BR CTF submission workbook

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CRF: ISL_CRF__ v1.1

	Base year ^a	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS EMISSIONS	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq
CO ₂ emissions including net CO ₂ 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 ₂ emissions excluding net CO ₂ 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 ₄ emissions including CH ₄ from LULUCF	407.80	409.50	413.65	421.70	430.39	428.23	436.58	437.78	447.86
CH ₄ emissions excluding CH ₄ from LULUCF	406.20	403.18	407.34	415.39	424.08	421.91	428.88	430.08	440.06
N ₂ O emissions including N ₂ O from LULUCF	589.79	570.80	539.86	550.70	556.88	547.43	568.39	567.87	570.22
N ₂ O emissions excluding N ₂ 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 ₆	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
	Base year ^a	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ 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 ^b	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.

¹ 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."

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 ₂ eq									
CO ₂ emissions including net CO ₂ 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 ₂ emissions excluding net CO ₂ 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 ₄ emissions including CH ₄ from LULUCF	452.90	448.07	456.48	454.40	453.09	454.88	450.57	473.55	474.05	469.70
CH ₄ emissions excluding CH ₄ from LULUCF	445.09	440.26	448.67	446.59	445.29	447.07	442.77	464.45	465.82	461.48
N ₂ O emissions including N ₂ O from LULUCF	592.42	567.59	560.22	528.05	518.17	515.89	524.90	551.76	570.44	582.13
N ₂ O emissions excluding N ₂ 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 ₆	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
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
OREENHOUSE DAS SOURCE AND SILVE CATEGORIES	kt CO ₂ eq	$kt CO_2 eq$	kt CO ₂ 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	976.45	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 ^b	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									
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 ⁽¹⁾ (Sheet 3 of 3)

CRF: ISL_CRF__ v1.1

GREENHOUSE GAS EMISSIONS	2009	2010	2011	Change from base to latest reported year
	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	(%)
CO ₂ emissions including net CO ₂ from LULUCF	4,319.39	4,140.42	3,991.45	22.40
CO ₂ emissions excluding net CO ₂ from LULUCF	3,571.84	3,431.81	3,332.75	54.29
CH ₄ emissions including CH ₄ from LULUCF	467.18	467.80	452.67	11.00
CH ₄ emissions excluding CH ₄ from LULUCF	458.85	459.47	444.34	9.39
N ₂ O emissions including N ₂ O from LULUCF	547.96	532.54	527.70	-10.53
N ₂ O emissions excluding N ₂ O 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 ₆	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 ₂ 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 ^b	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 (CO₂)", "Emission trends (CH₄)", "Emission trends (N₂O)" and "Emission trends (HFCs, PFCs and SF₆)", 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.

^a 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 ₂)
(Sheet 1	of 3)

CRF: ISL_CRF__ v1.1

CDEENHOUSE CAS SOUDCE AND SINK CATECODIES	Base year ^a	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		0.25	0.24	0.35	0.46	0.40	0.44	0.40
C. Metal Production	346.63		322.36	376.80		396.37	391.89	446.44	466.53
D. Other Production	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			3.21		3.21	3.45	3.55	3.80
4. Agriculture	5.01	5.20	5.20	5.21	5.20	5.21	5.15	5.55	5.00
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	1 100 01	1.006.61	1 001 04	1.067.62	1.054.20	1.022.44	1 010 57	000 (0	070.15
5. Land Use, Land-Use Change and Forestry	1,100.91	1,096.61	1,081.04	1,067.63		1,032.44	1,018.57	999.68	978.15
A. Forest Land	-44.24		-51.10	-56.33	-59.22	-69.33	-74.12	-81.51	-89.67
B. Cropland	1,198.36		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			-64.82		-75.12	-79.93	-85.45	-92.98
D. Wetlands	1.86			7.36		7.36		8.98	9.11
E. Settlements	NE, NO		NE, NO	NE, NO		NE, NO	NE, NO	NE, NO	NE, NO
F. Other Land	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
B. Waste-water Handling		101,112	111,112	111,112	1111, 1112	111, 112	111, 112	111, 112	111, 111
C. Waste Incineration	11.27	11.18	10.88	9.27	8.54	7.53	6.75	6.50	5.51
D. Other	NA			9.27 NA		7.55 NA	0.75 NA	NA	NA
7. Other (as specified in the summary table in CRF)	NA NA			NA		NA	NA	NA	NA
7. Other (as specified in the summary table in CRF) Total CO2 emissions including net CO2 from LULUCF									
Total CO2 emissions including net CO2 from LULUCF Total CO2 emissions excluding net CO2 from LULUCF	3,261.02		3,297.15 2,216.10	3,406.97	3,341.33	3,350.67	3,425.98 2,407.41	3,495.43	3,483.15
	2,160.11	2,090.16	2,210.10	2,339.34	2,286.94	2,318.22	2,407.41	2,495.75	2,505.00
Memo Items:	010 /7	250 64	262.56	002.02	207.10	200.15	205 45	140.00	514 67
International Bunkers	318.65		263.56	293.02		380.15	395.45	440.80	514.67
Aviation	219.65		203.62	195.64		236.15	271.51	292.12	338.13
Marine	99.00			97.38		144.00	123.95	148.68	176.54
Multilateral Operations	NO		NO	NO		NO	NO	NO	NO
CO2 Emissions from Biomass	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO

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

Table 1 (a) Emission trends (CO₂) (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.

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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 (CO₂) (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	-9.00
1. Energy Industries	8.81	6.69	6.85	-49.77
2. Manufacturing Industries and Construction	247.27	199.36	181.94	-49.57
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	466.62
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	423.61
E. Settlements	0.08	0.08	0.46	100.00
F. Other Land	NE	NE	NE	0.00
G. Other	NE, NO	NE, NO	NE, NO	0.00
6. Waste	7.43	6.13	7.96	-29.44
A. Solid Waste Disposal on Land	NA, NE	NA, NE	NA, NE	0.00
B. Waste-water Handling		,	,	
C. Waste Incineration	7.43	6.13	7.96	-29.44
D. Other	NA	NA	NA	0.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CO2 emissions including net CO2 from LULUCF	4,319.39	4,140.42	3,991.45	22.40
Total CO2 emissions excluding net CO2 from LULUCF	3,571.84	3,431.81	3,332.75	54.29
Memo Items:	5,571.04	5,-51.01	5,552.15	54.2)
International Bunkers	498.71	559.61	620.60	94.76
Aviation	333.88	377.26	421.93	94.70
Marine	164.84	182.35	198.66	100.68
Multilateral Operations	NO	NO	198.00 NO	0.00
CO2 Emissions from Biomass	NO NA NO	NA NO	NA NO	

CO2 Emissions	from 1	Biomass
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Abbreviations : CRF = common reporting format, LULUCF = land use, land-use change and forestry.

^{*a*} 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.

^b 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 (CH₄) (Sheet 1 of 3)

CRF: ISL_CRF__ v1.1

CREENHOUSE CAS SOURCE AND SDUK CATEGORIES	Base year ^a	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 (CH₄) (Sheet 2 of 3)

CRF: ISL_CRF__ v1.1

CREENHOUSE CAS SOURCE AND SINK CATEGORIES	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									
G. Other	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									
B. Cropland	NE, NO									
C. Grassland	NE, NO	0.00	NE, NO	NE, NO						
D. Wetlands	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.43	0.39	0.39
E. Settlements	NE									
F. Other Land	NE									
G. Other	NA, NE, NO									
6. Waste	8.56	8.78	9.07	9.24	9.31	9.56	9.27	10.06	9.88	9.55
A. Solid Waste Disposal on Land	8.33	8.55	8.86	8.93	9.01	9.29	9.02	9.79	9.64	9.32
B. Waste-water Handling	0.11	0.11	0.11	0.21	0.21	0.21	0.22	0.22	0.18	0.17
C. Waste Incineration	0.11	0.10	0.09	0.09	0.08	0.05	0.02	0.02	0.02	0.02
D. Other	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.04
7. Other (as specified in the summary table in CRF)	NA									
Total CH4 emissions including CH4 from LULUCF	21.57	21.34	21.74	21.64	21.58	21.66	21.46	22.55	22.57	22.37
Total CH4 emissions excluding CH4 from LULUCF	21.19	20.96	21.37	21.27		21.29	21.08			21.98
Memo Items:										
International Bunkers	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02
Aviation	0.00	0.00				0.00	0.00	0.00		0.00
Marine	0.02	0.02				0.02	0.01	0.01		0.02
Multilateral Operations	NO	NO					NO			
CO2 Emissions from Biomass						0	0			

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

Table 1(b) Emission trends (CH₄) (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	
D. Agricultural Soils	NA, NE, NO	NA, NE, NO	,	
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	
D. Wetlands	0.40	0.40	0.40	420.67
E. Settlements	NE	NE	NE	0.00
F. Other Land	NE		NE	
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	47.18
B. Waste-water Handling	0.17	0.17	0.17	149.95
C. Waste Incineration	0.02	0.01	0.01	-94.43
D. Other	0.05	0.06	0.06	100.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CH4 emissions including CH4 from LULUCF	22.25	22.28	21.56	11.00
Total CH4 emissions excluding CH4 from LULUCF	21.85	21.88	21.16	9.39
Memo Items:				
International Bunkers	0.02	0.02	0.02	95.85
Aviation	0.00	0.00	0.00	92.07
Marine	0.02	0.02	0.02	96.47
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass				

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

^{*a*} 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 ₂ O)
(Sheet 1 of 3)

CRF: ISL_CRF__ v1.1

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year ^a	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	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		0.00	0.00	0.00	0.00
B. Cropland			IE. NA. NE.		IE, NA, NE,				
	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	1.62	1.52	1.55	1.57	1.54	1.61	1.60	1.61
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
Marine	0.00								
Multilateral Operations	NO								
CO2 Emissions from Biomass				-10					

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

Table 1(c) Emission trends (N₂O) (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 (N₂O) (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	0.18	0.17	91.93
A. Fuel Combustion (Sectoral Approach)	0.20	0.18	0.17	91.93
1. Energy Industries	0.00	0.00	0.00	539.39
2. Manufacturing Industries and Construction	0.05	0.04	0.04	-28.47
3. Transport	0.13	0.12	0.12	573.27
4. Other Sectors	0.02	0.01	0.01	-24.57
5. Other	NA, NO	NA, NO	NA, NO	0.00
B. Fugitive Emissions from Fuels	NA, NO	NA, NO	NA, NO	0.00
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	NA, NO	NA, NO	NA, NO	0.00
2. Industrial Processes	NA, NE, NO	NA, NE, NO	NA, NE, NO	-100.00
A. Mineral Products	NE, NO			
B. Chemical Industry	NO		NO	
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			
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		1.10	
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	0.25		0.26	
A. Forest Land	0.00			
B. Cropland	IE, NA, NE, NO		IE, NA, NE, NO	
C. Grassland	NE, NO			0.00
D. Wetlands	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
E. Settlements	NE	NE	NE	0.00
F. Other Land	NE	NE	NE	0.00
G. Other	0.25	0.25	0.25	13.78
6. Waste	0.03	0.03	0.03	25.91
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.03	0.03	0.03	28.16
C. Waste Incineration	0.00	0.00	0.00	-79.75
D. Other	0.00	0.00	0.00	100.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total N2O emissions including N2O from LULUCF	1.77	1.72	1.70	-10.53
Total N2O emissions excluding N2O from LULUCF	1.51	1.46	1.45	-13.91
Memo Items:				
International Bunkers	0.01	0.02	0.02	93.41
Aviation	0.01	0.01	0.01	92.07
Marine	0.00	0.00	0.01	96.47
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass				

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

^{*a*} 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 SF₆) (Sheet 1 of 3)

CRF: ISL_CRF__ v1.1

	Base year ^a	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	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 ₂ 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_4	0.05	0.05	0.02	0.01	0.01	0.01	0.00	0.01	0.02
C ₂ F 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 ₄ F ₁₀	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C ₄ F ₈	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C ₅ F ₁₂	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C ₆ F ₁₄	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 ₂ 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 ₆	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 SF₆) (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 ₂ 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 ₄	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.04	0.04	0.05
C ₂ F ₆	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 ₄ F ₈	NA, NO									
C ₅ F ₁₂	NA, NO									
C ₆ F ₁₄	NA, NO									
Unspecified mix of listed PFCs(4) - (Gg CO ₂ 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 ₆	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 SF₆) (Sheet 3 of 3)

ISL_BR1_v3.0

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 ₂ eq)	NA, NO	NA, NO	NA, NO	0.00
Emissions of PFCsc - (kt CO2 eq)	152.75	145.63	63.22	-84.93
CF_4	0.02	0.02	0.01	-84.94
C ₂ F ₆	0.00	0.00	0.00	-84.93
C 3F8	0.00	0.00	0.00	100.00
C ₄ F ₁₀	NA, NO	NA, NO	NA, NO	0.00
c-C ₄ F ₈	NA, NO	NA, NO	NA, NO	0.00
C ₅ F ₁₂	NA, NO	NA, NO	NA, NO	0.00
C ₆ F ₁₄	NA, NO	NA, NO	NA, NO	0.00
Unspecified mix of listed PFCs(4) - (Gg CO ₂ 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 ₆	0.00	0.00	0.00	172.33

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

^{*a*} 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.

^cEnter 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.

^dIn 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_v3.0

Description of quantified economy-wide emission reduction target: base year^a

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

^{*a*} 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 Optional.

Table 2(b)ISL_BR1_v3.0Description of quantified economy-wide emission reduction target: gasesand sectors covered a

Ga	ises covered	Base year for each gas (year):				
CO ₂		1990				
CH ₄		1990				
N ₂ O		1990				
HFCs		1990				
PFCs		1990				
SF ₆		1990				
NF ₃		To be determined				
Other Gases (specify))					
Sectors covered ^b	Energy	Yes				
1	Transport ^f	Yes				
	Industrial processes ^g	Yes				
	Agriculture	Yes				
	LULUCF	Yes				
	Waste	Yes				
	Other Sectors (specify)					

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

^{*a*} 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 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.

^f Transport is reported as a subsector of the energy sector.

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

Table 2(c)ISL_BR1_v3.0Description of quantified economy-wide emission reduction target: globalwarming potential values $(GWP)^a$

Gases	GWP values ^b
CO ₂	4nd AR
CH ₄	4nd AR
N ₂ O	4nd AR
HFCs	4nd AR
PFCs	4nd AR
SF ₆	4nd AR
NF ₃	4nd AR
Other Gases (specify)	-

Abbreviations : GWP = global warming potential

^{*a*} 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 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_v3.0

Description of quantified economy-wide emission reduction target: approach to counting emissions and removals from the LULUCF sector^{*a*}

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.

^{*a*} 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)IISL_BR1_v3.0Description of quantified economy-wide emission reduction target: market-based mechanismsunder the Convention^a

Market-based mechanisms	Possible scale of contributions
under the Convention	(estimated kt CO $_2$ eq)
CERs	
ERUs	
AAUs ⁱ	
Carry-over units ⁱ	
Other mechanism units under the Convention (specify) ^d	

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

^{*a*} 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 .

^{*i*} AAUs issued to or purchased by a Party.

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

Table 2(e)II

Description of quantified economy-wide emission reduction target: other market-based mechanisms^a

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

^{*a*} 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^{*a,b*}

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.

^{*a*} 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.

Custom Footnotes

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

Name of mitigation action ^a	action ^a Sector(s) affected ^b		Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)
Carbon tax	Transport,	CO ₂	Reduce emissions	Fiscal	Implemented	Tax on liquid and gaseous fossil fuels	2010	Ministry of Finance	75.00
	Energy		from fossil fuels					and Economic Affairs	
Grants for geothermal	Energy	CO_2	Reduced emissions	Economic	Implemented	Grants for geothermal exploration in cold	2002	National Energy	NE
exploration in cold areas			from fossil fuels			areas based on Act No. 78/2002		Authority	
Excise duty on vehicles	Transport	CO ₂	Reduce emissions	Fiscal	Implemented	The excise duty varies from 0% to 60%	2011	Ministry of Finance	60.00
based on CO2			from transport			depending on CO2 emissions.		and Economic Affairs	
emissions									
Biannual fee on	Transport	CO_2	Reduce emissions	Fiscal	Implemented	Basic fee with additional fee for higher	2011	Ministry of Finance	IE
vehicles based on CO2		-	from transport			emission levels or weight depending on		and Economic Affairs	
emissions			· · · · · · · · · · · · · · · · · · ·			weight class			
No VAT on zero-	Transport	CO ₂	Reduce emissions	Fiscal	Implemented		2012	Ministry of Finance	IE
emission vehicles with		2	from transport		r · · · · ·	exempted from VAT up to a certain maximum		and Economic Affairs	
a cap			from transport			limit.			
Exemption from excise	Transport	CO ₂	Reduce emissions	Fiscal	Implemented	Non-fossil fuels are not subject to excise duty	2011	Ministry of Finance	IE
duty and carbon tax for	Tunsport		from transport		mpienieu	or carbon tax	-011	and Economic Affairs	
CO2 neutral fuels			nom dansport					and Leononice Amans	
Reduced excise duty	Transport	CO ₂	Reduce emissions	Fiscal	Implemented	Methane vehicles get a discount from levied	2011	Ministry of Finance	IE
and semiannual car tax		2	from transport		I · · · · ·	excise duty and pay only minimum		and Economic Affairs	
on methane vehicles			rr			semiannual car tax			
Increased public	Transport	CO_2	Reduce emissions	Fiscal	Implemented		2012	Ministry of the Interior,	30.00
transportation and	P		from transport			Administration suports public transportation		municipalities	
cycling			nom dansport			and construction of bike and walking paths		municipanties	
Parking benefits for	Transport	CO ₂	Reduce emissions	Fiscal	Implemented	Vehicles emitting less than 120 g CO2/km and	2007	City of Reykjavik	IE
low emission vehicles			from transport			weighing less than 1600 kg are eligible for			
			•			free 90 min parking in Reykjavik			
Low-emission vehicles	Transport	CO_2	Reduce emissions	Fiscal	Implemented		2011	Ministries and the City	IE
in public procurement	1	2	from transport			procurement for ministries and the city of		of Reykjavik	
			F			Reykjavik		·····	
EU emission trading	Transport	CO ₂	Reduce emissions	Economic	Implemented		2012	Environment Agency	125.00
scheme	F		from aviation			within the EEA-area.		of Iceland	
Renewables in	Transport	CO ₂	Reduce fossil carbon	Regulatory	Implemented		2014	National Energy	NE
transport fuel	F		in transport fuels			renewables in fuel used for land transport		Authority	
EU emission trading	Industry/industri	CO ₂ , PFCs	Reduce emissions	Economic	Implemented	Cap set on emissions from certain	2013	Environment Agency	IE
scheme	al processes		from industry			installations. The cap is reduced over time. An		of Iceland	
						EEA wide market with emission permits.			
Landfill policy	Waste	CH ₄	Reduced organic	Regulatory	Implemented	The share of organic waste shall have been	2009	Environment Agency	NE
	management/was		waste in landfills			reduced to 75% of total waste in 2009, 50% in		of Iceland	
	te					2013 and 35% in 2020, with 2005 as a			
						reference year			
Landfill policy	Waste	CH ₄	Collection of landfill	Regulatory	Implemented		2003	Environment Agency	NE
	management/was		gas			waste, requires collection of landfill gases.		of Iceland	
	te		-						

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

Sector(s) affected ^b	GHG(s) affected	<i>Objective and/or</i> activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigatio cumulative, in k	
Industry/industri	CO ₂	Reduce emissions	Voluntary	Implemented	Conversion from oil based production to	2000	Industry		37.50
al processes		from fossil fuels	Agreement		electricity based				
Forestry/LULUC F	CO ₂	-	Other (Action plan)	Implemented	Revegetation projects	2003	Soil Conservation Service of Iceland		NE
Forestry/LULUC F	CO ₂	Carbon sequestration	Other (Action plan)	Implemented	Regional afforestation projects	1999	Regional implementation committees		NE
Forestry/LULUC F	CO ₂	Carbon sequestration	Other (Action plan)	Implemented	Afforestation in the vicinity of Mt. Hekla	2007	The Soil Conservation Service of Iceland and The Iceland Forest Service		NE
a F F F	affected ^b ndustry/industri l processes Forestry/LULUC	affected ^b affected ndustry/industri CO ₂	affectedaffectedactivity affectedndustry/industriCO2Reduce emissions from fossil fuelsl processesCO2Carbon sequestrationcorestry/LULUCCO2Carbon sequestrationcorestry/LULUCCO2Carbon sequestration	affected baffectedactivity affectedinstrument cindustry/industriCO2Reduce emissions from fossil fuelsVoluntary AgreementForestry/LULUCCO2Carbon sequestrationOther (Action plan)Forestry/LULUCCO2Carbon sequestrationOther (Action plan)Forestry/LULUCCO2Carbon sequestrationOther (Action plan)	affectedaffectedactivity affectedinstrument cimplementation dindustry/industriCO2Reduce emissions from fossil fuelsVoluntary AgreementImplementedForestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedForestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedForestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedForestry/LULUCCO2Carbon sequestrationOther (Action plan)Implemented	affectedaffectedactivity affectedinstrument cimplementation dBrief description cindustry/industriCO2Reduce emissions from fossil fuelsVoluntary AgreementImplementedConversion from oil based production to electricity basediorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRevegetation projectsiorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRegional afforestation projectsiorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRegional afforestation projects	affectedaffectedactivity affectedinstrument cimplementation dBrief description cimplementation dndustry/industriCO2Reduce emissions from fossil fuelsVoluntary AgreementImplementedConversion from oil based production to electricity based2000orestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRevegetation projects2003orestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRegional afforestation projects1999orestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedAfforestation in the vicinity of Mt. Hekla2007	affectedaffectedactivity affectedinstrument cimplementation dBrief description cimplementationimplementationndustry/industriCO2Reduce emissions from fossil fuelsVoluntary AgreementImplementedConversion from oil based production to electricity based2000Industryorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRevegetation projects2003Soil Conservation Service of Icelandorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedRegional afforestation projects1999Regional implementation committeesorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedAfforestation projects1999Regional implementation committeesorestry/LULUCCO2Carbon sequestrationOther (Action plan)ImplementedAfforestation in the vicinity of Mt. Hekla2007The Soil Conservation Service of Iceland and	Sector(s) affected GHG(s) affected Objective and/or activity affected Type of instrument ^c Status of implementation ^d Brief description ^e Start year of implementation Implementing entity or entities cumulative, in k adjected affected Reduce emissions from fossil fuels Voluntary Agreement Implemented Conversion from oil based production to electricity based 2000 Industry orestry/LULUC CO2 Carbon sequestration Other (Action plan) Implemented Revegetation projects 2003 Soil Conservation Service of Iceland orestry/LULUC CO2 Carbon sequestration Other (Action plan) Implemented Regional afforestation projects 1999 Regional implementation committees orestry/LULUC CO2 Carbon sequestration Other (Action plan) Implemented Afforestation in the vicinity of Mt. Hekla 2007 The Soil Conservation Service of Iceland and

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 expost or ex ante estimation is available).

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

^a Parties should use an asterisk (*) to indicate that a mitigation action is included in the 'with measures' projection.

^b 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.

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

^d 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.

^f Optional year or years deemed relevant by the Party.

Custom Footnotes

Carbon tax is estimated to result in 50-100 kt CO_2 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 CO₂ 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 CO₂ by 2020. the mean of this range is given here. The value refers to both aviation and installations.

Shift from heavy oil to electricity in fishmeal production is estimated to result in 25 - 50 kt CO₂ mitigation. The mean of this range is given here.

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Table 4Reporting on progress

	Total emissions excluding LULUCF	Contribution from LULUCF ^d	Quantity of units from market based mechanisms under the Convention					
Year ^c	$(kt \ CO_2 \ eq)$	$(kt \ CO_2 \ eq)$	(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.

^{*a*} 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 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.

^c 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 ^{a,b}

	Net GHG emissions/removals from LULUCF categories ^c	Base year/period or reference level value ^d	Contribution from LULUCF for reported year	Cumulative contribution from LULUCF ^e	Accounting approach ^f
		(kt CO ₂ eq	()		
otal LULUCF					Activity-based
A. Forest land					approach
A. Forest land					Activity-based
1. Forest land remaining forest land					approach Activity-based
1. Forest fand femaning forest fand					approach
2. Land converted to forest land					Activity-based
2. Land converted to forest fand					approach
3. Other ^g					Activity-based
5. Other					approach
B. Cropland					Activity-based
D. Crophild					approach
1. Cropland remaining cropland					Activity-based
1. cropiand remaining cropiand					approach
2. Land converted to cropland					Activity-based
2. Land converted to crophind					approach
3. Other ^g					Activity-based
5. Other ^a					approach
C. Grassland					Activity-based
C. Grassiand					approach
1. Grassland remaining grassland					Activity-based
1. Grassiand remaining grassiand					approach
2. Land converted to grassland					Activity-based
2. Land converted to grassiand					approach
2.0.1 8					Activity-based
3. Other ^g					approach
D. Wetlands					Activity-based
D. Wettands					approach
1. Wetland remaining wetland					Activity-based
1. Wettand remaining wettand					approach
2. Land converted to wetland					Activity-based
2. Land converted to wettand					approach
3. Other ^g					Activity-based
3. Other ^o					approach
E. Settlements					Activity-based
E. Settlements					approach
1. Settlements remaining settlements					Activity-based
1. Settlements remaining settlements					approach
2. Land converted to settlements					Activity-based
2. Land converted to settlements					approach
3. Other ^g					Activity-based
5. Other ^a					approach
F. Other land					Activity-based
					approach
1. Other land remaining other land					Activity-based
1. Outer land remaining outer land					approach
2. Land converted to other land					Activity-based
2. Land converted to other fand					approach
3. Other ^g					Activity-based
5. Ouler					approach
Harvested wood products					Activity-based
marvested wood products					approach

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

^{*a*} 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 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.

^c 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.

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

^{*e*} If applicable to the accounting approach chosen. Explain in this biennial report to which years or period the cumulative contribution refers to.

^{*f*} 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).

^g 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 ^{a, b}

	Net GHG emissions/removals from LULUCF categories ^c	Base year/period or reference level value ^d	Contribution from LULUCF for reported year	Cumulative contribution from LULUCF ^e	Accounting approach ^f
		(kt CO ₂ eq	()		
otal LULUCF					Activity-based
					approach
A. Forest land					Activity-based
					approach
1. Forest land remaining forest land					Activity-based
					approach
2. Land converted to forest land					Activity-based
					approach
3. Other ^g					Activity-based
					approach
B. Cropland					Activity-based
					approach
1. Cropland remaining cropland					Activity-based
					approach
2. Land converted to cropland					Activity-based
					approach
3. Other ^g					Activity-based
					approach
C. Grassland					Activity-based
					approach
1. Grassland remaining grassland					Activity-based
T Crussiand Terraining Brussiand					approach
2. Land converted to grassland					Activity-based
2. Eand converted to grassiand					approach
3. Other ^g					Activity-based
3. Other °					approach
D. Wetlands					Activity-based
D. wettands					
1. Wetland remaining wetland					approach Activity-based
1. weuand remaining weuand					
2. Land converted to wetland					approach
2. Land converted to wetland					Activity-based
a					approach
3. Other ^g					Activity-based
					approach
E. Settlements					Activity-based
					approach
1. Settlements remaining settlements					Activity-based
					approach
2. Land converted to settlements					Activity-based
					approach
3. Other ^g					Activity-based
					approach
F. Other land					Activity-based
					approach
1. Other land remaining other land					Activity-based
					approach
2. Land converted to other land					Activity-based
					approach
3. Other ^g					Activity-based
					approach
Harvested wood products					Activity-based
					approach

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

^{*a*} 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 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.

^c 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.

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

^e If applicable to the accounting approach chosen. Explain in this biennial report to which years or period the cumulative contribution refers to.

^{*f*} 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).

^g 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^{*a,b, c*}

GREENHOUSE GAS SOURCE AND SINK ACTIVITIES	Base year ^d	Base year ^d Net emissions/removals ^e 2008 2009 2010 2011 Total ^g						Accounting quantity ⁱ
				(kt CO ₂ eq)				
A. Article 3.3 activities								
A.1. Afforestation and Reforestation								-517.33
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		-517.33
A.1.2. Units of land harvested since the beginning of the commitment periodj								NA
A.2. Deforestation		0.08	0.08	0.08	0.46	0.69		0.69435
B. Article 3.4 activities								
B.1. Forest Management (if elected)		NA	NA	NA	NA	NA		NA
3.3 offset ^k							0	NA
FM cap ¹							0	NA
B.2. Cropland Management (if elected)	NA	NA	NA	NA	NA	NA	NA	NA
B.3. Grazing Land Management (if elected)	NA	NA	NA	NA	NA	NA	NA	NA
B.4. Revegetation (if elected)	-349.1198	-501.53	-508.71	-515.98	-523.45	-2,049.67	-1396.4792	-653.19389

Note: 1 kt CO₂ eq equals 1 Gg CO₂ eq.

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

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

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

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

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

^{*f*} Additional columns for relevant years should be added, if applicable.

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

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

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

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

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

ISL BR1 v3.0 Source: ISL CRF v1.1

¹ 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.

Table 4(b) **Reporting on progress^{a, b, c}**

	Unite of method based mochanisms		Ye	ear
	Units of market basea mechanisms		2011	2012
	Kunto Dunto nal unito	(number of units)		
	Kyoto Protocol units	$(kt CO_2 eq)$		
		(number of units)		
yoto E rotocol nits ^d C Uther units d,e	AAUS	(kt CO2 eq)		
		(number of units)		
Kyoto Ducto cal	ocol CERs cer units ICERs units from market-based mechanisms under the Convention units from other market-based mechanisms units from other market-based mechanisms	(kt CO2 eq)		
		(number of units)		
mus	Kyoto Protocol units AAUs ERUs CERs tCERs ICERs Units from market-based mechanisms under the Convention Units from other market-based mechanisms Units from other market-based mechanisms	(kt CO2 eq)		
	000	(number of units)		
	tCERs	(kt CO2 eq)		
	1000	(number of units)		
	ICERs	(kt CO2 eq)		
	Units from market-based mechanisms under the	(number of units)		
	Convention	$(kt \ CO_2 \ eq)$		
Other units				
	Units from other market-based mechanisms	(number of units)		
		$(kt CO_2 eq)$		
Total		(number of units)		
10101		$(kt CO_2 eq)$		

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.

^{*a*} 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.

^c Parties may include this information, as appropriate and if relevant to their target.

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

^e 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^a

Key underlying assum			Projected								
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	kha				0.02	0.04	0.05	0.07	0.10	0.13	0.16
Revegetation area since 1990	kha	2.13	16.24	38.56	62.41	83.21	87.09	97.09	109.59	122.09	134.59

^{*a*} Parties should include key underlying assumptions as appropriate.

^b Parties should include historical data used to develop the greenhouse gas projections reported.

Table 6(a)

Information on updated greenhouse gas projections under a 'with measures' scenario^a

		GHG emissions and removals ^b							
			((kt CO ₂ eq)				(kt CO	₂ eq)
	Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030
Sector ^{d,e}									
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 ₂ emissions including net CO ₂ 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 ₂ emissions excluding net CO ₂ 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 ₄ emissions including CH ₄ from LULUCF	407.80	407.80	428.23	448.07	450.57	467.80	452.67	NE	NE
CH ₄ emissions excluding CH ₄ from LULUCF	406.20	406.20	421.91	440.26	442.77	459.47	444.34	364.24	346.50
N ₂ O emissions including N ₂ O from LULUCF	589.79	589.79	547.43	567.59	524.90	532.54	527.70	NE	NE
N ₂ O emissions excluding N ₂ 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 ₆	1.15	1.15	1.30	1.37	2.64	4.89	3.13	3.13	3.13
Other (specify)									
Total with LULUCF ^f	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^a

		GHG emi	ssions and ren	novals ^b			GHG emissio	n projections
$(kt \ CO_2 \ eq)$							(kt CO 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.

^c 20XX is the reporting due-date year (i.e. 2014 for the first biennial report).

^d 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.

^e 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.

^f Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 7**Provision of public financial support: summary information in 2011**^a

					Year					
		Id	celandic króna - ISK		USD ^b					
Allocation channels			Climate-s	pecific ^d				Climate-speci	fic ^d	
	Core/ general ^c	Mitigation	Adaptation	Cross-cutting ^e	$Other^{f}$	Core/ general ^c	Mitigation	Adaptation	Cross-cutting ^e	<i>Other</i> ^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 ^g			16,412,789.00					141,418.85		
Other multilateral climate change funds ^h										
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	
Total	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.

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

^b 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.

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

^d Parties should explain in their biennial reports how they define funds as being climate-specific.

^e This refers to funding for activities which are cross-cutting across mitigation and adaptation.

^{*f*} Please specify.

^g Multilateral climate change funds listed in paragraph 17(a) of the "UNFCCC biennial reporting guidelines for developed country Parties" in decision 2/CP.17.

^h 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

Custom Footnotes: In determining 'new and additional' financial resources, Iceland both looks at its increasing ODA volumes, as well as the growing share of climate related ODA of total ODA. In 2012 Iceland contributed approximately 2,4 million US dollars in 'new and additional' support . The new and additional funding was drawn from the growing aid program and has not diverted funds from existing development priorities or programs.

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).

Table 7 **Provision of public financial support: summary information in 2012**^a

					Year						
		Id	celandic króna - ISK			USD^{b}					
Allocation channels			Climate-s	pecific ^d		Core/general ^c		Climate-spe	ecific ^d		
	Core/ general ^c	Mitigation	Adaptation	Cross-cutting ^e	<i>Other</i> ^f		Mitigation	Adaptation	Cross-cutting ^e	<i>Other</i> ^f	
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 ^g			19,460,850.00					155,539.97			
Other multilateral climate change funds ^h											
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.

^{*a*} Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

^b 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.

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

^d Parties should explain in their biennial reports how they define funds as being climate-specific.

^e This refers to funding for activities which are cross-cutting across mitigation and adaptation.

^{*f*} Please specify.

^g Multilateral climate change funds listed in paragraph 17(a) of the "UNFCCC biennial reporting guidelines for developed country Parties" in decision 2/CP.17.

^h 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

Custom Footnotes: In determining 'new and additional' financial resources, Iceland both looks at its increasing ODA volumes, as well as the growing share of climate related ODA of total ODA. In 2012 Iceland contributed approximately 2,4 million US dollars in 'new and additional' support . The new and additional funding was drawn from the growing aid program and has not diverted funds from existing development priorities or programs.

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).

Table 7(a)Provision of public financial support: contribution through multilateral channels in 2011^a

		Total a					T :		
Donor funding	Core/gene	eral ^a	Climate-spe	cific ^e	Status ^b	Funding source ^f	Financial	Type of support ^{f, g}	Sector ^c
	Icelandic króna - ISK	USD	Icelandic króna - ISK	USD			instrument ^f		
Total contributions through multilateral channels	580,340,294.00	5,000,433.37	652,569,102.00	5,622,784.29					
Multilateral climate change funds ^g			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
ОСНА	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.

^{*a*} Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

^b 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.

^c 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.

^e Parties should explain in their biennial reports how they define funds as being climate-specific.

^f Please specify.

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

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Table 7(a)Provision of public financial support: contribution through multilateral channels in 2012^a

		Total a							
Donor funding	Core/gener	ral ^d	Climate-spe	ecific ^e	Status ^b	Funding source ^f	Financial	Type of support ^{f, g}	Sector
	Icelandic króna - ISK	USD	Icelandic króna - ISK	USD	Status		instrument ¹	Type of support	5000
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 ^g			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	Provided	ODA	Grant	Cross-cutting	Energy
Other multilateral	23,931,954.00	191,275.07	665,014.00	5,315.09	Provided	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							
	9,838,746.00	78,635.74			Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	274,036,013.00	2,190,220.52	589,590,796.00	4,712,277.99					
United Nations	19,128,623.00	152,884.66	2,302,998.00	18,406.61	Provided	ODA	Grant	Adaptation	Cross-cutting
UNU Geothermal Training Programme			243,158,671.00	1,943,434.77	Provided	ODA	Grant	Cross-cutting	Energy
UNU Fisheries Training Programme			155,400,000.00	1,242,027.53	Provided	ODA	Grant	Adaptation	Agriculture
UNU Land Restoration Training Programme			69,600,000.00	556,274.88	Provided	ODA	Grant	Adaptation	Forestry
UNU Gender Equality Training Programme			45,151,050.00	360,867.74	Provided	ODA	Grant	Cross-cutting	Cross-cutting
UN Women	76,216,650.00	609,158.15	18,840,000.00	150,577.85	Provided	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	1,286,987.00	10,286.19	Provided	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	Provided	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.

^{*a*} Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

^b 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.

^c 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.

^e Parties should explain in their biennial reports how they define funds as being climate-specific.

^f Please specify.

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

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Table 7(b)

Provision of public financial support: contribution through bilateral, regional and other channels in 2011^a

	Total a	mount						
Recipient country/ region/project/programme ^b	Climate-specific ^f		Status ^c	Funding source ^g	Financial instrument ⁸	Type of support ^{g, h}	Sector ^d	Additional information ^e
regioniprojectiprogramme	Icelandic króna - ISK	USD		source	mstrument	support		
Total contributions through bilateral,	190,372,740.	1,640,724.00						
regional and other channels	00							
Malawi /	25,548,776.0 0	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 /	58,122,311.0 0	500,804.00	Provided	ODA	Grant	Adaptation	Cross- cutting	
Nicaragua /	79,496,712.0 0	684,974.00	Provided	ODA	Grant	Mitigation	Energy	
Uganda /	3,190,865.00	27,494.00	Provided	ODA	Grant	Cross- cutting	Cross- cutting	
Other /	16,789,465.0 0	144,664.00	Provided	ODA	Grant	Cross- cutting	Cross- cutting	

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

^{*a*} Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

^b Parties should report, to the extent possible, on details contained in this table.

^c 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.

^d Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".

^e Parties should report, as appropriate, on project details and the implementing agency.

^f Parties should explain in their biennial reports how they define funds as being climate-specific.

^{*g*} Please specify.

^{*h*} 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^a

	Total a	mount						
Recipient country/ region/project/programme ^b	Climate-	specific ^f	Status ^c	Status ^c Funding source ^g		Type of support ^{g, h}	Sector ^d	Additional information ^e
regionsprojecuprogramme	Icelandic	USD		source	instrument ^g	suppori		
	króna - ISK	050						
Total contributions through bilateral,	380,614,077.	3,042,041.00						
regional and other channels	00							
Malawi /	68,184,789.0	544,964.00	Provided	ODA	Grant	Adaptation	Water and	
	0						sanitation	
Mozambique /	205,181,847.	1,639,907.00	Provided	ODA	Grant	Adaptation	Agriculture	
	00							
Nicaragua /	69,512,724.0	555,577.00	Provided	ODA	Grant	Mitigation	Energy	
	0					-		
Uganda /	14,139,585.0	113,010.00	Provided	ODA	Grant	Cross-	Cross-	
	0					cutting	cutting	
Other /	23,595,132.0	188,583.00	Provided	ODA	Grant	Mitigation	Energy	
	0							

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

^{*a*} Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

^b Parties should report, to the extent possible, on details contained in this table.

^c 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.

- ^d Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".
- ^e Parties should report, as appropriate, on project details and the implementing agency.
- ^f Parties should explain in their biennial reports how they define funds as being climate-specific.
- ^{*g*} Please specify.
- ^h 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^{*a,b*}

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

^{*a*} To be reported to the extent possible.

^b The tables should include measures and activities since the last national communication or biennial report.

^c Parties may report sectoral disaggregation, as appropriate.

^d 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**^a

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

^{*a*} To be reported to the extent possible.

^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.

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