	Agriculture	Uganda	The project aims at the promotion and application of a model of sustainable development in agriculture that will encourage reflection and global citizenship education at Expo2015. The project will use pilot projects already tested to expand the production and marketing of coffee and vegetables from greenhouses.
Senegal / Africa (South of Sahara) / Sustainable Agriculture and Biodiversity: Rice and Kitchen Gardens, co-development practices	4,000.00	4,423.31	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	Rice and Kitchen Gardens: policies for co-development. The project has a development strategy aimed at achieving food self-sufficiency in local communities of Koumban and Kondokhou strengthening the supply chain of the rice and the vegetable.
Mozambique / Africa (South of Sahara) / Pro.IBO innovative technologies for agricultural production and environmental health in IBO District.	37,120.00	41,048.32	Committed	ODA	Grant	Mitigation	Agriculture	Mozambique	The project aims to promote the economic, inclusive and sustainable development for IBO local Community by means of balance nutrition, health and environmental standard and new economic opportunities.

Myanmar / Asia (South & Central Asia) / Feed the future in Shan State of Myanmar.	40,000.00	44,233.11	Committed	ODA	Grant	Mitigation	Agriculture	Myanmar	The project aims to fight against poverty and social exclusion, promoting food safety and security. The project works to improve the local cultivations (rice, soybeans, corn etc.) in Kon Long Village Tract, Minethaw East Village Tract e Pa-O area.
Kenya / Africa (South of Sahara) / Food sostenible production in dry and semi-dry lands, by means of local authorities and improvement of child nutrition in Migori County.	39,960.00	44,188.88	Committed	ODA	Grant	Mitigation	Agriculture	Kenya	The project aims to reduce the rate of malnutrition children assuring food to the vulnerable range of local population by means of integrated programme for female empowerment.
Colombia / America (South America) / Institution of a safety food center in Bogotá.	38,160.00	42,198.39	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	The project aims to build a center involved in the security and safety food items and in the spread of best practices on nutrition culture in a vulnerable area of Bogotá. Moreover the project will contribute to reinforce the relation among the local authorities and economic organizations, in order to reinforce the capacity to exchange knowledges regarding health and nutrition.
Tanzania / Africa (South of Sahara) / Terra Viva in Melela Bustani -Morogoro, Tanzania	16,000.00	17,693.24	Committed	ODA	Grant	Mitigation	Agriculture	Tanzania	Develop the primary sector of Melela Bustani Farm, to encourage the growth of local population, to create employment and training opportunities, to develop resources and local products, through: maintenance and breeding improvement of 50 cows aiming at marketing milk with favourable prices and preparation of 425 acres of land for cultivation of corn, sunflower and

									other local products; jobs creation by hiring workers for cultivation; granting of land plots to women through simple forms of credit
Ecuador / America (South America) / "Pachamama" Support for better food safety	16,315.51	18,042.14	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	"Pachamama" is meant to enable an action plan to defend the sovereignty and food security for a greater and better economic development in Ecuador and an awareness campaign and marketing, through the implementation of a sales fair solidarity. The project aims to increase the practice of ecosystem management, to improve the yield of such crops. It will work to support and strengthen production, and identifying ways that allow to protect the native species of the Cacao Nacional Fino de Aroma.
Senegal / Africa (South of Sahara) / Feeding Development - Senegal	703.06	777.46	Committed	ODA	Grant	Adaptation	Agriculture	Senegal	The project contributes to the social-economic development of Merina Ndakhar and Ndade rural communities reinforcing the local agricultural and food sector. The project focuses in particular on agricultural production and processing supply chain, enhancing the soil's sustainable use.
Peru / America (South America) / Superalimentos: enhancement and promotion of quinoa and brasil nut supply chain in Peru	39,512.00	43,693.46	Committed	ODA	Grant	Mitigation	Agriculture	Peru	The project aims to sostenible devolpment and reduction of poverty in Madre de Dios region, Mancomunicad de los andes area by means of exportation, trade and

									consumption of local products (Brasil nut and quinoa).
Peru / America (South America) / Caffè corretto: promotion of young entrepreneurship in agricultural sectors and in particular in coffee production.	40,000.00	44,233.11	Committed	ODA	Grant	Mitigation	Agriculture	Peru	The project aims to reduce rural poverty among people who live in a peruvian region characterized by a high production of coffee.
Ethiopia / Africa (South of Sahara) / Links: economic and social integration young people and women, innovation and diasporas	16,000.00	17,693.24	Committed	ODA	Grant	Mitigation	Agriculture	Ethiopia	The overall project objective is the improvement of the living conditions of the target communities. The planned activities are: orientation training for a group of 375 people; the subjects will be business start-up, business income, domestic and business activities, time and resources management; feasibility enterprise on business ideas will be eventually evaluated; entrepreneurship training for 75 women on issues concerning development and management of micro-enterprises; training on agro-food production for 70 women
Benin / Africa (South of Sahara) / Women self - promotion and economic development in Benin	16,000.00	17,693.24	Committed	ODA	Grant	Mitigation	Agriculture	Benin	Strengthening of the capacity and participation of women, gathered in groups and in 3 platforms of agricultural products processing and marketing, to income-generating activities in agriculture, by enhancing traditional products and local production chains. Improving the performance with training, workshops and provision of a 33 women's groups credit funds involved in manufacturing, processing and

									marketing of food chains of cassava, soya and tapioca.
Sierra Leone / Africa (South of Sahara) / S.I. P.O.' F.A.'	7,245.56	8,012.35	Committed	ODA	Grant	Mitigation	Agriculture	Sierra Leone	The project aims to strengthen, structure and optimize the production chain, paying attention to food safety: improving availability and access to nutritious food and the important potential as a cash crop, with the support and technical infrastructure processes of storage and processing; innovation in the supply chain: after mapping of the subjects and market analysis, you will work together to provide expertise and identify options for business models for the production-processing-marketing
Senegal / Africa (South of Sahara) / P.A.I.S.I.M.	16,000.00	17,693.24	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	The project aims at reducing poverty and the deep causes of irregular migration by supporting female rural economy in the north of Senegal, in the rural area of Thiès and Louga regions, and supporting of social enterprises and migration initiative in the regions of Saint Louis, Louga and Thiès in Senegal – PAISM. The proposal continues and develops the activities for the creation of agricultural and food chains already started by Ipsia and Sunugal within the project "Feeding Development".

Benin / Africa (South of Sahara) / Social enterprise for women and educational programs for the development of local agricultural supply chains	13,415.54	14,835.28	Committed	ODA	Grant	Mitigation	Industry	Benin	The intervention works on the chain of three local agricultural products, cassava, peanuts and soybeans. Groups already active and involved in previous projects, mainly engaged in production and processing of cassava. Groups that will be accompanied in the stages of production and processing. Vulnerable groups of women, with a particular program of support to guarantee an annuity for the women involved.
America, regional / America / Golfo di Fonseca: a model of sustainable development	101,457.60	112,194.63	Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Latin America and the Caribbean	Institutional building assistance to 24 Municipalities in the area of Golfo de Fonseca (Central America- Nicaragua, Honduras, El Salvador) to support decentralisation processes, management systems of environmental policies and development planning.
Democratic Republic of the Congo / Africa (South of Sahara) / Development cooperation in RDC	10,000.00	11,058.28	Committed	ODA	Grant	Mitigation	Cross-cutting	Democratic Republic of the Congo	The goal of the project is to disseminate to the social actors (educational agencies and administrative local traditional authorities) the issues of food security, biodiversity protection and gender equality through the exchange of good practices and the development of new activities and innovative socio-economic, agricultural, food and ecological chains, sustainable energy, protection and proper management of environment, environmental education, providing the area with technician and promoters
Ethiopia / Africa (South of Sahara) / Jijiga:	18,072.60	19,985.18	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	Improve access to drinking water and

Better living conditions and resilience to natural disasters									hygiene, protection of young children from violence
Uganda / Africa (South of Sahara) / Assistance to refugees from South Sudan in Koboko, West-Nile	64,062.00	70,841.53	Committed	ODA	Grant	Adaptation	Water and Sanitation	Uganda	Drilling of a new well and renovation of other 15 no longer functional.
Bosnia and Herzegovina / Europe / Construction of water supply for public schools and other houses in the village of Osmače, town of Srebrenica - Republika Srpska	23,569.00	26,063.25	Committed	ODA	Grant	Adaptation	Water and Sanitation	Bosnia and Herzegovina	Water supply improvement
Ethiopia / Africa (South of Sahara) / Safe drinking water in Kindergardens 2016	40,597.20	44,893.51	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	Provide safe drinking water for three kindergardens and two open standpipes for the population
Nepal / Asia (South & Central Asia) / Construction of a drinking water system	31,708.60	35,064.25	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nepal	Construction of a drinking water system
Syrian Arab Republic / Asia (Middle East Asia) / Syrian Emergency: Social Help to Women and Children vulnerables	4,000.00	4,423.31	Committed	ODA	Grant	Adaptation	Water and Sanitation	Syrian Arab Republic	Increase coverage access and use, by the local commuties, health service in an effective and sustainble form. This involves a delicate job and patient awarness of beneficiars, especially of vulnerable groups such as pregnant women and children, to take advantage of the healt services and to adopt practices or correct health behavior.
Pakistan / Asia (South & Central Asia) / Construction of a sewage system and clarification plant	19,178.60	21,208.23	Committed	ODA	Grant	Adaptation	Water and Sanitation	Pakistan	Construction of a sewage system and clarification plant
Benin / Africa (South of Sahara) / A van for waste collection, eco center Natitingou	6,681.50	7,388.59	Committed	ODA	Grant	Adaptation	Water and Sanitation	Benin	Purchase of a van

Burkina Faso / Africa (South of Sahara) / Ne Yi Beeogo Burkina Cultivating rights for women	16,500.00	18,246.16	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	The project "Cultivating Rights for Women" is part of Ne Yi Beeogo Burkina which involves 5 Italian Municipalities working in cooperation with the Municipality of Ouahigouya in Burkina Faso. This project supports production and transformation of cereal products of women community in Ouahigouya area with the double aim of increasing the women income opportunities and improving the quality and quantity of available food (cereal flour). The intervention involves: setting up of an electric mill, training and awareness campaign in Burkina Faso and Italy.
Central African Republic / Africa (South of Sahara) / La Yole (ZAR) - Food safety for children and their communities	55,043.10	60,868.19	Committed	ODA	Grant	Cross-cutting	Agriculture	Central African Republic	Provisions for families, seeds and plants for agricultural activities
Sri Lanka / Asia (South & Central Asia) / Commercialisation and processing of organic products in North Sri Lanka	24,353.70	26,931.00	Committed	ODA	Grant	Cross-cutting	Agriculture	Sri Lanka	Promote better living conditions for small scale farmers in post conflict areas by strengthening their trade capacities and their capacities to process their products
Jordan / Asia (Middle East Asia) / Network for sustainable development and production as well as commercial innovation of Aloe Vera producers	239,841.00	265,222.82	Committed	ODA	Grant	Cross-cutting	Agriculture	Jordan	A support to small farmers to foster their aggregation and retraining in production, management and trade. The objectives consist of: to improve the quality and productivity of the product, to complete the production chain, to sell the finished product in the local and international markets in order to have a higher profit margin.
Peru / America (South America) / Supply of technical equipment for two missions of Mato Grosso Operation in Ancash Region	22,208.00	24,558.22	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	To provide technical equipment for two missions in Peru. The first one is in need of an adequate equipment for the soil cultivation: a small tractor,



									and a rototiller. The second mission is in need of a van for the easier transfers.
Kenya / Africa (South of Sahara) / Cheese factory with the purchase of livestock and equipment	45,000.00	49,762.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	Construction of a cheese factory with the purchase of livestock and equipment in Karemeno / Mugunda, Central Province
Kenya / Africa (South of Sahara) / A warehouse for the storage and sale of grains and legumes produced by farmers	25,000.00	27,645.69	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	Construction of a warehouse for the storage and sale of grains and legumes produced by farmers in the area Mitunguu, Meru region
Tanzania / Africa (South of Sahara) / Farm in Melela Bustani - Morongoro, Tanzania	20,212.75	22,351.82	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	The goal of the project is the development and improvement of primary and secondary sector, through two macro-actions, one for farming, one for agriculture. For the first one the specific activities are: purchase of cows; production of pastures and purchase of seeds for the cows; creation of training programs for farm management; farming income reinvested within the company and for assistance to poor people. For the second macro-action: granting plots of land to some local women by using forms of credit; creating a cooperative group.
Ethiopia / Africa (South of Sahara) / Safe harvest 2016	52,500.00	58,055.95	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Provide seeds to 2.000 small scale farmers, trainings
Peru / America (South America) / Provision of technical equipment	23,000.00	25,434.04	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	Provision of technical equipment to two of Operation Mato Grosso centers, in the Ancash region
Chad / Africa (South of Sahara) / Promoting the alimentary diversification in Chad: support to the local communities in Hadjer Lamis region	22,149.00	24,492.98	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	The improvement of breeding processes, prophylaxis and transformation of livestock through a construction of facilities for

									vaccination and slaughter.
Burkina Faso / Africa (South of Sahara) / The Africa is our tomorrow, challenge of Villar Perosa in the village du "commune de Réo"	14,906.00	16,483.47	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	Improvement and training on food production through the increase of community gardens, storage and maintenance, breeding of animals of small ransoms; infectious pathologies to the inadequate manipulation of the foods
Cambodia / Asia (Far East Asia) / Saat School – Siem Reap Cambogia	1,590.00	1,758.27	Committed	ODA	Grant	Cross-cutting	Agriculture	Cambodia	The aim of the project 'to support, for many years, and grow a training center, where young unemployed of Siam Reap province can learn a trade and so become self-sufficient and financially support even their own families of belonging. It was created an iron workshop that, to date, self-sustaining, in addition, there are English classes for children aged 13 years and IT. The total number of students is 257. Among the 75 students have successfully completed their studies with the final exam.
Burkina Faso / Africa (South of Sahara) / Enndam project 2016	6,837.00	7,560.54	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	The project is developed along the following three priority areas: 1. strengthen the skills and competencies of municipal services in the management of services for citizens and programming at support of local governance. 2. support the sustainable socio-economic development, support local business initiatives already undertaken in the past decade and promote new ones to fight against poverty and food insecurity by strengthening the capacities of associations. 3.

									contribute to the policies of information, communication and awareness promoted by local governments on sustainable development and decentralized cooperation.
Tanzania / Africa (South of Sahara) / Kolcafé II	24,853.50	27,483.69	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	Better income for small scale farmers in Kilima through better coffee cultivation, processing and commercialization in a cooperative
Middle East, regional / Asia (Middle East Asia) / Pal Pass Me – Strengthen the fair couscous production in Palestine	44,030.00	48,689.59	Committed	ODA	Grant	Cross-cutting	Agriculture	Middle East and North Africa	Activities to improve the quality of production and to improve commercialisation
Kenya / Africa (South of Sahara) / Improve processing plant of Meru Herbs	27,367.20	30,263.41	Committed	ODA	Grant	Cross-cutting	Agriculture	Kenya	Purchase of a new packaging machine, improvement of the drying process
Ecuador / America (South America) / Construction of a processing site for cocoa beans for small scale farmers of the cooperatives	48,476.40	53,606.55	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	Construction of a processing site for cocoa beans for small scale farmers of the cooperatives Uoprocae and Eloy Alfaro
Viet Nam / Asia (Far East Asia) / Sustainable production of medicinal plants in Son Dong District	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Agriculture	Viet Nam	Purchase of machines for chopping medicinal herbs and related training on their preservation and processing
Philippines / Asia (Far East Asia) / Upgrading, renovating and adaptation of the processing plant and of two sugar mills	48,661.20	53,810.90	Committed	ODA	Grant	Cross-cutting	Agriculture	Philippines	Upgrading, renovating and adaptation of the processing plant and of two sugar mills of Kamada
Timor-Leste / Asia (Far East Asia) / Tilapia-fish-farm	22,500.00	24,881.12	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Timor-Leste	Building of tanks and accessories for the Tilapia-fish-farm on the Atauro-Island
Uganda / Africa (South of Sahara) / Food safety	7,464.80	8,254.78	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Uganda	Fish breeding
Timor-Leste / Asia (Far East Asia) / Construct tubs for Tilapia fish breeding	23,100.00	25,544.62	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Timor-Leste	Construct tubs for Tilapia fish breeding

Developing countries, unspecified / / Membership fee to FPMCI: Technical support to implement decentralized cooperation	154.00	170.30	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Other (Developing countries)	FPMCI is an Association of Local Authorities which offers technical support, information and partnership opportunities to Local Authorities in order to implement decentralized cooperation and International solidarity actions through a specific bottom-up integrated approach.
Africa, regional / Africa / Membership coordination common for peace	1,158.36	1,280.95	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Africa	Coordination and organization of decentralized cooperation, with consequent rationalization of resources and increase the efficiency of cooperation on-site intervention.
South of Sahara, regional / Africa (South of Sahara) / Aid to children	480.00	530.80	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Other (South Sahara)	Contribution to Action aid international for sustenance of 4 children
India / Asia (South & Central Asia) / Aid to children	699.20	773.19	Committed	ODA	Grant	Cross-cutting	Cross-cutting	India	Contribution to Action aid international for sustenance of 6 children
Bosnia and Herzegovina / Europe / Reciprocity horizons 2016	36,000.00	39,809.80	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Bosnia and Herzegovina	The project is a part of a twenty-year relationship between Trentino and Prijeedor Municipality and concludes a three-year program started in 2014. The objectives of diverse initiatives proposed refer to the strengthening of cohabitation process and reconciliation between different national groups, protagonists of the conflict of the 90s, and a promotion of a fair and sustainable economic and social development. The proposed activities include different areas: youth protagonism, culture and memory, rights and social inclusion, active citizenship, economic and social development. All the activities are based on a strong coolaboration

									and interchange between competent subjects from Trentino (associations, cooperatives, schools..) and Bosnian partners.
Tanzania / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	22,800.00	25,212.87	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Tanzania	Purchase of a cross-country vehicle to ensure the safety of humanitarian workers in the implementation of projects in Pre-Sahel area in Parakou, Benin
Côte d'Ivoire / Africa (South of Sahara) / Construction of a woodworking handicraft structure for the training and the inclusion of young people in business social fabric of the country	6,000.00	6,634.97	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Côte d'Ivoire	Construction of a woodworking handicraft structure for the training and the inclusion of young people from the region Attobrou in business social fabric of the country
Serbia / Europe / social entrepreneurship for social inclusion	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Serbia	development of social entrepreneurship and social inclusion
Burkina Faso / Africa (South of Sahara) / The colours of development: one brick at a time	5,920.00	6,546.50	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Burkina Faso	The colors of development: one brick at a time
Sudan / Africa (South of Sahara) / Strengthen the resilience of agro-pastoral communities in Red Sea State Sudan	9,198.00	10,171.40	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Sudan	Income-generating activities and better access to drinking water
Senegal / Africa (South of Sahara) / Boolo and Ligey – Together to work. Empowerment, training and development between Diol Kadd and Guediawaye	4,998.70	5,527.70	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Senegal	The project concerns the improvement of life conditions of Diol Kadd population, through training, education / literacy, in order to encourage the start-up and proper management of income-generating activities related to agriculture, sustainable tourism and the

									improvement of educational offering of the local school, involving in particular women and children, and promoting new partnerships useful to exchange best practices gained by the different local actors.
Uganda / Africa (South of Sahara) / Continued vocational training for refugees and host communities: Autonomy and sustainable living	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Uganda	A follow-up of the previous initiative where other 350 refugees will be provided with the agricultural training and land assignment to start a small agricultural production for their own consumption and sale.
Ethiopia / Africa (South of Sahara) / Education and micro credit for women in Adua	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Ethiopia	The goal of the project is to contribute to improving the living conditions and human, social and economic development of young women of Adua, living in serious economic difficulties: training program, agricultural production and marketing for 50 women; 1 evening course in tailoring for 20 young women worker; 1 year embroidery course for 40 girls; support for the creation of cooperative groups and promotion of self-employment for young vulnerable women; provision of microcredit loans given to at least 60 women

Ecuador / America (South America) / With both feet on the ground – Social farming for the redemption of children at risk	93,350.00	103,229.02	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Ecuador	To guarantee vulnerable children a medical and physiotherapeutic care, necessary medicines, educational support and 6 extra courses. Will be activated 2 experimental national programs "Familiar welcome" for 15 children in need, and "Autonomy", a path to job placement and a conquest of individual autonomy for 40 children close to the age of majority. The second block of activities will develop forms of agricultural production and common use of land. It is planned to cultivate 17 ha of pure cacao and organic coffee, 2 ha of fruit trees, to start farming activities and a promotion of ecotourism. It is also planned to activate 15 traineeships in agriculture for young people. Moreover, 100 families will benefit from kit for the realisation of their own garden, will be trained and technically instructed. Finally, the project involves the promotion of commercial networks in the food sector.
Developing countries, unspecified / / Travelling with fair trade	18,000.00	19,904.90	Committed	ODA	Grant	Cross-cutting	Not applicable	Other (Developing countries)	The project aims to improve the awareness of fair trade and sustainable commerce in the developing countries, creating two videos on cocoa production chain to be published on Web sites, social networks or public meetings. Some producers and workers will be invited in public meeting and schools to talk about their experience as a model of commerce that respects human

									rights.
Kenya / Africa (South of Sahara) / ENERGY AUTONOMY FOR URAFIKI MEDICAL CENTRE	30,000.00	33,174.83	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Kenya	DEVELOPMENT OF HEALTH SERVICES IN RURAL AREAS
China (People's Republic of) / Asia (Far East Asia) / Promotion of food security and healthiness among the nomadic Tibetan communities in Chengduo County.	117,134.00	129,530.02	Committed	ODA	Grant	Adaptation	Other (Health Basic)	China	Renovation of a veterinary clinic, training of 26 para-veterinarians, training of 60 women in the production of dairy products, collection of traditional techniques of farming and animal care, raising awareness about importance of hygiene and health food
Guinea-Bissau / Africa (South of Sahara) / struggle against tuberculosis, anemia and malnutrition in guinea bissau	13,200.00	14,596.93	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Guinea-Bissau	The project takes place at the hospital "Raoul.Follereau" in Bissau, Guinea Bissau, a country with a very low human development index. It is the national centre for the struggle to TB diffusion. The project aims to reduce mortality rates from TB, anemia and malnutrition in patients admitted through radiological diagnosis, microbiological and biochemistry of these diseases. It also provides health education of inpatients and literacy of pediatric inpatients.
Zambia / Africa (South of Sahara) / Woman-Child Project Zambia	16,000.00	17,693.24	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Zambia	The project refers to activities in the rural area of Masaiti Health District and in the urban area of Ndola, with the purpose of promoting and improving the health and nutritional conditions of women and children.
Ethiopia / Africa (South of Sahara) / Construction of the San Marco Klinik,	24,092.88	26,642.57	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Ethiopia	Construction of the San Marco Klinik, malnutrition ward, in Yegwe Gipe



malnutrition ward									Village
Nepal / Asia (South & Central Asia) / Child malnutrition prevention and nutritional education	6,800.00	7,519.63	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Nepal	Child malnutrition prevention and nutritional education to villages in County Cueibet, South Sudan
Guinea-Bissau / Africa (South of Sahara) / Fight against TBC in women and children in Guinea Bissau	16,000.00	17,693.24	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Guinea-Bissau	The Project aims to improve the health of women and children in the area of "Raoul Follereau" Hospital in the city of Bissau. In particular it aims at improving the knowledge of sanitary and nutritional status of women and children who have access to the outpatient clinic services with health care-education lessons in order to prevent the spread of endemic tuberculosis, malaria and malnutrition. Accurate diagnostic tests for TBC, malaria, HIV, infectious and nutritional disorders are also provided
Guinea-Bissau / Africa (South of Sahara) / Fight against TBC in women and children in Guinea Bissau	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Guinea-Bissau	The project objectives are: improvement of women's and children's health, reducing consequently maternal and infant mortality from tuberculosis, malaria, AIDS, infectious and nutritional diseases; improving the health and nutritional hygienic knowledge of women, adolescents and children; food safety; improving the sanitation knowledge and planning skills of the local staff. The project actions will be carried out partly at the basic clinic of "Raoul Follereau" Hospital of Bissau accessible to all people from the hinterland and villages

Zambia / Africa (South of Sahara) / Woman-Child project - Zambia	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Zambia	Protect the health of women and children: prevention and community awareness programs on Child Health and safe childhood, in particular on nutritional problems; training of health personnel on the issue related to safe motherhood; creation of centers for abused women; health program with pediatric medical visits, nutrition program for malnourished children; support to three family houses of abandoned children in rural areas and in the city
Developing countries, unspecified / / Food smart cities for development	62,088.00	68,658.63	Committed	ODA	Grant	Cross-cutting	Not applicable	Other (Developing countries)	To create a common reference framework (network of Food Smart Cities) to guide European LAs and CSOs in drafting, developing and implementing local food related policies
Tanzania / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	35,000.00	38,703.97	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Tanzania	300 boys attending secondary school can live in the residence hall
Thailand / Asia (Far East Asia) / purchase of a drinking water purifier and provision of a water collection tank	58,000.00	64,138.01	Committed	ODA	Grant	Adaptation	Other (Education Basic)	Thailand	Purchase of school supplies for schools for refugees from Burma in Mae Sot, Thailand
Côte d'Ivoire / Africa (South of Sahara) / purchase of a drinking water purifier	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Other (Education Basic)	Côte d'Ivoire	Restructuring and furniture supply for primary school Kouto, Tingrela region
South Sudan / Africa (South of Sahara) / purchase of a drinking water purifier	43,000.00	47,550.59	Committed	ODA	Grant	Adaptation	Other (Education Secondary)	Other (South Sudan)	Renovation and equipping of 6 classrooms and 3 offices for the 'Collège Mwanga' in Goma, Congo
West Bank and Gaza Strip / Asia (Middle East Asia) / Tuscan Health cooperation for the emergency in Gaza	50,000.00	55,291.39	Committed	ODA	Grant	Adaptation	Other (Health General)	Other (West Bank and Gaza)	The project includes operational missions and training "on the job" for pediatricians, and facilities participating of pediatricians and healthcare professionals at health activities in Italian hospitals. It ensures the dissemination of the

									three major campaigns WHO for patient safety "Clean Care is Safer Care", "Safe Childbirth Checklist", "Safe Surgery". It provides for wastewater treatment in the hospital and the renovation and equipment of at least 2 PHC centers.
Guinea-Bissau / Africa (South of Sahara) / Samori House - Bissau - Guinea Bissau	40,000.00	44,233.11	Committed	ODA	Grant	Adaptation	Other (Health General)	Guinea-Bissau	The main goal of the project is improving the living conditions of women and children with actions aimed at preventing and treating childhood heart diseases, supporting children with disabilities with particular attention to Down's syndrome. The planned activities are as follows: modernization of facilities and medical equipment; maintenance of the water system of Samori House and Infant Maternal Center; prevention programs for the population from 6 to 15 years old in schools
Tanzania / Africa (South of Sahara) / Afya Kwa wote, health for everybody in Yovi Valley of Tanzania	40,000.00	44,233.11	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Tanzania	The overall project objective is the health protection of the inhabitants in Yovi valley. The specific objectives are: maintenance of the already existing services; improvement of information on hygiene and health issues to the population in general and to women in particular; improving health care workers skills; extending access to safe drinking water and adequate sanitary facilities; child health protection; protection of unassisted children who are victims of superstition, organization of courses aiming at overcoming superstitious

									beliefs
Ecuador / America (South America) / purchase of a drinking water purifier and provision of a water collection tank	19,279.40	21,319.69	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Ecuador	Renovation and modernisation of some rooms of the hospital "Claudio Benati" in Zumbhua Ecuador
Peru / America (South America) / purchase of a drinking water purifier	26,000.00	28,751.52	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Peru	purchase of medicines for the medical clinic in st. benedict andrevorevo, madagascar
Côte d'Ivoire / Africa (South of Sahara) / purchase of a drinking water purifier and provision of a water collection tank	16,000.00	17,693.24	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Côte d'Ivoire	Restructuring and rehabilitation of the surgery urban nursing in Dame
India / Asia (South & Central Asia) / purchase of a drinking water purifier and provision of a water collection tank	25,000.00	27,645.69	Committed	ODA	Grant	Adaptation	Other (Health Basic)	India	purchase of powdered food and shoes for orphans of the tibetan community in mussoorie, india (tibetan home foundation)
South of Sahara, regional / Africa (South of Sahara) / Cultivating the future in Tifariti: project to support Saharawi population in Tifariti	16,000.00	17,693.24	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Other (South Sahara)	Humanitarian support to primary school children of Tifariti, consisting in the provision of food for schools, starting of a pilot project on horticultural cultivation, Intervention on a well for water availability.
West Bank and Gaza Strip / Asia (Middle East Asia) / purchase of a drinking water purifier	1,050.00	1,161.12	Committed	ODA	Grant	Adaptation	Other (Government and civil society general)	Other (West Bank and Gaza)	The Circle Association continues Belfagor cinema, various annuities, a project that is developed in the Palestinian context where the real information becomes the main tool to fight the occupation. The project tells, across borders, what happens inside the Occupied Territories and represents the first element of actual strength. The media activism

									understood as resistance to occupation, as a cultural form and instrument of experimentation of new languages and forms of communication
Tunisia / Africa (North of Sahara) / purchase of a drinking water purifier	36,141.00	39,965.72	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Tunisia	Foster the economic and social participation of rural women supporting creation and networking of cooperatives.
Nepal / Asia (South & Central Asia) / purchase of a drinking water purifier	32,894.40	36,375.54	Committed	ODA	Grant	Adaptation	Other (Trade policy and regulations and trade-related adjustment)	Nepal	Activities to restart production and sale capacities of four fair trade organisations
Developing countries, unspecified / / purchase of a drinking water purifier and provision of a water collection tank	7,302.40	8,075.20	Committed	ODA	Grant	Adaptation	Not applicable	Other (Developing countries)	Public events on Uganda, Bosnia Herzegovina, Afghanistan and Nigeria
Ethiopia / Africa (South of Sahara) / Italian contribution to the Women Entrepreneurship Development Program (WEDP)	6,000,000.00	6,634,966.27	Committed	ODA	Concessional loan	Cross-cutting	Other (Government and civil society general)	Ethiopia	The initiative aims at increasing the earnings and employment of the participating women-led Micro Small Enterprises (MSEs) in the 6 targeted cities, Addis Abeba, Dire Dawa, Mekelle, Hawassa, Bahir Dar and Adama
West Bank and Gaza Strip / Asia (Middle East Asia) / Development of electricity distribution in the northern and southern West Bank	6,941,349.60	7,675,936.75	Committed	ODA	Concessional loan	Cross-cutting	Energy	Other (West Bank and Gaza)	Development of electricity distribution in the northern and southern West Bank
West Bank and Gaza Strip / Asia (Middle East Asia) / Strengthening the National Early Recovery and Reconstruction Plan in the Gaza Strip	6,000,000.00	6,634,966.27	Committed	ODA	Concessional loan	Cross-cutting	Other (Reconstruction relief and rehabilitation)	Other (West Bank and Gaza)	The Project aims at strengthening the National Early Recovery and Reconstruction Plan in Gaza Strip through the reconstruction and improvement of infrastructure and housing in the Gaza strip, specifically in Al Nada (Beit Hanoun) and Gaza City.

Ethiopia / Africa (South of Sahara) / Support to the WASH sector in urban areas	6,000,000.00	6,634,966.27	Committed	ODA	Concessional loan	Adaptation	Water and Sanitation	Ethiopia	Contribution to the Water Resource Development Fund (WRDF) for financing the Town Water Utilities in order to rehabilitate, upgrade and enlarge the urban water supply schemes and sanitation facilities, and strengthen the management capacity of Town Water Utilities and of WRDF
Mali / Africa (South of Sahara) / Potable Water Supply of Bamako from Kabala Station	4,400,000.00	4,865,641.93	Committed	ODA	Concessional loan	Adaptation	Water and Sanitation	Mali	The project will provide drinking water to Bamako city, feeding additional 1.200.000 new users and improving the service to 350.000 users. The soft loan will finance two new pumping stations (Korofina and Djcoroni) and related supply networks and services and the construction of a reservoir (Doumanzana) for pumping, collection and water distribution.
Lebanon / Asia (Middle East Asia) / Anjar, Madjel Anjar and Qabb Elias Wastewater Project	10,598,043.20	11,719,609.86	Committed	ODA	Concessional loan	Adaptation	Water and Sanitation	Lebanon	Construction of a wastewater treatment plant and a wastewater conveyance system including a period of operation and maintenance
South Africa / Africa (South of Sahara) / Enhancing environmental sustainability, resilience to climate change and improved livelihoods for vulnerable communities	25,080.00	27,734.16	Committed	ODA	Grant	Adaptation	Other (Site preservation)	South Africa	To sustain healthy ecosystems and livelihood opportunities for remote rural communities through supporting sustainable ecotourism development. To support sustainable management of natural resources and ecotourism development to enhance the capacity of the existing African Ivory Route (AIR) Public-Private-Community Partnerships (PPCPs) to deliver resilient and sustainable livelihoods.
Burundi / Africa (South of Sahara) / Isi idutunze: Development of an integrated approach to food security and nutrition in the eastern provinces of Burundi	5,600.00	6,192.64	Committed	ODA	Grant	Adaptation	Agriculture	Burundi	Improving the availability, accessibility, acceptability, use and stability of crops rich in nutrients, through the promotion of

									entrepreneurial initiatives of peasant organizations, combining income generation and social transfer activities in the provinces of Ruyigi and Rutana
Indonesia / Asia (Far East Asia) / Improving Lazy Lands: Reforestation Project	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Forestry	Indonesia	Afforestation to enhance households' food consumption
Cuba / America (North & Central America) / Training and prevention against earthquakes in Santiago de Cuba	8,400.00	9,288.95	Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	Cuba	Training and prevention against earthquakes in Santiago de Cuba
Nicaragua / America (North & Central America) / Forest and water: global warming and local development	27,356.00	30,251.02	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Nicaragua	Awareness raising campaign on environmental issues and support to afforestation, Inland surface waters conservation and rehabilitation for human consumption and agricultural purpose especially during dry season or droughts
Indonesia / Asia (Far East Asia) / Forest Protection North Sumatra	25,000.00	27,645.69	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Indonesia	Increasing the lobbying and facilitating capacities of the communities in regards to forest and environmental issues
Developing countries, unspecified / / Climate Protection Programme	25,000.00	27,645.69	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Other (Developing countries)	Addressing climate and environmental concerns in monitoring and implementing, networking, project planning and awareness building.
Madagascar / Africa (South of Sahara) / "Laudato si" project	89,734.00	99,230.34	Committed	ODA	Grant	Mitigation	Other (Environmental education/ training)	Madagascar	Education and ecological conversion
El Salvador / America (North & Central America) / El Salvador: tackling climate change, improving sustainability and cooperative development	11,000.00	12,164.10	Committed	ODA	Grant	Mitigation	Other (Environmental education/ training)	El Salvador	Tackling climate change in El Salvador, through the enhancement of environmental awareness within the cooperative Salvadoran movement; enhancing sustainability activities of CONFRAS Confederación de Federaciones de la Reforma Agraria Salvadoreña and CIETTA Experimentación y Transferencia de Tecnología Agroecológica (CIETTA).

Peru / America (South America) / Promotion of Organic production, bio-gardens and enviromental recovery	35,000.00	38,703.97	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/ training)	Peru	Empowerment of bio-gardens organic production, nutrition's improvement of children between 3 and 11 years, reforestation of degraded areas, enviromental awarness and protection.
Senegal / Africa (South of Sahara) / Child Protection and family empowerment against school drop out	5,600.00	6,192.64	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Senegal	The project aims at the protection of the most vulnerable children addressing the school drop out with intervention of recovery courses, artistic activities, learning games about children right, hygiene and nutrition. The street children are addressed with specific activities of food security, health monitoring and social inclusion. The project also deal with the families of the vulnerable children by empowering the mothers with agricultural intervention in order to enhance family income.
Burkina Faso / Africa (South of Sahara) / Health, school and food security for Sahel area.	200.00	221.17	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Burkina Faso	Basic health care training for children, and school teachers. Actions to increase school facilities (schools renovation), and to improve water access and food security .
Zimbabwe / Africa (South of Sahara) / Empower Young People through SRH behavior change and HIV prevention initiatives in Zimbabwe	11,184.00	12,367.58	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Zimbabwe	The overall objective of the proposal is to Contribute to the reduction of HIV incidence and improvement of Sexual and Reproductive Health (SRH) amongst Young People in Zimbabwe (MDGs 6 and 5) to Empower Young People and create an enabling environment for improved SRH behaviour and HIV prevention, especially among young women and vulnerable YP.
Chile / America (South America) / Installation of	3,925.60	4,341.04	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Chile	Installation of rain water containment



rain water containment system in the province of Talca									system in the province of Talca
Burkina Faso / Africa (South of Sahara) / Excavation of a well with solar energy pump	10,885.20	12,037.16	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Burkina Faso	Excavation of a well with solar energy pump
Malawi / Africa (South of Sahara) / Water is life: construction of wells for Chimkwakwa, Misu and Sawali people	5,646.84	6,244.43	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Malawi	Water is life: construction of wells the benefit of children and the local community. All the villagers benefit from safe water, improving their living conditions and contributing to the development of the territory
Democratic Republic of the Congo / Africa (South of Sahara) / Digging of 30 wells for the three pastoral regions of Mbandaka, Boende and Bikoro	97,840.00	108,194.18	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Democratic Republic of the Congo	Digging of 30 wells for the three pastoral regions of Mbandaka, Boende and Bikoro
Colombia / America (South America) / Installation of tanks and filters for rainwater storage	8,972.00	9,921.49	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Colombia	Installation of tanks and filters for rainwater storage
Argentina / America (South America) / Workshops on Eco justice and peace 2016	5,180.00	5,728.19	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Argentina	Follow-up on eco justice and peace topics through workshops on public impact and the work of national movements
Haiti / America (North & Central America) / Accommodation of the road section from Tome-Gateau to Beausejour, arrangement of channels and reforestation	96,674.00	106,904.79	Committed	ODA	Grant	Cross-cutting	Transport	Haiti	Accommodation of the road section from Tome-Gateau to Beausejour, arrangement of channels and reforestation
Colombia / America (South America) / Program for a system of collection, stocking and storage of rainwater	8,964.00	9,912.64	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Program for a system of collection, stocking and storage of rainwater
Peru / America (South America) / Planting of trees and raising water to reduce land degradation	5,877.20	6,499.17	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	Planting of trees and raising water to reduce land degradation
Nicaragua / America (North & Central America) / Women's empowerment	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Nicaragua	Women empowerment through vocational training agro- ecological production
Argentina / America (South America) / Healthy food for the society produced by family farmers	6,037.60	6,676.55	Committed	ODA	Grant	Cross-cutting	Agriculture	Argentina	Improving the economical conditions of farming families through the empowerment of their agroecology

									production and a higher visibility on domestic agriculture's field
Democratic Republic of the Congo / Africa (South of Sahara) / Rural reforestation	19,920.00	22,028.09	Committed	ODA	Grant	Cross-cutting	Forestry	Democratic Republic of the Congo	Rural reforestation
Nicaragua / America (North & Central America) / Social enterprise on waste recycling addressed to youth and teenagers	7,318.40	8,092.89	Committed	ODA	Grant	Cross-cutting	Other (Trade policy and regulations and trade-related adjustment)	Nicaragua	Improving the economical conditions of 20 youth by collecting recyclable materials in the municipal waste disposal site and transformation of waste in bags and hand bags
Democratic Republic of the Congo / Africa (South of Sahara) / Environmental safety project	21,792.00	24,098.20	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Democratic Republic of the Congo	Training of trainers in hygiene and combating pollution and safety in the urban-rural environment
India / Asia (South & Central Asia) / An action plan towards a green coast.	84,706.00	93,670.24	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	India	A sustainable development project
Mexico / America (North & Central America) / Inter-community training school	6,102.80	6,748.65	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/ training)	Mexico	Strengthening the inter-community training school for the preservation, development and the protection of the land
Uruguay / America (South America) / Support to Centro Emmanuel	19,033.66	21,047.94	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/ training)	Uruguay	Promotion of environmental education among youth and their teachers, raising an agro-ecological awareness and training on agro-ecological techniques
El Salvador / America (North & Central America) / El Salvador, a fascinating destination	5,280.00	5,838.77	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/ training)	El Salvador	Reinforcing eco-friendly development within the San Francisco Echeverria community. Enhancement of the historical, natural and cultural resources of the Community, through the improvement of local and international tourism. Enhancement of local youth work.
Honduras / America (North & Central America) / Agroecology in Honduras	16,668.40	18,432.38	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/ training)	Honduras	Training on agroecology, environmental sustainability and food security addressed to smallholders

									farmers
Tanzania / Africa (South of Sahara) / Allowing sustainable energy access for rural communities with low-income in Malinyi, Tanzania	11,576.80	12,801.95	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Tanzania	Improve the Malinyi rural population's access to renewable energy sources by micro-credit program.
Haiti / America (North & Central America) / Emergency response and resilience building: an integrated approach to improve food security in Haiti	17,129.60	18,942.39	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Haiti	The specific goal of the action is to improve food security conditions of vulnerable households living in the South Department of Haiti affected by drought, in order to reinforce their resilience. The action is structured on 3 results : CfW activities planning as an immediate response to the needs of 800 vulnerable HHs ; improving the water access and availability for 1.500 HHs, restart 900 HHs' agro-pastoral activities, interrupted because of the drought
Developing countries, unspecified / / Promotion of development awareness	6,935.42	7,669.38	Committed	ODA	Grant	Cross-cutting	Not applicable	Other (Developing countries)	Conferences and workshops on intercultural issues, sustainable development, fair trade and responsible consumption, international cooperation, inter-religious dialogue
Mali / Africa (South of Sahara) / Water supply enhancement	600.00	663.50	Committed	ODA	Grant	Mitigation	Water and Sanitation	Mali	Additional wells sinking
Myanmar / Asia (South & Central Asia) / Sustainable Urban Mobility Planning	44,178.00	48,853.26	Committed	ODA	Grant	Mitigation	Other (Urban development and management)	Myanmar	Environment protection and people centered programs in local institutions, promoting a sustainable urban development through the strengthening of Local Authorities' capacities and citizens' participation in this process. The results are: improvement of Local Authorities' capacities on solutions for a sustainable mobility; enhancement of YCDC's capacity on mobility's technological solutions; citizens made

									aware of the need to develop responsible behaviors for a sustainable mobility.
Democratic Republic of the Congo / Africa (South of Sahara) / Energy for the formation to a sustainable future	123,738.80	136,833.79	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Democratic Republic of the Congo	Installation of a photovoltaic system, an electro-generator and an automatic management system for Higher Institute Emmanuel d'Alzon of Butembo. The project also increase the resources of the Institute with satellite system, internet points and a laboratory for the control of pests of plants.
Brazil / America (South America) / Solar roofs and environmental education center for children of Uniao da Vitoria	5,550.40	6,137.79	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Brazil	The project contributes to the protection of children in a center for minors, with particular attention to environmental issues.
Brazil / America (South America) / Youth training center San Lorenzo da Mata	32,814.80	36,287.52	Committed	ODA	Grant	Mitigation	Other (Education Secondary)	Brazil	Solar power system for the youth training center of San Lorenzo da Mata
Bolivia / America (South America) / Solidaria Home	11,200.00	12,385.27	Committed	ODA	Grant	Mitigation	Other (Education Secondary)	Bolivia	Promoting social and job reintegration of ex-prisoners, by starting a farm and by providing vocational training courses in the field of production, processing and marketing of organic agricultural products and sustainable tourism.
Central African Republic / Africa (South of Sahara) / Londo mo Tambula - "Alzati e cammina"	59,532.80	65,833.02	Committed	ODA	Grant	Mitigation	Other (Health General)	Central African Republic	The project includes the extension of the health center of Niem with finishing work of a new building, connected to the existing, where it will be prepared an operating room powered by solar energy. The project

									also provides training for nursing staff.
Jordan / Asia (Middle East Asia) / Rehabilitation of the hospital of Karak	160,811.60	177,829.92	Committed	ODA	Grant	Mitigation	Other (Health General)	Jordan	Rehabilitation of the hospital of Karak - Realization of the New First Aid Department and installation of a photovoltaic system
Peru / America (South America) / The micro-project involves the construction of 8 ecological bathrooms, 10 ecological kitchens and an artesian well for families of communities	4,564.80	5,047.88	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Peru	The micro-project involves the construction of 8 ecological bathrooms, 10 ecological kitchens and an artesian well for families of communities
Benin / Africa (South of Sahara) / Production of the Alga Spirulina and provision of nutritional training to the women of Kandi	2,256.40	2,495.19	Committed	ODA	Grant	Mitigation	Other (Health Basic)	Benin	Production of the Alga Spirulina and its adoption in malnutrition cases
Democratic Republic of the Congo / Africa (South of Sahara) / Water and electrical supply for a birthing room in Mwamwayi	9,495.00	10,499.83	Committed	ODA	Grant	Mitigation	Other (Population policies)	Democratic Republic of the Congo	Drilling a well to provide access to water and implementing a solar panels system to operate a birthing room and the maternity ward in a Health Institute
Haiti / America (North & Central America) / Installation of a drinking water system in the town of Limbe	5,383.60	5,953.33	Committed	ODA	Grant	Mitigation	Water and Sanitation	Haiti	Installation of a drinking water system in the town of Limbe
Haiti / America (North & Central America) / Construction of a tank for storage and treatment of water	4,295.60	4,750.19	Committed	ODA	Grant	Mitigation	Water and Sanitation	Haiti	Construction of a tank for storage and treatment of water for the community of Angoman
Tanzania / Africa (South of Sahara) / Digging of a well in Nzasa	13,473.60	14,899.48	Committed	ODA	Grant	Mitigation	Water and Sanitation	Tanzania	Digging of a well in Nzasa
Democratic Republic of the Congo / Africa (South of Sahara) / Project for drinking water supply for students and the population at Ngaliema	33,298.80	36,822.74	Committed	ODA	Grant	Mitigation	Water and Sanitation	Democratic Republic of the Congo	Project for drinking water supply for students and the population at Ngaliema
Brazil / America (South America) / Building of Community wells in Monte Santo	9,257.20	10,236.87	Committed	ODA	Grant	Mitigation	Water and Sanitation	Brazil	Building of Community wells in Monte Santo
Bolivia / America (South America) / Construction of a water system	7,025.60	7,769.10	Committed	ODA	Grant	Mitigation	Water and Sanitation	Bolivia	Construction of a water system for the community of Kapeatindi in the

									Isoso area
Haiti / America (North & Central America) / Excavation of two artisan wells for the population of Basse-Voldrogue	5,368.40	5,936.53	Committed	ODA	Grant	Mitigation	Water and Sanitation	Haiti	Excavation of two artisan wells for the population of Basse-Voldrogue
Haiti / America (North & Central America) / Excavation of two artisan wells in the communities La Violette and Dimples	8,977.20	9,927.24	Committed	ODA	Grant	Mitigation	Water and Sanitation	Haiti	Excavation of two artisan wells in the communities La Violette and Dimples
Gambia / Africa (South of Sahara) / Saint Charles Lwanga community	2,733.20	3,022.45	Committed	ODA	Grant	Mitigation	Water and Sanitation	Gambia	Project for the construction of a well for the community of Saint Charles Lwanga
Gambia / Africa (South of Sahara) / Project of water supply for the community to Sotuma	3,333.20	3,685.94	Committed	ODA	Grant	Mitigation	Water and Sanitation	Gambia	Project of water supply for the community to Sotuma
Burkina Faso / Africa (South of Sahara) / Construction of a well	2,896.40	3,202.92	Committed	ODA	Grant	Mitigation	Water and Sanitation	Burkina Faso	Construction of a well
Burkina Faso / Africa (South of Sahara) / Realization of a well equipped with pump	3,781.20	4,181.36	Committed	ODA	Grant	Mitigation	Water and Sanitation	Burkina Faso	Realization of a well equipped with pump
Gambia / Africa (South of Sahara) / Project of digging a well for the village of Bwiam	4,337.20	4,796.20	Committed	ODA	Grant	Mitigation	Water and Sanitation	Gambia	Project of digging a well for the village of Bwiam
Haiti / America (North & Central America) / community of Derriere Allumette and Marotte	7,706.40	8,521.95	Committed	ODA	Grant	Mitigation	Water and Sanitation	Haiti	Construction of two artisan wells and two tanks for the storage and treatment of water in the community of Derriere Allumette and Marotte
Haiti / America (North & Central America) / Dondiègue community	4,405.20	4,871.39	Committed	ODA	Grant	Mitigation	Water and Sanitation	Haiti	Construction of a tank for the storage and the treatment of water in the Dondiègue community
West Bank and Gaza Strip / Asia (Middle East Asia) / Improvement of health and environmental conditions, supporting waste collection and recycling and rehabilitating the illegal dumping .	9,612.40	10,629.66	Committed	ODA	Grant	Mitigation	Water and Sanitation	Other (West Bank and Gaza)	The action aims to improve the MSW management capabilities of JSC of Tulkarem through the reduction of waste and to contribute to the environmental conservation through the rehabilitation of two illegal dumps and through awareness activities. The overall objective is to contribute to the improvement of the hygiene and environmental health conditions in the Tulkarem region.

Democratic Republic of the Congo / Africa (South of Sahara) / Solar power supply for Cusmaniano psychosocial center	11,175.60	12,358.29	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Democratic Republic of the Congo	Solar power supply for Cusmaniano psychosocial center
Nepal / Asia (South & Central Asia) / Feel Like Home - Enhancing child welcoming services in the "Children's Home" orphanage in Latipur	8,595.31	9,504.93	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Nepal	Improving child welcoming and care services in the orphanage, by supporting the management sector, training staff, providing electricity supply through solar powered energy
Turkey / Europe / Solar power supply for the Support to the revival of Anatolya Caritas Centre and its humanitarian assistance and education support	160,359.20	177,329.65	Committed	ODA	Grant	Mitigation	Other (Other social infrastructure and services)	Turkey	Solar power supply for the Support to the revival of Anatolya Caritas Centre and its humanitarian assistance and education support
Peru / America (South America) / Equipment for renewable energy in favor of the community of Palermo	4,590.40	5,076.19	Committed	ODA	Grant	Mitigation	Energy	Peru	The project involves the installation of 25 demonstration modules for the use of sun, wind and organic residues in favor of 120 families in the community of Palermo district of Juli - Peru with the aim to reduce electricity costs. The contribution refers to the purchase of materials for the construction of 5 solar kitchens, 5 solar ovens, 5 wind modules, 5 biodigesters and 5 modules for biomass.
Mali / Africa (South of Sahara) / Kolokani technical and vocational center	14,262.40	15,771.76	Committed	ODA	Grant	Mitigation	Energy	Mali	Solar panels and accessories for technical and vocational center Kolokani
Angola / Africa (South of Sahara) / Project for photovoltaics energy for schools and medical device	53,678.00	59,358.62	Committed	ODA	Grant	Mitigation	Energy	Angola	Project for photovoltaics energy for schools and medical device
Haiti / America (North & Central America) / Photovoltaic plant and equipment	72,416.80	80,080.50	Committed	ODA	Grant	Mitigation	Energy	Haiti	Center that works to combat hunger, illiteracy and promote personal hygiene: equipment and Photovoltaic plant
Cameroon / Africa (South of Sahara) / young social enterprises exercising in the fields of Environmental Protection and Nutritional Sector	24,000.00	26,539.87	Committed	ODA	Grant	Mitigation	Other (Business and other services)	Cameroon	Support to young social enterprises working in the field of environmental protection and nutrition, through the

									production and marketing of environmentally friendly coal, poultry products, and health and care materials.
Colombia / America (South America) / Strengthening of Capacity for agro - ecological production	34,462.80	38,109.92	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	Strengthening of Capacity for agro - ecological production: conservation of biodiversity, socio - political and organizational capacities and sustainability of processes for improve the good living of indigenous and rural communities in the south-west Colombia.
Cabo Verde / Africa (South of Sahara) / Obra Social Nossa Senhora da Gloria - Fazenda da Esperança	208,883.60	230,989.27	Committed	ODA	Grant	Mitigation	Agriculture	Cape Verde	Implementation of the Farm of Hope in the Diocese of Santiago de Cabo Verde
Rwanda / Africa (South of Sahara) / Capacity building of the Diocese of Kibunngo through the exploitation of its agricultural goods	136,671.60	151,135.24	Committed	ODA	Grant	Mitigation	Agriculture	Rwanda	Capacity building of the Diocese of Kibunngo through the exploitation of its agricultural goods
Cameroon / Africa (South of Sahara) / Start-up of a farm	1,799.20	1,989.61	Committed	ODA	Grant	Mitigation	Agriculture	Cameroon	Start-up of a farm
Uruguay / America (South America) / Obra Social Nossa Senhora da Gloria - Fazenda da Esperança	139,176.40	153,905.12	Committed	ODA	Grant	Mitigation	Agriculture	Uruguay	Renovation and expansion of the Farm "Femenina Bethania"
Ecuador / America (South America) / Creation of family gardens and construction of sheds for the chicken farm	5,350.40	5,916.62	Committed	ODA	Grant	Mitigation	Agriculture	Ecuador	Creation of family gardens and construction of sheds for the chicken farm
El Salvador / America (North & Central America) / Rural communities	4,009.60	4,433.93	Committed	ODA	Grant	Mitigation	Agriculture	El Salvador	Creating vegetable gardens for rural communities in the municipalities of Nuevo Eden de San Juan and San Gerardo
Guatemala / America (North & Central America) / Soil Fertility - workshops for sustainable agriculture	12,000.00	13,269.93	Committed	ODA	Grant	Mitigation	Agriculture	Guatemala	Protecting the environment and fighting under-nutrition through organic farming. The project includes: technical assistance to local partners and authorities; training visits for farmers; a radio campaign; building, equipping and launching a lab for the



									production of bio-fertilizer
Haiti / America (North & Central America) / Technical school of agriculture of Papaye	4,779.20	5,284.97	Committed	ODA	Grant	Mitigation	Agriculture	Haiti	Construction of a tank for the storage and the treatment of water
Lebanon / Asia (Middle East Asia) / Construction of agricultural small lakes in northern Beqaa	247,200.00	273,360.61	Committed	ODA	Grant	Mitigation	Agriculture	Lebanon	Machinery and materials for the construction of 16 agricultural small lakes in northern Beqaa
Brazil / America (South America) / Construction of a handicraft well with a cistern	8,692.80	9,612.74	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	Construction of a handicraft well with a cistern
Guatemala / America (North & Central America) / Rural Community San Vicente de Paul	7,760.00	8,581.22	Committed	ODA	Grant	Mitigation	Agriculture	Guatemala	Installation of an irrigation system for farming families of the community San Vicente de Paul
Colombia / America (South America) / Rural communities of La Coqueta, La Primavera, Pedregales, La Esmeralda e Cumaral, municipality of Genova, Quindio	4,201.60	4,646.25	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	Implementation of bean fields, vetch and maize in the rural communities of La Coqueta, La Primavera, Pedregales, La Esmeralda e Cumaral
Peru / America (South America) / Seeding alfalfa and creation of bio-family gardens in the indigenous community Ancohaque	3,510.80	3,882.34	Committed	ODA	Grant	Mitigation	Agriculture	Peru	Seeding alfalfa and creation of bio-family gardens in the indigenous community Ancohaque
Dominican Republic / America (North & Central America) / Growing of 50 household gardens	5,264.00	5,821.08	Committed	ODA	Grant	Mitigation	Agriculture	Dominican Republic	Growing of 50 household gardens
El Salvador / America (North & Central America) / Flor de Liz Joya y el Tigre community	3,589.60	3,969.48	Committed	ODA	Grant	Mitigation	Agriculture	El Salvador	Creation of kitchen gardens for 80 families of the community Flor de Liz Joya y el Tigre
Chile / America (South America) / Production of fruit and vegetables for 30 peasant families of the Coyhaique community	3,581.60	3,960.63	Committed	ODA	Grant	Mitigation	Agriculture	Chile	Production of fruit and vegetables for 30 peasant families of the Coyhaique community
Chile / America (South America) / Cultivation of fruit trees and vegetable patches for 30 peasant family in the Cuenca at Lake General Carrer	3,938.80	4,355.63	Committed	ODA	Grant	Mitigation	Agriculture	Chile	Cultivation of fruit trees and vegetable patches for 30 peasant family in the Cuenca at Lake General Carrer
Chile / America (South America) / Realization of orchards	4,791.20	5,298.24	Committed	ODA	Grant	Mitigation	Agriculture	Chile	Realization of orchards
Colombia / America (South America) / Production and marketing of aloe	8,545.60	9,449.96	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	Production and marketing of aloe

Guatemala / America (North & Central America) / Cultivation of corn and fruit trees in Cuilapa	5,873.20	6,494.75	Committed	ODA	Grant	Mitigation	Agriculture	Guatemala	Cultivation of corn and fruit trees in Cuilapa
Guatemala / America (North & Central America) / Cultivation of corn and fruit trees in Guazacapán	5,882.40	6,504.92	Committed	ODA	Grant	Mitigation	Agriculture	Guatemala	Cultivation of corn and fruit trees in Guazacapán
Guatemala / America (North & Central America) / Japon Nacional and Esperanza communities	6,608.40	7,307.75	Committed	ODA	Grant	Mitigation	Agriculture	Guatemala	Cultivation of 200 acres of corn in favor of 100 families of Japon Nacional and Esperanza communities
Colombia / America (South America) / Production of organic cocoa in the country of Gaverales	8,605.60	9,516.31	Committed	ODA	Grant	Mitigation	Agriculture	Colombia	Production of organic cocoa in the country of Gaverales
Peru / America (South America) / Rural communities of Sicuani	5,509.20	6,092.23	Committed	ODA	Grant	Mitigation	Agriculture	Peru	Production of food with agro-ecological technologies for rural communities of Sicuani
Madagascar / Africa (South of Sahara) / Solar Plants for the Agricultural Cooperatives	5,632.00	6,228.02	Committed	ODA	Grant	Mitigation	Agriculture	Madagascar	Installing photovoltaic cells in a local agricultural cooperative, to strengthen the bakery and briquette production activities and to increase future incomes
Peru / America (South America) / Preparation of 40 hectares and 100 modules for planting and conservation of pasture grass and oats	4,772.80	5,277.89	Committed	ODA	Grant	Mitigation	Agriculture	Peru	Preparation of 40 hectares and 100 modules for planting and conservation of pasture grass and oats
Bolivia / America (South America) / Solar greenhouses for propriate nutrition	8,000.00	8,846.62	Committed	ODA	Grant	Mitigation	Agriculture	Bolivia	Construction of 15 greenhouses and empowerment of agriculture production
Sri Lanka / Asia (South & Central Asia) / Women who learn to love and care the earth	5,166.00	5,712.71	Committed	ODA	Grant	Mitigation	Agriculture	Sri Lanka	Women who learn to love and care the earth
Ecuador / America (South America) / Support to the Special Institute "Nuevos Pasos" in San Lorenzo - Esmeraldas	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Ecuador	Institute management support; training local personnel; Community-Based Rehabilitation (CBR) activities; Awareness and advocacy on issues of disability.

Nigeria / Africa (South of Sahara) / AZIONE VERDE CENTRE: AZIONE VERDE UNIVERSITY AND AQUA VIVA HOSPITAL	6,772.80	7,489.55	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Nigeria	Azione Verde University is sited to serve as home to 5000 students and for many other activities of human development. The Campus includes the university faculties, laboratories, refectory hall, main conference hall, hostels, sports center, church, library and university hospital. The hospital buildings will guarantee the health of thousands of people around the area making a stable contribution to development for the people in the area.
Lebanon / Asia (Middle East Asia) / Photovoltaic system for the Free School 'S. Famille Zghorta the Daughters of Charity '	80,000.00	88,466.22	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Lebanon	Photovoltaic system for the Free School 'S. Famille Zghorta the Daughters of Charity '
Mozambique / Africa (South of Sahara) / Secondary education for 100 women	8,920.00	9,863.98	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Mozambique	The girls are originate from poor families. They will study in 4 school: Escla Sao Francesco de Assise de Mangunde, Distretto di Chiabava, Escola Santa Terezinha Minino Jesus, in Machanga, Escola Sao José de Estaquinha, Buzi, Escola Santo Antonio e Barada, Buzi
Congo / Africa (South of Sahara) / Professional training for 40 girls	1,800.00	1,990.49	Committed	ODA	Grant	Cross-cutting	Other (Education Secondary)	Congo	After the secondary school, 40 girls frequent, for two years, a course for seamstress
Rwanda / Africa (South of Sahara) / University education for five girls	2,200.00	2,432.82	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Rwanda	the university education is different for each beneficiary of the project. The first in in information and technology, the second, the third and the fourth are in sciences of management and the fifth is in bachelor of art, mass media and communication
Rwanda / Africa (South of Sahara) / Support to the Pediatric Orthopaedic Surgery and	32,000.00	35,386.49	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Rwanda	Management support to the Centre; Training local personnel; Networking

Rehabilitation Center St Marie de Rilima									and advocacy.
Bosnia and Herzegovina / Europe / financial, technical and management support to the Centre Marija Nasa Nada in Siroki Brijeg - Mostar	24,000.00	26,539.87	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Bosnia and Herzegovina	Management support and strengthening the role of the Centre as a place of quality care and taking care of the disabled patient; Training and professional development of local staff.
Burundi / Africa (South of Sahara) / support and training for the rehabilitation ward of the District Hospital of Ngozi	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Burundi	Management support of the public hospital rehabilitation department; Networking and advocacy for the national recognition of the figure of the physiotherapist; Awareness-raising activities in the district; Training of local staff.
Ethiopia / Africa (South of Sahara) / A coffee cup of rights	3,480.00	3,848.28	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Ethiopia	Training on healthy and safety for workers in coffee plantations
Burkina Faso / Africa (South of Sahara) / Water access and food safety in seven villages in Burkina Faso	11,844.00	13,097.42	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Burkina Faso	Improving the availability of water and food in seven rural communities in order to reduce the incidence of diseases due to the lack and poor quality of local water resources.
Madagascar / Africa (South of Sahara) / Solar power plants for drinking water	19,040.00	21,054.96	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Madagascar	Development of a water supply and treatment systems for unnerved villages through solar power plants
Ghana / Africa (South of Sahara) / SODIS	2,666.67	2,948.87	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Ghana	Solar-powered water disinfection programme in 6 villages

Ethiopia / Africa (South of Sahara) / Promotion the reduction on MARP's vulnerability to HIV/AIDS and promotion of a coordinated response of a local authorities and civil society	4,240.00	4,688.71	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Ethiopia	Promoting the coordination of the local institutions and traditional leaders in the protection of most at risk population; Establishing/strengthening of MARPS groups' capacity to access micro credit services; Increasing the access to primary, secondary and third level education for children and girls; Improving the socio economic conditions of vulnerable groups living in prisons.
Chile / America (South America) / Support for the educational and social center in Santiago (Chile)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Chile	Support for educational and social activities for youth and children
Chile / America (South America) / Support for the educational and social center in Talca (Chile)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Chile	Support for educational and social activities for youth and children
Brazil / America (South America) / Support for the educational and social center in Matelandia (Brazil)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Brazil	Support for educational and social activities for youth and children
Brazil / America (South America) / Support for the educational and social center in Sao Bento (Brazil)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Brazil	Support for educational and social activities for youth and children
Brazil / America (South America) / Support for the educational and social center in Ponta Grossa (Brazil)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Brazil	Support for educational and social activities for youth and children
Mozambique / Africa (South of Sahara) / Support for the educational and social center in Mocodoene (Mozambique)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Mozambique	Support for educational and social activities for youth and children
Angola / Africa (South of Sahara) / Support for the educational and social center in Luanda (Angola)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Angola	Support for educational and social activities for youth and children
Brazil / America (South America) / Support for the educational and social center in Fortaleza and Ibaretama (Brazil)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Brazil	Support for educational and social activities for youth and children
Brazil / America (South America) / Support for the educational and social center in Uniao da	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Brazil	Support for educational and social activities for youth and children

Vitoria (Brazil)									
Angola / Africa (South of Sahara) / Support for the educational and social center in Lucala (Angola)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Angola	Support for educational and social activities for youth and children
Brazil / America (South America) / Support for the educational and social center in Curitiba (Brazil)	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Brazil	Support for educational and social activities for youth and children
Tanzania / Africa (South of Sahara) / Solar power for rural schools in the North of Tanzania	16,830.00	18,611.08	Committed	ODA	Grant	Cross-cutting	Energy	Tanzania	Improving access to education for 10 students of secondary schools in rural areas of the Arusha Region; improving the technical skills related to renewable energies at the local level to promote the socio-economic development of rural communities
Central African Republic / Africa (South of Sahara) / Increase in the agro-pastoral economy and improving of food security	10,001.60	11,060.05	Committed	ODA	Grant	Cross-cutting	Agriculture	Central African Republic	Increase in the agro-pastoral economy and improving of food security
Guatemala / America (North & Central America) / Project of agriculture strengthening and food security in 15 communities	180,862.00	200,002.21	Committed	ODA	Grant	Cross-cutting	Agriculture	Guatemala	Project of agriculture strengthening and food security in 15 communities
Bolivia / America (South America) / Greenhouses building to strengthen food safety through the consumption of vegetables and management of surpluses in Aroma - Bolivia - Phase 2	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	Food safety and protection of indigenous population in Bolivian Aymara rural area through water irrigation system, development of family agriculture activities and women empowerment.
Tanzania / Africa (South of Sahara) / Mesula social enterprise: an innovative experience to support small farmers in Arumeru	3,080.00	3,405.95	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	Supporting the development of the local economy through technical assistance to farmers, provision of seeds and agricultural equipment, promotion of new marketing channels and business opportunities.
Malawi / Africa (South of Sahara) / Agricultural project Marilana	9,820.00	10,859.23	Committed	ODA	Grant	Cross-cutting	Agriculture	Malawi	Agricultural project Marilana
Armenia / Asia (South & Central Asia) / New cultivation techniques	33,333.33	36,860.92	Committed	ODA	Grant	Cross-cutting	Agriculture	Armenia	Capacity building on market system and new cultivation technologies for

									fruit crop producers
Colombia / America (South America) / Production and marketing of small animals	8,608.00	9,518.96	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Production and marketing of small animals
Colombia / America (South America) / Production and marketing of small animals in the Tibu Municipality	8,908.80	9,851.60	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Production and marketing of small animals in the Tibu Municipality
Burkina Faso / Africa (South of Sahara) / Education and development for 60 women from Leo City (Burkina Faso)	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	the courses during three years. The 60 women will learn the agricultural products processing
Brazil / America (South America) / Strengthening food security in the Movimento Sem Terra camps	8,368.40	9,254.01	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	Strengthening food security in the Movimento Sem Terra camps and settlements by promoting Agro-ecological Farming Systems. Training both local leaders and trainers who will spread awareness about the cooperative and agro-ecological model
Chile / America (South America) / Creation of a seed bank in the rural communities of the province of Talca	3,564.00	3,941.17	Committed	ODA	Grant	Cross-cutting	Agriculture	Chile	Creation of a seed bank in the rural communities of the province of Talca
Burkina Faso / Africa (South of Sahara) / Building an agro-forestry plant nursery and promoting marketing of products	10,160.00	11,235.21	Committed	ODA	Grant	Cross-cutting	Forestry	Burkina Faso	Starting a plant breeding activity managed by a cooperative; marketing of horticultural products in the local markets; growing trees for later planting in other areas of the country
Zambia / Africa (South of Sahara) / WONDERS: Forest Protection and Alternative Livelihoods in Mukwamba Village	5,520.00	6,104.17	Committed	ODA	Grant	Cross-cutting	Forestry	Zambia	Contribute to the preservation and protection of forests. Supporting environmentally friendly crops, organize courses on beekeeping, the production of soap and oil, on the management of small businesses.
Bolivia / America (South America) / Titicaca System – Women for community home	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Industry	Bolivia	Promoting environmental protection and social welfare; opening a centre for women and migrants; organizing permaculture classes; building two greenhouses and a first pilot plant for

									the food smoking process; starting workshops for studying fashion, marketing, wool production and dyeing
Ecuador / America (South America) / Permaculture for children	6,288.00	6,953.44	Committed	ODA	Grant	Cross-cutting	Other (Environmental education/ training)	Ecuador	Creating a learning center on permaculture. Realization of educational courses children.
Burundi / Africa (South of Sahara) / Fostering eco-friendly agricultural development in rural Ruyigi and Rutana	22,200.00	24,549.38	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Burundi	Improving food security among people living in the two areas by delivering products, training farmers on agricultural techniques, strengthening institutional and operational ties among cooperatives and agricultural centers, training women producers.
Ghana / Africa (South of Sahara) / Agricultural Extension Project: (Bremen Villages)	2,666.67	2,948.87	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Ghana	Rehabilitation of the existing structures of the pilot farm and training and counseling center for local farmers and women, run by the Norddeutsche Mission Bremen
Lebanon / Asia (Middle East Asia) / Promoting children's rights and new opportunities of informal education in south Lebanon	18,000.00	19,904.90	Committed	ODA	Grant	Mitigation	Other (Education Basic)	Lebanon	Creating opportunities for training and education and enhancing community spaces and non-formal education services for children, including those with disabilities and refugees, in the Palestinian camps of Tyre and Sidon. Involving children in training courses on proper use of natural resources, on the role of sport and recreational activities, on social integration, health and safe nutrition
Ethiopia / Africa (South of Sahara) / Training and nutrition in Ethiopia	3,000.00	3,317.48	Committed	ODA	Grant	Mitigation	Energy	Ethiopia	Professional training for 20 women for using and production of energy-saving stoves
Brazil / America (South America) / Agricultural project	7,086.00	7,835.90	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	Realization of 12 crops of native seeds and construction of 4



									biodigesters
Senegal / Africa (South of Sahara) / Drop by drop irrigation of a 4-hectare orchard in Baghagha	6,259.60	6,922.04	Committed	ODA	Grant	Mitigation	Agriculture	Senegal	Drop by drop irrigation of a 4-hectare orchard in Baghagha
Bolivia / America (South America) / Creation of a system of irrigation	6,970.00	7,707.62	Committed	ODA	Grant	Mitigation	Agriculture	Bolivia	Creation of a system of irrigation and cultivation of vegetables in 10 communities of the Municipality of Ckochas
Brazil / America (South America) / Cultivation of fruit plants for farming families of Goias	4,493.60	4,969.15	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	Cultivation of fruit plants for farming families of Goias
Brazil / America (South America) / Expansion of agricultural productions	4,852.00	5,365.48	Committed	ODA	Grant	Mitigation	Agriculture	Brazil	Expansion of agricultural productions for planting corn and rice in Goias
Peru / America (South America) / SuperA Peru: promotion of the certified exportation of the Superfoods Quinoa and Brazil nut	16,166.40	17,877.25	Committed	ODA	Grant	Mitigation	Industry	Peru	The project aims to contribute to sustainable economic development and poverty reduction in the regions of Apurimac, Ayacucho, Huancavelica and Madre di Dios, promoting the production chain of chestnut and quinoa.
Togo / Africa (South of Sahara) / The baobab seed	792.00	875.82	Committed	ODA	Grant	Mitigation	Other (Environmental education/ training)	Togo	Raising awareness on the environmental heritage conservation through the start-up of a small plant nursery, to breed both native traditional plants and those addressed to larger target and general market.
Niger / Africa (South of Sahara) / Water for Niger	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Water and Sanitation	Niger	Building 2 wells to support the cultivation of fruits and vegetables through community gardens; drafting brochures explaining how to use water and grow vegetables; establishing two committees for the management of the wells
Côte d'Ivoire / Africa (South of Sahara) / Clean water for street children	23,000.00	25,434.04	Committed	ODA	Grant	Adaptation	Water and Sanitation	Côte d'Ivoire	Strengthening the water supply system, by building a deep well to ensure access to clean water, by training young people on the

									maintenance and hygiene of the new facilities and by developing participatory processes and workshops
Nepal / Asia (South & Central Asia) / Water System reconstruction	41,000.00	45,338.94	Committed	ODA	Grant	Adaptation	Water and Sanitation	Nepal	Upgrading the local Water System to increase agricultural and livestock activities and to improve living conditions among local communities
Tanzania / Africa (South of Sahara) / Maji Safi - Acqua pulita (2° annualità)	50,000.00	55,291.39	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tanzania	Implementing the following water and sanitation actions: building wells in unserved villages; raising awareness on hygiene and water resources management; training community-based water and sanitation committees
Mali / Africa (South of Sahara) / A whole sea of water	81,820.00	90,478.82	Committed	ODA	Grant	Adaptation	Water and Sanitation	Mali	Providing drinking water to 6 villages of the Bendougouba municipality; supporting a local cooperative
Mali / Africa (South of Sahara) / Water for Koulintabali	6,960.00	7,696.56	Committed	ODA	Grant	Adaptation	Water and Sanitation	Mali	Providing access to drinking water, by building a well and installing a pump in the Koulintabali village
Togo / Africa (South of Sahara) / Water supply project for Tomegbe and Akloa Community	20,000.00	22,116.55	Committed	ODA	Grant	Adaptation	Water and Sanitation	Togo	Providing water supply to Akloa and Togembé Communities by collecting water from the Domi river
Bosnia and Herzegovina / Europe / BiH20: strengthening the eco-friendly management of water resources in Bratunac	41,470.00	45,858.68	Committed	ODA	Grant	Adaptation	Water and Sanitation	Bosnia and Herzegovina	Improving the social environment through training for local institutions, advocacy among communities and rehabilitation of water systems in two primary schools
Ethiopia / Africa (South of Sahara) / Facing the water crisis in the Afar region	12,000.00	13,269.93	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ethiopia	Improving living and health conditions among local population, by building wells and water supply systems and by organizing training and communication campaigns on hygiene, health and gender empowerment

Colombia / America (South America) / Water in schools: strengthening water networks, education and solidarity in five Colombian schools	34,660.00	38,327.99	Committed	ODA	Grant	Adaptation	Water and Sanitation	Colombia	Improving life conditions of farming communities, by fostering access to water in local schools, implementing the water network, strengthening a women's community network.
Cameroon / Africa (South of Sahara) / Providing Water Supply in the EELC Protestant College	20,833.33	23,038.08	Committed	ODA	Grant	Adaptation	Water and Sanitation	Cameroon	Providing water supply at the Ngaoundéré Protestant college
Niger / Africa (South of Sahara) / Wells for Zinder	15,000.00	16,587.42	Committed	ODA	Grant	Adaptation	Water and Sanitation	Niger	Rehabilitation of 5 wells and training of supervisors responsible for each water plant
Dominican Republic / America (North & Central America) / Water storage for 300 families	13,167.00	14,560.43	Committed	ODA	Grant	Adaptation	Water and Sanitation	Dominican Republic	Purchase of plastic materials and containers for storing water for 300 families
South Sudan / Africa (South of Sahara) / South Sudan emergency: water-sanitary project	60,000.00	66,349.66	Committed	ODA	Grant	Adaptation	Water and Sanitation	Other (South Sudan)	Improving health conditions and water access opportunities for twenty thousand people in Yei county in South Sudan by drilling wells
Burkina Faso / Africa (South of Sahara) / A well in Bangmidou	11,586.00	12,812.12	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	Drilling a well and building a hand-pump lifting system in Bangmidou
Burkina Faso / Africa (South of Sahara) / A well in Kona	11,586.00	12,812.12	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	Drilling a well and building a hand-pump lifting system in Kona
Burkina Faso / Africa (South of Sahara) / Sowing the Future II	35,000.00	38,703.97	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	Fighting poverty and increasing food security through small interventions focusing on water resources for agricultural and domestic purposes
Tanzania / Africa (South of Sahara) / Fostering local community participation in rural water supply management in Meru District, Tanzania	19,220.00	21,254.01	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tanzania	Ensuring access to water in the villages, organizing training courses, providing material and equipment for the maintenance of facilities.
Burkina Faso / Africa (South of Sahara) / Drilling a well to provide a village in Pella with drinkable water	8,872.00	9,810.90	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	Drilling a well to provide a village in Pella with drinkable water, so as to improve life conditions and health of thousands of people.
Burkina Faso / Africa (South of Sahara) / Drilling a well to provide a village in Nanoro with drinkable water	8,872.00	9,810.90	Committed	ODA	Grant	Adaptation	Water and Sanitation	Burkina Faso	Drilling a well to provide a village in Nanoro with drinkable water, so as to improve life conditions and health of thousands of people.

Togo / Africa (South of Sahara) / Drilling of 3 wells	6,666.67	7,372.18	Committed	ODA	Grant	Adaptation	Water and Sanitation	Togo	Drilling wells to provide drinking water remote villages
Tanzania / Africa (South of Sahara) / Maji for Kitowo – (Water to Kitowo)	12,992.00	14,366.91	Committed	ODA	Grant	Adaptation	Water and Sanitation	Tanzania	Improving access to water by reactivating four abandoned fountains, so as to provide nearby homes with water supply
Dominican Republic / America (North & Central America) / Construction of 50 latrines for the communities of Cayacoa, La Escalera, Pérez y El Toro	22,908.00	25,332.30	Committed	ODA	Grant	Adaptation	Water and Sanitation	Dominican Republic	Construction of 50 latrines for the communities of Cayacoa, La Escalera, Pérez y El Toro
Ecuador / America (South America) / Construction of 15 health services for the Community of Palacio Real	9,114.00	10,078.51	Committed	ODA	Grant	Adaptation	Water and Sanitation	Ecuador	Construction of 15 health services for the Community of Palacio Real
Guatemala / America (North & Central America) / farming families	22,771.00	25,180.80	Committed	ODA	Grant	Mitigation	Energy	Guatemala	Endowment of 'economic' wood stoves for farming families of the parish San Diego of Alcala
South Sudan / Africa (South of Sahara) / Purchase of a tractor	62,554.00	69,173.95	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (South Sudan)	Purchase of a tractor
Gambia / Africa (South of Sahara) / Nafugan of mixed farms	12,082.00	13,360.61	Committed	ODA	Grant	Cross-cutting	Agriculture	Gambia	creation of an orchard and breeding of farm animals
Ecuador / America (South America) / Creation of 25 farms for cultivation and breeding of animals to 25 families	13,375.00	14,790.45	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	Creation of 25 farms for cultivation and breeding of animals to 25 families
Brazil / America (South America) / Purchase of a tractor for small agricultural producers of Juan de Dios community	13,460.00	14,884.44	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	Purchase of a tractor for small agricultural producers of Juan de Dios community
Guatemala / America (North & Central America) / Mini-farms for the cultivation of vegetables, legumes and breeding of small animals in Retalhuleu	13,780.00	15,238.31	Committed	ODA	Grant	Cross-cutting	Agriculture	Guatemala	Mini-farms for the cultivation of vegetables, legumes and breeding of small animals in Retalhuleu
Burkina Faso / Africa (South of Sahara) / Supporting food security for women in Yangraogo	12,234.00	13,528.70	Committed	ODA	Grant	Cross-cutting	Agriculture	Burkina Faso	Fighting hunger and under-nutrition, by building a well for domestic and agricultural purposes, by growing vegetables, by supporting 25 women to cultivate their land properly, by promoting income generating activities

Namibia / Africa (South of Sahara) / Community agroecology in Katutura	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Agriculture	Namibia	Improving food security in Katutura by upgrading the project partner's community garden. Implementing workshops and coaching activities, creating ten family gardens, strengthening entrepreneurial skills of ten young women
Democratic Republic of the Congo / Africa (South of Sahara) / Food security and Poverty reduction in Bundundu	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	Enhancing agricultural production and fighting under-nutrition, by strengthening agricultural skills among local farmers, by adopting a lightweight mechanization and by introducing integrated man-animals tracking systems
Haiti / America (North & Central America) / Development seeds: promoting food security in Haiti by involving civil society	75,000.00	82,937.08	Committed	ODA	Grant	Cross-cutting	Agriculture	Haiti	Strengthening food security through training activities on sustainable development, agro-ecological farming systems, nutrition and hygiene best practices; organizing local development workshops; distributing seed kits; organizing awareness campaigns in Haiti
Argentina / America (South America) / Apiculture in Barrio Nuevo	47,584.14	52,619.86	Committed	ODA	Grant	Cross-cutting	Agriculture	Argentina	Strengthening of the apiculture's social entrepreneurship
El Salvador / America (North & Central America) / ECommunity	38,000.00	42,021.45	Committed	ODA	Grant	Cross-cutting	Agriculture	El Salvador	Promoting good agro-ecological practices to foster health conditions among El Cacao Arriba community.
Albania / Europe / The "ants" of Zadrime	17,308.00	19,139.67	Committed	ODA	Grant	Cross-cutting	Agriculture	Albania	Fostering income generating activities among small farmers and women working in rural Zadrime, by improving animal farming conditions, increasing production and improving sale conditions.
Niger / Africa (South of Sahara) / The sun for water - 2016-2017	8,689.00	9,608.54	Committed	ODA	Grant	Cross-cutting	Agriculture	Niger	Development of horticultural production activities by women who live in the villages of Niamey in Niger.

Uganda / Africa (South of Sahara) / Improved production agro - food of small farmers in Karamoja - Uganda	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Agriculture	Uganda	Training of students, farmers on the production cycle management in the field of agricultural and forestry, on the cultivation of the fields, on the institutionalization of business and marketing for the marketing of food and agricultural products.
Peru / America (South America) / Promotion of biological chains of fish and cocoa at the indigenous population Shawi Peruvian Amazonia	24,560.00	27,159.13	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	Consolidation of Cooperativa Agraria KampuPiyawi. Primary processing and sale of farmed fish and cocoa in the local markets.
Democratic Republic of the Congo / Africa (South of Sahara) / Agricultural kits for Lomela women	14,650.00	16,200.38	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	Strengthening agricultural skills among women in Lomela, through a training course and the enhancement of agricultural technology and income-generating activities
Democratic Republic of the Congo / Africa (South of Sahara) / Development worker for Congo	25,000.00	27,645.69	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	Empowering local network to assist and accomodate the local population with development projects and programmes adapted to their specific needs
Ecuador / America (South America) / Improving access to water and food sovereignty among poor families in two Guachanamá communities, Paltas area, Loja province	57,000.00	63,032.18	Committed	ODA	Grant	Cross-cutting	Agriculture	Ecuador	Developing water basins, improving spring water capacity, providing drinkable water to rural families. The project is particularly aimed at helping women charged with carrying water for long distances
Democratic Republic of the Congo / Africa (South of Sahara) / Diocese of Kole - Farmers' associations	61,270.00	67,754.06	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	Buying a Jeep for the farmers' associations
Togo / Africa (South of Sahara) / Less struggle and poverty within three groups of farmers	7,409.03	8,193.11	Committed	ODA	Grant	Cross-cutting	Agriculture	Togo	Improving farming practices within a few cooperatives by providing them with new agricultural equipment and facilities
Cameroon / Africa (South of Sahara) / "Notre Dame du Bon Secours pour l'Enfance"	5,373.00	5,941.61	Committed	ODA	Grant	Cross-cutting	Agriculture	Cameroon	Creation of a corn field to self-financing of "Notre Dame du Bon Secours pour l'Enfance" Association

India / Asia (South & Central Asia) / Agricultural activities for poor Dalit families	30,168.00	33,360.61	Committed	ODA	Grant	Cross-cutting	Agriculture	India	Agricultural activities for poor Dalit families
Brazil / America (South America) / Realization of a community garden for the people of Baiano	5,321.00	5,884.11	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	Realization of a community garden for the people of Baiano
Chile / America (South America) / Horticulture for 30 peasant families of Aysén	10,646.00	11,772.64	Committed	ODA	Grant	Cross-cutting	Agriculture	Chile	Horticulture for 30 peasant families of Aysén
Colombia / America (South America) / Production of vegetables and fruits	13,463.00	14,887.76	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Installation of greenhouses for the production of vegetables and fruits for farming families
Colombia / America (South America) / Crafts and family gardens in the Paez Belalcazar Municipality	13,343.00	14,755.06	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Crafts and family gardens in the Paez Belalcazar Municipality
Nepal / Asia (South & Central Asia) / Start-up marketing of high mountain potatoes in the remote Jumla district to fight starving and marginalization	26,704.00	29,530.02	Committed	ODA	Grant	Cross-cutting	Agriculture	Nepal	Improving socio-economic status of underprivileged families living in the most remote provinces, through income-generating activities as growing potatoes and support to the marketing of products
Democratic Republic of the Congo / Africa (South of Sahara) / Peanut for milk and school meals	15,000.00	16,587.42	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	Improving the living conditions of the child population through rural development; transferring technical skills and purchasing equipment for the cultivation of peanuts; involving single breadwinner mothers in the crop marketing; addressing part of the same supply to the local Support Centre for street children
Colombia / America (South America) / Processing and marketing of products obtained from the plantations of indigenous communities of Tipisca e Santarien	13,073.00	14,456.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Processing and marketing of products obtained from the plantations of indigenous communities of Tipisca e Santarien
Costa Rica / America (North & Central America) / Equipment for the processing of a local and the commercialization of the coffee	13,373.00	14,788.23	Committed	ODA	Grant	Cross-cutting	Agriculture	Costa Rica	Equipment for the processing of a local and the commercialization of the coffee
Gambia / Africa (South of Sahara) / Buying a rice sheller in favor of the communities in Berending	7,016.00	7,758.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Gambia	Buying a rice sheller in favor of the communities in Berending

Gambia / Africa (South of Sahara) / Buying a rice sheller in favor of the communities in Bansang	7,016.00	7,758.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Gambia	Buying a rice sheller in favor of the communities in Bansang
Gambia / Africa (South of Sahara) / Rice sheller for the community of Brikama Ba	7,016.00	7,758.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Gambia	Rice sheller for the community of Brikama Ba
Bolivia / America (South America) / Processing plant for the machining of peanuts and fruit in the Oronckota communities	19,024.00	21,037.27	Committed	ODA	Grant	Cross-cutting	Agriculture	Bolivia	Processing plant for the machining of peanuts and fruit in the Oronckota communities
Cameroon / Africa (South of Sahara) / Equipping and enlarging of a cassava transformation laboratory	19,000.00	21,010.73	Committed	ODA	Grant	Cross-cutting	Agriculture	Cameroon	Renovating a small lab dealing with cassava processing and strengthening transformation procedures, by training women involved about the management of small companies, by purchasing a new vehicle and supplementary equipment, by building a warehouse and by establishing grassroots and institutional networks
Dominican Republic / America (North & Central America) / Piggeries in various communities of the Province of Puerto Plata	22,908.00	25,332.30	Committed	ODA	Grant	Cross-cutting	Agriculture	Dominican Republic	Piggeries in various communities of the Province of Puerto Plata
Cameroon / Africa (South of Sahara) / Pig-breeding at Papas	48,154.00	53,250.03	Committed	ODA	Grant	Cross-cutting	Agriculture	Cameroon	Pig-breeding at Papas
Peru / America (South America) / Improvement of nutritional status through the breeding of pigs	11,110.00	12,285.75	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	Improvement of nutritional status through the breeding of pigs
Peru / America (South America) / Building a shed for sheep farming for the rural communities of the High Andes	14,045.00	15,531.35	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	Building a shed for sheep farming for the rural communities of the High Andes
Dominican Republic / America (North & Central America) / Building four farms for breeding of hens	13,158.00	14,550.48	Committed	ODA	Grant	Cross-cutting	Agriculture	Dominican Republic	Building four farms for breeding of hens
El Salvador / America (North & Central America) / Installation of modules for breeding hens to 70 farming families	8,974.00	9,923.70	Committed	ODA	Grant	Cross-cutting	Agriculture	El Salvador	Installation of modules for breeding hens to 70 farming families
Chad / Africa (South of Sahara) / Breeding of small ruminants	9,659.00	10,681.19	Committed	ODA	Grant	Cross-cutting	Agriculture	Chad	Breeding of small ruminants



Gambia / Africa (South of Sahara) / Piggeries in three rural parishes	11,615.00	12,844.19	Committed	ODA	Grant	Cross-cutting	Agriculture	Gambia	Piggeries in three rural parishes
Colombia / America (South America) / Chicken farm, production of eggs and sale of excess	13,463.00	14,887.76	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Chicken farm, production of eggs and sale of excess
El Salvador / America (North & Central America) / Municipality Nuevo Eden de San Juan	9,117.00	10,081.83	Committed	ODA	Grant	Cross-cutting	Agriculture	El Salvador	Installation of domestic modules for the breeding of small animals in 70 families in the Municipality Nuevo Eden de San Juan
Cuba / America (North & Central America) / Milk and meat for healthy nutrition	36,270.00	40,108.37	Committed	ODA	Grant	Cross-cutting	Agriculture	Cuba	Enhancing livestock potential for producing milk and meat; improving animal health; upgrading techniques for transformation, storage and distribution of products; training the farmers
Bosnia and Herzegovina / Europe / Rendene in Bosnia. Living in peace again	74,760.00	82,671.68	Committed	ODA	Grant	Cross-cutting	Agriculture	Bosnia and Herzegovina	Implementing solidarity-based initiatives aimed at supporting repatriated refugees in Sbrerenica and Milici in Bosnia
Togo / Africa (South of Sahara) / MSF 2016 Livestock Project	8,159.00	9,022.45	Committed	ODA	Grant	Cross-cutting	Agriculture	Togo	Ensuring maintenance and sustainability for the health centre for orphans, through the purchase of new land and the start of farming and poultry activities.
West Bank and Gaza Strip / Asia (Middle East Asia) / Nin'in community: starting a chicken farm	38,115.00	42,148.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (West Bank and Gaza)	Purchasing a plot of agricultural land and all the infrastructures needed to start a chicken farming business
Togo / Africa (South of Sahara) / Agro Livestock Farm	20,833.33	23,038.08	Committed	ODA	Grant	Cross-cutting	Agriculture	Togo	Establishing an Agro Livestock Farm and training local farmers' technical skills in agriculture and livestock
Indonesia / Asia (Far East Asia) / Porker Seeding Center	30,000.00	33,174.83	Committed	ODA	Grant	Cross-cutting	Agriculture	Indonesia	Building a pigsty to promote income-generating activities
Mongolia / Asia (Far East Asia) / Emergency intervention among the population in Almags province	50,000.00	55,291.39	Committed	ODA	Grant	Cross-cutting	Agriculture	Mongolia	Supporting local farmers to support drought-dzud affected populations
Cameroon / Africa (South of Sahara) / Agropastoral and handicraft entrepreneurship for underprivileged young people	110,800.00	122,525.71	Committed	ODA	Grant	Cross-cutting	Agriculture	Cameroon	Agropastoral and handicraft entrepreneurship for underprivileged young people

Côte d'Ivoire / Africa (South of Sahara) / Jacqueville Mission	110,889.00	122,624.13	Committed	ODA	Grant	Cross-cutting	Agriculture	Côte d'Ivoire	Women at school of plants and animals
Colombia / America (South America) / Training and development in the rural community of Norcasia	103,531.00	114,487.45	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Training and development project in the agri-livestock sector and promotion of income-generating family activities. Development of family activities generating income through strengthening pathways and acquisition of technical skills that lead to an optimal and sustainable utilization of land to cultivate and small farms, aimed mainly at young people
Tanzania / Africa (South of Sahara) / Basic education and training for rural development of the Chikopelo area	365,616.00	404,308.30	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	Basic education and training for rural development of the Chikopelo area (Completing of the Multi-year project)
Tanzania / Africa (South of Sahara) / Agricultural training center for women Mshangano	58,731.00	64,946.37	Committed	ODA	Grant	Cross-cutting	Agriculture	Tanzania	Agricultural training center for women Mshangano
Democratic Republic of the Congo / Africa (South of Sahara) / Agricultural vocational training for young	103,404.00	114,347.01	Committed	ODA	Grant	Cross-cutting	Agriculture	Democratic Republic of the Congo	Agricultural vocational training for young
Colombia / America (South America) / Project of agricultural and rural development training	94,903.00	104,946.37	Committed	ODA	Grant	Cross-cutting	Agriculture	Colombia	Project of agricultural and rural development training
Haiti / America (North & Central America) / Training for young people to produce legumes and beekeeping	104,913.00	116,015.70	Committed	ODA	Grant	Cross-cutting	Agriculture	Haiti	Training for young people to produce legumes and beekeeping
Peru / America (South America) / Equipment for the theoretical and practical training for the production of nutritional flour in favor of women of the Aymara ethnic group	11,936.00	13,199.16	Committed	ODA	Grant	Cross-cutting	Agriculture	Peru	Equipment for the theoretical and practical training for the production of nutritional flour in favor of women of the Aymara ethnic group
Haiti / America (North & Central America) / Learning and doing in Haiti	29,000.00	32,069.00	Committed	ODA	Grant	Cross-cutting	Agriculture	Haiti	Improving technical and scientific expertise in the field of agribusiness in Haiti by training local human resources, by exchanging knowledge and best practice and by implementing community-based

									action and research on local varieties of cereal and oilseed crops
Tunisia / Africa (North of Sahara) / Supporting women-led socio-economic initiatives in the northwest of Tunisia	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Agriculture	Tunisia	Strengthening entrepreneurial and management skills among women, networking among grassroots stakeholders dealing with gender and food supply chain issues
Senegal / Africa (South of Sahara) / Takku bey II	13,972.00	15,450.62	Committed	ODA	Grant	Cross-cutting	Agriculture	Senegal	Inclusive community-based policies and income-generating activities to promote the empowerment and food security of women
Brazil / America (South America) / Fish farming, education and nutrition source	32,890.00	36,370.67	Committed	ODA	Grant	Cross-cutting	Agriculture	Brazil	Support Familiar Agricola's School of Ribeira do Pompal in Brazil and strengthening its sustainability.
El Salvador / America (North & Central America) / Municipality of San Rafael Obrajuelo	9,117.00	10,081.83	Committed	ODA	Grant	Cross-cutting	Agriculture	El Salvador	Construction of metallic silos for 125 families in the Municipality of San Rafael Obrajuelo
Mali / Africa (South of Sahara) / Creation of a warehouse for cereals	11,277.00	12,470.42	Committed	ODA	Grant	Cross-cutting	Agriculture	Mali	Creation of a warehouse for cereals
Ethiopia / Africa (South of Sahara) / Seeds bank in the cooperative for Wallacha village	13,358.00	14,771.65	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Supporting agriculture and the local cooperative, providing them assets and training for start up activities
Ethiopia / Africa (South of Sahara) / Cooperative in Kutto Sorfella village	12,988.00	14,362.49	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Supporting agriculture and the local cooperative, providing them assets and training for start up activities
Ethiopia / Africa (South of Sahara) / Cooperative in Lera village	11,065.00	12,235.98	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Support income generating activities
Ethiopia / Africa (South of Sahara) / Cooperative in Mayo Koyo	2,753.00	3,044.34	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Support income generating activities
Ethiopia / Africa (South of Sahara) / Cooperative in Warbira village	10,047.00	11,110.25	Committed	ODA	Grant	Cross-cutting	Agriculture	Ethiopia	Supporting agriculture and the local cooperative, providing them assets and training for start up activities
Mexico / America (North & Central America) / Fazenda Esperanza di Zacoalco de Torres - Jalisco	12,354.00	13,661.40	Committed	ODA	Grant	Cross-cutting	Agriculture	Mexico	Purchase of materials for the construction of production modules

Nigeria / Africa (South of Sahara) / Be Safe - Beekeepers	33,600.00	37,155.81	Committed	ODA	Grant	Cross-cutting	Agriculture	Nigeria	Promoting the social and labor integration of 20 women victims of trafficking, by training them in beekeeping, by building a beehive and by supporting them to start income-generating activities within this field
Mozambique / Africa (South of Sahara) / Green Pemba - Food security and access to markets in urban and peri-urban backgrounds of Pemba and Metuge, northeast of Mozambique	20,430.00	22,592.06	Committed	ODA	Grant	Cross-cutting	Agriculture	Mozambique	Promoting food security for 200 small farmers, through the enhancement of local varieties of raw materials and traditional agronomic techniques; increasing economic autonomy of 50 local producers, through the support to the access to the Pemba markets
Nicaragua / America (North & Central America) / Equipment and veterinary products for medical care of the animals of the Esteli families	7,910.00	8,747.10	Committed	ODA	Grant	Cross-cutting	Agriculture	Nicaragua	Equipment and veterinary products for medical care of the animals of the Esteli families
Colombia / America (South America) / Construction of small lakes for pisciculture of the Rio Azul, La Palmera and El Tapir agricultural communities, municipality of Pijao-Quindio	10,491.00	11,601.24	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Colombia	Construction of small lakes for pisciculture of the Rio Azul, La Palmera and El Tapir agricultural communities, municipality of Pijao-Quindio
Brazil / America (South America) / therapeutic community "Vale do Encontro" Populorum Progressio	9,815.00	10,853.70	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Brazil	Implementation of seven tanks for pisciculture
Brazil / America (South America) / Creating 5 tubs for the production of fish	12,251.00	13,547.50	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	Brazil	Creating 5 tubs for the production of fish
El Salvador / America (North & Central America) / Fish farming La Paz	9,111.00	10,075.20	Committed	ODA	Grant	Cross-cutting	Other (Fishing)	El Salvador	Construction of artisan tanks for the breeding of tilapia fish in the San Rafael Municipality Obrajuelo - La Paz
Uganda / Africa (South of Sahara) / SUPPORT TO LOCAL ORGANISATIONS	8,711.60	9,633.53	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Uganda	To provide funding or technical support to micro-projects promoted by local organisations
Democratic Republic of the Congo / Africa (South of Sahara) / Distance financial support	1,800.00	1,990.49	Committed	ODA	Grant	Cross-cutting	Cross-cutting	Democratic Republic of the Congo	Several small projects which contribute to children (education), poor families (financial aid), communities and local associations.

									Crafts support. Peacebuilding.
Democratic Republic of the Congo / Africa (South of Sahara) / Support in agro-pastoral area	32,965.20	36,453.83	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Democratic Republic of the Congo	Support in agro-pastoral area: construction of a capacity building center for rural organizations
India / Asia (South & Central Asia) / Multipurpose Social Service Society - PMSSS	15,200.00	16,808.58	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	India	Access to drinking water, equipment and tools for shoemakers, farmers, laborers, laundresses and advanced training for 150 young people
Democratic Republic of the Congo / Africa (South of Sahara) / Strengthening of economic and agricultural capacities of the population for sustainable development	108,512.40	119,996.02	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Democratic Republic of the Congo	Strengthening of economic and agricultural capacities of the population for sustainable development
Zambia / Africa (South of Sahara) / Purchase of four vehicles	43,297.20	47,879.24	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Zambia	The vehicles are used in order to carry out vaccination campaigns, rescue and transport the sick and to allow the villagers to have a means of transport for agricultural and livestock products.
Paraguay / America (South America) / Training for economic development and the fight against poverty in rural areas	27,230.40	30,112.13	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Paraguay	Training for economic development and the fight against poverty in rural areas
Democratic Republic of the Congo / Africa (South of Sahara) / Bambaie lève-toi et marche	72,326.40	79,980.54	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Democratic Republic of the Congo	Revival of agricultural activities and the fight against extreme poverty in the town of Bena Konji and Tshikuluka
Uganda / Africa (South of Sahara) / "Giovani e donne"	9,022.80	9,977.66	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Uganda	The project intends to promote information and HIV prevention and, at the same time, promote a more modern agriculture to get out of extreme poverty these communities of farmers and fishermen in the lake area.
Angola / Africa (South of Sahara) / Women walking	9,243.60	10,221.83	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Angola	Women walking - training and development

Philippines / Asia (Far East Asia) / After the storm: Samar beyond l'emergenza	7,352.00	8,130.05	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Philippines	Improving the living conditions of the communities in Samar Island, by supporting the sale of traditional agricultural products and the training of early childhood educators
Mozambique / Africa (South of Sahara) / Esmabana project – Coltivare istruzione e salute	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Mozambique	Improving the quality of life by enhancing agro-livestock sector; introducing new cultivation techniques; purchasing equipment; providing training and capacity building activities
Cameroon / Africa (South of Sahara) / Co-development and migration: Community Garden, a land for NKWEN women	7,912.00	8,749.31	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Cameroon	Fighting against starvation and women marginalization in Nkwen, Bamenda suburbs, through the development of community gardens
Viet Nam / Asia (Far East Asia) / Family farming development in North Vietnam	5,040.00	5,573.37	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Viet Nam	Promoting integrated farm management systems to ensure food security and to increase income for the local community; carrying out a research on the local agricultural background; providing training courses on agriculture, livestock and accounting to veterinary physicians, local farmers and institutional representatives working in the agricultural sector
Ethiopia / Africa (South of Sahara) / Education and training program in the Amhara region	5,600.00	6,192.64	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Ethiopia	Improving the living conditions of the Amhara people, by renovating three schools, training teachers, raising awareness within the community, training women on entrepreneurship skills, starting income-generating activities, establishing water collection points and management committees, providing hygiene education

India / Asia (South & Central Asia) / Let's give credit to her!	10,200.00	11,279.44	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	India	Improving the living conditions among women in the Andhra Pradesh region, by training beneficiaries on entrepreneurship skills, starting income-generating activities, providing literacy courses, raising awareness within the community
Benin / Africa (South of Sahara) / Agricultural and livestock project: schooling support	16,000.00	17,693.24	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Benin	Enabling young local students to earn enough money to be able to enroll in and attend good schools.
North of Sahara, regional / Africa (North of Sahara) / Enhancing cohesion within civil society in Maghreb in order to create an eco-friendly and inclusive rural development	20,440.00	22,603.12	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Middle East and North Africa	Reinforcing active and sustainable involvement of civil society in Maghreb, through the strengthening of two networks contributing to socio-economic development in rural areas.
Tanzania / Africa (South of Sahara) / MA.MBO! Maendeleo ya mbobo (Development toward fertility)	6,000.00	6,634.97	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Tanzania	Providing socio-economic support to local vulnerable groups through training, capacity-building and microcredit opportunities.
South of Sahara, regional / Africa (South of Sahara) / Sustainable healthy living for vulnerable communities in DRC and Zimbabwe	60,000.00	66,349.66	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Other (South Sahara)	Promoting healthy and sustainable livelihoods for vulnerable communities through the coordination of bottom-up initiatives in the WASH field (access to water and sanitation), as well as in nutrition and income-generating activities
Indonesia / Asia (Far East Asia) / Sustainable Community Development	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Other (Rural Development)	Indonesia	Training courses and activities for children and young people with disabilities and their families
Developing countries, unspecified / / Basic and higher education micro actions	4,795.23	5,302.70	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Other (Developing countries)	Scholarships in primary, secondary and higher education
Mozambique / Africa (South of Sahara) / Training of community leaders	26,986.40	29,842.31	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Mozambique	The goal of the project is aimed at the training of leaders on matters relating to health, illiteracy, role of women, prevention HIV-AIDS, justice and peace, children's entertainment.

Colombia / America (South America) / Zonas de Reserva Campesina, an agricultural initiative aimed at peace and social justice	9,041.60	9,998.45	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Colombia	Developing the Zonas de Reserva Campesina (ZRC) as a peace building tool and as an active political space in rural Colombia
Zambia / Africa (South of Sahara) / Mthunzi Centre	20,739.20	22,933.98	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Zambia	The Centre hosts about 50 street children and supports their school fees. It is also a day-care centre for the children of the surrounding community, who take part in the educational activities. The centre also supports business and agricultural activities for the neighborhood and provides high level scholarships.
Madagascar / Africa (South of Sahara) / Purchase of a vehicle for the mission Mahaso di Ihosy	11,500.00	12,717.02	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Madagascar	The vehicle is used in order to carry out vaccination campaigns, rescue and transport the sick and to allow the villagers to have a means of transport for agricultural and livestock products.
Benin / Africa (South of Sahara) / Alternative education for child laborers in agriculture: reintegration into formal education system. Phase 2: Capitalizing on Phase 1 achievements	13,362.80	14,776.95	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Benin	Reintegration into education system and professional trainings.
Bolivia / America (South America) / Income by agriculture and handcraft	10,000.00	11,058.28	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Bolivia	Providing access to small but regular income and healthy food. The project is addressed to women and young people
Gambia / Africa (South of Sahara) / Equipment for the family economy and agriculture departments, purchase materials and tools for gardening	1,999.20	2,210.77	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Gambia	Equipment for the family economy and agriculture departments, purchase materials and tools for gardening
Niger / Africa (South of Sahara) / Support Network Plus	20,000.00	22,116.55	Committed	ODA	Grant	Cross-cutting	Other (Banking and financial services)	Niger	Providing micro-credit funds to enable underprivileged women to start-up small ateliers and boutiques; encouraging their autonomy and supporting the local economy; purchasing agricultural equipment



									and facilities to grow better crops
Myanmar / Asia (South & Central Asia) / SESAMUM – Economic Sustainable Development of Agriculture in Magway	9,702.00	10,728.74	Committed	ODA	Grant	Cross-cutting	Industry	Myanmar	Strengthening the production capacity of small farmers in the sesame sector, by establishing cooperatives, by training beneficiaries and by drafting a technical communication document
Senegal / Africa (South of Sahara) / Food security for Kalle Gueye (Senegal)	27,850.00	30,797.30	Committed	ODA	Grant	Adaptation	Other (Developmental food aid/Food security assistance)	Senegal	Increasing the added value of agricultural products through the enhancement of a processing facility.
Mauritania / Africa (South of Sahara) / Urgence RIMRAP	40,000.00	44,233.11	Committed	ODA	Grant	Cross-cutting	Other (Emergency Response)	Mauritania	Emergency action to reduce vulnerability and to improve resilience among agro-pastoral communities in the Hodhel Chargu area; vaccination campaigns, health/food kits distribution, post-disaster reconstruction programmes
Madagascar / Africa (South of Sahara) / Polyvalent Centre of Antsiranana	49,862.00	55,138.78	Committed	ODA	Grant	Mitigation	Other (Education Unspecified)	Madagascar	Solar energy for the Social Polyvalent Centre of Antsiranana
Senegal / Africa (South of Sahara) / Energy from the earth	19,501.00	21,564.75	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Senegal	Increasing access to school for children in Ndiadlane and Pikine and providing the local school with a canteen
Uruguay / America (South America) / Colonia Valdese: three-phase energy	47,584.14	52,619.86	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Uruguay	Purchase of a Three-phase energy meter
Syrian Arab Republic / Asia (Middle East Asia) / Emergency Initiative for the energy and food self-containment in the community under siege of al-Waar (Homs, Syria)	21,000.00	23,222.38	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Syrian Arab Republic	Supporting the Al Waar community under siege, by providing the most vulnerable families with 500 hand-made stoves for household purposes and with 800 chicks as an asset for sustainable livelihoods
Senegal / Africa (South of Sahara) / Opening a Maternal, neonatal, and child Dispensary	8,068.00	8,921.82	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Senegal	Improving the living conditions and healthcare for children and mothers, particularly those involved in fish

									processing, by opening a health dispensary
Burkina Faso / Africa (South of Sahara) / Food security in the schools; Ouagadougou	24,770.00	27,391.35	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Burkina Faso	Developing a common canteen for the schools of the district. Setting up of an educational area for children.
Côte d'Ivoire / Africa (South of Sahara) / Construction, equipment and management of a medical centre	4,308.00	4,763.91	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Côte d'Ivoire	The medical centre of 1.500 sm for a rural and poor population of about 30.000 inhabitants includes first aid, maternity ward, pediatrics, general and specialist medicine, hospitalization, pharmacy, ambulance, training courses for women of hygiene, food security, nutrition, prevention. Free open days to prevent hypertension, diabetes, ocular and dermatologic diseases.
Rwanda / Africa (South of Sahara) / Support for food security and maternal and child health in the Buyoga sector (Rulindo district)	128,991.00	142,641.82	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Rwanda	Support for food security and maternal and child health in the Buyoga sector (Rulindo district)
Niger / Africa (South of Sahara) / School gardens: food security and education towards an eco-friendly future (Niger)	23,103.00	25,547.94	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Niger	Promoting food security education in different schools by implementing a school garden.
Peru / America (South America) / Books and Food	25,000.00	27,645.69	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Peru	Improving living conditions, food security and education for 1000 children through the Distribution of material for the day care Center
Burkina Faso / Africa (South of Sahara) / Health, education and food security in the Sahel region emergency	30,000.00	33,174.83	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Burkina Faso	Renovating two schools. Promoting food security through the provision of equipment and seeds and the organization of school gardens. Training teachers about health and nutrition

Pakistan / Asia (South & Central Asia) / Integrated humanitarian assistance to populations affected by the complex emergency in Pakistan	2,410.00	2,665.04	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Pakistan	The project supports HHs with a ratio of approximately 95% Temporary Displaced People and 05% Host Community, for a total of 53940 beneficiaries. DRR, gender, age and the needs of vulnerable groups have been considered throughout the project's design. The specific objective of the project is to meet the immediate humanitarian needs of disaster-affected communities in KP through the provision of an integrated and adapted Food Security & Livelihoods and WASH intervention.
Lebanon / Asia (Middle East Asia) / Supporting education and nutrition for young Syrian refugees in the Palestinian camps	30,000.00	33,174.83	Committed	ODA	Grant	Adaptation	Other (Emergency Response)	Lebanon	Assisting Syrian refugees in Lebanon through education, food security and health awareness activities
Nepal / Asia (South & Central Asia) / Renovating and supporting Gotihava school	9,162.40	10,132.04	Committed	ODA	Grant	Cross-cutting	Other (Education Basic)	Nepal	Renovating Gotihava primary school after the latest earthquakes and providing nutrition and health support within the institute
Madagascar / Africa (South of Sahara) / Social healthcare and nutrition: from the awareness raising on prevention in the villages to the healthcare in the hospital	16,684.80	18,450.51	Committed	ODA	Grant	Cross-cutting	Other (Health General)	Madagascar	Carrying out activities going from social healthcare and nutrition, to raising awareness about prevention in the villages, to the health services in the hospital
Guinea-Bissau / Africa (South of Sahara) / Accompaniment of nutritional recovery centers	3,414.80	3,776.18	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Guinea-Bissau	Accompaniment of nutritional recovery centers
South Sudan / Africa (South of Sahara) / Doro Clinic	600,000.00	663,496.63	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Other (South Sudan)	Treatment of malnutrition and interventions to fight malaria; the latter is one of the leading causes of death among children
Kenya / Africa (South of Sahara) / Fighting maternal and child undernutrition in Kajiado	12,000.00	13,269.93	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Kenya	Health programme to reduce maternal and child under-nutrition, mortality rate, intellectual disability and birth defects among children aged 0 to 5 years living in the

									pastoral Maasai people in the arid area of the savannah
Mauritania / Africa (South of Sahara) / Mauritania, medical and nutritional assistance to Malian refugees in the camp of Mbera, and health care to the population of Fassala and Bassikounou	60,000.00	66,349.66	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Mauritania	Reduce mortality among the population of Mbera Malian refugee camps through medical and nutritional assistance; free access to healthcare for local population from Fassala and Bassikounou.
Cambodia / Asia (Far East Asia) / ALA – development of poultry farm to improve women and children conditions in Cambodia.	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Cambodia	Improvement of nutrition and food safety conditions in Cambodia. Building a poultry unit next to an orphanage.
Burkina Faso / Africa (South of Sahara) / Cren, a second chance	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Burkina Faso	Actions of prevention and nutrition education in the territory served by the Oasis Center, a rehabilitation center and nutrition education.
Togo / Africa (South of Sahara) / Health and food programme	2,666.67	2,948.87	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Togo	Supporting health and food programme run by the Evangelical Presbyterian Church in the field of vaccination, nutrition, reproductive health
Burkina Faso / Africa (South of Sahara) / Fighting AIDS affecting Children in the Centre Médical Saint Camille, Ouagadougou	4,140.40	4,578.57	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Burkina Faso	The project reinforces the medical assistance given to children affected by HIV/AIDS in the C.Médical St Camille, by providing: • Support to the medical assistance given to HIV+ children; • Giving local medical staff training in technical skills related to antiretroviral therapy and to fighting malnutrition; - Supporting research activities aimed at defining pilot modes of intervention; • Facilitating access and administration of antiretroviral medications and drugs treating malnutrition.

Kenya / Africa (South of Sahara) / Tumaini Children's Home	3,098.00	3,425.85	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Kenya	The project consists in hospitality and care for 50 orphans HIV + at the Tumaini Children's Home in Nanyuki. On guarantees them social and health care and adequate nutrition to their health status
Zambia / Africa (South of Sahara) / Improving health care and education in prison for women and children and promoting human rights	10,400.00	11,500.61	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Zambia	Promoting human rights - particularly relating education, health and nutrition - and improving the living conditions of detainees in 7 Zambian prisons
Kenya / Africa (South of Sahara) / L'Arche Kenya: making known the gifts of people with disabilities	8,000.00	8,846.62	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Kenya	Supporting people with disabilities through individual plans, nutrition and housing assistance and a clothing service; raising awareness within the community on the issue; training personnel.
Cameroon / Africa (South of Sahara) / MIAGHA Program	16,000.00	17,693.24	Committed	ODA	Grant	Cross-cutting	Other (Other social infrastructure and services)	Cameroon	Nutritional Monitoring Project for children aged 06-59 months living with HIV or coming from AIDS-affected households in the Health District of Dschang and Surrounding Area (MIAGHA Program)
Gambia / Africa (South of Sahara) / Primary school St. Georges de Mansajang	11,798.00	13,046.56	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Gambia	Water and sanitation in primary school St. Georges de Mansajang
Gambia / Africa (South of Sahara) / Water and sanitation in a kindergarten	11,020.00	12,186.22	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Gambia	Water and sanitation in a kindergarten
Gambia / Africa (South of Sahara) / Primary school St. John Bosco of Sintet	10,364.00	11,460.80	Committed	ODA	Grant	Adaptation	Other (Education Unspecified)	Gambia	Water and sanitation in primary school St. John Bosco of Sintet
India / Asia (South & Central Asia) / School and water for children from Chaksalika	33,110.00	36,613.96	Committed	ODA	Grant	Adaptation	Other (Education Basic)	India	Build a primary school in the rural village of Chaksalika; program of education about hygiene standards, water resources and adequate nutrition; installation five manual pumps for water extraction in the village.

Haiti / America (North & Central America) / Bottom-up actions for Water access and Health	12,598.00	13,931.22	Committed	ODA	Grant	Adaptation	Other (Health Basic)	Haiti	The project aims at facing the serious cholera, gastro-intestinal water-borne and infectious diseases emergency affecting the country through hygiene education and good practices promotion in the waste and water management field.
Venezuela / America (South America) / Well for the children's home "Casa Hogar" in Valencia	25,000.00	27,645.69	Committed	ODA	Grant	Adaptation	Other (Other social infrastructure and services)	Venezuela	Supporting to the orphanage activities and improving its water supply system through the construction of a well
Ecuador / America (South America) / Cultural agreement between UNIFI and Universidad Politecnica Salesiana	1,500.00	1,658.74	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Ecuador	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Guatemala / America (North & Central America) / Cultural agreement between UNIFI and Universidad San Carlos de Guatemala	1,000.00	1,105.83	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Guatemala	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Algeria / Africa (North of Sahara) / Agrobiodiversity	5,600.00	6,192.64	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Algeria	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems

Ethiopia / Africa (South of Sahara) / Agrobiodiversity	25,200.00	27,866.86	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Ethiopia	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
Indonesia / Asia (Far East Asia) / Agrobiodiversity	11,200.00	12,385.27	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Indonesia	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
Iran / Asia (Middle East Asia) / Agrobiodiversity	7,000.00	7,740.79	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Other (Developing countries)	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future

									generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
Lebanon / Asia (Middle East Asia) / Agrobiodiversity	1,400.00	1,548.16	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Lebanon	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
Madagascar / Africa (South of Sahara) / Agrobiodiversity	5,600.00	6,192.64	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Madagascar	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems



Nicaragua / America (North & Central America) / Agrobiodiversity	5,600.00	6,192.64	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Nicaragua	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
Viet Nam / Asia (Far East Asia) / Agrobiodiversity	1,400.00	1,548.16	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Viet Nam	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
India / Asia (South & Central Asia) / Agrobiosciences	5,600.00	6,192.64	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	India	The goal of this three-year PhD Programme is to enhance human resource capacities in the use and management of genetic variation in agricultural and natural systems, to improve the sustainability of agricultural systems and the conservation of genetic resources for the well-being of present and future

									generations. Candidates can choose between two curricula: Curriculum A – Plant genetic resources Curriculum B – Functional biodiversity in agroecosystems
Ethiopia / Africa (South of Sahara) / Amhara Regional Agricultural Research Institute (Arari) - activity of research related to the PhD thesis	9,200.00	10,173.61	Committed	ODA	Grant	Adaptation	Agriculture	Ethiopia	Activity of research related to the PhD thesis 4 Ethiopian student for the valorisation of indigenous genetic resources of wheat and teff (main cereal in the Horn of Africa)
Mexico / America (North & Central America) / Financing of research activities at the International Maize and Wheat Improvement Center.	2,000.00	2,211.66	Committed	ODA	Grant	Adaptation	Agriculture	Mexico	The amount financed the research activities of PhD student of Nicaragua. The three-year program includes methodological, general and interdisciplinary courses within specific areas of law mentioned. Each month, also holds seminars, workshops and research meetings involving students Ph.D., professors of the course and outside guests. The career of each student and the progress of its research activities are reviewed regularly by the Teaching.
Argentina / America (South America) / Cultural agreement between UNIFI and Universidad del Salvador	3,394.00	3,753.18	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Argentina	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Ethiopia / Africa (South of Sahara) / Cultural agreement between UNIFI (Dpt. GESAAF)and Mekelle University	2,600.00	2,875.15	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Ethiopia	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.

India / Asia (South & Central Asia) / Cultural agreement between UNIFI and Chandigarh University	660.00	729.85	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Developing countries, unspecified / / Scholarship - PhD course in "Appropriate Methods and Technologies for International Development Co-operation"	3,466.00	3,832.80	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	A high-level training of people to be assigned as operators in the field of technical cooperation; developing research as a tool for the study of appropriate solutions for health and environment to be applied in low-income countries.
North & Central America, regional / America (North & Central America) / purchase of a drinking water purifier	15,800.00	17,472.08	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (North and Central America)	Regional training program applied to Risk Scenarios Investigation and Monitoring of Volcanic, Seismic and geo-hydrological phenomena in Central America. The project focuses on seismic risks in central America (El Salvador, Guatemala, Honduras and Nicaragua)
Developing countries, unspecified / / Enhancing competencies in the Marine and Maritime sectors: an opportunity for the Mediterranean countries	22,800.00	25,212.87	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Other (Developing countries)	In collaboration with other partner-institutions, OGS is organizing an advanced training school in Trieste for researchers, scientists and managers from the Mediterranean and Black sea Countries. This is to support the creation of stable and attractive career pathways and highly skilled talents that will be needed to support expanding marine and maritime sectors. The focus of the training school is on strengthening professional skills and enhancing competencies in fields related to the blue economy.

Argentina / America (South America) / Local Development & Environmental Protection - DeLP	8,400.00	9,288.95	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Argentina	The project focuses on local development through targeted planning, training and research for the prevention of environmental and geological risks, promoting technology transfer and cooperation between the scientific and the rural world, in order to protect and enhance natural resources, environmental and agricultural.
India / Asia (South & Central Asia) / Operational definition of seismic risk and intervention techniques to strategic buildings: an integrated system of HPC Platform	4,300.00	4,755.06	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	India	Operational definition of seismic risk and intervention techniques to strategic buildings: an integrated system of HPC Platform. The project focuses on seismic risks in India: high performance computing will be applied.
Viet Nam / Asia (Far East Asia) / IMRR project - integrated and sustainable management of red-thai binh river system in a changing climate	21,022.40	23,247.15	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Viet Nam	The project aims to identify appropriate policies for the management of tanks built on the Red-Thai Binh river system
Developing countries, unspecified / / Fellowship for technical research in developing countries	3,910.40	4,324.23	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Other (Developing countries)	Fellowship (co-found) for supporting technical research on sanitation in CeTamb LAB projects in developing countries
Europe, regional / Europe / International activities' program	1,080.00	1,194.29	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Eastern Europe	A two-days cycle of seminars on "Water Safety Plan and Sanitation safety Plan" J. Fawell. A three-day cycle of seminars on "Waste management in developing countries (non EU members)" B. Batnic. A two-days cycle of seminars on "Eco-health and risk assessment approaches for low and middle income countries" C. Cissé.

Sierra Leone / Africa (South of Sahara) / S.I.P.O'.F.A '. in Sierra Leone - participated entrepreneurial development to optimize the supply chain of the cashew in Sierra Leone	14,616.07	16,162.86	Committed	ODA	Grant	Cross-cutting	Agriculture	Sierra Leone	The project aims to contribute to the improvement of food security and job creation in Sierra Leone. The project focuses particularly on improving the agri-food sector.
Brazil / America (South America) / PolimiporRocinha	12,608.00	13,942.28	Committed	ODA	Grant	Cross-cutting	Other (Urban development and management)	Brazil	Solutions to Improve Living Conditions in Rocinha's favela by adopting a methodology developed at the Politecnico di Milano that integrates environmental, urban design and energy efficiency expertise with water and waste treatment strategies according to a systemic approach
South of Sahara, regional / Africa (South of Sahara) / Biofarming system in Ethiopian and Ugandan Higher Education Institutions (MAINBIOSYS)	30,264.00	33,466.77	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Other (South Sahara)	Mainstreaming the biofarming system in Ethiopian and Ugandan Higher Education Institutions (MAINBIOSYS)
Europe, regional / Europe / realization of a plant greenhouses	3,200.00	3,538.65	Committed	ODA	Grant	Mitigation	Water and Sanitation	Eastern Europe	A one-week international summer school with topic "Resource Recovery from water and waste: appropriate Solutions in Low and Middle Income Countries" and one day seminar on "Monitoring, Evaluation, Impact and Learning (MEIL) in Developing Projects" M. Ali
South Africa / Africa (South of Sahara) / Plasmonics for a better efficiency of solar cells	12,280.00	13,579.56	Committed	ODA	Grant	Mitigation	Energy	South Africa	Explore different roads to enhance the efficiency of conventional Solar Cells by better light trapping (plasmonic structures) and higher absorption of solar spectrum (up- and down-conversion phenomena)
Developing countries, unspecified / / set4food - sustainable energy technologies for food utilization 2	30,000.00	33,174.83	Committed	ODA	Grant	Mitigation	Energy	Other (Developing countries)	Enhancement of the capacity of humanitarian actors in identifying implementing and monitoring efficient and sustainable energy technologies for food utilization in temporary /

									permanent camps or informal settlements.
Kenya / Africa (South of Sahara) / KENYA- Initiatives in the field of Renewable Energy - Geothermal Energy	12,856.80	14,217.41	Committed	ODA	Grant	Mitigation	Energy	Kenya	The school is financed by the Ministry of Foreign Affairs and International Cooperation, by the Italian Agency for Development Cooperation and co-funded by the University of Pisa, and COSVIG and the Scuola Superiore Sant'Anna of Pisa. This Summer School will provide participants from the countries of East Africa first a basic training on all aspects of research (exploration) and utilization (production) of geothermal resources and secondly, the school will be complemented by specific details on new techniques that allow participants to increase their knowledge.
Madagascar / Africa (South of Sahara) / Enhancement of biodiversity, raising awareness about issues concerning its conservation and the development of alternative sources of income	2,734.58	3,023.98	Committed	ODA	Grant	Mitigation	Other (Bio-diversity)	Madagascar	To the event - focused on the interconnections between food, environment and nature in transnational context as part of the research project Transnational Appetites: Migrant Women's Art and Writing on Food and the Environment - contributed interventions about the enhancement of biodiversity in Madagascar, raising awareness about issues concerning its conservation and the development of alternative sources of income for local people.

Lebanon / Asia (Middle East Asia) / resume yazidi's education	33,780.00	37,354.86	Committed	ODA	Grant	Cross-cutting	Other (Education Unspecified)	Lebanon	From this collaboration, USEK can create a Center of Excellence for the Middle Eastern area by expanding the focus from training for the conservation and enhancement of cultural heritage compared to the needs of this large territory, including the territories now the scene of conflict. It will be a center deputy to the conservation, use and management of cultural heritage that can carry the public interest in the patrimony kept and managed by the communities and local institutions
Brazil / America (South America) / Cultural agreement between UNIFI and Universidade Federal de Vicosa	400.00	442.33	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Brazil	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Costa Rica / America (North & Central America) / Cultural agreement between UNIFI (Dip. DST) and Universidad Nacional Costa Rica	800.00	884.66	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Costa Rica	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Burundi / Africa (South of Sahara) / DAPADU (On the side of the latest)	5,100.00	5,639.72	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Burundi	The aim of the project is the higher education at the University of Teramo – Faculty of "Bioscience and technology for agriculture food and environment" - of 2 students/year coming from Burundi. The students are dispensed with university tax and every student receive a scholarship.
Burkina Faso / Africa (South of Sahara) / Malaria control in Burkina Faso - Training and research in Malariology	1,027.20	1,135.91	Committed	ODA	Grant	Cross-cutting	Other (Health Basic)	Burkina Faso	The initiative aims at continuing the Italian contribution to fight against malaria in Burkina Faso

Cameroon / Africa (South of Sahara) / Solar Photovoltaic Adaptable Refrigeration Kit SPARK	4,834.77	5,346.42	Committed	ODA	Grant	Cross-cutting	Energy	Cameroon	Developing a modular kit for the self-construction of a economically competitive Solar Photovoltaic Adaptive Refrigeration Kit (SPARK) powered by photovoltaic solar energy and easily assembled in the context of Africa's tropical range.
Developing countries, unspecified / / Natural Resources, Agricultural Development, Food Security International Research Network (NAF-IRN)	1,200.00	1,326.99	Committed	ODA	Grant	Cross-cutting	Agriculture	Other (Developing countries)	The Research Network has the specific objective of promoting the exchange of publications, scientific information and materials relevant to the fields of Natural Resources; Agricultural Development; and Food Security, where the founding Universities have consolidated research experience at both the national and international levels.
Libya / Africa (North of Sahara) / Archeological Mission at Cyrene	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Other (Site preservation)	Libya	Among the activity of the Archaeological Mission in Libya of the Urbino University in 2016 we made a training course of restoration and preservation of the archeological site in emergency. Four technicians from Libya attended the training course for two months in Italy.
Nepal / Asia (South & Central Asia) / Phd Scholarship	7,711.09	8,527.13	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Nepal	Phd Scholarship
Myanmar / Asia (South & Central Asia) / Cultural agreement between UNIFI and Myanmar University	1,200.00	1,326.99	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Myanmar	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
Brazil / America (South America) / Cultural agreement between UNIFI and Universidade Federal Rural de Pernambuco	400.00	442.33	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Brazil	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.



Costa Rica / America (North & Central America) / Cultural agreement between UNIFI (Dip. DISEI) and Universidad Nacional Costa Rica	814.40	900.59	Committed	ODA	Grant	Mitigation	Other (Education post-secondary)	Costa Rica	These agreements promote the exchange of faculty, students, technical and administrative staff in a specific field of study and research, and other types of collaboration.
South of Sahara, regional / Africa (South of Sahara) / Strengthening innovation and technology dissemination for sustainable development	14,509.00	16,044.45	Committed	ODA	Grant	Mitigation	Agriculture	Other (South Sahara)	Strengthening innovation and technology dissemination for sustainable development in cereals, cocoa and coffee value chains (SATTIFS)
Developing countries, unspecified / / Master degree course in "International and cooperation sciences"	227,664.80	251,758.04	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Other (Developing countries)	The course guarantees advanced training for bachelor graduates who intend to further deepen methodological, cultural and professional knowledge and skills on economic, political, institutional and social topics, in the view of promoting policies for sustainable development
Senegal / Africa (South of Sahara) / D4D SENEAL - Uncovering the impact of human mobility on shistosomiasis via mobile phone data	6,585.60	7,282.54	Committed	ODA	Grant	Cross-cutting	Other (Multisector education/training)	Senegal	The project aims to offer a contribution to the development of Senegal in various sectors: health, agriculture, transport, urban planning, energy and national statistics , thanks to the use of new Big Data methodologies and applications.
Mozambique / Africa (South of Sahara) / Ethnological mission in Mozambique, Malawi and Tanzania	860.00	951.01	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Mozambique	MEIMM carries field campaigns employing local research assistants to gather ethnographic and archival documentation and to produce ethnographic films on the issues of slavery , domestic slavery and their legacy. Through cultural cooperation with local research institutions and on the job training on the collection of oral sources.

Jordan / Asia (Middle East Asia) / SESAME - Internat. Centre for Synchrotron Light for Experimental Science and Applications in the Middle East	400,000.00	442,331.08	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Jordan	The Synchrotron-light for Experimental Science and Applications in the Middle East (SESAME) facility is one of the most ambitious research initiatives in the Middle East. The SESAME synchrotron light source will allow researchers from the region to investigate the properties of advanced materials, biological processes and cultural artefacts. Alongside its scientific goals, the project aims to promote peace in the region through scientific co-operation.
Serbia / Europe / Phd Course of "Agriculture, food and environmental sciences"	356.40	394.12	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Serbia	increasing the number of international students attending PhD Courses
Montenegro / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,811.60	6,426.63	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Montenegro	increasing the number of international students attending PhD Courses
Kenya / Africa (South of Sahara) / Phd Course of "Agriculture, food and environmental sciences"	5,811.60	6,426.63	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Kenya	increasing the number of international students attending PhD Courses
Mozambique / Africa (South of Sahara) / Phd Course of "Agriculture, food and environmental sciences"	5,811.79	6,426.84	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Mozambique	increasing the number of international students attending PhD Courses
Serbia / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,811.60	6,426.63	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Serbia	increasing the number of international students attending PhD Courses
Iran / Asia (Middle East Asia) / Phd Course of "Agriculture, food and environmental sciences"	5,811.60	6,426.63	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Iran (Islamic Republic of)	increasing the number of international students attending PhD Courses
Turkey / Europe / Phd Course of "Agriculture, food and environmental sciences"	5,811.60	6,426.63	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Turkey	increasing the number of international students attending PhD Courses
Bangladesh / Asia (South & Central Asia) / senegal- support to the national programme for investments in agriculture - expert fund	4,663.60	5,157.14	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Bangladesh	School fees exemption
Bhutan / Asia (South & Central Asia) / set4food - sustainable energy technologies for food utilization 2	2,556.00	2,826.50	Committed	ODA	Grant	Adaptation	Other (Education post-secondary)	Bhutan	School fees exemption

Developing countries, unspecified / / The programme aimed to develop policies able to face the most crucial global challenges such as climate change, food security and migrations	6,736.00	7,448.86	Committed	ODA	Grant	Adaptation	Not applicable	Other (Developing countries)	Unige participated to the International Year of Global Understanding 2016: the programme aimed to connect the global understanding with the local action and to develop policies able to face the most crucial global challenges such as climate change, food security and migrations
Senegal / Africa (South of Sahara) / struggle against tuberculosis, anemia and malnutrition in guinea bissau	4,986.00	5,513.66	Committed	ODA	Grant	Cross-cutting	Other (Education post-secondary)	Senegal	School fees exemption
South of Sahara, regional / Africa (South of Sahara) / Biosafety - Education and training with courses and seminars participations	10,169,961.00	11,246,224.70	Committed	ODA	Grant	Adaptation	Agriculture	Other (South Sahara)	Biosafety, OGM,environment. Cooperation sud-sud and north-sud. Education and training with courses and seminars participations
Africa, regional / Africa / Training course for strenghtening government capabilities and management of water resources in African countries	40,614.40	44,912.53	Committed	ODA	Grant	Cross-cutting	Water and Sanitation	Africa	Italian contribution to Training course for strenghtening government capabilities and management of water resources in African countries
Developing countries, unspecified / / Voluntary Contribution to the IEF Secretariat	32,020.80	35,409.49	Committed	ODA	Grant	Cross-cutting	Energy	Other (Developing countries)	Voluntary Contribution to the IEF Secretariat
Africa, regional / Africa / Conference and seminars for young scientists. Science and Diplomacy project	290,000.00	320,690.04	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Africa	Seminars and Congress for young researchers and women in science
Africa, regional / Africa / TWAS Price; postgraduate training; advanced research; general annual conference	580,000.00	641,380.07	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Africa	Seminars, Congress, Grants, Fellowships, Price to young researchers and women in science
Developing countries, unspecified / / Conference of Energy Ministers of Mediterranean Union Countries	661.60	731.62	Committed	ODA	Grant	Mitigation	Energy	Other (Developing countries)	Conference of Energy Ministers of Mediterranean Union Countries
Africa, regional / Africa / "Business and Science: Leading way to sustainable energy"	25,347.60	28,030.08	Committed	ODA	Grant	Mitigation	Energy	Africa	Italian Contribution to Second Stakeholder Forum of Africa Europe Energy Partnership "Business and Science: leading way to sustainable energy"

Middle East, regional / Asia (Middle East Asia) / Support to Kurdish Municipalities in Northeastern Syria and in Iraqi Kurdistan	180,000.00	199,048.99	Committed	ODA	Grant	Cross-cutting	Other (Government and civil society general)	Middle East and North Africa	The project aims at improving the governance of local Kurdish administrative bodies in Syria, through training activities.
Iraq / Asia (Middle East Asia) / Workshops on Archeological methodology	18,000.00	19,904.90	Committed	ODA	Grant	Cross-cutting	Other (Site preservation)	Iraq	The project provided workshops and seminars in order to enable young iraqi students and art experts to learn and improve their knowledge on archeological rehabilitation methodologies (such as cataloguing, recording and publishing), and on preservation methods of the national cultural heritage.
Developing countries, unspecified / / Contribution to ICCROM	66,824.00	73,895.83	Committed	ODA	Grant	Cross-cutting	Other (Research/scientific institutions)	Other (Developing countries)	contribution to the international organisation
Kosovo / Europe / Support to professional training in Leskoc Shelter Home	4,000.00	4,423.31	Committed	ODA	Grant	Cross-cutting	Other (Population policies)	Other (Kosovo)	Agriculture and carpentry work-based training for young people in Leskoc Shelter Home.
Developing countries, unspecified / / Missions to participate to international meetings about energy (AIE, IRENA)	25,654.00	28,368.90	Committed	ODA	Grant	Adaptation	Not applicable	Other (Developing countries)	Missions to participate to international meetings about energy (AIE, IRENA)
Analytical and Administrative Support for development cooperation activities, joint committees and MoUs	17,780,673.60	19,662,361.61	Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Other (Developing countries)	

**CTF Table 8 Provision of Technology Development and Transfer Support**

Recipient country and/or region	Targeted area	Measures and activities related to technology transfer	Sector	Source of the funding for technology transfer	Activities undertaken by	Status	Additional information
Antigua and Barbuda, Bahamas, Belize, Barbados, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Saint Lucia, Suriname, Trinidad and Tobago	Mitigation and adaptation	Cooperation on Climate Change Vulnerability, Adaptation and Mitigation	Energy	Public	Public	Planned	Development of climate change adaptation measures, increasing and promotion of renewable energy, transfer of technology and know-how. The implementation phase of the projects foresees the involvement of endogenous people in the installation and operation start-up of the plants. Following this phase, tailored training programmes are organized for ensuring proper control, function and routine maintenance
Africa	Mitigation	Promotion of renewable and sustainable energies in African Countries	Energy	Public	Public	Planned	Memorandum of Understanding has been signed in 2015 and 2016 in order to strengthen and coordinate the efforts to combat global climate change, to support mechanisms to reduce climate change vulnerability and enhance risk assessment, to promote secure, clean and efficient energy, to stimulate the transition towards a sustainable low-carbon economy and to implement adaptation actions and opportunities to protect the environment and natural resources. The cooperation activities planned under the MoU include the realization of joint projects, programs for capacity building, technology transfer and technical assistance, the exchange of experts and trainers, organization of workshops, seminars and other meetings and the promotion of private sector participation and activities to

							implement Public Private Partnerships.
Lebanon	Mitigation	Integrated system for the management of the Jouz river resources aimed at installation of hydro power plant	Energy	Public	Public	Planned	Contributing to the capacity development of the Lebanese governmental strategy for the mitigation of climate change
Bolivia	Mitigation	Small hydroelectric plants for the adaptation to climate change including soft (training) and hard (plant) technologies	Energy	Public	Public	Planned	The project aims at improving the quality of life and the access to electricity from renewable energy sources of the inhabitants of the Bolivian rural population
Algeria	Mitigation and adaptation	Managers training, maintenance and upgrading of sun and wind powered plants for healthcare, education and humanitarian services to Sahrawi refugees	Energy	Public	Public	Planned	Tailored training programmes are organized for ensuring proper control, function and routine maintenance

Peru	Mitigation	Installation of 15 wind blades in the district Pomabamba, Peru	Energy	Public	Public	Planned	
Senegal	Mitigation and adaptation	Installation of a photovoltaic power station at the Limamoulaye secondary high school	Energy	Public	Public	Planned	The aim of the project is to install a photovoltaic power station in order to ensure the energetic self-sufficiency of the institute and particularly the computer labs functioning.
Burundi	Mitigation and adaptation	Solar energy for rural development and nutrition in Burundi	Energy	Public	Public	Planned	The project foresees training for the construction of photovoltaic modules.
Democratic Republic of the Congo	Mitigation and adaptation	Completion of a micro-power plant in M'bau	Energy	Public	Public	Planned	
Peru	Mitigation and adaptation	The ongoing project aims to upgrade the existing early warning system through the meteorological and hydrometric stations that will be powered by a solar panel	Energy	Public	Public	Planned	The purpose of the MoU is to combat global climate change and address its effects, to promote clean and efficient energy through joint projects, capacity building, technology transfer and technical assistance.

		system. In addition it will be evaluated the possibility of designing and installing of a hydrological, meteorological and weather radar monitoring networks.					
SIDS	Mitigation and adaptation	The transfer of technologies aim to improve resilient water infrastructures and rural electricity using photovoltaic systems	Environmental policy and administrative management	Public	Public	Planned	The Memorandum of Understanding aims to tackle climate change and address its effects
Lebanon	Mitigation	Support to the National energy efficiency and renewable energy action (NEEREA) in order to promote projects in the field of renewable energies and energy saving	Energy	Public	Public	Planned	Agreement signed in 2016 between the Ministry of the Environment and the Protection of the Territory and Sea and the Bank of Lebanon in order to create a financial mechanism to facilitate, through the Lebanese trading banking system, an eased financing line for projects in the field of renewable energies and energy saving, with the aim of increasing the involvement of the private sector
Ethiopia	Mitigation and adaptation	The transfer of soft and hard technologies aims to	Reconstruction relief and rehabilitation	Public	Public	Planned	The programme is directed to mitigate through water supply and agricultural recovery the drought in selected



		mitigate drought in Ethiopia	on				Ethiopian regions
Jordan	Mitigation	The project foresees the transfer of photovoltaic technologies for energy generation	Health General	Public	Public	Planned	Rehabilitation of the hospital of Karak - Realization of the New First Aid Department and installation of a photovoltaic system. The project has been funded by the Italian Episcopal Conference.
Belize	Mitigation and adaptation	The purpose of the programme is to develop projects on renewable energies sources and adaptation on climate change through multiple technologies	Energy	Public	Public	Implemented	Co-operation for the Development of Renewable Energy Sources and Mitigation and Adaptation to Climate Change in the Caribbean Region through projects implemented by the International Energy Agency
Egypt	Mitigation	The aim of the project is promoting strategy and paving the way for the deployment of distributed renewable energy technologies in Egypt	Energy	Public	Public	Implemented	Contribution to the project to put in place financial mechanisms to support renewable energy and energy-efficiency systems, to ensure the sustainability of the market by strengthening the capacity of local stakeholders. The implementing agency is the United Nations Environment Programme (UNEP).
Iran	Mitigation and adaptation	The purpose of the project is to support Iran in improving the	Industry	Public	Public	Implemented	Support to Iran's SMEs upgrading through Investment Promotion and Technology Transfer. The implementing agency is the United Nations Industrial

		competitiveness of small and medium enterprises through the promotion of investment and technology transfer in the energy and environmental sectors.					Development Organization (UNIDO).
Democratic Republic of the Congo	Mitigation	The aim of the project is the installation of a photovoltaic system, an electro-generator and an automatic management system for Higher Institute Emmanuel d'Alzon of Butembo.	Energy	Public	Public	Planned	The project, promoted by the Italian Episcopal Conference (CEI), also increase the resources of the Institute with satellite system, internet points and a laboratory for the control of pests of plants. The project has been funded by the Italian Episcopal Conference.
Afghanistan / Asia (South & Central Asia)	Adaptation	Purchase of a drinking water purifier and provision of a water collection tank. The project aims also to the rehabilitation of east-west corridor from Herat to Chishti Sharif	Water and sanitation, Transport	Public	Public	Implemented	Contribution to the United Nations Office for Project Service (UNOPS)

Recipient country and/or region	Targeted area	Measures and activities related to technology transfer	Sector	Source of the funding for technology transfer	Activities undertaken by	Status	Additional information
Antigua and Barbuda, Bahamas, Belize, Barbados, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Saint Lucia, Suriname, Trinidad and Tobago	Mitigation and adaptation	Cooperation on Climate Change Vulnerability, Adaptation and Mitigation	Energy	Public	Public	Planned	Development of climate change adaptation measures, increasing and promotion of renewable energy, transfer of technology and know-how. The implementation phase of the projects foresees the involvement of endogenous people in the installation and operation start-up of the plants. Following this phase, tailored training programmes are organized for ensuring proper control, function and routine maintenance
Africa	Mitigation	Promotion of renewable and sustainable energies in African Countries	Energy	Public	Public	Planned	Memorandum of Understanding has been signed in 2015 and 2016 in order to strengthen and coordinate the efforts to combat global climate change, to support mechanisms to reduce climate change vulnerability and enhance risk assessment, to promote secure, clean and efficient energy, to stimulate the transition towards a sustainable low-carbon economy and to implement adaptation actions and opportunities to protect the environment and natural resources. The cooperation activities planned under the MoU include the realization of joint projects, programs for capacity building, technology transfer and technical assistance, the exchange of experts and trainers, organization of workshops, seminars and other meetings and the promotion of private sector participation and activities to implement Public Private Partnerships.

Lebanon	Mitigation	Integrated system for the management of the Jouz river resources aimed at installation of hydro power plant	Energy	Public	Public	Planned	Contributing to the capacity development of the Lebanese governmental strategy for the mitigation of climate change
Bolivia	Mitigation	Small hydroelectric plants for the adaptation to climate change including soft (training) and hard (plant) technologies	Energy	Public	Public	Planned	The project aims at improving the quality of life and the access to electricity from renewable energy sources of the inhabitants of the Bolivian rural population
Algeria	Mitigation and adaptation	Managers training, maintenance and upgrading of sun and wind powered plants for healthcare, education and humanitarian services to Sahrawi refugees	Energy	Public	Public	Planned	Tailored training programmes are organized for ensuring proper control, function and routine maintenance
Peru	Mitigation	Installation of 15 wind blades in the district Pomabamba, Peru	Energy	Public	Public	Planned	
Senegal	Mitigation and adaptation	Installation of a photovoltaic power station	Energy	Public	Public	Planned	The aim of the project is to install a photovoltaic power station in order to ensure the energetic self-sufficiency of

		at the Limamoulaye secondary high school					the institute and particularly the computer labs functioning.
Burundi	Mitigation and adaptation	Solar energy for rural development and nutrition in Burundi	Energy	Public	Public	Planned	The project foresses training for the construction of photovoltaic modules.
Democratic Republic of the Congo	Mitigation and adaptation	Completion of a micro-power plant in M'bau	Energy	Public	Public	Planned	
Peru	Mitigation and adaptation	The ongoing project aims to upgrade the existing early warning system through the meteorological and hydrometric stations that will be powered by a solar panel system. In addition it will be evaluated the possibility of designing and installing of a hydrological, meteorological and weather radar monitoring networks.	Energy	Public	Public	Planned	The purpose of the MoU is to combat global climate change and address its effects, to promote clean and efficient energy through joint projects, capacity building, technology transfer and technical assistance.

SIDS	Mitigation and adaptation	The transfer of technologies aim to improve resilient water infrastructures and rural electricity using photovoltaic systems	Environmental policy and administrative management	Public	Public	Planned	The Memorandum of Understanding aims to tackle climate change and address its effects
Lebanon	Mitigation	Support to the National energy efficiency and renewable energy action (NEEREA) in order to promote projects in the field of renewable energies and energy saving	Energy	Public	Public	Planned	Agreement signed in 2016 between the Ministry of the Environment and the Protection of the Territory and Sea and the Bank of Lebanon in order to create a financial mechanism to facilitate, through the Lebanese trading banking system, an eased financing line for projects in the field of renewable energies and energy saving, with the aim of increasing the involvement of the private sector
Ethiopia	Mitigation and adaptation	The transfer of soft and hard technologies aims to mitigate drought in Ethiopia	Reconstruction relief and rehabilitation	Public	Public	Planned	The programme is directed to mitigate through water supply and agricultural recovery the drought in selected Ethiopian regions

<sup>a</sup> To be reported to the extent possible.

<sup>b</sup> The tables should include measures and activities since the last national communication or biennial report.

<sup>c</sup> Parties may report sectoral disaggregation, as appropriate.

<sup>d</sup> Additional information may include, for example, funding for technology development and transfer provided, a short description of the measure or activity and co-financing arrangements.

## 7. Capacity-building support to developing country Parties<sup>48</sup>

The **Italian development cooperation** has been re-launched by **Law 125/2014**<sup>49</sup> entered into force in August 2014, marking a fundamental turning point from the drastic reduction in resources for development cooperation over the years of the financial crisis. This Law provides for a gradual increase in resources for development cooperation over a three-year period: 120 million Euros in 2016 (about 40% more), 240 million Euros in 2017 and 360 million Euros in 2018 (as stated in the Three-Year Programming Document 2016-2018 of the **Italian Ministry of Foreign Affairs and International Cooperation – MAECI**)<sup>50</sup>.

This defines a new "*political vision*" considering the development cooperation as a true "*strategic investment*", which promotes the programming of resources over a three-year period and is reinforced by the starting of activities, in 2016, of the Italian Agency for Development Cooperation (AICS) and of Cassa Depositi e Prestiti (CDP) in its new role of Financial Institution for Development Cooperation, the new governance structure of the Italian Cooperation.

Law 125/2014 provides for new methods and actors to increase development cooperation activities towards selected countries on the basis of interventions divided into three macro areas, such as poverty reduction, economic development, and **management of climate change**.

Starting from the Paris Agreement, the **Italian Ministry for the Environment, Land and Sea (IMELS)** has signed more than 30 Memorandum of Understanding (MoUs) on **Climate Change**, aimed at carrying out actions for mitigation and adaptation in emerging and developing countries where CO<sub>2</sub> emissions have reached high levels and require targeted interventions.

The common objectives of the above mentioned cooperation agreements are: to strengthen and coordinate efforts to combat global climate change, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy ensuring energy security, to stimulate and disseminate the transition towards a sustainable low-carbon economy through technology development and transfer, to implement adaptation actions and opportunities to protect the environment and natural resources.

Among the instruments of intervention a major role is played by technology transfers, with the involvement of the private actors, in several sectors such as energy, transport, industrial or urban management. It could be useful, as complementary measure, to start an energy conversion plan from fossil fuels to renewable and sustainable ones, as well as promoting the definition of sustainable finance in those markets that already have a good degree of development in the financial sector.

As contribution to the development of renewable energies and the best financial mechanisms available for action to combat climate change and reduce greenhouse gas emissions, IMELS participates in the "UNEP Inquiry into the Design of a Sustainable Financial System" in order to identify concrete ways to mobilize private climate capital.

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<sup>48</sup> Authors: Stefania Fusani, Sandra Moscone

<sup>49</sup> Legge 11 agosto 2014, n. 125 Disciplina generale sulla cooperazione internazionale per lo sviluppo <http://www.gazzettaufficiale.it/eli/id/2014/08/28/14G00130/sq>

<sup>50</sup> Cooperazione Internazionale per lo Sviluppo - Documento Triennale di Programmazione e di Indirizzo 2016-2018 (MAECI) [http://www.esteri.it/mae/resource/doc/2017/03/doc\\_triennale\\_2016-2018\\_-\\_finale\\_approvato.pdf](http://www.esteri.it/mae/resource/doc/2017/03/doc_triennale_2016-2018_-_finale_approvato.pdf)

With regard to environmental intervention lines, including the energy for development, **IMELS**, acts jointly with **MAECI** focusing its environmental support action towards the most exposed countries to the effects of global warming: the small developing islands and developing countries, especially in those low-income countries with less resilience capacity and less ability to fight climate change effects. The Main intervention sectors are:

- management of extreme events;
- promotion of renewable energy and energy efficiency;
- management of water resources;
- waste management;
- promotion of air quality;
- contrast to forest degradation;
- requalification of soil and land;
- sustainable mobility.

IMELS carries out a very diversified international cooperation activity, both bilaterally and multilaterally as described below:

In **Asia**, in the framework of the long-standing cooperation between IMELS and the numerous Chinese institutions, it is taking shape a new knowledge approach on the base of the previous experience and in the light of the new political and economic role of China within the international community. The signing of a **Joint Declaration on the re-launch of the Sustainable Development and Environmental Partnership** with the Chinese Ministry of Environmental Protection is the result of a strengthened cooperation on a new basis, with the contribution of private investments and a greater involvement of companies, in particular in the development and exchange of experiences and best practices in the field of innovative and low-carbon technologies.

Italian cooperation activities are continuing in the framework of existing Memorandum of Understanding (MoU), such as the Sino-Italian Cooperation Program for Environmental Protection (SICP) signed in the year 2000 between the Italian Ministry for the Environment, Land and Sea (IMELS) and the Chinese Ministry for Environmental Protection (MEP). In over 17 years the cooperation agreement implemented over 200 projects in support of China's Sustainable Development, thus becoming a model for bilateral cooperation. Joint initiatives are implemented in the field of mitigation and adaptation to climate change, transfer and promotion of low-carbon technologies, studies and researches as scientific support to decision-making.

With reference to training, as described below, between 2013 and 2016 a wide training program was strictly dedicated to climate change activities, being identified in accordance with the objectives and programs established by the United Nations Convention on Climate Change.

The "Advanced training program on environmental management and sustainable development" was carried out since 2003. IMELS has been promoting an Advanced Training Program on different aspects of environmental management and sustainable development, targeted at technicians, academics, young professionals and decision-makers in Chinese administrations, universities and enterprises; an important objective of the training program was the capacity building about potential actions on climate change mitigation and adaptation .. Under the agreement on Beijing Clean Air Action Cooperation between IMELS and the People's Government of Beijing Municipality, signed in 2013, an important capacity building



project was developed: the "Capacity Building for Management and Control of Air Pollution Sources". The objective of this project was to continue to strengthen the capabilities of Beijing EPB in the management and control of air pollution sources by sharing experience about emissions assessment and authorization procedures, pilot research activity on emission sources, calculation of emissions and pilot case assessment; regulatory and authorization procedures for polluting industries on the basis of European experience.

In the **Middle East**, IMELS opened new channels of cooperation with **Iran, Qatar and Palestine** on renewable energy, biomass, water purification and transfer of environmental technologies. The Ministry of Environment is providing technical assistance and boosting opportunities for entry into the Middle Eastern market of Italian companies operating in the "green economy" sectors.

In **Africa**, IMELS has a ten-year cooperation program with **Egypt, Tunisia** and Morocco focused on promotion of renewable energies, dissemination of financial mechanisms for the use of solar heating and support to multi-level governance for more efficient use of water resources. In 2015, IMELS signed new cooperation agreements with Botswana, Ghana and Egypt. Agreements are also being negotiated with Ethiopia, Lesotho, South Africa, Sudan, Somalia, Swaziland and Morocco. Cooperation activities will continue to prioritize the management and treatment of water and the promotion of energy efficiency and renewable energy.

In **Latin America**, IMELS has already launched bilateral agreements with Argentina, Costa Rica and Peru in 2016. Activities are focused on: monitoring of atmospheric pollution, integrated management of urban waste, data collection on ocean water quality (Argentina), forest management and energy production from renewable sources (Costa Rica), mitigation and adaptation to climate change, forest management, marine and coastal zone management and urban waste management (Perù).

**Developing Small Islands** are a group of Countries affected by a particular vulnerability to climate change causing a challenge for development, with strong implications for poverty, conflict and social cohesion. In this area enhanced action and international cooperation on adaptation is urgently required to enable and support the implementation of adaptation actions aimed at reducing vulnerability and building resilience. IMELS has always supported the Small Pacific Islands (**Cook Islands, Fiji, Kiribati, Micronesia, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Tonga, Tuvalu, and Vanuatu**), through specific projects on climate change adaptation, protection against the vulnerability and variability of the climate, mitigation of harmful emissions, diffusion of renewable energy, especially in rural areas, and for the protection of the oceans and their ecosystems.

**Caribbean Community:** IMELS is also launching a wide cooperation program with the 14 **CARICOM** countries (**Antigua and Bermuda, Bahamas, Belize, Barbados, Cuba, Dominica, Grenada, Guyana, Haiti, Jamaica, Santo Domingo, St. Kitts and Nevis, St. Vincent and the Grenadines, St. Lucia, Suriname, Trinidad and Tobago**) to implement projects on weather alert systems and on the promotion and use of renewable energy. The innovative aspect of the program is the involvement of the Caribbean Center on Climate Change (5C) in Belize. Recently IMELS cooperation expanded to the Small Islands of the Indian Ocean - **Maldives** and the Union of the **Comoros** with the implementation of projects on data management for better governance of meteorological risk, water desalination and promotion of renewable energy.

Finally, **Multilateral International cooperation** of Italian Ministry for the Environment, Land and Sea with the African continent has been strengthened through participation in funds and programs promoting renewable energy and energy efficiency and resilience to climate change, for example through the International Finance Corporation of World Bank (Clean Energy Access Program Trust Fund and MENA - Middle East and North Africa - Inclusive Green Growth Initiative) and the African Development Bank (Africa Climate Change Fund and Sustainable Energy Fund for Africa). For the implementation of the UNFCCC, IMELS contributes to the Green Climate Fund and the Adaptation Fund and, through the Global Environment Facility (GEF), supports the Least Developed Countries Fund (LDCF) and the Special Climate Change Fund (SCCF). Through the World Bank, it supports the Communication for Climate Change Multidonor Trust Fund (CCC) and UNEP, the program Inquiry into the design of a sustainable financial system. For the implementation of the Montreal Protocol, IMELS participates in the Multilateral Ozone Fund, the financial mechanism for the protection of the ozone layer while UNEP supports the Climate and Clean Air Coalition Initiative (CCAC), which promotes the exchange of information and best practices to implement measures to reduce emissions of methane, hydrofluorocarbons and black carbon. Table 9 of the CTF provides details of the above mentioned capacity building intervention activities implemented by Italy which are grouped by geographical areas.

CTF Table 9 Provision of capacity-building support

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>ASIA/MIDDLE EAST</b>				
<b>Sino-Italian Cooperation Program for Environmental Protection (SICP) (2011-ongoing)</b> between Italian Ministry for the Environment, Land and Sea and People's Republic of China	China	Technology development & transfer  Multiple areas	<p>The Cooperation Program between China and Italy, especially dedicated to Climate Change, has been launched on March 2011 with the aims to start a joint program of activities addressing mitigation and adaptation to climate change, transfer and promotion of low-carbon technologies, studies and researches as scientific support to decision-making. The cooperation program includes activities for training and capacity building Program on Climate Change and Sustainable Development.</p> <p>The training aims at providing Chinese participants with theoretical instruments and practical cases on Italian and European experiences in the field of environmental protection and climate change.</p> <p>The Chinese Institutions involved are: Ministry of Science and Technology (MoST), Chinese Academy of Social Sciences (CASS), Ministry for Environmental Protection (MEP), Beijing Metropolitan Environmental Protection Bureau (BMEPB), Shanghai Environmental Protection Bureau (SEPB), Tianjin Science &amp; Technology Commission (TSTC) e la National Development and Reform commission (NDRC), and from 2013 the Ministry for Industry and Information Technology (MIIT).</p> <p>Specific courses have been organized in the field of climate change and sustainable development related issues, such as:</p> <ul style="list-style-type: none"> <li>"capacity building on climate change"</li> <li>"climate change: policy, conventions and statistical systems"</li> <li>"Environmental management and sustainable development"</li> <li>"Eco-cities"</li> <li>"Industrial Energy Efficiency"</li> <li>"Sustainable Development: Innovation of Science, Technology and Management for Ecological Environment"</li> <li>"air and water pollution prevention and control"</li> <li>"Eco –management Strategies and Policies"</li> <li>"High-Technology and Science Parks for Sustainable Development"</li> <li>"Innovation of Enterprises Green Technologies".</li> </ul> <p>The capacity building activities are on-going (at 2017).</p>	<a href="http://www.minambiente.it/pagina/cina">http://www.minambiente.it/pagina/cina</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
Technical Assistance on Capacity Building for the Management and Control of Air Pollution Sources (Emission Inventory Project Phase II) 2016-2017	China	Mitigation	The objective of this project was to continue to strengthen the capabilities of Beijing EPB (Environmental Protection Bureau) in the management and control of air pollution sources by sharing experience in emissions assessment and authorization procedures, pilot research activity on emission sources, calculation of emissions and pilot case assessment; regulatory and authorization procedures for polluting industries on the basis of European experience.	<a href="http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/cooperazione_italia_cina_protezione_ambiente_2016_17.pdf">http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/cooperazione_italia_cina_protezione_ambiente_2016_17.pdf</a>
Advanced training program on environmental management and sustainable development, between IMELS and MOST, MEP, Beijing EPB, Shanghai EPB, NDRC and MIIT, from 2003 ongoing	China	Technology development & transfer	<p>Since 2003, IMELS promotes an <b>Advanced Training Program on Environmental Management and Sustainable Development</b> aimed at technicians, academics, young professionals and decision-makers from Chinese administrations, universities and companies.</p> <p>The Training Program is being implemented in cooperation with the Ministry of Science and Technology (MOST), Ministry of Environmental Protection (MEP), Beijing EPB, Shanghai EPB, National Commission for Development and Reforms (NDRC) and Ministry of Industry and Information Technology (MIIT).</p> <p>Between 2013 and 2016, over 2,000 participants from all the provinces of China took part in the training program, with a total of 45 courses (in Italy and China).</p> <p>In the framework of this Advanced training program a "Capacity Building on Climate Change" training course was carried out in September 2016 for a duration of 14 day with 21 participants in collaboration with the National Commission for Development and Reforms (NDRC).</p>	<a href="http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/cooperazione_italia_cina_protezione_ambiente_2016_17.pdf">http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/cooperazione_italia_cina_protezione_ambiente_2016_17.pdf</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Memorandum of understanding between IMELS and the Ministry of Environment and Natural Resources Protection of Georgia</b>  <b>Signed on 15 November 2017 in Bonn</b>	Georgia	Adaptation	<p>This MoU aims to strengthen and coordinate the efforts, to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate and disseminate the economic and technological transformation to low emissions, to ensure energy security, to implement adaptation actions and opportunities to protect the environment and natural resources in Georgia.</p> <p>Cooperation priority areas are: promotion of energy efficiency and development of the use of renewable energy; capacity building for climate change adaptation at national and local levels; development of public education and awareness campaigns on mitigation and adaptation to climate change.</p>	<a href="http://www.minambiente.it/pagina/georgia">http://www.minambiente.it/pagina/georgia</a>
<b>Environmental Cooperation MoU between the Department of Environment of the Islamic Republic of Iran and IMELS</b>  <b>Signed in Tehran on 25th November 2014</b>	Iran	Technology development & transfer  Renewable energies and atmospheric pollution	<p>According to the MoU between the two Countries , the Parties will focus initially on the implementation of a Biennial Plan of Action (PoA) through Capacity building and activities aimed at facilitating technology transfer and other support for the identification and implementation of NAMAs based on the objectives and principles of the Climate Change Convention and the Kyoto Protocol. Five priorities areas have been identified:</p> <ul style="list-style-type: none"> <li>• management of water resources</li> <li>• waste management</li> <li>• promotion of renewable energy</li> <li>• smart cities</li> <li>• atmospheric pollution reduction</li> </ul> <p>Within this MoU a Technical Workshop "Environmental Protection and Climate Change" was organized in Teheran, on 24 - 26 October 2016</p>	<a href="http://www.minambiente.it/pagina/iran">http://www.minambiente.it/pagina/iran</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>MoU between IMELS and The Ministry of Energy of the Republic of Kazakhstan</b>  <b>Signed in Astana, on the 4th of September 2017</b>	<b>Kazakhstan</b>	Adaptation and mitigation	<p>The purpose of this Memorandum of Understanding (MoU), within the competencies of the Signatories, is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects, to support mechanisms to reduce climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate transition towards a sustainable low- carbon economy, to implement adaptation actions and opportunities to protect the environment and natural resources in the Republic of Kazakhstan.</p>	<a href="http://www.minambiente.it/pagina/kazakista">http://www.minambiente.it/pagina/kazakista</a> <a href="#">n</a>
<b>Technical Agreement on Sustainable development Cooperation between IMELS And the Lebanese Centre for Energy Conservation (LCEC)</b>	<b>Lebanon</b>	Technology development & transfer and capacity building  renewable energy and energy efficiency measures	<p>This agreement is aimed at the promotion of innovation in energy technologies, especially for the residential and tertiary sector, essential to cost- effectively address the global climate change challenges agreed at COP 21. It aims at reinforcing bilateral cooperation between the Parties in the field of climate change and sustainable development through Capacity building activities, technical assistance and technology transfer aimed at introducing new renewable energy technologies and awareness raising activities. The Transfer of scientific and technical knowledge and experience is also considered as well as the Exchange of experts, scientists and researchers.</p> <p>In the implementation of the Projects and Activities consideration will be given to the participation of the public , private and no-profit sectors and where appropriate , Universities, scientific and technical research bodies and Non -governmental Organizations. Activities are focused on the following priority sectors: Mitigation measures and policy support ; Mitigation measures and technology transfer ; Mitigation measures and Innovative financial market schemes;</p>	<a href="http://www.minambiente.it/pagina/libano">http://www.minambiente.it/pagina/libano</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Lebanese Center for Energy Conservation (LCEC), IMELS, Lebanese Ministry of Energy and Water, Central Bank of Lebanon, Lebanese Standards Institution (LIBNOR), Heat Pump project Phase 1</b> <b>December 2016 - June 2018</b>	<b>Lebanon</b>	Technology development & transfer  mitigation	<p>This project provides support to the Lebanese government in addressing the climate change mitigation challenges presented in the INDC under the UNFCCC by introducing “heat pump” technologies in the heating, domestic hot water production and cooling sectors (for residential and tertiary applications mainly) through know-how and technology transfer, in line with the European legislation and Montreal Protocol for the phasing out of the high global warming potential refrigerant gases (fluorinated greenhouse gases- including hydrofluorocarbons -HFCs). This support will include capacity building and technology transfer activities. Public and Private actors have been involved in the development of the project.</p>	<a href="http://www.minambiente.it/pagina/libano">http://www.minambiente.it/pagina/libano</a>
<b>Memorandum of understanding between the ministry for the environment, land and sea of the Italian republic and the ministry of environment of the state of Qatar</b> <b>Signed on 28th January 2016</b>	<b>Qatar</b>	Technology development & transfer and technical assistance   Adaptation and Mitigation	<p>The main objective of this cooperation is the Promotion of clean and efficient energy and to stimulate and disseminate the economic and technological transformation to low emission, ensuring energy sustainability and creating adaptation actions and opportunities to protect the environment and natural resources through the following actions:</p> <ul style="list-style-type: none"> <li>• Capacity building for monitoring, reporting on climate issues, such as mitigation and adaptation;</li> <li>• Stimulation and dissemination of the economic diversification and technological transformation towards low GHG development in ensuring energy sustainability and creating adaptation actions and opportunities;</li> <li>• Development of public awareness campaigns</li> <li>• Exchange of experts, delegations visits and trainees on mitigation and adaptation to climate change;</li> </ul> <p>This project aims also at the promotion of the Program REDD+ (Reducing Emissions from Deforestation and Forest Degradation)</p>	<a href="http://www.minambiente.it/pagina/qatar">http://www.minambiente.it/pagina/qatar</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>AFRICA/MED REGION</b>				
<b>Clima South: support to climate change mitigation and adaptation in the ENPI South region (2013-2017)</b>	<b>Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Occupied Palestinian Territory, Tunisia</b>	Mitigation  Adaptation	<p>The project seeks to enhance regional cooperation between the EU and its southern Mediterranean neighbours and among the partner countries themselves (South–South) on climate change mitigation and adaptation, mainly through capacity development and information sharing. The overarching goal is to support the transition of ENP South countries towards low carbon development and climate resilience. Main activities include among others:</p> <ul style="list-style-type: none"> <li>• Organisation of regional trainings and meetings on mitigation (e.g. monitoring, reporting and verification including the establishment of national greenhouse gas inventories) and about adaptation (data management, vulnerability assessments, national adaptation strategies and plans);</li> <li>• Organisation of workshops, trainings and study visits involving the main stakeholders in climate change policy development and implementation.</li> </ul> <p>The project is implemented by Agriconsulting SpA, an Italian Private Consulting Company, as leader of a Consortium of 7 Institutions , five Italian, one Belgian and one Spanish, among which the <b>CMCC (Euro-Mediterranean Center on Climate Change Foundation)</b> and the Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) of Bari.</p> <p>The following training sessions were held in Italy:</p> <p><b>Workshop on “Fire Spread and Behaviour Modelling in a context of Climate Change” (Sassari, Italy, 26- 29 July 2016):</b> The workshop supported the implementation of a national activity in Algeria through lectures, computer exercises, and training to prepare participants for the analysis of fire exposure and vulnerability for the study area of Tlemcen, NW Algeria, in consideration of historic conditions and future climate change scenarios.</p> <p><b>Training workshop on Climate Downscaling for ONM of Algeria (Lecce, 14-16 March 2016):</b> training workshop for specialized staff of Algeria’s Office Nationale de la Météorologie (ONM) on the topic of climate downscaling to assist in the preparation of forest fires vulnerability indices. The course was held in the CMCC premises in Lecce,</p>	<a href="http://www.climasouth.eu/">http://www.climasouth.eu/</a>



Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
			<b>Regional Workshop on Methods and Tools for Vulnerability Assessment (Milan, 3-5 Feb. 2016):</b> This workshop covers a wide spectrum of vulnerability assessment methods using quantitative models and participatory (stakeholder based) approaches. To illustrate the methods, the workshop focuses on vulnerability assessment for coastal zones and agricultural sector.	
<b>ACLIMAS Adaptation to Climate Change of the Mediterranean Agricultural Systems (2012-2016)</b>	<b>Mediterranean Region</b>  Morocco, Tunisia, Jordan, Egypt; Lebanon, Syria, Algeria	Technology development & transfer  Adaptation	<p>ACLIMAS is a demonstration project funded within the Sustainable Water Integrated Management (SWIM) programme of the European Commission (EC). The project addresses the priority - Water and Climate Change - by promoting in 6 Mediterranean countries/target areas the demonstration / implementation / dissemination of the research results of previous EC-funded initiatives.</p> <p>The overall objective is to bring a durable improvement of the agricultural water management and a broader socio-economic development of target areas in the context of adaptation to climate change, increasing water scarcity, and desertification risks. ACLIMAS pursues an holistic multidisciplinary border-crossing approach that integrates a set of locally-tailored technical adaptation measures with socio-economic and environmental aspects of water management in Mediterranean agriculture. The project is coordinated by the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Mediterranean Agronomic Institute of Bari (IAMB). ACLIMAS has started in January 2012 and lasts 4 years.</p>	<a href="http://www.aclimas.eu/">http://www.aclimas.eu/</a>
<b>MoU on co-operation in the field of climate change vulnerability, risk assessment, adaptation and mitigation between IMELS and the Ministry of Environment, wildlife and</b>	<b>Botswana</b>	Technology development & transfer  adaptation and mitigation	<p>The purpose of the Memorandum of Understanding is the strengthening of the efforts to combat climate change and address its adverse effect in the Republic of Botswana. Among the areas of co-operation:</p> <ul style="list-style-type: none"> <li>• Enhancement of capacities for the implementation of Mechanisms under the UNFCCC and its related instruments;</li> <li>• Simulation and dissemination of the economic and technological transformation towards low emission development in ensuring energy security and creating adaptation actions and opportunities</li> <li>• Development of public education and awareness campaigns on mitigation and adaptation to global climate change.</li> </ul> <p>The cooperation is carried out through the following means:</p> <ul style="list-style-type: none"> <li>• implementation of joint projects;</li> </ul>	<a href="http://www.minambiente.it/pagina/botswana">http://www.minambiente.it/pagina/botswana</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>tourism of the Republic of Botswana,</b> signed in Paris on 11 December 2015.			<ul style="list-style-type: none"> <li>capacity building, technology transfer and technical assistance</li> </ul>	
<b>MoU on Cooperation in the field of Climate Change vulnerability, risk assessment, adaptation and mitigation between IMELS and the Ministry of Environment, Nature Conservation and sustainable Development of the Democratic Republic of the Congo,</b> signed in Marrakech on 17 November 2016	<b>Congo</b>	Technology development & transfer  adaptation and mitigation	<p>The Memorandum of Understanding is aimed at strengthening and coordinating the efforts to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate and disseminate the economic and technological transformation to low emission Development in ensuring energy security and creating adaptation actions and opportunities to protect the environment and natural resources.</p> <p>The Areas of cooperation are:</p> <ul style="list-style-type: none"> <li>Forestry sector;</li> <li>Agricultural sector</li> <li>Energy efficiency</li> </ul> <p>Cooperation activities will include, among others, realization of joint projects, capacity building, technology transfer and technical assistance.</p> <p>In May 2017 the first two projects were approved by the Joint Committee :</p> <ul style="list-style-type: none"> <li>Decentralized networks of off-grid systems based on Renewable Energy Sources and energy efficiency measures</li> <li>Bukavu Green Community as pioneers of an integral and sustainable development in Democratic Republic of Congo</li> </ul>	<a href="http://www.minambiente.it/pagina/repubblic-a-democratica-del-congo">http://www.minambiente.it/pagina/repubblic-a-democratica-del-congo</a>
<b>MoU on Cooperation in the Field of Climate Chance Vulnerability, Risk Assessment,</b>	<b>Djibouti</b>	Technology development & transfer  adaptation and	<p>The activities and projects selected in the work plan correspond to the general objectives of the MoU that are:</p> <ul style="list-style-type: none"> <li>to strengthen and coordinate efforts to combat global climate change and address its adverse effects</li> <li>to implement adaptation actions and opportunities to protect the environment and natural resources</li> </ul>	<a href="http://www.minambiente.it/pagina/gibuti">http://www.minambiente.it/pagina/gibuti</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Adaptation and Mitigation between IMELS and the Ministry of Habitat, Planning and Environment of the Republic of Djibouti</b> , signed in Marrakech, on November 17th 2016		mitigation	<p>The intention is to make a substantial contribution to the implementation of both adaptation and mitigation actions, to properly address and manage the current and future impacts of climate change in Djibouti.</p> <p>The areas of interest are:</p> <ul style="list-style-type: none"> <li>• Environmental governance on mitigation and adaptation activities:</li> <li>• Energy sector:</li> <li>• Climate change adapted agro pastoral practices</li> </ul>	
<b>MoU on environmental protection and sustainable development cooperation between IMELS and the Egyptian Ministry of Environment</b> , signed in Paris on 8 December 2015	<b>Egypt</b>	<p>Technology development &amp; transfer</p> <p>environmental protection and sustainable development</p>	<p>The MoU is intended to develop programmes, initiatives and projects dealing with prevention and/or reduction of environmental pollution, environmental preservation and sustainable development. In particular the cooperation between the Parties will be conducted by means of Capacity building, technology transfer and technical assistance in:</p> <ul style="list-style-type: none"> <li>• promoting measures of adaptation to climate change, with particular linkages to land management, water resources, coastal zone management and sea-level rise;</li> <li>• enhancing public awareness, raising activities on climate change and water quality management aimed to enhance local authorities and strengthen the administrative decentralization process</li> </ul>	<a href="http://www.minambiente.it/pagina/egitto">http://www.minambiente.it/pagina/egitto</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
Technical Agreement on Co-Operation in the field of Mitigation and Adaptation to Climate Change between IMELS and the Ministry of the Environment, Forest and Climate Change of the Federal Democratic Republic of Ethiopia, signed in Marrakech on 18 November 2016	Ethiopia	Technology development & transfer  Adaptation and mitigation	<p>The purpose of this Technical Agreement is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate and disseminate the economic and technological transformation to low emission development, to ensure energy security and to create adaptation actions and opportunities to protect the environment and natural resources.</p> <p>The cooperation is carried out, among others, in the following areas of common interest:</p> <ul style="list-style-type: none"> <li>• Promoting good practices exchange, resources sharing, technical co-operation and information exchange with other global climate change initiatives;</li> <li>• Developing fund raising capacities with regard to environmental issues and climate diplomacy;</li> <li>• Developing research activities, also at regional level, including research on the impact of climate change and on the nexus between migration and climate change;</li> <li>• Developing of public education and awareness campaigns on mitigation and adaptation to global climate change.</li> </ul> <p>On November 15, 2017, the Joint Committee approved 4 projects, among which "<b>Policy Responses to Climate Change: Sustainable Development And Energy Transition</b>". The capacity building proposal aims to strengthen capacity in the areas of planning/management and monitoring, analysis of climate change, promotion of renewable energy and off grid in rural areas. A training activity has been planned for 100 employees of the Ethiopian Ministries involved in the implementation of the national "Climate Resilient Green Economy Strategy", with both European and Ethiopian teachers.</p>	<a href="http://www.minambiente.it/pagina/etiopia">http://www.minambiente.it/pagina/etiopia</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Contribution Agreement between IMELS and the Global Green Growth Institute (GGGI) for the Cooperation in the field of Climate Chance Vulnerability, Mitigation and Adaptation in Ethiopia, signed on September 2017</b>	<b>Ethiopia</b>	Technology development & transfer  Mitigation and Adaptation	<p>The objective of the Project is to support the Ethiopian Government in identifying and promoting projects and technology transfer opportunities, providing ad hoc capacity building activities in the field of renewable energy, early warning system, sustainable agriculture and water resource management, with the aim of supporting sustainable development, local job creation and fostering international partnerships.</p> <p>The collaboration between the Italian Ministry of the Environment and GGGI in Ethiopia will promote in particular:</p> <ul style="list-style-type: none"> <li>• institutional strengthening and transfer of knowledge in the areas of sustainable development;</li> <li>• support for communication on the state of implementation of the National Determined Contributions (NDC) presented by the Ethiopian Government in the Paris agreement;</li> <li>• support for the implementation of the project proposals approved under the agreement between the Italian Ministry of Environment and the Ethiopian one.</li> </ul>	<a href="http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/contrib_ution_agreement_Global_Green_Growth_Institute.pdf">http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/contrib_ution_agreement_Global_Green_Growth_Institute.pdf</a>
<b>MoU on Co-operation in the field of climate change vulnerability, risk assessment, adaptation and mitigation Between IMELS and the Ministry of Energy and Meteorology of the Kingdom Of Lesotho, signed in NY on 21 April 2016</b>	<b>Lesotho</b>	Technology development & transfer  adaptation and mitigation	<p>The purpose of this Memorandum of Understanding is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate and disseminate the economic and technological transformation to low emission Development in ensuring energy security and creating adaptation actions and opportunities to protect the environment and natural resources.</p> <p>Cooperation activities are addressed to:</p> <ul style="list-style-type: none"> <li>• enhancement of capacities for the implementation of Mechanisms under the UNFCCC and its related instruments;</li> <li>• development of public education and awareness campaigns on mitigation and adaptation to global climate change;</li> <li>• capacity building for monitoring, reporting on climate issues, such as mitigation and adaptation;</li> </ul> <p>and will be implemented , among others, by the following means:</p> <ul style="list-style-type: none"> <li>- realization of joint projects;</li> <li>- capacity building, technology transfer and technical assistance.</li> </ul>	<a href="http://www.minambiente.it/pagina/lesotho">http://www.minambiente.it/pagina/lesotho</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>MoU on cooperation in the field of climate change vulnerability, risk assessment, adaptation and mitigation between IMELS and the Ministry of the Environment, Reclamation and Sustainable Development of the Republic of Mali, signed in Bonn, on November 16, 2017</b>	<b>Mali</b>	Technology development & transfer  adaptation and mitigation	<p>The Memorandum of Understanding is aimed at strengthening and coordinating the efforts to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate and disseminate the economic and technological transformation to low emission Development in ensuring energy security and creating adaptation actions and opportunities to protect the environment and natural resources. The Areas of cooperation include:</p> <ul style="list-style-type: none"> <li>• the collection, analysis and dissemination of data related to the observation of climate change and the measurement of its impact on potentially vulnerable economic sectors;</li> <li>• support for the implementation, monitoring, reporting and communication of Voluntary National Contributions (NDC);</li> <li>• promotion of renewable energy and energy efficiency;</li> <li>• promotion of the practices of Climate Smart Agricultural (CSA);</li> <li>• sustainable forest management, including the reduction of deforestation and forest degradation and the enhancement of afforestation / reforestation;</li> <li>• sustainable and integrated water management.</li> </ul> <p>These activities aimed at strengthening skills, technical assistance, exchange of experts, organization of workshops and dedicated seminars, encouraging the involvement of the private sector and cooperation between universities and research centers in the two countries.</p>	<a href="http://www.minambiente.it/pagina/mali">http://www.minambiente.it/pagina/mali</a>
<b>Technical Arrangement on Environmental Protection and sustainable development cooperation between IMELS and the Ministry delegate in</b>	<b>Morocco</b>	Mitigation and Adaptation	<p>The priority sectors of cooperation activities were:</p> <ul style="list-style-type: none"> <li>• Strengthening the implementation of the mitigation and adaptation measures envisaged by the National Voluntary Contributions (NDC), including through technical assistance to feasibility studies for pilot projects on mitigation and the establishment of a monitoring, reporting and verification system NDCs at national level;</li> <li>• Capacity building and dissemination of experiences and knowledge at the national and regional level on mitigation and adaptation to climate change;</li> <li>• Reinforcement of the national policy of integrated management, at a</li> </ul>	<a href="http://www.minambiente.it/pagina/marocco">http://www.minambiente.it/pagina/marocco</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
charge of the Environment of the Kingdom of Morocco, signed in NY on 21 April 2016			<p>technical level, of coastal areas;</p> <ul style="list-style-type: none"> <li>• Strengthening of education on the environment and on sustainable development</li> </ul>	
MoU on Cooperation in the field of Climate Change vulnerability, risk assessment, adaptation and mitigation between IMELS and the Ministry of Natural Resources of the Republic of Rwanda, signed in Marrakech on 15 November 2016	Rwanda	<p>Technology development &amp; transfer</p> <p>adaptation and mitigation</p>	<p>The purpose of this MoU is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate and disseminate the economic and technological transformation to low emission Development in ensuring energy security and creating adaptation actions and opportunities to protect the environment and natural resources.</p> <p>The Work Plan approved on November 2017 focus, among others, on the following areas of interest:</p> <ul style="list-style-type: none"> <li>• Climate change coordination: putting in place climate change policies and Strategies, Access to the means of implementation like climate finance, Technology and Capacity building, Greenhouse gases inventory and climate Negotiations</li> <li>• Energy sector: promotion and development of renewable energies and enhancement of energy efficiency.</li> </ul> <p>In particular, in the area of Access to the means of implementation, training workshops and meetings to build capacity of all stakeholders in Rwanda (Public, private, NGOs and Researchers) and exchange visits to share experience between specialized public and private Institutions from Rwanda and Italy were planned.</p>	<a href="http://www.minambiente.it/pagina/ruanda">http://www.minambiente.it/pagina/ruanda</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
Memorandum of understanding between IMELS and the Department of Water and Sanitation of the Republic of South Africa on technical cooperation in the field of sustainable water integrated management in response to climate change adaptation and climate resilience, signed in Johannesburg on 8 October 2016	South Africa	Technology development & transfer  Adaptation and mitigation	<p>The objectives of this Memorandum of Understanding are to:</p> <ul style="list-style-type: none"> <li>• strengthen and coordinate the efforts of adaptation to climate change and address its adverse effects;</li> <li>• promote measures and techniques aimed at enhancing the regional and local resilience in both countries cooperating on the sustainability and the efficiency of water resources;</li> <li>• develop activities and projects aimed at reducing climate change vulnerability through the provision of sustainable and integrated water management initiatives; and</li> <li>• facilitate cooperation at a sub-national and regional level with public territorial entities from both countries to address the main topics such as education and training, research, development and innovation, technologies and techniques in all the fields of the Water Management.</li> </ul> <p>The Work Plan signed on 21 October 2016 focus on sustainable Water Integrated Management through the following main sectors of intervention: governance, capacity building, pilot projects and initiatives.</p> <p>The capacity building activities in the area of water system in South Africa will include :</p> <ul style="list-style-type: none"> <li>• Training and know how transfer through the involvement of central and local competent authorities, scientific institutions, academia, and key actors in the field of water management</li> <li>• Development of educational programmes in the field of integrated water management system</li> <li>• Study visit in selected sites in South Africa and Europe</li> </ul>	<a href="http://www.minambiente.it/pagina/sudafrica">http://www.minambiente.it/pagina/sudafrica</a>



Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Memorandum of understanding between the Guateng provincial Government of the Republic of South Africa and regione Emilia-Romagna of the Republic of Italy</b>  <b>signed on 18 October 2016</b>	<b>South Africa/ Guateng Province</b>	technology transfer  Mitigation and Adaptation	<p>Gauteng Province and Emilia-Romagna Region cooperation aims at enhancing growth. Cooperation projects focus on water resources management and on the development of services for applied meteorology to contrast climate change as well as the development of scientific programs among Universities, in particular with the University of Pretoria to develop cooperation on the exchange of good practices opening at new research, education and training outlooks in the areas of agriculture and agri-food, climate changes and renewable energy.</p> <p>An annual bilateral summit involves the respective Chambers of Commerce, trade associations, universities, research and training centres. Mutual visit of delegations facilitate synergies with stakeholders, civil society, institutions and the public and private sector for the achievement of the goals.</p>	<p>Emilia Romagna Region Press Release: <a href="https://goo.gl/eof8mT">https://goo.gl/eof8mT</a></p> <p>MoU Emilia Romagna Region-Guateng Province : <a href="https://goo.gl/mNez8h">https://goo.gl/mNez8h</a></p>
<b>MoU on Technical Cooperation in the field of climate change vulnerability risk assessment adaptation and mitigation between IMELS and Ministry of Environment, Natural Resources and Physical Development of Sudan</b> signed in Marrakech on 17 Nov. 2016	<b>Sudan</b>	Adaptation	<p>The purpose of this Memorandum of Understanding is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote clean and efficient energy, to stimulate the transition towards a sustainable low-carbon economy and to implement adaptation actions and opportunities to protect the environment and natural resources. The Work Plan signed in Bonn on 16 May 2017, focuses on the following areas of interest:</p> <ul style="list-style-type: none"> <li>• Energy sector, Water sector, Waste sector;</li> <li>• Capacity building and pilot projects in order to assess the applicability and the effectiveness of the strategies taken into account.</li> </ul> <p>The Joint Committee also approved the first two projects:</p> <ul style="list-style-type: none"> <li>• Supporting Sudan Meteorological Authority (SMA).</li> <li>• Policy responses to climate change: sustainable development and energy transition.</li> </ul>	<a href="http://www.minambiente.it/pagina/sudan">http://www.minambiente.it/pagina/sudan</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>MoU on cooperation in the field of climate change vulnerability, risk assessment, adaptation and mitigation between IMELS and the Ministry of Tourism and Environmental Affairs of the Kingdom of Swaziland, signed in Bonn on 17 May 2017</b>	<b>Swaziland</b>	Adaptation Mitigation	<p>The purpose of this Memorandum of Understanding is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects, to support mechanisms to reduce climate change vulnerability and enhance risk assessment, to promote clean and efficient energy, to stimulate the transition towards a sustainable low-carbon economy; to implement adaptation actions and opportunities to protect the environment and natural resources</p> <p>In the Work Plan signed in Johannesburg on July 4<sup>th</sup> 2017, select activities and projects were identified with the aim to make a substantial contribution to the implementation of both adaptation and mitigation actions, to proper address and manage the current and future impacts of climate change in Swaziland, focusing on:</p> <ul style="list-style-type: none"> <li>• Environmental governance on mitigation and adaptation activities</li> <li>• Agricultural sector</li> <li>• Water and Energy sector</li> </ul>	<a href="http://www.minambiente.it/pagina/swaziland">http://www.minambiente.it/pagina/swaziland</a>
<b>Technical Agreement on cooperation in the field of Energy, Climate Change, Environmental Protection and Sustainable Development between IMELS and Ministry of Energy, Mines and Renewable energy of the Tunisian</b>	<b>Tunisia</b>	Technology development & transfer Adaptation to Climate Change	<p>The purpose of the agreement signed on 9 February 2017 is to strengthen the effort to combat climate change and address its adverse effects, to support mechanisms for regional climate change vulnerability and risk assessment, to promote secure, clean and efficient energy, to stimulate the transition towards sustainable low carbon economy and to implement adaptation actions and opportunities to protect the environment and natural resources.</p> <p>The Work Plan of activities includes:</p> <ul style="list-style-type: none"> <li>• the promotion of renewable energy and energy efficiency;</li> <li>• the implementation, monitoring and communication of NDC (Nationally Determined Contributions);</li> <li>• capacity building, technology transfer and technical assistance;</li> <li>• integrated coastal zone management;</li> <li>• Sustainable waste management</li> <li>• Enhancement of public education and awareness campaigns on measures or adaptation to climate change.</li> </ul>	<a href="http://www.minambiente.it/pagina/tunisia">http://www.minambiente.it/pagina/tunisia</a>

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Republic signed in Rome on 9 February 2017			Bilateral activities in Tunisia are supported by MEDREC (the Mediterranean Renewable Energy Center), established in 2004 in Tunis by IMELS.	
<b>MEDREC Mediterranean Renewable Energy Centre</b> From 2004, in place	<b>Mediterranean Region</b>  <b>Algeria, Egypt, Libya, Morocco, and Tunisia</b>	Technology development & transfer	<p>The MEDREC, based in Tunis, was launched in 2004 by the Italian Ministry of Environment and Territory (IMELS) in collaboration with the National Agency of Energy Conservation (ANME) . It involves international and governmental Institutions of Algeria, Egypt, Libya, Morocco, and Tunisia. MEDREC is a regional centre and a donor-funded project within the ANME, through funding from the IMELS. In 2014 the Centre in collaboration with UNEP promoted initiatives of capacity building, training and information as well as programs to support renewable technologies markets:</p> <p><b>PROSOL Industrial:</b> Solar Water Heating for Industrial Processes: in order to promote the development of solar thermal systems in the industrial sector. In this framework, a workshop was held during the Energy Solutions World Sustainable Energies Forum (Enersol WSEF) gathering the global sustainable energy community in Tunis during which two studies were presented as proposal for a new support scheme for solar thermal technology in industrial sector in Tunisia, and a demonstration project to reduce greenhouse gases emissions, developed with the financial support of IMELS and BENETTON Group.</p> <p>Advanced Training Course: <b>“Integration of renewable energy solutions in the Mediterranean electricity markets”</b> was organized in Milan on Nov. 2014 in the framework of RES4MED (Renewable Energy Solutions for the Mediterranean - A platform of public-private dialogue within the Energy Mediterranean Partnership), in cooperation with Enel Foundation and Politecnico di Milano. The course is addressed primarily to middle managers with an appropriate seniority selected among public institutions, energy companies, energy centers, universities and research agencies operating in the Mediterranean basin.</p>	<a href="http://www.medrec.org/En/home_46_2">http://www.medrec.org/En/home_46_2</a>
<b>LATIN AMERICA</b>				
<b>MoU between IMELS and the Ministry of the Environment</b>	<b>Argentina</b>	technology transfer and technical	Within this Mou, capacity building of planned UNFCCC mechanisms and related instruments and capacity building for monitoring and reporting on climate issues, such as mitigation and adaptation is provided. The overall objective of this cooperation is to strengthen and coordinate the efforts to	<a href="http://www.minambiente.it/pagina/argentina">http://www.minambiente.it/pagina/argentina</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
and Sustainable development of the Republic of Argentina, signed on 8 May 2017 in Buenos Aires		assistance  Mitigation and Adaptation	combat global climate change and address its adverse effects. A joint effort is needed in order to support mechanisms for vulnerability and regional risk assessment related to climate change, to encourage and communicate low-emission economic and technological transformation, to ensure energy security, to implement adaptation actions and opportunities to protect the environment and the natural resources in Argentina.	
MoU on Co-operation for the Development of Renewable Energy Sources and Mitigation and Adaptation to Climate Change in the Caribbean Region between IMELS and the Caribbean Community Climate Change Centre (5Cs), signed in Rome on 20 November 2015	Belize	Technology development & transfer  Mitigation and Adaptation	<p>The MoU with the Caribbean Community Climate Change Centre (5C) in Belize is aimed to support the implementation of the MoU with CARICOM Countries to help them to implement projects and initiatives adopted by the Joint Committee .</p> <p>The cooperation activities are aimed at enhancing regional capabilities for responding effectively to the negative effects of climate change in the region, also providing technical support in the area of climate change mitigation and adaptation, including the development and utilization of renewable energy sources, and support mechanisms for building adaptation capacity and resilience to climate change vulnerability, including disaster risk assessment and reduction, and the development of conservation measures that minimize and address the impact of climate change and other anthropogenic activities on coastal and marine ecosystems.</p> <p>In the implementation of such programmes, projects and activities, consideration shall be given to the participation of the public and private sectors and, where necessary, universities, scientific and technical research bodies and non-governmental organisations within Italy and CARICOM Member States.</p>	<a href="http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/protocollo_intesa_cccc_belize_novembre_2015.pdf">http://www.minambiente.it/sites/default/files/archivio/allegati/sviluppo_sostenibile/protocollo_intesa_cccc_belize_novembre_2015.pdf</a>
Memorandum of understanding on Cooperation in the field of Climate Change	Cuba	Technology development & transfer  Adaptation and	<p>This MoU intends to provide enhanced action and international cooperation on mitigation and adaptation to enable and support the implementation of actions aimed at reducing the emissions and the vulnerability and at building climate resilience;</p> <p>Priority areas of cooperation are:</p> <ul style="list-style-type: none"> <li>• collection, analysis, and dissemination of meteorological and sea-</li> </ul>	<a href="http://www.minambiente.it/pagina/cuba">http://www.minambiente.it/pagina/cuba</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Vulnerability, Risk Assessment, Adaptation And Mitigation between IMELS and the Ministry of Science, Technology and Environment of the Republic of Cuba</b>  <b>Signed on 14 July 2017</b>		Mitigation	<p>level data</p> <ul style="list-style-type: none"> <li>• support to the implementation, monitoring, reporting and communication of DCs;</li> <li>• enhancement of capacities for the implementation of Mechanisms under the UNFCCC and its related instruments;</li> <li>• support to engineering projects related to adaptation to climate change, particularly in the coastal zone;</li> <li>• stimulate dissemination of the economic and technological transformation to low emission development</li> <li>• promoting and development of the use of renewable energies, in order to achieve the target established by both countries in their DCs;</li> <li>• development of public education and awareness campaigns on mitigation and adaptation to global climate change;</li> <li>• exchange of human resources and technical cooperation with other global climate change initiatives with countries in the region, in particular with small island developing and Coastal States;</li> <li>• development of capacities for regional research activities, including impact and adaptation modeling.</li> </ul>	
<b>MoU on Cooperation in the field of Climate Change Vulnerability, Risk Assessment, Adaptation and Mitigation between IMELS and Ministry of the Environment and Energy of the Republic of Costa Rica, signed in Rome on 27 May 2016</b>	Costa Rica	Technology development & transfer	<p>The Protocol promotes coordinated efforts to contrast climate change encouraging the realization of systems for risk assessment through the promotion of clean energy for the economic and technological transformation towards low-carbon systems. The cooperation activities aim at addressing the drivers of deforestation and land degradation, the reduction of deforestation and forest degradation, conservation of forest carbon stocks, sustainable management of forests and enhancement of forest carbon stocks.</p> <p>Capacity building and technology transfer is focused on monitoring and reporting on the following climate issues:</p> <ul style="list-style-type: none"> <li>• mitigation and adaptation</li> <li>• integrated management of maritime and coastal areas</li> <li>• sustainable mobility and transport</li> <li>• integrated water management and urban waste management</li> </ul> <p>Within this cooperation joint projects, exchange of information, exchange of experts as well as joint workshops and meetings have been implemented.</p>	<a href="http://www.minambiente.it/pagina/costa-rica">http://www.minambiente.it/pagina/costa-rica</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>Memorandum of understanding on Cooperation in the field of Climate Change Vulnerability, Risk Assessment, Adaptation And Mitigation between the Ministry of the Environment of Perú and IMELS</b>  <b>Signed in Havana on 18 July 2016</b>	Perù	Technology development & transfer and technical assistance  Adaptation And Mitigation	<p>This cooperation considers the undertaking of actions relating to reducing emissions from deforestation and forest degradation, conservation of forest carbon stocks, sustainable management of forests and enhancement of forest carbon stocks (REDD+). Projects on renewable energies provide potential opportunities to be designed and implemented under the UNFCCC Mechanisms, and can result in an efficient contribution to sustainable development and in the reduction of greenhouse gases emissions. The implementation of the activities is focused on the following aspects :</p> <ul style="list-style-type: none"> <li>• realization of joint projects</li> <li>• capacity building</li> <li>• technology transfer and technical assistance</li> <li>• exchange of information and materials available related to environment, including programs, publications, expertise and studies results</li> <li>• exchange of experts, delegations visits and trainees</li> <li>• joint organization of workshops, seminars or other meetings</li> <li>• joint participation of experts to events and projects</li> <li>• promotion of private sector participation and activities to implement Public Private Partnership initiatives</li> </ul>	<a href="http://www.minambiente.it/pagina/peru">http://www.minambiente.it/pagina/peru</a>
<b>SMALL ISLAND DEVELOPING STATES (SIDS)</b>				
<b>Cooperation Program Italy- Pacific Small Island Developing States (SIDS) 2007 ongoing</b>	<b>Pacific Small Island - Cook Islands, Fiji, Kiribati, Micronesia, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea Samoa, Tonga, Tuvalu and</b>	Technology development & transfer  Adaptation	<p>In the framework of the Cooperation Program Italy- Pacific Small Island Developing States (SIDS), a program aimed at Strengthening the capacity of young officers through annual training courses on multilateral climate and ocean processes to ensure, over time, the participation of SIDS in international negotiations was approved on July 2017. The Programme includes among others, the following capacity building projects:</p> <ul style="list-style-type: none"> <li>• Project for National Capacity Strengthening for the Follow-up to, and Implementation of the Paris Agreement, the Sustainable Development Goals and related Major International Agreements" 2018 and the Capacity-Strengthening Project proposed by the Government of <b>Tonga</b>, aimed at "De-Silo-ing" the Whole-of-Government Approach to Sustainable Development and Connecting Ocean Health with Climate Change Policies" addressed to three fellows of Tonga at the United Nations Representative.</li> <li>• Enhancing water security &amp; climate resilient food systems for displaced atoll communities in Yap", proposed by the Federated States of Micronesia. The focus is on water security, through the creation of efficient collection and storage systems, food security, introduction of sustainable practices for resilient agriculture, for the Yap communities .</li> </ul>	<a href="http://www.minambiente.it/notizie/dieci-anni-di-cooperazione-con-le-isole-del-pacifico">http://www.minambiente.it/notizie/dieci-anni-di-cooperazione-con-le-isole-del-pacifico</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
	Vanuatu.			
MoU on Co-Operation On Climate Change Vulnerability, Adaptation And Mitigation between IMELS and the the Governments of Antigua and Barbuda, the Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, signed on 2015 and 2016 by 10 countries of 14 of CARICOM area	CARICOM/ Antigua and Barbuda, Bahamas, Belize, Barbados, Cuba, Dominica, Grenada, Guyana, Haiti, Jamaica, Santo Domingo, St. Kitts and Nevis, St. Vincent and the Grenadines, St. Lucia, Suriname, Trinidad and Tobago	Adaptation And Mitigation	<p>The Mou has been signed by 10 CARICOM Countries until now: Haiti, St. Lucia, Belize and Guyana on Nov. and Dec. 2015; Antigua e Barbuda, Dominica, St. Kitts and Nevis, Bahamas, St Vincent e Grenadines, and Grenada on 2016. The sectors of cooperation include:</p> <ul style="list-style-type: none"> <li>• adaptation to climate change, and protection from the vulnerability to sea level rise and climate variability in the region;</li> <li>• identification and implementation of the Intended Nationally Determined Contributions;</li> <li>• reporting and assessment of the Intended Nationally Determined Contributions;</li> <li>• development and dissemination of the use of renewable energies;</li> <li>• transfer of scientific and technical knowledge and experience;</li> <li>• transfer of technology;</li> <li>• exchange of experts, scientists and researchers;</li> <li>• enhancing capacities for the implementation of Mechanisms under the UNFCCC and its related instruments;</li> <li>• promotion of joint ventures between the private sectors of the Parties.</li> </ul> <p>The Work Plan is broken down in two Programmes:</p> <ul style="list-style-type: none"> <li>• The <b>Sustainable Energy Programme</b> in which the activities are articulated in the five sub-programmes: <ol style="list-style-type: none"> <li>1. Development of climate change adaptation measures</li> <li>2. identification, implementation, reporting and assessment of the Intended Nationally Determined Contributions</li> <li>3. Assessment of energy requirements and strengthening of energy policies and action plans</li> <li>4. Rural Electrification</li> <li>5. Development of renewable energy sources</li> </ol> </li> <li>• The <b>Climate Change Adaptation Programme</b> that includes two sub- programmes: <ol style="list-style-type: none"> <li>1. Supporting Disaster Risk Reduction efforts as a means to decrease their vulnerability to the impact of severe weather occurrences and sea level rise, and increase their capacity to adapt to increasingly extreme situations caused by climate change;</li> <li>2. Supporting protection and conservation of marine and terrestrial</li> </ol> </li> </ul>	<a href="http://www.minambiente.it/pagina/paesi-caricom">http://www.minambiente.it/pagina/paesi-caricom</a>

Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
			<p>ecosystems and biodiversity as a means to increase the resilience of the CARICOM Member States to the negative impact of anthropogenic activities that are made more severe by climate change.</p> <p>Until now (2017) the Joint Committee has approved 11 projects to be implemented in the states of Antigua and Barbuda, Bahamas, Belize, Dominica, Grenada, Guyana, Haiti, Saint Lucia, Saint Vincent and the Grenadines, St. Kitts and Nevis with a total budget of over 6 million dollars.</p>	
<p><b>Memorandum of understanding on Cooperation in the field of Climate Change Vulnerability, Risk Assessment, Adaptation and Mitigation between IMELS and the Ministry of the Environment and Energy of the Republic of Maldives</b></p> <p><b>Signed in Paris on 9<sup>th</sup> December 2015</b></p>	Maldives	<p>Technology development &amp; transfer</p> <p>Adaptation and Mitigation</p>	<p>The main objective of this MoU is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects. The implementation of adaptation actions is aimed at reducing vulnerability and building resilience taking into account the urgent and immediate needs of this developing country that is particularly vulnerable. This cooperation aims also to promote clean and efficient energy; to stimulate and disseminate the economic and technological transformation to low emission Development in ensuring energy security and creating adaptation actions and opportunities to protect the environment and natural resources. The areas of common interest for cooperation include:</p> <ul style="list-style-type: none"> <li>• collection, analysis, and dissemination of meteorological and sea level data</li> <li>• promotion and development of the use of renewable energies, development of public education and awareness campaigns on mitigation and adaptation to global climate change;</li> <li>• resources sharing, technical co operation and information exchange with other global climate change initiatives, in particular in Small Islands Developing States.</li> </ul> <p>In the framework of this Cooperation Agreement the following projects have been launched:</p> <ul style="list-style-type: none"> <li>· Installation of a water desalination plant on the island of Magoodhoo - Faafu Atoll"</li> <li>· Enhancing weather and climate monitoring and data management capacity of MMS (Maldives Meteorological Service) for reducing vulnerabilities of climate change in the Maldives"</li> <li>· Ocean Energy Resources Assessment for Maldives" " Development of a sea state forecasting system for the Maldivian Archipelago – Maldives Meteorological Services (MMS)"</li> </ul>	<a href="http://www.minambiente.it/pagina/maldives">http://www.minambiente.it/pagina/maldives</a>



Programme or project title	Recipient country / region	Targeted area	Description of programme or project	Comments
<b>MoU on cooperation in the field of climate change vulnerability, risk assessment, adaptation and mitigation between IMELS and the Ministry of Adaptation and Mitigation between IMELS and the Ministry of Production, Environment, Industry and Handcrafts of the Union of Comoros</b>  Signed in Paris on 9 <sup>th</sup> December 2015	<b>UNION OF COMOROS</b>	Technology development & transfer  Adaptation And Mitigation	<p>The main objective of this Memorandum of Understanding is to strengthen and coordinate the efforts to combat global climate change and address its adverse effects. The implementation of adaptation actions is aimed at reducing vulnerability and building resilience taking into account the urgent and immediate needs of this developing country that is particularly vulnerable. This cooperation aims also to promote clean and efficient energy; to stimulate and disseminate the economic and technological transformation to low emission Development in ensuring energy security and creating adaptation actions and opportunities to protect the environment and natural resources</p> <p>In the implementation of projects in the Comores Islands the promotion of renewable energies is considered of priority importance to achieve the objectives defined by the government of Comores as well as the development of programs and policy to contrast soil degradation .</p> <p>The areas of common interest for cooperation include:</p> <ul style="list-style-type: none"> <li>• collection, analysis, and dissemination of meteorological and sea level data</li> <li>• promotion and development of the use of renewable energies, development of public education and awareness campaigns on mitigation and adaptation to global climate change;</li> <li>• resources sharing, technical co operation and information exchange with other global climate change initiatives, in particular in Small Islands Developing States.</li> </ul>	<a href="http://www.minambiente.it/pagina/unione-delle-comore">http://www.minambiente.it/pagina/unione-delle-comore</a>

## 8. ANNEX

**Table 5: Summary of key variables and assumptions used in the projections analysis**

Key underlying assumptions	Unit	Historical						Projected			
		1990	1995	2000	2005	2010	2011	2015	2020	2025	2030
Gross Domestic Product	constant 2010 € (billion)		1,409.62	1,556.22	1,630.72	1,604.51	1,577.90	1,547.23	1,602.56	1,699.29	1,803.01
Population	million	56.69	56.84	56.92	57.87	59.19	59.36	60.80	62.07	63.12	64.23
Final energy consumption	PJ				5,742.31	5,378.31	5,155.23	4,875.28	5,005.21	4,924.63	4,962.82
International coal price	2010 € / toe					132.13		80.13	99.91	119.39	143.28
International oil price	2010 € / toe					434.35		336.56	523.90	594.70	655.13
International gas price	2010 € / toe					286.16		270.98	337.02	364.63	396.53
Carbon price	2010 € / t CO <sub>2</sub>					10.00		7.18	14.35	21.53	32.05
Gross value-added industry	2010 € (billion)		305.92	327.08	338.55	311.92	313.06	291.96	300.49	310.95	324.10
Gross value-added services	2010 € (billion)		904.40	1,002.01	1,053.90	1,063.04	1,072.08	1,033.02	1,110.39	1,185.87	1,264.47
Passenger person kilometres (all transport modes in absolute figures)	billion pass-km, excluding civil aviation					918.60		901.00	1,017.42	1,055.14	1,093.70
Freight ton-km (all transport modes in absolute figures)	billion tonn-km					211.40		224.90	289.19	306.10	323.20
Livestock: -Dairy cattle	Million heads	2.64	2.08	2.07	1.84	1.75	1.75	1.83	1.65	1.64	1.63
Livestock: -Non-dairy cattle	Million heads	5.11	5.19	4.99	4.41	4.09	4.14	3.95	4.09	4.06	3.97
Livestock: -Swine	Million heads	8.41	8.06	8.31	9.20	9.32	9.35	8.68	9.53	9.60	9.69
Livestock: -Sheep	Million heads	8.74	10.67	11.09	7.95	7.90	7.94	7.15	7.86	7.93	7.98
Livestock: -Poultry	Million heads	173.34	184.20	176.72	188.60	198.35	200.72	196.39	201.31	204.38	205.59

Key underlying assumptions	Unit	Historical						Projected			
		1990	1995	2000	2005	2010	2011	2015	2020	2025	2030
Nitrogen input from application of synthetic fertilizers	kt nitrogen	757.51	797.50	785.59	779.85	496.64	515.97	517.85	610.21	610.21	610.21
Nitrogen input from application of manure	kt nitrogen	575.20	542.41	541.41	513.71	507.53	509.60	505.00	512.93	516.94	517.95
Nitrogen fixed by N-fixing crops	kt nitrogen	254.65	191.02	189.58	176.70	170.30	167.55	165.62	153.37	147.72	141.50
Nitrogen in crop residues returned to soils	kt nitrogen	207.12	233.83	221.62	209.83	189.99	189.82	176.43	138.02	124.60	122.65
Area of cultivated organic soils	Ha (hectares)	25,479.97	25,479.97	25,479.97	25,479.97	25,479.97	25,479.97	25,479.97	25,479.97	25,479.97	25,479.97
Municipal solid waste (MSW) generation	kt MSW	22,230.75	25,780.02	28,958.54	31,663.55	32,479.11	31,386.22	29,524.26	30,350.53	30,634.24	30,829.27
Municipal solid waste (MSW) going to landfills	kt MSW	22,713.74	26,967.76	26,068.69	20,683.65	18,824.67	16,380.39	11,217.74	8,577.89	7,891.17	7,169.89
Share of CH <sub>4</sub> recovery in total CH <sub>4</sub> generation from landfills	%	0.12	0.16	0.20	0.27	0.35	0.37	0.42	0.52	0.56	0.58

<sup>a</sup> Parties should include key underlying assumptions as appropriate.

<sup>b</sup> Parties should include historical data used to develop the greenhouse gas projections reported.

2015 is an historical year and data are not projected.

Due to a technical problem it was impossible to delete the year 2035 from the table. The fields were left blank.

**Table 6(a): Information on updated greenhouse gas projections**

									GHG emission projections - Scenarios	
		GHG emissions and removals							With measures	
GHG emissions projections	Unit	Base Year	1990	1995	2000	2005	2010	2015	2020	2030
Sector										
Energy	kt CO <sub>2</sub> eq	231,855.05	231,855.05	235,035.84	247,480.30	268,529.95	241,139.13	195,660.45	190,070.04	163,408.17
Transport	kt CO <sub>2</sub> eq	102,702.31	102,702.31	114,773.08	124,066.14	128,006.34	115,091.73	105,990.42	104,386.27	103,465.09
Industry/industrial processes	kt CO <sub>2</sub> eq	126,493.77	126,493.77	123,894.62	122,297.71	125,629.55	95,923.33	82,633.59	85,675.97	82,552.78
Agriculture	kt CO <sub>2</sub> eq	35,600.99	35,600.99	35,568.40	34,914.39	32,711.68	30,526.61	29,953.42	30,536.03	30,617.05
Forestry/LULUCF	kt CO <sub>2</sub> eq	-3,255.59	-3,255.59	-21,944.15	-16,242.30	-28,384.83	-31,608.70	-36,218.45	-24,380.58	-41,535.25
Waste management/waste	kt CO <sub>2</sub> eq	23,265.28	23,265.28	21,825.58	24,105.17	24,571.02	22,366.19	18,786.66	15,158.20	11,959.66
Other Sectors										
Gases										
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	kt CO <sub>2</sub> eq	429,382.52	429,382.52	424,409.08	448,392.79	462,219.77	392,705.71	320,135.87	327,669.73	285,668.71
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	kt CO <sub>2</sub> eq	434,967.84	434,967.84	447,513.43	466,240.55	491,570.50	425,303.90	357,198.77	352,865.54	327,886.58
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	kt CO <sub>2</sub> eq	55,759.42	55,759.42	52,548.29	54,000.97	51,337.25	49,048.45	43,500.10	40,775.93	36,812.21
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	kt CO <sub>2</sub> eq	54,241.73	54,241.73	52,199.28	53,067.35	50,978.83	48,694.01	43,211.91	40,475.01	36,628.71
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	kt CO <sub>2</sub> eq	27,761.40	27,761.40	29,128.91	30,018.41	28,926.34	20,171.82	18,759.23	19,262.02	19,064.17
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	kt CO <sub>2</sub> eq	26,949.36	26,949.36	28,317.73	29,346.56	28,318.87	19,536.77	18,202.98	18,747.72	18,565.05

HFCs	kt CO <sub>2</sub> eq	444.00	444.00	819.51	2,104.80	6,059.92	9,581.21	12,264.21	11,751.57	6,934.50
PFCs	kt CO <sub>2</sub> eq	2,906.86	2,906.86	1,492.31	1,488.50	1,939.95	1,520.39	1,688.33	1,638.24	1,638.24
SF <sub>6</sub>	kt CO <sub>2</sub> eq	407.61	407.61	678.68	602.68	547.10	390.55	429.93	320.26	321.49
NF <sub>3</sub>	kt CO <sub>2</sub> eq			76.57	13.26	33.38	20.17	28.42	28.17	28.17
Other gases										
Total with LULUCF <sup>f</sup>	kt CO <sub>2</sub> eq	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total without LULUCF	kt CO <sub>2</sub> eq	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<sup>a</sup> In accordance with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, at a minimum Parties shall report a ‘with measures’ scenario, and may report ‘without measures’ and ‘with additional measures’ scenarios. If a Party chooses to report ‘without measures’ and/or ‘with additional measures’ scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report ‘without measures’ or ‘with additional measures’ scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

<sup>b</sup> Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this biennial report. Where the sectoral breakdown differs from that reported in the GHG inventory Parties should explain in their biennial report how the inventory sectors relate to the sectors reported in this table.

<sup>c</sup> 2018 is the reporting due-date year (i.e. 2014 for the first biennial report).

<sup>d</sup> In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

<sup>e</sup> To the extent possible, the following sectors should be used: energy, transport, industry/industrial processes, agriculture, forestry/LULUCF, waste management/waste, other sectors (i.e. cross-cutting), as appropriate.

<sup>f</sup> Parties may choose to report total emissions with or without LULUCF, as appropriate.