#### **BR CTF submission workbook**

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Emission trends: summary <sup>(1)</sup> (Sheet 1 of 3)	CRF: ISL_CRFv1.1
	Base year <sup>a</sup> 1991

	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS EMISSIONS	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	3,261.02	3,186.77	3,297.15	3,406.97	3,341.33	3,350.67	3,425.98	3,495.43	3,483.15
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	2,160.11	2,090.16	2,216.10	2,339.34	2,286.94	2,318.22	2,407.41	2,495.75	2,505.00
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	407.80	409.50	413.65	421.70	430.39	428.23	436.58	437.78	447.86
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	406.20	403.18	407.34	415.39	424.08	421.91	428.88	430.08	440.06
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	589.79	570.80	539.86	550.70	556.88	547.43	568.39	567.87	570.22
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	520.90	501.69	470.50	481.16	487.17	477.42	498.14	497.25	499.07
HFCs	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.67	1.41	8.51	15.31	23.72	35.72
PFCs	419.63	348.34	155.28	74.86	44.57	58.84	25.15	82.36	180.13
SF <sub>6</sub>	1.15	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
Total (including LULUCF)	4,679.39	4,516.71	4,407.24	4,456.21	4,375.89	4,394.99	4,472.72	4,608.46	4,718.40
Total (excluding LULUCF)	3,507.99	3,344.68	3,250.52	3,312.72	3,245.47	3,286.22	3,376.20	3,530.46	3,661.29

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq
1. Energy	1,778.70	1,742.20	1,865.42	1,943.42	1,890.72	1,916.25	2,006.67	2,046.42	2,029.21
2. Industrial Processes	869.03	762.25	567.26	538.18	510.10	546.11	525.70	642.52	774.75
3. Solvent and Other Product Use	9.07	8.63	8.02	7.96	7.49	7.51	8.16	8.26	8.63
4. Agriculture	706.45	682.15	650.88	658.00	665.04	637.23	654.28	648.83	660.79
5. Land Use, Land-Use Change and Forestry <sup>b</sup>	1,171.40	1,172.04	1,156.72	1,143.49	1,130.42	1,108.77	1,096.51	1,078.00	1,057.11
6. Waste	144.75	149.44	158.95	165.17	172.11	179.12	181.39	184.44	187.90
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	4,679.39	4,516.71	4,407.24	4,456.21	4,375.89	4,394.99	4,472.72	4,608.46	4,718.40

Note: All footnotes for this table are given on sheet 3.

<sup>1</sup> The common tabular format will be revised, in accordance with relevant decisions of the Conference of the Parties and, where applicable, with decisions of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol."

### ISL\_BR1\_v1.0

# Table 1

Table 1	
Emission trends: summary	(1)
(Sheet 2 of 3)	

#### CRF: ISL\_CRF\_\_ v1.1

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS EMISSIONS	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	3,668.11	3,710.62	3,693.34	3,765.44	3,734.68	3,781.85	3,674.82	3,832.12	4,072.59	4,377.83
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	2,710.12	2,775.92	2,773.28	2,862.86	2,854.60	2,926.44	2,852.93	3,029.32	3,286.41	3,605.13
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	452.90	448.07	456.48	454.40	453.09	454.88	450.57	473.55	474.05	469.70
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	445.09	440.26	448.67	446.59	445.29	447.07	442.77	464.45	465.82	461.48
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	592.42	567.59	560.22	528.05	518.17	515.89	524.90	551.76	570.44	582.13
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	520.74	495.07	487.20	454.34	444.03	441.27	449.68	475.15	493.35	504.19
HFCs	40.45	35.78	40.27	38.10	47.19	50.19	58.42	58.76	61.98	70.64
PFCs	173.21	127.16	91.66	72.54	59.79	38.58	26.10	333.22	281.13	349.00
SF <sub>6</sub>	1.30	1.37	1.37	1.37	1.37	1.38	2.64	2.64	3.00	3.15
Total (including LULUCF)	4,928.40	4,890.60	4,843.34	4,859.90	4,814.29	4,842.77	4,737.45	5,252.05	5,463.19	5,852.45
Total (excluding LULUCF)	3,890.92	3,875.58	3,842.47	3,875.81	3,852.26	3,904.94	3,832.54	4,363.54	4,591.69	4,993.59
	1000	2000	2001	2002	2002	2004	2005	2007	2007	2000
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	$kt CO_2 eq$	<i>kt CO</i> <sub>2</sub> <i>eq</i>	kt CO <sub>2</sub> eq	kt $CO_2$ eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq
1. Energy	2,098.11	2,041.71	2,004.55	2,079.69	2,071.78	2,121.82	2,075.58	2,142.97	2,199.46	2,074.66
2. Industrial Processes	922.23		977.11	953.89	949.65	954.71	934.60	1,349.95	1,500.22	2,019.53
3. Solvent and Other Product Use	8.29	8.31	7.65	7.42	7.21	7.16	6.88	7.25	7.83	7.18
4. Agriculture	670.44	652.88	650.84	629.28	617.17	605.53	608.30	638.65	659.74	676.29
5. Land Use, Land-Use Change and Forestry <sup>b</sup>	1,037.48	1,015.02	1,000.87	984.09	962.02	937.83	904.91	888.51	871.50	858.86
6. Waste	191.85	196.23	202.32	205.53	206.46	215.72	207.17	224.71	224.44	215.93
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	4,928.40	4,890.60	4,843.34	4,859.90	4,814.29	4,842.77	4,737.45	5,252.05	5,463.19	5,852.45

Note: All footnotes for this table are given on sheet 3.

#### Table 1 Emission trends: summary <sup>(1)</sup> (Sheet 3 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

GREENHOUSE GAS EMISSIONS	2009	2010	2011	Change from base to latest reported year
	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	kt CO <sub>2</sub> eq	(%)
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	4,319.39	4,140.42	3,991.45	22.40
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	3,571.84	3,431.81	3,332.75	54.29
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	467.18	467.80	452.67	11.00
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	458.85	459.47	444.34	9.39
N2O emissions including N2O from LULUCF	547.96	532.54	527.70	-10.53
N2O emissions excluding N2O from LULUCF	469.28	453.68	448.45	-13.91
HFCs	95.01	122.54	121.35	100.00
PFCs	152.75	145.63	63.22	-84.93
SF <sub>6</sub>	3.17	4.89	3.13	172.33
Total (including LULUCF)	5,585.47	5,413.81	5,159.53	10.26
Total (excluding LULUCF)	4,750.90	4,618.01	4,413.25	25.81

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	$kt CO_2 eq$	$kt CO_2 eq$	kt CO <sub>2</sub> eq	(%)
1. Energy	2,021.22	1,869.15	1,769.76	-0.50
2. Industrial Processes	1,860.61	1,889.78	1,798.44	106.95
3. Solvent and Other Product Use	6.31	6.15	6.30	-30.50
4. Agriculture	651.43	642.84	640.68	-9.31
5. Land Use, Land-Use Change and Forestry <sup>b</sup>	834.57	795.80	746.28	-36.29
6. Waste	211.32	210.08	198.07	36.84
7. Other	NA	NA	NA	0.00
Total (including LULUCF)	5,585.47	5,413.81	5,159.53	10.26

Notes:

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely

"Emission trends (CO<sub>2</sub>)", "Emission trends (CH<sub>4</sub>)", "Emission trends (N<sub>2</sub>O)" and "Emission trends (HFCs, PFCs and SF<sub>6</sub>)", which is included

in an annex to this biennial report.

(2) 2011 is the latest reported inventory year.

(3) 1 kt  $CO_2$  eq equals 1 Gg  $CO_2$  eq.

*Abbreviation:* LULUCF = land use, land-use change and forestry.

<sup>a</sup> The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

 $^{\rm b}\,$  Includes net CO\_2, CH\_4 and N\_2O from LULUCF.

Table 1 (	a)
Emission	trends (CO <sub>2</sub> )
(Sheet 1	of 3)

# CRF: ISL\_CRF\_\_ v1.1

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	1,746.49	1,710.48	1,833.72	1,910.14	1,857.28	1,872.78	1,963.14	1,992.27	1,974.38
A. Fuel Combustion (Sectoral Approach)	1,685.13	1,640.53	1,766.11	1,824.76	1,787.16	1,790.55	1,881.87	1,928.42	1,890.68
1. Energy Industries	13.64	15.22	13.67	14.87	14.54	18.89	11.62	8.17	11.11
2. Manufacturing Industries and Construction	360.79	285.34	339.15	366.43	343.79	358.10	399.02	467.37	444.57
3. Transport	612.37	624.15	634.57	635.04	637.79	613.50	604.42	615.75	619.00
4. Other Sectors	698.33	715.83	778.72	808.43	791.04	800.06	866.82	837.12	815.99
5. Other	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Fugitive Emissions from Fuels	61.36	69.95	67.62	85.38	70.12	82.23	81.27	63.85	83.70
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	61.36	69.95	67.62	85.38	70.12	82.23	81.27	63.85	83.70
2. Industrial Processes	399.28	365.29	368.30	416.72	417.92	434.70	434.07	493.42	521.32
A. Mineral Products	52.28	48.65	45.69	39.68	37.37	37.87	41.78	46.55	54.39
B. Chemical Industry	0.36	0.31	0.25	0.24	0.35	0.46	0.40	0.44	0.40
C. Metal Production	346.63	316.32	322.36	376.80	380.20	396.37	391.89	446.44	466.53
D. Other Production	NE	NE	NE	NE	NE	NE	NE	NE	NE
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	3.07	3.20	3.20	3.21	3.20	3.21	3.45	3.55	3.80
4. Agriculture									
A. Enteric Fermentation									
B. Manure Management									
C. Rice Cultivation									
D. Agricultural Soils									
E. Prescribed Burning of Savannas									
F. Field Burning of Agricultural Residues									
G. Other									
5. Land Use, Land-Use Change and Forestry	1,100.91	1,096.61	1,081.04	1,067.63	1,054.39	1,032.44	1,018.57	999.68	978.15
A. Forest Land	-44.24	-46.01	-51.10	-56.33	-59.22	-69.33	-74.12	-81.51	-89.67
B. Cropland	1,198.36	1,193.22	1,187.35	1,181.43	1,175.47	1,169.54	1,163.64	1,157.66	1,151.70
C. Grassland	-55.06	-57.96	-62.57	-64.82	-69.22	-75.12	-79.93	-85.45	-92.98
D. Wetlands	1.86	7.36	7.36	7.36	7.36	7.36	8.98	8.98	9.11
E. Settlements	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
F. Other Land	NE	NE	NE	NE	NE	NE	NE	NE	NE
G. Other	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
6. Waste	11.27	11.18	10.88	9.27	8.54	7.53	6.75	6.50	5.51
A. Solid Waste Disposal on Land	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
B. Waste-water Handling									
C. Waste Incineration	11.27	11.18	10.88	9.27	8.54	7.53	6.75	6.50	5.51
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CO2 emissions including net CO2 from LULUCF	3,261.02	3,186.77	3,297.15	3,406.97	3,341.33	3,350.67	3,425.98	3,495.43	3,483.15
Total CO2 emissions excluding net CO2 from LULUCF	2,160.11	2,090.16	2,216.10	2,339.34	2,286.94	2,318.22	2,407.41	2,495.75	2,505.00
Memo Items:									
International Bunkers	318.65	259.64	263.56	293.02	307.10	380.15	395.45	440.80	514.67
Aviation	219.65					236.15		292.12	
Marine	99.00	37.65				144.00		148.68	176.54
Multilateral Operations	NO					NO			NO
CO2 Emissions from Biomass	NA, NO					NA, NO			NA, NO

**Note:** All footnotes for this table are given on sheet 3.

# Table 1 (a) Emission trends (CO<sub>2</sub>) (Sheet 2 of 3)

### CRF: ISL\_CRF\_\_ v1.1

	1999	2000	2001	2002	2003	2004	2005	2006	2007
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	2,031.73	1,975.42	1,939.14	2,014.81	2,007.69	2,052.17	1,998.59	2,066.21	2,121.33
A. Fuel Combustion (Sectoral Approach)	1,920.46	1,822.28	1,795.37	1,867.25	1,871.18	1,929.27	1,882.24	1,929.57	1,975.57
1. Energy Industries	8.24	7.24	6.55	8.52	7.79	7.43	9.22	8.49	23.81
2. Manufacturing Industries and Construction	470.11	423.71	470.93	473.73	425.39	458.70	419.21	406.89	386.54
3. Transport	640.69	642.83	653.53	657.22	751.18	803.26	808.94	951.27	986.01
4. Other Sectors	801.42	748.50	664.36	727.78	686.82	659.88	644.87	562.92	579.20
5. Other	NA, NO	NA, NO	NA, NO	NA, NO					
B. Fugitive Emissions from Fuels	111.27	153.15	143.77	147.57	136.51	122.90	116.36	136.65	145.76
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO					
2. Oil and Natural Gas	111.27	153.15	143.77	147.57	136.51	122.90	116.36	136.65	145.76
2. Industrial Processes	670.41	792.55	826.74	840.90	840.36	863.60	846.48	954.33	1,153.08
A. Mineral Products	61.46	65.68	58.99	39.76	33.48	51.45	55.72	62.72	64.52
B. Chemical Industry	0.43	0.41	0.49	0.45	0.48	0.39	NA, NO	NA, NO	NA, NO
C. Metal Production	608.52	726.46	767.26	800.68	806.41	811.76	790.76	891.62	1,088.56
D. Other Production	NE	NE	NE	NE	NE	NE	NE	NE	NE
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	3.47	3.71	3.37	3.39	3.33	3.60	3.53	3.89	4.03
4. Agriculture									
A. Enteric Fermentation									
B. Manure Management									
C. Rice Cultivation									
D. Agricultural Soils									
E. Prescribed Burning of Savannas									
F. Field Burning of Agricultural Residues									
G. Other									
5. Land Use, Land-Use Change and Forestry	957.99	934.70	920.06	902.58	880.07	855.41	821.88	802.80	786.19
A. Forest Land	-95.55	-107.07	-112.80	-120.89	-131.98	-138.95	-158.87	-165.34	-172.98
B. Cropland	1,145.63	1,139.59	1,133.44	1,127.26	1,123.44	1,117.47	1,112.15	1,105.92	1,100.83
C. Grassland	-101.19	-106.93	-109.69	-112.90	-120.49	-132.38	-140.68	-147.99	-151.48
D. Wetlands	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.60
E. Settlements	NE, NO	0.16	0.18	1.09	0.22				
F. Other Land	NE	NE	NE	NE	NE	NE	NE	NE	NE
G. Other	NA, NE, NO	NE, NO	NE, NO	NE, NO					
6. Waste	4.51	4.24	4.03	3.75	3.22	7.09	4.33	4.88	7.98
A. Solid Waste Disposal on Land	NA, NE	NA, NE	NA, NE	NA, NE					
B. Waste-water Handling									
C. Waste Incineration	4.51	4.24	4.03	3.75	3.22	7.09	4.33	4.88	7.98
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CO2 emissions including net CO2 from LULUCF	3,668.11	3,710.62	3,693.34	3,765.44	3,734.68	3,781.85	3,674.82	3,832.12	4,072.59
Total CO2 emissions excluding net CO2 from LULUCF	2,710.12	2,775.92	2,773.28	2,862.86	2,854.60	2,926.44	2,852.93	3,029.32	3,286.41
Memo Items:									
International Bunkers	527.25	626.29	498.17	517.17	476.72	576.21	532.59	637.13	718.45
Aviation	363.37	407.74	349.13	309.85	333.00	380.00	421.63	499.89	511.53
Marine	163.88	218.55	149.04	207.32	143.72	196.21	110.96	137.23	206.92
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
1									

**Note:** All footnotes for this table are given on sheet 3.

# ISL\_BR1\_v1.0

7	2008
	kt
21.33	1,999.42
75.57	1,815.15
23.81	7.92
86.54	344.25
86.01	932.13
79.20	530.86
, NO	NA, NO
45.76	184.27
, NO	NA, NO
45.76	184.27
53.08	1,595.86
64.52	62.86
, NO	NA, NO
88.56	1,533.00
NE	NE
	1,12
NA	NA
4.03	3.55
86.19	772.70
72.98	-177.07
00.83	1,095.15
51.48	-155.06
9.60	9.60
0.22	0.08
NE	NE
e, no	NE, NO
7.98	6.31
A, NE	NA, NE
,	. ,
7.98	6.31
7.98 NA	NA
NA	NA
72.59	4,377.83
86.41	3,605.13
18.45	656.36
11.53	427.83
06.92	228.53
	228.33 NO
NO	
, NO	NA, NO

Table 1(a) Emission trends (CO<sub>2</sub>) (Sheet 3 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	1,952.48	1,807.12	1,712.12	-1.97
A. Fuel Combustion (Sectoral Approach)	1,784.02	1,618.13	1,533.43	
1. Energy Industries	8.81	6.69	6.85	-49.77
2. Manufacturing Industries and Construction	247.27	199.36	181.94	
3. Transport	905.31	861.59	826.36	34.94
4. Other Sectors	622.64	550.49	518.29	-25.78
5. Other	NA, NO	NA, NO	NA, NO	0.00
B. Fugitive Emissions from Fuels	168.45	188.99	178.68	191.21
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	168.45	188.99	178.68	191.21
2. Industrial Processes	1,608.77	1,615.82	1,609.87	303.20
A. Mineral Products	30.05	10.64	21.15	-59.55
B. Chemical Industry	NA, NO	NA, NO	NA, NO	-100.00
C. Metal Production	1,578.72	1,605.18	1,588.72	358.33
D. Other Production	NE	NE	NE	0.00
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	3.16	2.74	2.81	-8.37
4. Agriculture				
A. Enteric Fermentation				
B. Manure Management				
C. Rice Cultivation				
D. Agricultural Soils				
E. Prescribed Burning of Savannas				
F. Field Burning of Agricultural Residues				
G. Other				
5. Land Use, Land-Use Change and Forestry	747.56	708.61	658.70	-40.17
A. Forest Land	-191.03	-215.22	-250.67	
B. Cropland	1,087.18	1,078.95	1,072.41	-10.51
C. Grassland	-158.40	-164.92	-173.21	214.59
D. Wetlands	9.72	9.72	9.72	
E. Settlements	0.08	0.08	0.46	
F. Other Land	0.08 NE	NE	0.40 NE	
G. Other	NE, NO	NE, NO	NE, NO	
6. Waste	7.43	6.13	7.96	
<ul><li>A. Solid Waste Disposal on Land</li><li>B. Waste-water Handling</li></ul>	NA, NE	NA, NE	NA, NE	0.00
C. Waste Incineration	7.42	6 12	7.04	20.44
	7.43	6.13	7.96	
D. Other	NA	NA	NA	
7. Other (as specified in the summary table in CRF)	NA	NA	NA	
Total CO2 emissions including net CO2 from LULUCF	4,319.39	4,140.42	3,991.45	
Total CO2 emissions excluding net CO2 from LULUCF	3,571.84	3,431.81	3,332.75	54.29
Memo Items:				
International Bunkers	498.71	559.61	620.60	
Aviation	333.88	377.26	421.93	
Marine	164.84	182.35	198.66	
Multilateral Operations	NO	NO	NO	
CO2 Emissions from Biomass	NA NO	NA NO	NA NO	0.00

*Abbreviations* : CRF = common reporting format, LULUCF = land use, land-use change and forestry.

<sup>*a*</sup> The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

<sup>b</sup> Fill in net emissions/removals as reported in CRF table Summary 1.A of the latest reported inventory year. For the purposes of reporting, the signs for removals are always negative (-) and for emissions positive (+).

# Table 1(b) Emission trends (CH<sub>4</sub>) (Sheet 1 of 3)

CRF: ISL\_CRF\_\_ v1.1

CREENHOUSE CAS SOURCE AND SDUK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	0.25	0.26	0.27	0.27	0.27	0.25	0.26	0.25	0.25
A. Fuel Combustion (Sectoral Approach)	0.22	0.23	0.24	0.24	0.24	0.22	0.23	0.20	0.20
1. Energy Industries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Manufacturing Industries and Construction	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
3. Transport	0.15	0.15	0.16	0.16	0.16	0.13	0.13	0.11	0.11
4. Other Sectors	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.07
5. Other	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Fugitive Emissions from Fuels	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.05
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.05
2. Industrial Processes	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02
A. Mineral Products	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
B. Chemical Industry	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
C. Metal Production	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02
D. Other Production									
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use									
4. Agriculture	13.07	12.70	12.42	12.42	12.47	12.01	12.18	12.10	12.36
A. Enteric Fermentation	11.61	11.27	11.04	11.05	11.11	10.67	10.83	10.75	10.97
B. Manure Management	1.45	1.43	1.38	1.37	1.36	1.33	1.36	1.34	1.39
C. Rice Cultivation	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Agricultural Soils	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
E. Prescribed Burning of Savannas	NA	NA	NA	NA	NA	NA	NA	NA	NA
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.08	0.30	0.30	0.30	0.30	0.30	0.37	0.37	0.37
A. Forest Land	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
B. Cropland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
C. Grassland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
D. Wetlands	0.08	0.30	0.30	0.30	0.30	0.30	0.37	0.37	0.37
E. Settlements	NE	NE	NE	NE	NE	NE	NE	NE	NE
F. Other Land	NE	NE	NE	NE	NE	NE	NE	NE	NE
G. Other	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
6. Waste	5.99	6.22	6.68	7.06	7.43	7.80	7.95	8.11	8.32
A. Solid Waste Disposal on Land	5.68	5.87	6.34	6.75	7.13	7.52	7.68	7.84	8.08
B. Waste-water Handling	0.07	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11
C. Waste Incineration	0.25	0.25	0.24	0.21	0.19	0.17	0.16	0.15	0.13
D. Other	NO	NO	NO	NO	NO	0.01	0.01	0.01	0.01
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CH4 emissions including CH4 from LULUCF	19.42	19.50	19.70	20.08	20.49	20.39	20.79	20.85	21.33
Total CH4 emissions excluding CH4 from LULUCF	19.34	19.20					20.42		20.96
Memo Items:									
International Bunkers	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02
Aviation	0.00	0.00			0.00		0.00		0.00
Marine	0.01	0.00		0.01	0.01		0.01		0.02
Multilateral Operations	NO	NO			NO				NO
CO2 Emissions from Biomass									

**Note:** All footnotes for this table are given on sheet 3.

# Table 1(b) Emission trends (CH<sub>4</sub>) (Sheet 2 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt									
1. Energy	0.25	0.25	0.25	0.25	0.25	0.26	0.25	0.30	0.35	0.36
A. Fuel Combustion (Sectoral Approach)	0.17	0.17	0.16	0.17	0.17	0.17	0.15	0.16	0.16	0.15
1. Energy Industries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Manufacturing Industries and Construction	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
3. Transport	0.08	0.08	0.08	0.08	0.09	0.09	0.07	0.09	0.09	0.08
4. Other Sectors	0.07	0.07	0.06	0.07	0.06	0.06	0.06	0.05	0.05	0.05
5. Other	NA, NO									
B. Fugitive Emissions from Fuels	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.14	0.19	0.21
1. Solid Fuels	NA, NO									
2. Oil and Natural Gas	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.14	0.19	0.21
2. Industrial Processes	0.03	0.04	0.04	0.05	0.04	0.05	0.05	0.05	0.05	0.04
A. Mineral Products	NE, NO									
B. Chemical Industry	NE, NO	NO	NO	NO	NO					
C. Metal Production	0.03	0.04	0.04	0.05	0.04	0.05	0.05	0.05	0.05	0.04
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6	-									
G. Other	NA									
3. Solvent and Other Product Use										
4. Agriculture	12.36	11.89	12.00	11.73	11.60	11.42	11.51	11.71	11.91	12.03
A. Enteric Fermentation	10.96	10.54	10.62	10.40	10.29	10.13	10.20	10.34	10.50	10.62
B. Manure Management	1.39	1.35	1.38	1.33	1.31	1.29	1.31	1.37	1.41	1.41
C. Rice Cultivation	NA, NO									
D. Agricultural Soils	NA, NE, NO									
E. Prescribed Burning of Savannas	NA									
F. Field Burning of Agricultural Residues	NA, NO	NA, NO					NA, NO	NA, NO		NA, NO
G. Other	NA	NA	,	,	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.43	0.39	0.39
A. Forest Land	NE, NO						NE, NO	NE, NO		NE, NO
B. Cropland	NE, NO	NE, NO					NE, NO	NE, NO		NE, NO
C. Grassland	NE, NO	NE, NO				,	NE, NO	0.00		NE, NO
D. Wetlands	0.37	0.37	,			0.37	0.37	0.43		0.39
E. Settlements	NE							NE		NE
F. Other Land	NE							NE		NE
G. Other							NA, NE, NO			
	0.54	0.70	0.07	0.04	0.01	0.54	0.07	10.04	0.00	0.55
6. Waste	8.56							10.06		9.55
A. Solid Waste Disposal on Land	8.33	8.55				9.29	9.02	9.79		9.32
B. Waste-water Handling	0.11	0.11	0.11		0.21	0.21	0.22	0.22		0.17
C. Waste Incineration	0.11	0.10					0.02	0.02		0.02
D. Other	0.01	0.01			0.01	0.01	0.02	0.03		0.04
7. Other (as specified in the summary table in CRF)	NA	NA						NA		NA
Total CH4 emissions including CH4 from LULUCF	21.57	21.34						22.55		22.37
Total CH4 emissions excluding CH4 from LULUCF	21.19	20.96	21.37	21.27	21.20	21.29	21.08	22.12	22.18	21.98
Memo Items:										
International Bunkers	0.02	0.02					0.01	0.02		0.02
Aviation	0.00							0.00		0.00
Marine	0.02	0.02		0.02		0.02	0.01	0.01	0.02	0.02
Multilateral Operations	NO									
CO2 Emissions from Biomass										

**Note:** All footnotes for this table are given on sheet 3.

### Table 1(b) Emission trends (CH<sub>4</sub>) (Sheet 3 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	0.38	0.33	0.29	13.75
A. Fuel Combustion (Sectoral Approach)	0.15	0.14	0.13	-41.86
1. Energy Industries	0.00	0.00	0.00	432.51
2. Manufacturing Industries and Construction	0.01	0.01	0.01	-42.69
3. Transport	0.08	0.08	0.07	-50.26
4. Other Sectors	0.06	0.05	0.05	-24.83
5. Other	NA, NO	NA, NO	NA, NO	0.00
B. Fugitive Emissions from Fuels	0.23	0.20	0.16	395.04
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	0.23	0.20	0.16	395.04
2. Industrial Processes	0.04	0.04	0.04	42.84
A. Mineral Products	NE, NO	NE, NO	NE, NO	0.00
B. Chemical Industry	NO	NO	NO	0.00
C. Metal Production	0.04	0.04	0.04	42.84
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use				
4. Agriculture	12.16	12.25	12.23	-6.39
A. Enteric Fermentation	10.75	10.84	10.81	-6.94
B. Manure Management	1.42	1.41	1.42	-1.93
C. Rice Cultivation	NA, NO	NA, NO	NA, NO	0.00
D. Agricultural Soils	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
E. Prescribed Burning of Savannas	NA	NA	NA	0.00
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	0.00
G. Other	NA	NA	NA	0.00
5. Land Use, Land-Use Change and Forestry	0.40	0.40	0.40	420.67
A. Forest Land	NE, NO	NE, NO	NE, NO	0.00
B. Cropland	NE, NO	NE, NO	NE, NO	0.00
C. Grassland	NE, NO	NE, NO	NE, NO	0.00
D. Wetlands	0.40	0.40	0.40	420.67
E. Settlements	NE	NE	NE	0.00
F. Other Land	NE	NE	NE	0.00
G. Other	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
6. Waste	9.26	9.26	8.60	43.44
A. Solid Waste Disposal on Land	9.03	9.01	8.36	
B. Waste-water Handling	0.17		0.17	
C. Waste Incineration	0.02	0.01	0.01	-94.43
D. Other	0.05	0.06	0.06	
7. Other (as specified in the summary table in CRF)	NA			
Total CH4 emissions including CH4 from LULUCF	22.25			
Total CH4 emissions excluding CH4 from LULUCF	21.85		21.16	
Memo Items:				
International Bunkers	0.02	0.02	0.02	95.85
Aviation	0.00			
Marine	0.02			
Multilateral Operations	NO			
CO2 Emissions from Biomass		110		0.00

Abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and fores

<sup>*a*</sup> The column "Base year" should be filled in only by those Parties with economies in transition

that use a base year different from 1990 in accordance with the relevant decisions of the

Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

Table 1(c)
Emission trends (N <sub>2</sub> O)
(Sheet 1 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	0.09	0.08	0.08	0.09	0.09	0.12	0.12	0.16	0.16
A. Fuel Combustion (Sectoral Approach)	0.09	0.08	0.08	0.09	0.09	0.12	0.12	0.16	0.16
1. Energy Industries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Manufacturing Industries and Construction	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3. Transport	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.06	0.06
4. Other Sectors	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5. Other	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Fugitive Emissions from Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Industrial Processes	0.16	0.15	0.14	0.14	0.14	0.14	0.16	0.13	0.12
A. Mineral Products	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
B. Chemical Industry	0.16	0.15	0.14	0.14	0.14	0.14	0.16	0.13	0.12
C. Metal Production	NA	NA	NA	NA	NA	NA	NA	NA	NA
D. Other Production									
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02
4. Agriculture	1.39	1.34	1.26	1.28	1.30	1.24	1.29	1.27	1.29
A. Enteric Fermentation									
B. Manure Management	0.17	0.16	0.14	0.14	0.14	0.13	0.14	0.14	0.14
C. Rice Cultivation									
D. Agricultural Soils	1.23	1.18	1.12	1.14	1.16	1.11	1.15	1.14	1.15
E. Prescribed Burning of Savannas	NA		NA	NA		NA	NA		
F. Field Burning of Agricultural Residues	NA, NO		NA, NO	NA, NO		NA, NO	NA, NO	NA, NO	
G. Other	NA		NA	NA		NA	NA	NA	
5. Land Use, Land-Use Change and Forestry	0.22		0.22	0.22		0.23	0.23	0.23	0.23
A. Forest Land	0.00		0.00	0.22		0.00	0.00		
B. Cropland					IE, NA, NE,				
D. Crophind	NO		NO	NO		NO	NO	NO	
C. Grassland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
D. Wetlands	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
E. Settlements	NE	NE	NE	NE	NE	NE	NE	NE	NE
F. Other Land	NE	NE	NE	NE	NE	NE	NE	NE	NE
G. Other	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23
6. Waste	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
C. Waste Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Other	NO	NO	NO	NO	NO	0.00	0.00	0.00	0.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total N2O emissions including N2O from LULUCF	1.90	1.84	1.74	1.78	1.80	1.77	1.83	1.83	1.84
Total N2O emissions excluding N2O from LULUCF	1.68		1.52	1.55		1.54	1.61	1.60	
Memo Items:									
International Bunkers	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Aviation	0.01	0.01	0.01	0.01		0.01	0.01	0.01	0.01
Marine	0.00			0.00					
Multilateral Operations	NO			NO					
CO2 Emissions from Biomass		1.0	1.0	1.0	1.0	1,0	1.0	1.0	1.0

**Note:** All footnotes for this table are given on sheet 3.

# Table 1(c) Emission trends (N<sub>2</sub>O) (Sheet 2 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt									
1. Energy	0.20	0.20	0.19	0.19	0.19	0.21	0.23	0.23		0.22
A. Fuel Combustion (Sectoral Approach)	0.20	0.20	0.19	0.19	0.19	0.21	0.23	0.23	0.23	0.22
1. Energy Industries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Manufacturing Industries and Construction	0.08	0.08	0.08	0.08	0.07	0.08	0.09	0.08	0.08	0.08
3. Transport	0.10	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.13	0.13
4. Other Sectors	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01
5. Other	NA, NO									
B. Fugitive Emissions from Fuels	NA, NO									
1. Solid Fuels	NA, NO									
2. Oil and Natural Gas	NA, NO									
2. Industrial Processes	0.12	0.06	0.05	NA, NE, NO						
A. Mineral Products	NE, NO									
B. Chemical Industry	0.12	0.06	0.05	NE, NO	NE, NO	NE, NO	NO	NO	NO	NO
C. Metal Production	NA									
D. Other Production										
E. Production of Halocarbons and SF6	-									
F. Consumption of Halocarbons and SF6										
G. Other	NA									
3. Solvent and Other Product Use	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4. Agriculture	1.33	1.30	1.29	1.24	1.20	1.18	1.18	1.27	1.32	1.37
A. Enteric Fermentation										
B. Manure Management	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.13
C. Rice Cultivation										
D. Agricultural Soils	1.18	1.16	1.15	1.10	1.07	1.05	1.05	1.13	1.18	1.23
E. Prescribed Burning of Savannas	NA									
F. Field Burning of Agricultural Residues	NA, NO									
G. Other	NA									
5. Land Use, Land-Use Change and Forestry	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25
A. Forest Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B. Cropland	IE, NA, NE,									
	NO	NO	NO		NO	NO	NO	NO		
C. Grassland	NE, NO	NE, NO	NE, NO		NE, NO	NE, NO	NE, NO	0.00		
D. Wetlands	NA, NO	NA, NE, NO	0.00	NA, NE, NO	NA, NE, NO					
E. Settlements	NE									
F. Other Land	NE									
G. Other	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25
6. Waste	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
C. Waste Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Other (as specified in the summary table in CRF)	NA									
Total N2O emissions including N2O from LULUCF	1.91	1.83	1.81	1.70	1.67	1.66	1.69	1.78	1.84	1.88
Total N2O emissions excluding N2O from LULUCF	1.68	1.60	1.57	1.47	1.43	1.42	1.45	1.53	1.59	1.63
Memo Items:										
International Bunkers	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.02
Aviation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01
Marine	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01

# CO2 Emissions from Biomass

Note: All footnotes for this table are given on sheet 3.

# Table 1(c) Emission trends (N<sub>2</sub>O) (Sheet 3 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	0.20		0.17	91.93
A. Fuel Combustion (Sectoral Approach)	0.20		0.17	91.93
1. Energy Industries	0.00			539.39
2. Manufacturing Industries and Construction	0.05			-28.47
3. Transport	0.13			573.27
4. Other Sectors	0.02		0.01	-24.57
5. Other	NA, NO			
B. Fugitive Emissions from Fuels	NA, NO			
1. Solid Fuels	NA, NO			
2. Oil and Natural Gas	NA, NO	,		0.00
2. Industrial Processes	NA, NE, NO	NA, NE, NO	NA, NE, NO	-100.00
A. Mineral Products	NE, NO	NE, NO	NE, NO	0.00
B. Chemical Industry	NO	NO	NO	-100.00
C. Metal Production	NA	NA	NA	0.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	0.01	0.01	0.01	-41.83
4. Agriculture	1.28	1.24	1.24	-11.17
A. Enteric Fermentation				
B. Manure Management	0.14	0.14	0.14	-15.72
C. Rice Cultivation				
D. Agricultural Soils	1.14	1.11	1.10	-10.54
E. Prescribed Burning of Savannas	NA	NA	NA	0.00
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	0.00
G. Other	NA	NA	NA	0.00
5. Land Use, Land-Use Change and Forestry	0.25	0.25	0.26	15.04
A. Forest Land	0.00	0.00	0.00	294.55
B. Cropland	IE, NA, NE, NO		IE, NA, NE, NO	0.00
C. Grassland	NO NE, NO			
D. Wetlands			NA, NE, NO	
E. Settlements	NE	NE	NE	0.00
F. Other Land	NE		NE	
G. Other	0.25		0.25	13.78
6. Waste	0.03			25.91
A. Solid Waste Disposal on Land		0100	0100	20171
B. Waste-water Handling	0.03	0.03	0.03	28.16
C. Waste Incineration	0.00			
D. Other	0.00			
7. Other (as specified in the summary table in CRF)	NA			0.00
Total N2O emissions including N2O from LULUCF	1.77		1.70	
Total N2O emissions excluding N2O from LULUCF	1.51	1.46		-13.91
Memo Items:	1.51	1.70	1.+3	13.71
International Bunkers	0.01	0.02	0.02	93.41
Aviation	0.01	0.02	0.02	92.07
Marine	0.00			92.07
Multilateral Operations	N0			
CO2 Emissions from Biomass				

*Abbreviations* : CRF = common reporting format, LULUCF = land use, land-use change and fc

<sup>*a*</sup> The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

# Table 1(d) Emission trends (HFCs, PFCs and SF<sub>6</sub>) (Sheet 1 of 3)

#### CRF: ISL\_CRF\_\_ v1.1

	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
Emissions of HFCsc - (kt CO2 eq)	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.67	1.41	8.51	15.31	23.72	35.72
HFC-23	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-32	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO 1	NA, NE, NO
HFC-41	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-43-10mee	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-125	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	0.00	0.00	0.00	0.01
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	0.00	0.00	0.00	0.00	0.00
HFC-152a	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	0.00	0.00	0.00	0.00
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	0.00	0.00	0.00
HFC-227ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-236fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of listed HFCsd - (kt CO <sub>2</sub> eq)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCsc - (kt CO2 eq)	419.63	348.34	155.28	74.86	44.57	58.84	25.15	82.36	180.13
CF <sub>4</sub>	0.05	0.05	0.02	0.01	0.01	0.01	0.00	0.01	0.02
$C_2F_6$	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C 3F8	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
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
c-C <sub>4</sub> F <sub>8</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
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
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
Unspecified mix of listed PFCs(4) - (Gg CO <sub>2</sub> equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF6(3) - (Gg CO2 equivalent)	1.15	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Note:** All footnotes for this table are given on sheet 3.

# Table 1(d) Emission trends (HFCs, PFCs and SF<sub>6</sub>) (Sheet 2 of 3)

CRF: ISL\_CRF\_\_ v1.1

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt									
Emissions of HFCsc - (kt CO2 eq)	40.45	35.78	40.27	38.10	47.19	50.19	58.42	58.76	61.98	70.64
HFC-23	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-41	NA, NO									
HFC-43-10mee	NA, NO									
HFC-125	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
HFC-134	NA, NO									
HFC-134a	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
HFC-152a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-143	NA, NO									
HFC-143a	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
HFC-227ea	NA, NO	0.00	0.00	0.00	0.00	0.00				
HFC-236fa	NA, NO									
HFC-245ca	NA, NO									
Unspecified mix of listed HFCsd - (kt CO <sub>2</sub> eq)	NA, NO									
Emissions of PFCsc - (kt CO2 eq)	173.21	127.16	91.66	72.54	59.79	38.58	26.10	333.22	281.13	349.00
CF <sub>4</sub>	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.04	0.04	0.05
C <sub>2</sub> F <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
C 3F8	NA, NO									
$C_4F_{10}$	NA, NO									
c-C <sub>4</sub> F <sub>8</sub>	NA, NO									
C <sub>5</sub> F <sub>12</sub>	NA, NO									
C <sub>6</sub> F <sub>14</sub>	NA, NO									
Unspecified mix of listed PFCs(4) - (Gg CO <sub>2</sub> equivalent)	NA, NO									
Emissions of SF6(3) - (Gg CO2 equivalent)	1.30	1.37	1.37	1.37	1.37	1.38	2.64	2.64	3.00	3.15
SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: All footnotes for this table are given on sheet 3.

#### Table 1(d) Emission trends (HFCs, PFCs and SF<sub>6</sub>) (Sheet 3 of 3)

#### ISL\_BR1\_v1.0

#### CRF: ISL\_CRF\_\_ v1.1

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
Emissions of HFCsc - (kt CO2 eq)	95.01	122.54	121.35	100.00
HFC-23	0.00	0.00	0.00	100.00
HFC-32	0.00	0.00	0.00	100.00
HFC-41	NA, NO	NA, NO	NA, NO	0.00
HFC-43-10mee	NA, NO	NA, NO	NA, NO	0.00
HFC-125	0.01	0.02	0.02	100.00
HFC-134	NA, NO	NA, NO	NA, NO	0.00
HFC-134a	0.01	0.02	0.01	100.00
HFC-152a	0.00	0.00	0.00	100.00
HFC-143	NA, NO	NA, NO	NA, NO	0.00
HFC-143a	0.01	0.02	0.02	100.00
HFC-227ea	0.00	0.00	0.00	100.00
HFC-236fa	NA, NO	NA, NO	NA, NO	0.00
HFC-245ca	NA, NO	NA, NO	NA, NO	0.00
Unspecified mix of listed HFCsd - (kt CO <sub>2</sub> eq)	NA, NO	NA, NO	NA, NO	0.00
Emissions of PFCsc - (kt CO2 eq)	152.75	145.63	63.22	-84.93
CF <sub>4</sub>	0.02	0.02	0.01	-84.94
C <sub>2</sub> F <sub>6</sub>	0.00	0.00	0.00	-84.93
C 3F8	0.00	0.00	0.00	100.00
C <sub>4</sub> F <sub>10</sub>	NA, NO	NA, NO	NA, NO	0.00
c-C <sub>4</sub> F <sub>8</sub>	NA, NO	NA, NO	NA, NO	0.00
C <sub>5</sub> F <sub>12</sub>	NA, NO	NA, NO	NA, NO	0.00
C <sub>6</sub> F <sub>14</sub>	NA, NO	NA, NO	NA, NO	0.00
Unspecified mix of listed PFCs(4) - (Gg CO <sub>2</sub> equivalent)	NA, NO	NA, NO	NA, NO	0.00
Emissions of SF6(3) - (Gg CO2 equivalent)	3.17	4.89	3.13	172.33
SF <sub>6</sub>	0.00	0.00	0.00	172.33

*Abbreviations* : CRF = common reporting format, LULUCF = land use, land-use change and forestry.

<sup>*a*</sup> The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

<sup>c</sup>Enter actual emissions estimates. If only potential emissions estimates are available, these should be reported in this table and an indication for this be provided in the documentation box. Only in these rows are the emissions expressed as CO2 equivalent emissions.

<sup>d</sup>In accordance with the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories", HFC and PFC emissions should be reported for each relevant chemical. However, if it is not possible to report values for each chemical (i.e. mixtures, confidential data, lack of disaggregation), this row could be used for reporting aggregate figures for HFCs and PFCs, respectively. Note that the unit used for this row is kt of CO2 equivalent and that appropriate notation keys should be entered in the cells for the individual chemicals.)

#### Table 2(a)

#### ISL\_BR1\_v1.0

#### Description of quantified economy-wide emission reduction target: base year<sup>a</sup>

Party	Iceland	
Base year /base period	1990	
Emission reduction target	% of base year/base period	% of 1990 <sup>b</sup>
	20.00	20.00
Period for reaching target	BY-2020	

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> Optional.

# Table 2(b)ISL\_BR1\_v1.0Description of quantified economy-wide emission reduction target: gasesand sectors covered $^a$

Ga	ises 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>		To be determined			
Other Gases (specify)	)				
Sectors covered <sup>b</sup>	Energy	Yes			
Other Gases (specify)	Transport <sup>f</sup>	Yes			
	Industrial processes <sup>g</sup>	Yes			
	Agriculture	Yes			
	LULUCF	Yes			
	Waste	Yes			
	Other Sectors (specify)				

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

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> More than one selection will be allowed. If Parties use sectors other than those indicated above, the explanation of how these sectors relate to the sectors defined by the IPCC should be provided.

<sup>*f*</sup> Transport is reported as a subsector of the energy sector.

<sup>g</sup> Industrial processes refer to the industrial processes and solvent and other product use sectors.

# Table 2(c)ISL\_BR1\_v1.0Description of quantified economy-wide emission reduction target: globalwarming potential values $(GWP)^a$

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

#### *Abbreviations* : GWP = global warming potential

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> Please specify the reference for the GWP: Second Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) or the Fourth Assessment Report of the IPCC.

#### Table 2(d)

#### ISL\_BR1\_v1.0

Description of quantified economy-wide emission reduction target: approach to counting emissions and removals from the LULUCF sector<sup>*a*</sup>

Role of LULUCF	LULUCF in base year level and target	Excluded
	Contribution of LULUCF is calculated using	Activity-based approach

*Abbreviation* : LULUCF = land use, land-use change and forestry.

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

#### Table 2(e)I

# Description of quantified economy-wide emission reduction target: market-based mechanisms under the Convention<sup>*a*</sup>

Market-based mechanisms	Possible scale of contributions
under the Convention	(estimated kt $CO_2$ eq)
CERs	
ERUs	
AAUs <sup>i</sup>	
Carry-over units <sup>j</sup>	
Other mechanism units under the Convention (specify) <sup>d</sup>	

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

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

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

<sup>*i*</sup> AAUs issued to or purchased by a Party.

<sup>*j*</sup> 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 1/CMP.8.

#### Table 2(e)II

#### Description of quantified economy-wide emission reduction target: other market-based mechanisms<sup>a</sup>

Other market-based mechanisms	Possible scale of contributions
(Specify)	(estimated kt CO $_2$ eq)

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

#### Description of quantified economy-wide emission reduction target: any other information<sup>*a,b*</sup>

The QELRC for Iceland for a second commitment period under the Kyoto Protocol is based on the understanding that it will be fulfilled jointly with the European Union and its member States, in accordance with Article 4 of the Kyoto Protocol.

GWP values from the 4th AR will be used in calculating compliance with quantified emission wide reduction target. The GHG projection produced for the NC6 and BR1, however, still uses GWP values from the 2nd AR in order to provide comparability with the GHG inventory submitted to the UNFCCC.

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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 This information could include information on the domestic legal status of the target or the total assigned amount of emission units for the period for reaching a target. Some of this information is presented in the narrative part of the biennial report.

### Table 3

# Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

Name of mitigation action <sup>a</sup>	Sector(s) affected <sup>b</sup>	GHG(s) affected	Objective and/or activity affected	<i>Type of</i> <i>instrument</i> <sup>c</sup>	Status of implementation <sup>d</sup>	Brief description <sup>e</sup>	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO <sub>2</sub> eq)
Carbon tax	Transport, Energy	CO <sub>2</sub>	Reduce emissions from fossil fuels	Fiscal	Implemented	Tax on liquid and gaseous fossil fuels	2010	Ministry of Finance and Economic Affairs	75.0
Grants for geothermal exploration in cold areas	Energy	CO <sub>2</sub>	Reduced emissions from fossil fuels	Economic	Implemented	Grants for geothermal exploration in cold areas based on Act No. 78/2002	2002	National Energy Authority	N
Excise duty on vehicles based on CO2 emissions	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	The excise duty varies from 0% to 60% depending on CO2 emissions.	2011	Ministry of Finance and Economic Affairs	60.0
Biannual fee on vehicles based on CO2 emissions	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	Basic fee with additional fee for higher emission levels or weight depending on weight class	2011	Ministry of Finance and Economic Affairs	П
No VAT on zero- emission vehicles with a cap	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	Electric, hydrogen and hybrid vehicles are exempted from VAT up to a certain maximum limit.	2012	Ministry of Finance and Economic Affairs	Π
Exemption from excise duty and carbon tax for CO2 neutral fuels	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	Non-fossil fuels are not subject to excise duty or carbon tax	2011	Ministry of Finance and Economic Affairs	П
Reduced excise duty and semiannual car tax on methane vehicles	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	Methane vehicles get a discount from levied excise duty and pay only minimum semiannual car tax	2011	Ministry of Finance and Economic Affairs	п
Increased public transportation and cycling	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	The Icelandic Road and Coastal Administration suports public transportation and construction of bike and walking paths	2012	Ministry of the Interior, municipalities	30.0
Parking benefits for low emission vehicles	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	Vehicles emitting less than 120 g CO2/km and weighing less than 1600 kg are eligible for free 90 min parking in Reykjavik	2007	City of Reykjavik	Π
Low-emission vehicles in public procurement	Transport	CO <sub>2</sub>	Reduce emissions from transport	Fiscal	Implemented	Low emitting vehicles are favored in procurement for ministries and the city of Reykjavik	2011	Ministries and the City of Reykjavik	Π
EU emission trading scheme	Transport	CO <sub>2</sub>	Reduce emissions from aviation	Economic	Implemented	Tradable emission allowances for flights within the EEA-area.	2012	Environment Agency of Iceland	125.0
Renewables in transport fuel	Transport	CO <sub>2</sub>	Reduce fossil carbon in transport fuels	Regulatory	Implemented	Requirement of a minimum percentage of renewables in fuel used for land transport	2014	National Energy Authority	N
EU emission trading scheme	Industry/industria l processes	CO <sub>2</sub> , PFCs	Reduce emissions from industry	Economic	Implemented	Cap set on emissions from certain installations. The cap is reduced over time. An EEA wide market with emission permits.	2013	Environment Agency of Iceland	П
Landfill policy	Waste management/wast e	CH <sub>4</sub>	Reduced organic waste in landfills	Regulatory	Implemented	The share of organic waste shall have been reduced to 75% of total waste in 2009, 50% in 2013 and 35% in 2020, with 2005 as a reference year	2009	Environment Agency of Iceland	N
Landfill policy	Waste management/wast e	$CH_4$	Collection of landfill gas	Regulatory	Implemented	-	2003	Environment Agency of Iceland	N

# Table 3 Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

Name of mitigation action <sup>a</sup>	Sector(s) affected <sup>b</sup>	GHG(s) affected	Objective and/or activity affected	<i>Type of</i> instrument <sup>c</sup>	Status of implementation <sup>d</sup>	Brief description <sup>e</sup>	Start year of implementation	Implementing entity or entities	Estimate of mitiga cumulative, ir	
Shift from heavy oil to electricity in fishmeal production	Industry/industria l processes	CO <sub>2</sub>	Reduce emissions from fossil fuels	Voluntary Agreement	· ·	Conversion from oil based production to electricity based	2000	Industry		37.50

*Note* : The two final columns specify the year identified by the Party for estimating impacts (based on the status of the measure and whether an ex post or ex ante estimation is available).

*Abbreviations* : GHG = greenhouse gas; LULUCF = land use, land-use change and forestry.

<sup>a</sup> Parties should use an asterisk (\*) to indicate that a mitigation action is included in the 'with measures' projection.

<sup>b</sup> To the extent possible, the following sectors should be used: energy, transport, industry/industrial processes, agriculture, forestry/LULUCF, waste management/waste, other sectors, cross-cutting, as appropriate.

<sup>c</sup> To the extent possible, the following types of instrument should be used: economic, fiscal, voluntary agreement, regulatory, information, education, research, other.

<sup>d</sup> To the extent possible, the following descriptive terms should be used to report on the status of implementation: implemented, adopted, planned.

 $^{e}$  Additional information may be provided on the cost of the mitigation actions and the relevant timescale.

<sup>*f*</sup> Optional year or years deemed relevant by the Party.

**Custom Footnotes** 

Carbon tax is estimated to result in 50-100 kt CO<sub>2</sub> mitigatioon by 2020. The mean value of this range is given here.

Excise duty on vehicles based on CO2 emissions is estimated to have a mitigation impact of 20 - 100 kt CO2 by 2020 in combination with all other actions regarding changes in taxes on vehicles and fuels. The mean of this range is given here. The mitigation impacts of these other actions are therefore provided with the notation key IE.

Increased public transport and cycling is estimated to have an mitigation impact of 20 - 40 kt CO<sub>2</sub> by 2020. The mean of this range is given here.

The EU emission trading scheme is estimated to have a mitigation impact of 100 -150 kt CO<sub>2</sub> by 2020. the mean of this range is given here. The value refers to both aviation and&nbsp;installations.

Shift from heavy oil to electricity in fishmeal production is estimated to result in 25 - 50 kt CO<sub>2</sub> mitigation. The mean of this range is given here.

# Table 4Reporting on progress

	Total emissions excluding LULUCF	Contribution from LULUCF <sup>d</sup>	Quantity of units from market based mechanisms under the Convention		Quantity of units from other market ba mechanisms	
Year <sup>c</sup>	$(kt \ CO_2 \ eq)$	$(kt \ CO_2 \ eq)$	(number of units)	$(kt \ CO_2 \ eq)$	(number of units)	$(kt \ CO_2 \ eq)$
(1990)	3,507.99	1,171.40				
2010	4,618.01	795.80				
2011	4,413.25	746.28				
2012	NE	NE				

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

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> For the base year, information reported on the emission reduction target shall include the following: (a) total GHG emissions, excluding emissions and removals from the LULUCF sector; (b) emissions and/or removals from the LULUCF sector 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; (c) total GHG emissions, including emissions and removals from the LULUCF sector. For each reported year, information reported on progress made towards the emission reduction targets shall include, in addition to the information noted in paragraphs 9(a--c) of the UNFCCC biennial reporting guidelines for developed country Parties, information on the use of units from market-based mechanisms.

<sup>c</sup> Parties may add additional rows for years other than those specified below.

d Information in this column should be consistent with the information reported in table 4(a)I or 4(a)II, as appropriate. The Parties for which all relevant information on the LULUCF contribution is reported in table 1 of this common tabular format can refer to table 1.

#### Table 4(a)I

Progress in achieving the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the contribution of the land use, land-use change and forestry sector in 2011 <sup>a,b</sup>

	Net GHG emissions/removals from LULUCF categories <sup>c</sup>	Base year/period or reference level value <sup>d</sup>	Contribution from LULUCF for reported year	Cumulative contribution from LULUCF <sup>e</sup>	Accounting approach <sup>f</sup>
		$(kt CO_2 eq$	()		
otal LULUCF					
A. Forest land					
A. Forest land					
1. Forest land remaining forest land					
1. Forest fand femaning forest fand					
2. Land converted to forest land					
2. Land converted to forest fand					
3. Other <sup>g</sup>					
5. Other					
B Cropland					
D. Crophild					
1 Cropland remaining cropland					
1. croptand remaining croptand					
2. Land converted to cropland					
2. Land converted to crophind					•
2 Other B					
5. Other <sup>a</sup>					
C. Grassland					
C. Grassiand					
1 Grassland remaining grassland					
1. Grassiand remaining grassiand	emissions/removals from Base year/period or LULUCF for				
2 Land converted to grassland		Base year/period or efforted year       contribution from LULUCF s       Accountin approach         (kt CO 2 eq)       Activity-based approach       Activity-based approach			
2. Land converted to grassiand					approach         approach         Activity-based         approach         <
2.0.1 8					
3. Other °					Activity-basedapproach
D Wetlands					
D. Wettands					
1 Wetland remaining wetland					Activity-based
1. Wettand remaining wettand					
2 Land converted to wetland					
2. Land converted to wettand					
2 Other <sup>g</sup>					
3. Other <sup>o</sup>					
F. Settlements					
E. Settlements					
1 Settlements remaining settlements					
1. Settlements remaining settlements					
2 Land converted to settlements					Activity-based
2. Land converted to settlements					approachActivity-based
2 Other <sup>g</sup>					
5. Other <sup>a</sup>					
F Other land					
1 Other land remaining other land					
1. Outer land remaining outer land					
2 Land converted to other land					
B. Cropland       Image: additional system of the system of					
2 Others <sup>g</sup>					
5. Ouler					
Harvested wood products					
marvested wood products					

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

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> Parties that use the LULUCF approach that is based on table 1 do not need to complete this table, but should indicate the approach in table 2. Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

<sup>c</sup> For each category, enter the net emissions or removals reported in the most recent inventory submission for the corresponding inventory year. If a category differs from that used for the

reporting under the Convention or its Kyoto Protocol, explain in the biennial report how the value was derived.

<sup>d</sup> Enter one reference level or base year/period value for each category. Explain in the biennial report how these values have been calculated.

<sup>*e*</sup> If applicable to the accounting approach chosen. Explain in this biennial report to which years or period the cumulative contribution refers to.

<sup>*f*</sup> Label each accounting approach and indicate where additional information is provided within this biennial report explaining how it was implemented, including all relevant accounting parameters (i.e. natural disturbances, caps).

<sup>g</sup> Specify what was used for the category "other". Explain in this biennial report how each was defined and how it relates to the categories used for reporting under the Convention or its Kyoto Protocol.

#### Table 4(a)I

Progress in achieving the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the contribution of the land use, land-use change and forestry sector in 2012 <sup>a, b</sup>

	Net GHG emissions/removals from LULUCF categories <sup>c</sup>	Base year/period or reference level value <sup>d</sup>	Contribution from LULUCF for reported year	Cumulative contribution from LULUCF <sup>e</sup>	Accounting approach <sup>f</sup>
		(kt CO <sub>2</sub> eq	()		
otal LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other <sup>g</sup>					
B. Cropland					
1. Cropland remaining cropland					
					approach
2. Land converted to cropland					Activity-based
					approach
3. Other <sup>g</sup>					Activity-based
					approach
C. Grassland					
1. Grassland remaining grassland					
		Base year/period or reported year LULUCF for reported year (kt CO 2 eq) (kt CO 2 eq) Activity-base approach Activity-base approach Act			
2. Land converted to grassland				Activity-based approachAccounting approachActivity-based approachActivity-	
					approachapproachActivity-basedapproachActivi
3. Other <sup>g</sup> Image: C. Grassland         C. Grassland remaining grassland       Image: C. Grassland remaining grassland         1. Grassland remaining grassland       Image: C. Grassland         2. Land converted to grassland       Image: C. Grassland         3. Other <sup>g</sup> Image: C. Grassland         1. Wetlands       Image: C. Grassland         2. Land converted to wetland       Image: C. Grassland         3. Other <sup>g</sup> Image: C. Grassland					
5. Oulei				approachActivity-based	
D Wetlands					
D. Weddinds					
1 Wetland remaining wetland					
1. Wettand remaining wettand					
2 Land converted to wetland					
2. Land converted to wettand					
3. Other <sup>®</sup>					
E Sattlemente					
E. Settlements					
					approach
1. Settlements remaining settlements					
2. Lond converted to cottlements					approach
2. Land converted to settlements					
3. Other <sup>®</sup>					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
C. Grassland          1. Grassland remaining grassland         2. Land converted to grassland         3. Other <sup>g</sup> D. Wetlands         1. Wetland remaining wetland					
3. Other <sup>g</sup>					
Harvested wood products					
					approach

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

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> Parties that use the LULUCF approach that is based on table 1 do not need to complete this table, but should indicate the approach in table 2. Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

<sup>c</sup> For each category, enter the net emissions or removals reported in the most recent inventory submission for the corresponding inventory year. If a category differs from that used for the

reporting under the Convention or its Kyoto Protocol, explain in the biennial report how the value was derived.

<sup>d</sup> Enter one reference level or base year/period value for each category. Explain in the biennial report how these values have been calculated.

<sup>*e*</sup> If applicable to the accounting approach chosen. Explain in this biennial report to which years or period the cumulative contribution refers to.

<sup>*f*</sup> Label each accounting approach and indicate where additional information is provided within this biennial report explaining how it was implemented, including all relevant accounting parameters (i.e. natural disturbances, caps).

<sup>g</sup> Specify what was used for the category "other". Explain in this biennial report how each was defined and how it relates to the categories used for reporting under the Convention or its Kyoto Protocol.

#### 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 <sup>d</sup>	Net emissions/removals <sup>e</sup>						
		2008	2009	2010	2011	Total <sup>g</sup>		
	(kt CO <sub>2</sub> eq)							
A. Article 3.3 activities								
A.1. Afforestation and Reforestation								
A.1.1. Units of land not harvested since the beginning of the commitment periodj		-103.24	-115.64	-135.65	-162.80	-517.33		
A.1.2. Units of land harvested since the beginning of the commitment periodj								
A.2. Deforestation		0.08	0.08	0.08	0.46	0.69		
B. Article 3.4 activities								
B.1. Forest Management (if elected)		NA	NA	NA	NA	NA		
3.3 offset <sup>k</sup>								
FM cap <sup>1</sup>								
B.2. Cropland Management (if elected)	NA	NA	NA	NA	NA	NA		
B.3. Grazing Land Management (if elected)	NA	NA	NA	NA	NA	NA		
B.4. Revegetation (if elected)	-349.1198	-501.53	-508.71	-515.98	-523.45	-2,049.67	-12	

*Note:* 1 kt  $CO_2$  eq equals 1 Gg  $CO_2$  eq.

Abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and forestry.

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

<sup>b</sup> 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.

<sup>c</sup> 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

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

<sup>e</sup> 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.

<sup>*f*</sup> Additional columns for relevant years should be added, if applicable.

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

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

<sup>*i*</sup> 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.

<sup>*j*</sup> 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.

<sup>k</sup> 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 megatonnes 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.

<sup>1</sup> 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.

**Custom Footnotes** 

Documentation Box:

Sour

ISL_BR1_	_v1.0
rce: ISL_CRF	v1.1

accounting arameters <sup>h</sup>	Accounting quantity <sup>i</sup>
	-517.33
	-517.33
	NA
	0.69435
	NA
0	NA
0	NA
NA	NA
NA	NA
-1396.4792	-653.19389

# Table 4(b) **Reporting on progress<sup>a, b, c</sup>**

	Unite of market hand mochanisms		Ye	ear
	Units of market based mechanisms		2011	2012
	Kunda Durada and angla	(number of units)		
	Kyoto Protocol units	$(kt CO_2 eq)$		
		(number of units)		
	AAUs	(kt CO2 eq)		
		(number of units)		
Kyoto Protocol	ERUs	(kt CO2 eq)		
units <sup>d</sup>		(number of units)		
mus	CERs	(kt CO2 eq)		
	tCERs	(number of units)		
		(kt CO2 eq)		
		(number of units)		
	lCERs	(kt CO2 eq)		
	Units from market-based mechanisms under the	(number of units)		
	Convention	$(kt \ CO_2 \ eq)$		
Other units				
d,e		(number of units)		
	Units from other market-based mechanisms	$(kt CO_2 eq)$		
		(number of units)		
Total		$(kt CO_2 eq)$		

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, tCERs = temporary certified emission reductions. Note: 2011 is the latest reporting year.

<sup>*a*</sup> Reporting by a developed country Party on the information specified in the common tabular format does not prejudge 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.

 $^{b}$  For each reported year, information reported on progress made towards the emission reduction target shall include, in addition to the information noted in paragraphs 9(a-c) of the reporting guidelines, on the use of units from market-based mechanisms.

<sup>c</sup> Parties may include this information, as appropriate and if relevant to their target.

<sup>d</sup> Units surrendered by that Party for that year that have not been previously surrendered by that or any other Party.

<sup>e</sup> Additional rows for each market-based mechanism should be added, if applicable.

#### Table 5

### Summary of key variables and assumptions used in the projections analysis<sup>a</sup>

Key underlying assum	ptions			Historie	cal <sup>b</sup>				Projec	cted	
Assumption	Unit	1990	1995	2000	2005	2010	2011	2015	2020	2025	2030
GDP growth rate	%	0.58	0.76	2.64	8.07	1.56	4.67	3.00	2.70	2.60	2.30
Population	thousands	255.87	267.96	283.36	299.89	318.45	319.58	331.37	348.39	363.99	377.92
Population growth	%	0.82	0.37	1.55	2.15	0.26	0.35	1.01	0.96	0.83	0.71
International oil price	USD / boe	33.00	25.00	33.00	40.00	79.00	90.00	105.00	127.00	133.00	139.00
Gross domestic oil consumption	РЈ	15.60	16.70	16.40	15.10	11.00	10.10	9.70	10.10	11.80	12.50
Gross electricity production, oil	GWh	6.00	8.00	4.00	8.00	2.00	2.00	4.00	4.00	4.00	4.00
Gross electricity production, hydropower	GWh	4,159.00	4,677.00	6,350.00	7,015.00	12,592.00	12,507.00	13,451.00	13,451.00	13,793.00	14,112.00
Gross electricity production, geothermal	GWh	283.00	290.00	1,323.00	1,658.00	4,465.00	4,701.00	5,250.00	5,800.00	6,000.00	6,100.00
Gross electricity production, other	GWh							5.00	10.00	15.00	20.00
Aluminium production	kt	87.84	100.20	226.36	272.49	818.86	806.32	854.52	865.00	865.00	865.00
Ferrosilicon production	kt	62.79	71.41	108.40	110.96	102.21	105.19	109.17	109.17	109.17	109.17
Dairy cattle	thousands	32.25	30.43	27.07	24.54	25.71	25.66	23.85	24.18	24.78	25.31
Other cattle	thousands	42.65	42.77	45.07	41.44	48.07	47.11	44.94	45.24	45.53	45.83
Sheep	thousands	862.32	720.04	729.90	711.97	749.07	742.66	726.73	726.87	727.01	727.15
Swine	thousands	29.65	31.13	32.27	38.44	40.51	43.73	47.90	52.52	56.76	60.54
Poultry	thousands	674.56	361.53	545.26	771.12	724.29	801.94	905.43	1,005.05	1,103.79	1,201.48
Horses	thousands	73.87	80.25	75.63	76.63	78.85	79.94	77.58	77.58	77.58	77.58
Fur animals	thousands	49.59	37.89	41.43	36.95	37.63	42.06	46.41	56.41	66.41	76.41
Synthetic fertilizer amount used	kt N	12.47	11.19	12.67	9.76	10.75	10.41	11.77	12.11	12.45	12.80
Manure amount	kt N	19.40	17.40	17.67	17.07	17.85	17.93	17.49	17.66	17.86	18.04
Solid waste generation amount	kg/head	1,485.99	1,494.88	1,594.19	1,504.26	1,386.23	1,276.73	1,350.37	1,450.57	1,450.57	1,450.57
Solid waste generation amount	kt	380.21	400.57	451.73	451.11	441.45	408.01	447.47	505.36	528.00	548.20
Fraction of waste disposed of in SWDS	%	89.99	78.39	75.71	61.69	32.79	34.34	21.65	19.43	17.22	15.00
Amount of waste disposed of in SWDS	kt	342.16	314.00	342.00	278.28	144.76	140.11	96.88	98.21	90.91	82.23
Solid waste amount incinerated	kt	38.06	26.47	16.10	12.16	11.17	13.21	10.34	10.78	11.19	11.55
Solid waste amount composted	kt		2.00	2.00	5.00	15.24	14.28	17.29	21.05	24.80	28.56
Solid waste amount to anaerobic digestion	kt							30.00	30.00	30.00	30.00
Afforestation area since 1990, cultivated forest	kha	0.89	6.66	14.36	23.14	30.39	32.20	36.49	41.86	47.23	52.60
Afforestation area since 1990, natural birch expansion	kha	0.41	2.48	4.55	6.62	8.69	9.11	10.76	12.83	14.90	16.97
Deforestation area, accumulation since 1990					0.02	0.04	0.05	0.07	0.10	0.13	0.16
Payagetation area since 1000	kha	2.13	16.24	38 56	62 41	83 21	87.00	07.00	100 50	122.00	134 50

<sup>*a*</sup> Parties should include key underlying assumptions as appropriate.

kha

<sup>b</sup> Parties should include historical data used to develop the greenhouse gas projections reported.

2.13

16.24

38.56

62.41

83.21

87.09

97.09

109.59

122.09

134.59

**Custom Footnotes** 

Revegetation area since 1990

#### Table 6(a)

#### Information on updated greenhouse gas projections under a 'with measures' scenario<sup>a</sup>

			GHG emis	ssions and rem	ovals <sup>b</sup>			GHG emission	projections
			(	$(kt CO_2 eq)$				(kt CO	<sub>2</sub> eq)
	Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030
Sector <sup>d,e</sup>									
Energy	1,157.93	1,157.93	1,287.82	1,367.94	1,226.65	968.81	906.07	855.19	1,029.74
Transport	620.77	620.77	628.43	673.77	848.93	900.34	863.69	802.48	602.53
Industry/industrial processes	878.10	878.10	553.62	984.76	941.48	1,895.93	1,804.75	1,908.96	1,913.89
Agriculture	706.45	706.45	637.23	652.88	608.30	642.84	640.68	650.38	667.04
Forestry/LULUCF	1,171.40	1,171.40	1,108.77	1,015.02	904.91	795.80	746.28	NE	NE
Waste management/waste	144.75	144.75	179.12	196.23	207.17	210.08	198.07	120.93	100.70
Other (specify)									
Gas									
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	3,261.02	3,261.02	3,350.67	3,710.62	3,674.82	4,140.42	3,991.45	NE	NE
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	2,160.11	2,160.11	2,318.22	2,775.92	2,852.93	3,431.81	3,332.75	3,258.52	3,241.21
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	407.80	407.80	428.23	448.07	450.57	467.80	452.67	NE	NE
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	406.20	406.20	421.91	440.26	442.77	459.47	444.34	364.24	346.50
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	589.79	589.79	547.43	567.59	524.90	532.54	527.70	NE	NE
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	520.90	520.90	477.42	495.07	449.68	453.68	448.45	461.07	467.15
HFCs	NO	NO	8.51	35.78	58.42	122.54	121.35	150.78	155.71
PFCs	419.63	419.63	58.84	127.16	26.10	145.63	63.22	100.20	100.20
SF <sub>6</sub>	1.15	1.15	1.30	1.37	2.64	4.89	3.13	3.13	3.13
Other (specify)									
Total with LULUCF <sup>f</sup>	4,679.39	4,679.39	4,394.98	4,890.59	4,737.45	5,413.82	5,159.52	254.11	259.04
Total without LULUCF	3,507.99	3,507.99	3,286.20	3,875.56	3,832.54	4,618.02	4,413.24	4,337.94	4,313.90

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

 $a^{a}$  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.

#### Table 6(a)

#### Information on updated greenhouse gas projections under a 'with measures' scenario<sup>a</sup>

GHG emissions and removals <sup>b</sup>							GHG emission projection	
$(kt CO_2 eq)$								$D_2 eq$ )
se year 1990)	1990	1995	2000	2005	2010	2011	2020	2030

 $b^{b}$  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> 20XX 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.

# Table 7Provision of public financial support: summary information in 2011<sup>a</sup>

	Year													
		I	celandic króna - ISK			$USD^{b}$								
Allocation channels			Climate-sp	pecific <sup>d</sup>		Core/general <sup>c</sup>		Climate-sp	pecific <sup>d</sup>					
	Core/general <sup>c</sup>	Mitigation	Adaptation	Cross-cutting <sup>e</sup>	<i>Other</i> <sup>f</sup>		Mitigation	Adaptation	Cross-cutting <sup>e</sup>	$Other^{f}$				
Total contributions through multilateral channels:	580,340,294.00		240,928,537.00	411,640,565.00		5,000,433.37		2,075,932.17	3,546,852.12					
Multilateral climate change funds <sup>g</sup>			16,412,789.00					141,418.85						
Other multilateral climate change funds <sup>h</sup>														
Multilateral financial institutions, including regional development banks	246,069,219.00			162,781,051.00		2,120,226.26			1,402,583.62					
Specialized United Nations bodies	334,271,075.00		224,515,748.00	248,859,514.00		2,880,207.11		1,934,513.32	2,144,268.50					
Total contributions through bilateral, regional and other channels		79,496,712.00	90,895,698.00	19,980,330.00			684,974.00	783,592.00	172,158.00					
Fotal	580,340,294.00	79,496,712.00	331,824,235.00	431,620,895.00		5,000,433.37	684,974.00	2,859,524.17	3,719,010.12					

Abbreviation: USD = United States dollars.

<sup>a</sup> Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 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 box below.

- <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.

**Custom Footnotes** 

Each Party shall provide an indication of what new and additional financial resources they have provided, and clarify how they have determined that such resources are new and additional. Please provide this information in relation to table 7(a) and table 7(b).

#### **Documentation Box:**

USD were calcualted using an exchange rate of 116 and 125 ISK per USD for 2011 and 2012, respectively.

# Table 7Provision of public financial support: summary information in 2012<sup>a</sup>

	Year											
		Ι	celandic króna - ISK				USD <sup>b</sup>					
Allocation channels			Climate-s	pecific <sup>d</sup>		Core/general <sup>c</sup>		Climate-s	pecific <sup>d</sup>			
	Core/ general <sup>c</sup>	Mitigation	Adaptation	Cross-cutting <sup>e</sup>	<i>Other</i> <sup>f</sup>		Mitigation	Adaptation	Cross-cutting <sup>e</sup>	<i>Other</i> <sup>f</sup>		
Total contributions through multilateral channels:	550,225,596.00		300,614,938.00	534,130,202.00		4,397,653.37		2,402,651.41	4,269,011.65			
Multilateral climate change funds <sup>g</sup>			19,460,850.00					155,539.97				
Other multilateral climate change funds <sup>h</sup>												
Multilateral financial institutions, including regional development banks	242,166,545.00			225,693,494.00		1,935,505.24			1,803,845.10			
Specialized United Nations bodies	308,059,051.00		281,154,088.00	308,436,708.00		2,462,148.13		2,247,111.44	2,465,166.55			
Total contributions through bilateral, regional and other channels		93,107,856.00	273,366,636.00	14,139,585.00			744,160.00	2,184,871.00	113,010.00			
Total	550,225,596.00	93,107,856.00	573,981,574.00	548,269,787.00		4,397,653.37	744,160.00	4,587,522.41	4,382,021.65			

*Abbreviation:* USD = United States dollars.

<sup>a</sup> Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 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 box below.

<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.

**Custom Footnotes** 

Each Party shall provide an indication of what new and additional financial resources they have provided, and clarify how they have determined that such resources are new and additional. Please provide this information in relation to table 7(a) and table 7(b).

#### Documentation Box:

USD were calcualted using an exchange rate of 116 and 125 ISK per USD for 2011 and 2012, respectively.

# Table 7(a)Provision of public financial support: contribution through multilateral channels in 2011<sup>a</sup>

		Total a							
Donor funding	Core/gener	ral <sup>d</sup>	Climate-spec	cific <sup>e</sup>	Status <sup>b</sup>	Funding source <sup>f</sup>	Financial	Type of support <sup>f, g</sup>	Sector
	Icelandic króna - ISK	USD	Icelandic króna - ISK	USD		Ŭ	instrument <sup>1</sup>		
otal contributions through multilateral channels	580,340,294.00	5,000,433.37	652,569,102.00	5,622,784.29					
Multilateral climate change funds <sup>g</sup>			16,412,789.00	141,418.85					
1. Global Environment Facility									
2. Least Developed Countries Fund			16,412,789.00	141,418.85	Provided	ODA	Grant	Adaptation	Cross-cutting
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									
Multilateral financial institutions, including regional development banks	246,069,219.00	2,120,226.26	162,781,051.00	1,402,583.62					
1. World Bank	234,100,000.00	2,017,094.90	43,991,551.00	379,047.98	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. International Finance Corporation									
3. African Development Bank									
4. Asian Development Bank									
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank									
7. Other	11,969,219.00	103,131.36	118,789,500.00	1,023,535.64					
Nordic Development Fund			64,000,000.00	551,448.41	Provided	ODA	Grant	Cross-cutting	Cross-cutting
NGOs	11,969,219.00	103,131.36	54,789,500.00	472,087.23	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Specialized United Nations bodies	334,271,075.00	2,880,207.11	473,375,262.00	4,078,781.82					
1. United Nations Development Programme	22,101,489.00	190,434.86							
	22,101,489.00	190,434.86			Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme	9,639,964.00	83,061.61							
	9,639,964.00	83,061.61			Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	302,529,622.00	2,606,710.64	473,375,262.00	4,078,781.82					
United Nations	18,900,000.00	162,849.61	5,362,000.00	46,201.04	Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNU Geothermal Training Programme			187,856,039.00	1,618,639.29	Provided	ODA	Grant	Cross-cutting	Energy
UNU Fisheries Training Programme			157,300,000.00	1,355,356.80	Provided	ODA	Grant	Adaptation	Agriculture
UNU Land Restoration Training Programme			50,000,000.00	430,819.07	Provided	ODA	Grant	Adaptation	Forestry
UNU Gender Equality Training Programme			38,512,975.00	331,842.48	Provided	ODA	Grant	Cross-cutting	Cross-cutting
UN Women	58,542,650.00	504,425.80			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNICEF	76,871,500.00	662,354.17			Provided	ODA	Grant	Cross-cutting	Cross-cutting
FAO	21,934,900.00	188,999.47	17,128,500.00	147,585.69	Provided	ODA	Grant	Cross-cutting	Agriculture
IFAD	2,904,250.00	25,024.13			Provided	ODA	Grant	Cross-cutting	Agriculture
WFP			5,704,999.00	49,156.45	Provided	ODA	Grant	Adaptation	Cross-cutting
UNHCR	5,501,500.00	47,403.02	11,510,749.00	99,181.00	Provided	ODA	Grant	Adaptation	Cross-cutting
IAEA	10,713,476.00	92,311.40			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNRWA	24,587,200.00	211,852.69			Provided	ODA	Grant	Cross-cutting	Cross-cutting
WHO	11,932,000.00	102,810.66			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNFPA	20,296,100.00	174,878.94			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNESCO	22,277,160.00	191,948.51			Provided	ODA	Grant	Cross-cutting	Cross-cutting
ILO	13,440,000.00	115,804.17			Provided	ODA	Grant	Cross-cutting	Cross-cutting
OCHA	11,201,500.00	96,516.40			Provided	ODA	Grant	Cross-cutting	Cross-cutting
WMO	3,427,386.00	29,531.67			Provided	ODA	Grant	Cross-cutting	Cross-cutting

Abbreviations: ODA = official development assistance, OOF = other official flows.

<sup>a</sup> Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

<sup>b</sup> Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

<sup>c</sup> Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".

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

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

<sup>f</sup> Please specify.

<sup>g</sup> Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

Custom Footnotes

Table 7(a)	
Provision of public financial support: contribution through multilateral channels in 2012 <sup>a</sup>	

		Total a	mount						
Donor funding	Core/gene	ral <sup>d</sup>	Climate-spe	cific <sup>e</sup>	Status <sup>b</sup>	Funding source <sup>f</sup>	Financial	Type of support <sup>f, g</sup>	Sector <sup>c</sup>
Donor junung	Icelandic króna - ISK	USD	Icelandic króna - ISK	USD	Status	Funding source	instrument <sup>f</sup>	1 ype of support	Secior
otal contributions through multilateral channels	550,225,596.00	4,397,653.37	834,745,140.00	6,671,663.06					
Multilateral climate change funds <sup>g</sup>			19,460,850.00	155,539.97					
1. Global Environment Facility									
2. Least Developed Countries Fund			19,460,850.00	155,539.97	Provided	ODA	Grant	Adaptation	Cross-cutting
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									
Multilateral financial institutions, including regional development banks	242,166,545.00	1,935,505.24	225,693,494.00	1,803,845.10					
1. World Bank	204,020,000.00	1,630,620.69	100,946,030.00	806,806.61	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. International Finance Corporation									
3. African Development Bank									
4. Asian Development Bank									
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank									
7. Other	38,146,545.00	304,884.55	124,747,464.00	997,038.49					
Nordic Development Fund			41,587,950.00	332,389.82	Provided	ODA	Grant	Cross-cutting	Cross-cutting
NGOs	14,214,591.00	113,609.48	43,782,800.00	349,932.06	Provided	ODA	Grant	Cross-cutting	Cross-cutting
IRENA			38,711,700.00	309,401.52		ODA	Grant	Cross-cutting	Energy
Other multilateral	23,931,954.00	191,275.07	665,014.00	5,315.09		ODA	Grant	Cross-cutting	Cross-cutting
Specialized United Nations bodies	308,059,051.00	2,462,148.13	589,590,796.00	4,712,277.99					
1. United Nations Development Programme	24,184,292.00	193,291.87		,. ,					
	24,184,292.00	193,291.87			Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme	9,838,746.00	78,635.74							
C	9,838,746.00	78,635.74			Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	274,036,013.00	2,190,220.52		4,712,277.99					
United Nations	19,128,623.00	152,884.66		18,406.61	Provided	ODA	Grant	Adaptation	Cross-cutting
UNU Geothermal Training Programme			243,158,671.00	1,943,434.77		ODA	Grant	Cross-cutting	Energy
UNU Fisheries Training Programme			155,400,000.00	1,242,027.53		ODA	Grant	Adaptation	Agriculture
UNU Land Restoration Training Programme			69,600,000.00	556,274.88		ODA	Grant	Adaptation	Forestry
UNU Gender Equality Training Programme			45,151,050.00	360,867.74		ODA	Grant	Cross-cutting	Cross-cutting
UN Women	76,216,650.00	609,158.15	18,840,000.00	150,577.85		ODA	Grant	Cross-cutting	Cross-cutting
UNICEF	69,751,500.00	557,485.73			Provided	ODA	Grant	Cross-cutting	Cross-cutting
FAO	13,503,007.00	107,922.18		10,286.19		ODA	Grant	Cross-cutting	Agriculture
IFAD	3,142,000.00	25,112.29			Provided	ODA	Grant	Cross-cutting	Agriculture
WFP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	23,905,264.00	191,061.75		ODA	Grant	Adaptation	Cross-cutting
UNHCR					Provided	ODA	Grant	Cross-cutting	Cross-cutting
IAEA	12,526,668.00	100,118.83			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNRWA	11,401,500.00	91,125.98			Provided	ODA	Grant	Cross-cutting	Cross-cutting
WHO	11,400,000.00	91,113.99			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNFPA	9,001,500.00	71,944.08			Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNESCO	11,154,105.00	89,148.68			Provided	ODA	Grant	Cross-cutting	Cross-cutting
ILO	13,440,000.00	107,418.60			Provided	ODA	Grant	Cross-cutting	Cross-cutting
OCHA	10,227,600.00	81,743.63	29,945,826.00	239,340.67		ODA	Grant	Adaptation	Cross-cutting
UNFCCC	9,542,431.00	76,267.45			Provided	ODA	Grant	Cross-cutting	Cross-cutting
WMO	3,600,429.00	28,776.27			Provided	ODA	Grant	Cross-cutting	Cross-cutting

Abbreviations: ODA = official development assistance, OOF = other official flows.

<sup>*a*</sup> Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

<sup>b</sup> Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

<sup>c</sup> Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".

d This refers to support to multilateral institutions that Parties cannot specify as climate-specific.

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

<sup>f</sup> Please specify.

<sup>g</sup> Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

**Custom Footnotes** 

#### Table 7(b)

#### Provision of public financial support: contribution through bilateral, regional and other channels in 2011<sup>a</sup>

	Total amoun	t						
<i>Recipient country/</i> region/project/programme <sup>b</sup>	Cunture-specific		Status <sup>c</sup>	Funding source <sup>g</sup>	Financial instrument <sup>8</sup>	Type of support <sup>g, h</sup>	Sector <sup>d</sup>	Additional information <sup>e</sup>
	Icelandic króna - ISK	USD						
Total contributions through bilateral, regional and other channels	190,372,740.00	1,640,724.00						
Malawi /	25,548,776.00	220,138.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Mozambique /	7,224,611.00	62,650.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Namibia /	58,122,311.00	500,804.00	Provided	ODA	Grant	Adaptation	Cross-cutting	
Nicaragua /	79,496,712.00	684,974.00	Provided	ODA	Grant	Mitigation	Energy	
Uganda /	3,190,865.00	27,494.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Other /	16,789,465.00	144,664.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	

*Abbreviations:* ODA = official development assistance, OOF = other official flows; USD = United States dollars.

<sup>*a*</sup> Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

<sup>b</sup> Parties should report, to the extent possible, on details contained in this table.

<sup>c</sup> Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

<sup>d</sup> Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".

<sup>e</sup> Parties should report, as appropriate, on project details and the implementing agency.

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

<sup>g</sup> Please specify.

<sup>*h*</sup> Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

#### Table 7(b)

#### Provision of public financial support: contribution through bilateral, regional and other channels in 2012<sup>a</sup>

	Total amount Climate-specific <sup>f</sup>		Status <sup>c</sup>	Funding source <sup>g</sup>	Financial instrument <sup>8</sup>	Type of support <sup>g, h</sup>	Sector <sup>d</sup>	Additional information <sup>e</sup>
<i>Recipient country/</i> region/project/programme <sup>b</sup>								
region projecti programme	Icelandic króna - ISK	USD			instrument			injormation
Total contributions through bilateral,	380,614,077.00	3,042,041.00						
regional and other channels								
Malawi /	68,184,789.00	544,964.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Mozambique /	205,181,847.00	1,639,907.00	Provided	ODA	Grant	Adaptation	Agriculture	
Nicaragua /	69,512,724.00	555,577.00	Provided	ODA	Grant	Mitigation	Energy	
Uganda /	14,139,585.00	113,010.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Other /	23,595,132.00	188,583.00	Provided	ODA	Grant	Mitigation	Energy	

*Abbreviations:* ODA = official development assistance, OOF = other official flows; USD = United States dollars.

<sup>*a*</sup> Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

<sup>b</sup> Parties should report, to the extent possible, on details contained in this table.

<sup>c</sup> Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

<sup>d</sup> Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".

<sup>e</sup> Parties should report, as appropriate, on project details and the implementing agency.

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

<sup>g</sup> Please specify.

<sup>*h*</sup> Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

# Table 8

# **Provision of technology development and transfer support**<sup>*a,b*</sup>

Recipient country and/or region	Targeted area	Measures and activities related to technology transfer	Sector <sup>c</sup>	Source of the funding for technology transfer	Activities undertaken by	Status	Additional information <sup>d</sup>

<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.

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# Table 9**Provision of capacity-building support**<sup>a</sup>

Recipient country/region	Targeted area	Programme or project title	Description of programme or project b,c		

<sup>*a*</sup> To be reported to the extent possible.

 $b^{b}$  Each Party included in Annex II to the Convention shall provide information, to the extent possible, on how it has provided capacity-building support that responds to the existing and emerging capacity-building needs identified by Parties not included in Annex I to the Convention in the areas of mitigation, adaptation and technology development and transfer.

<sup>c</sup> Additional information may be provided on, for example, the measure or activity and co-financing arrangements.