BR CTF submission workbook

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Table 1 FIN_BR1_v1.0

Emission trends: summary [(1)]
(Sheet 1 of 3)

CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS EMISSIONS	Base year[a]	1991	1992	1993	1994	1995	1996	1997	1998
	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	41,333.80	26,037.37	30,657.74	34,720.05	46,881.39	43,636.97	40,052.03	43,452.10	42,334.81
CO_2 emissions excluding net CO_2 from LULUCF	56,642.96	55,061.97	54,213.66	56,122.75	61,418.59	57,908.81	63,716.90	62,368.57	59,088.94
CH_4 emissions including CH_4 from LULUCF	6,373.48	6,354.31	6,326.33	6,352.88	6,319.74	6,165.69	6,087.79	6,013.14	5,808.67
CH_4 emissions excluding CH_4 from LULUCF	6,330.07	6,312.78	6,282.83	6,310.64	6,275.44	6,120.79	6,042.63	5,966.43	5,762.62
N_2O emissions including N_2O from LULUCF	7,467.99	6,899.20	6,387.13	6,553.94	6,687.81	6,859.14	6,817.51	6,777.92	6,615.81
N_2O emissions excluding N_2O from LULUCF	7,364.26	6,801.79	6,300.29	6,471.47	6,595.69	6,770.28	6,725.99	6,679.82	6,515.89
HFCs	0.02	0.05	0.10	0.10	6.52	29.33	77.30	167.77	245.22
PFCs	0.07	0.08	0.09	0.10	0.12	0.14	0.16	0.18	0.21
SF_6	114.94	82.52	45.82	30.00	31.42	71.29	72.39	70.60	56.28
Total (including LULUCF)	55,290.29	39,373.54	43,417.20	47,657.07	59,927.00	56,762.56	53,107.19	56,481.71	55,061.01
Total (excluding LULUCF)	70,452.31	68,259.20	66,842.79	68,935.07	74,327.79	70,900.64	76,635.36	75,253.37	71,669.16

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year[a]	1991	1992	1993	1994	1995	1996	1997	1998
	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	54,494.93	53,057.00	52,336.71	54,291.79	59,525.91	56,063.48	61,761.38	60,168.08	56,855.99
2. Industrial Processes	5,130.08	4,735.46	4,443.39	4,501.93	4,686.12	4,699.08	4,919.33	5,226.93	5,232.25
3. Solvent and Other Product Use	178.37	170.51	157.56	150.42	146.56	142.77	137.96	135.72	136.28
4. Agriculture	6,674.33	6,284.14	5,877.72	5,969.01	6,002.11	6,084.25	5,998.04	6,004.85	5,889.87
5. Land Use, Land-Use Change and Forestry[b]	-15,162.01	-28,885.67	-23,425.58	-21,278.00	-14,400.79	-14,138.07	-23,528.18	-18,771.67	-16,608.16
6. Waste	3,974.60	4,012.10	4,027.41	4,021.92	3,967.08	3,911.06	3,818.65	3,717.79	3,554.78
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	55,290.29	39,373.54	43,417.20	47,657.07	59,927.00	56,762.56	53,107.19	56,481.71	55,061.01

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 FIN_BR1_v1.0

Emission trends: summary [1]
(Sheet 2 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS EMISSIONS	*1999*	2000	2001	2002	2003	2004	2005	2006	2007	2008
	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	kt CO_2 eq
CO_2 emissions including net CO_2 from LULUCF	38,727.13	36,261.36	38,271.21	40,208.55	47,440.26	42,674.10	26,475.90	33,946.29	40,458.43	28,180.14
CO_2 emissions excluding net CO_2 from LULUCF	58,669.46	56,859.61	62,128.70	64,583.56	72,329.48	68,438.66	56,569.94	68,037.61	66,337.56	58,006.79
CH_4 emissions including CH_4 from LULUCF	5,681.73	5,470.12	5,342.93	5,155.12	4,974.31	4,805.10	4,594.30	4,660.52	4,533.08	4,429.90
CH_4 emissions excluding CH_4 from LULUCF	5,633.70	5,422.61	5,293.17	5,105.09	4,924.97	4,757.17	4,544.84	4,609.62	4,482.03	4,376.73
N_2O emissions including N_2O from LULUCF	6,522.58	6,594.18	6,534.21	6,622.61	6,767.93	6,778.17	6,814.34	6,726.44	6,763.22	6,924.16
N_2O emissions excluding N_2O from LULUCF	6,424.16	6,494.99	6,432.08	6,519.02	6,664.52	6,673.81	6,709.30	6,612.80	6,647.65	6,785.86
HFCs	318.35	491.76	646.38	463.22	651.31	693.75	863.45	747.16	903.28	993.19
PFCs	27.97	22.46	20.06	13.37	14.85	12.23	9.88	15.43	8.40	11.23
SF_6	49.59	53.97	53.74	57.91	61.59	58.89	65.88	70.82	52.89	51.16
Total (including LULUCF)	51,327.34	48,893.85	50,868.54	52,520.79	59,910.25	55,022.23	38,823.74	46,166.67	52,719.31	40,589.77
Total (excluding LULUCF)	71,123.22	69,345.39	74,574.13	76,742.18	84,646.73	80,634.51	68,763.29	80,093.44	78,431.81	70,224.95

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1999*	2000	2001	2002	2003	2004	2005	2006	2007	2008
	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	kt CO_2 eq
1. Energy	56,316.31	54,464.87	59,756.94	62,333.72	69,918.36	65,786.75	54,035.63	65,375.46	63,286.79	54,758.41
2. Industrial Processes	5,390.08	5,582.97	5,726.76	5,488.26	5,980.17	6,298.17	6,374.27	6,301.80	6,829.80	7,165.16
3. Solvent and Other Product Use	135.04	124.71	122.00	111.08	104.46	105.10	106.39	100.18	97.07	86.59
4. Agriculture	5,806.57	5,901.67	5,828.60	5,885.68	5,895.93	5,833.19	5,842.31	5,842.53	5,842.26	5,931.53
5. Land Use, Land-Use Change and Forestry[b]	-19,795.88	-20,451.54	-23,705.59	-24,221.39	-24,736.48	-25,612.28	-29,939.55	-33,926.77	-25,712.50	-29,635.18
6. Waste	3,475.23	3,271.16	3,139.82	2,923.45	2,747.82	2,611.30	2,404.68	2,473.46	2,375.89	2,283.26
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	51,327.34	48,893.85	50,868.54	52,520.79	59,910.25	55,022.23	38,823.74	46,166.67	52,719.31	40,589.77

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

Table 1 FIN_BR1_v1.0

Emission trends: summary [(1)]
(Sheet 3 of 3) CRF: Submission 2014 v1.5, FINLAND

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	15,595.92	38,769.62	31,718.23	-23.26
CO_2 emissions excluding net CO_2 from LULUCF	55,056.58	63,584.08	56,492.84	-0.27
CH_4 emissions including CH_4 from LULUCF	4,355.88	4,409.86	4,279.31	-32.86
CH_4 emissions excluding CH_4 from LULUCF	4,300.69	4,353.04	4,219.75	-33.34
N_2O emissions including N_2O from LULUCF	5,891.38	5,548.48	5,395.35	-27.75
N_2O emissions excluding N_2O from LULUCF	5,759.68	5,414.54	5,257.74	-28.60
HFCs	888.83	1,163.96	1,025.91	5,796,001.02
PFCs	9.32	0.75	1.38	1,865.43
SF_6	49.82	35.07	35.82	-68.83
Total (including LULUCF)	26,791.14	49,927.73	42,456.00	-23.21
Total (excluding LULUCF)	66,064.92	74,551.43	67,033.43	-4.85

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	52,679.77	60,550.11	53,384.91	-2.04
2. Industrial Processes	5,348.06	5,772.53	5,585.86	8.88
3. Solvent and Other Product Use	72.27	73.58	69.83	-60.85
4. Agriculture	5,778.37	5,969.70	5,881.11	-11.88
5. Land Use, Land-Use Change and Forestry[b]	-39,273.78	-24,623.70	-24,577.44	62.10
6. Waste	2,186.45	2,185.52	2,111.73	-46.87
7. Other	NA	NA	NA	0.00
Total (including LULUCF)	26,791.14	49,927.73	42,456.00	-23.21

Notes:

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO_2)", "Emission trends (CH_4)", "Emission trends (N_2O)" and "Emission trends (HFCs, PFCs and SF_6)", 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.

[b] Includes net CO_2, CH_4 and N_2O from LULUCF.

Custom Footnotes

Table 1 (a) FIN_BR1_v1.0

Emission trends (CO_2)

(Sheet 1 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year*[a]	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	53,172.37	51,743.69	51,028.71	52,932.02	58,130.58	54,702.23	60,344.44	58,759.16	55,469.57
A. Fuel Combustion (Sectoral Approach)	52,953.52	51,535.56	50,810.54	52,665.49	57,964.97	54,531.56	60,189.76	58,563.72	55,326.39
1. Energy Industries	19,057.37	18,818.12	18,578.92	21,289.99	26,193.63	23,917.74	29,590.31	27,201.55	23,945.96
2. Manufacturing Industries and Construction	13,171.56	12,662.14	12,144.35	12,232.09	12,518.95	11,956.17	11,815.18	12,072.84	11,738.16
3. Transport	12,483.40	12,132.78	12,052.49	11,589.23	11,939.03	11,735.32	11,724.60	12,298.25	12,446.97
4. Other Sectors	6,906.97	6,718.54	6,833.25	6,447.14	5,949.94	5,462.21	5,556.30	5,547.00	5,620.46
5. Other	1,334.21	1,203.99	1,201.53	1,107.03	1,363.43	1,460.11	1,503.36	1,444.07	1,574.84
B. Fugitive Emissions from Fuels	218.85	208.13	218.17	266.53	165.61	170.68	154.68	195.44	143.18
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	218.85	208.13	218.17	266.53	165.61	170.68	154.68	195.44	143.18
2. Industrial Processes	3,354.22	3,209.77	3,089.39	3,102.32	3,203.45	3,125.81	3,296.50	3,535.69	3,545.09
A. Mineral Products	1,267.71	1,096.60	990.82	902.89	957.71	929.11	960.94	987.51	996.01
B. Chemical Industry	150.88	164.69	136.95	123.39	161.31	149.90	161.43	161.79	157.52
C. Metal Production	1,935.62	1,948.49	1,961.62	2,076.04	2,084.44	2,046.80	2,174.13	2,386.39	2,391.57
D. Other Production	NO	NO	NO	NO	NO	NO	NO	NO	NO
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	116.37	108.51	95.56	88.42	84.56	80.77	75.96	73.72	74.28
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	-15,309.16	-29,024.60	-23,555.92	-21,402.71	-14,537.21	-14,271.85	-23,664.86	-18,916.47	-16,754.13
A. Forest Land	-22,947.70	-37,421.95	-31,261.33	-29,602.82	-22,136.17	-22,095.74	-31,408.85	-25,848.74	-24,210.70
B. Cropland	5,650.77	5,073.92	4,914.27	5,198.90	5,189.65	5,507.80	5,599.07	5,723.32	5,827.08
C. Grassland	759.68	749.22	682.73	647.62	620.86	588.58	517.85	529.65	522.69
D. Wetlands	1,244.25	1,283.22	1,319.17	1,361.37	1,386.30	1,416.61	1,412.21	1,408.89	1,404.62
E. Settlements	929.47	983.71	1,013.91	1,085.41	1,158.50	1,180.71	1,262.57	1,391.97	1,468.68
F. Other Land	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO
G. Other	-945.64	307.28	-224.67	-93.19	-756.35	-869.80	-1,047.72	-2,121.56	-1,766.49
6. Waste	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO
A. Solid Waste Disposal on Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Waste-water Handling									
C. Waste Incineration	IE	IE	IE	IE	IE	IE	IE	IE	IE
D. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
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	41,333.80	26,037.37	30,657.74	34,720.05	46,881.39	43,636.97	40,052.03	43,452.10	42,334.81
Total CO2 emissions excluding net CO2 from LULUCF	56,642.96	55,061.97	54,213.66	56,122.75	61,418.59	57,908.81	63,716.90	62,368.57	59,088.94
Memo Items:									
International Bunkers	2,843.05	2,696.93	3,047.25	2,515.66	2,171.82	1,957.66	2,161.41	2,297.06	2,683.55
Aviation	1,007.74	948.31	838.29	787.78	829.36	896.99	960.24	997.64	1,022.16
Marine	1,835.31	1,748.62	2,208.96	1,727.88	1,342.46	1,060.67	1,201.17	1,299.42	1,661.39
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass	19,283.91	18,977.38	18,687.89	22,204.62	23,046.43	23,436.63	23,444.46	26,694.92	27,636.59

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

Table 1 (a) FIN_BR1_v1.0

Emission trends (CO_2)

(Sheet 2 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1999*	2000	2001	2002	2003	2004	2005	2006	2007	2008
	kt	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	54,958.41	53,145.92	58,350.43	60,906.16	68,429.69	64,346.52	52,709.56	63,955.73	61,899.55	53,432.36
A. Fuel Combustion (Sectoral Approach)	54,830.83	53,017.98	58,231.61	60,781.98	68,310.70	64,231.99	52,582.45	63,841.63	61,768.41	53,293.06
1. Energy Industries	23,434.75	21,899.22	27,234.56	29,945.95	36,877.02	32,712.49	21,645.60	32,516.85	30,451.41	23,764.41
2. Manufacturing Industries and Construction	11,715.54	11,734.69	11,287.72	10,984.73	11,349.58	11,436.34	11,152.16	11,437.18	11,263.52	10,608.40
3. Transport	12,682.81	12,591.96	12,712.50	12,907.59	13,096.22	13,451.33	13,480.14	13,668.09	14,038.71	13,383.97
4. Other Sectors	5,520.37	5,175.54	5,398.77	5,354.27	5,257.69	5,135.30	4,826.75	4,715.47	4,545.39	4,125.30
5. Other	1,477.36	1,616.56	1,598.06	1,589.43	1,730.19	1,496.54	1,477.79	1,504.04	1,469.38	1,410.97
B. Fugitive Emissions from Fuels	127.58	127.93	118.82	124.19	118.99	114.53	127.11	114.10	131.14	139.30
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	127.58	127.93	118.82	124.19	118.99	114.53	127.11	114.10	131.14	139.30
2. Industrial Processes	3,638.00	3,641.68	3,705.87	3,609.72	3,835.64	4,027.33	3,800.48	4,021.07	4,377.36	4,521.96
A. Mineral Products	1,072.72	1,124.42	1,140.18	1,145.01	1,182.70	1,272.93	1,257.21	1,333.95	1,351.09	1,298.13
B. Chemical Industry	154.66	166.65	163.99	181.45	204.73	213.85	171.27	248.96	566.11	700.23
C. Metal Production	2,410.62	2,350.62	2,401.70	2,283.26	2,448.21	2,540.56	2,372.01	2,438.15	2,460.15	2,523.60
D. Other Production	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	73.04	72.01	72.40	67.68	64.16	64.80	59.89	60.81	60.65	52.48
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	-19,942.33	-20,598.25	-23,857.49	-24,375.01	-24,889.23	-25,764.56	-30,094.04	-34,091.32	-25,879.12	-29,826.65
A. Forest Land	-27,226.25	-28,703.47	-33,339.03	-33,918.42	-33,965.56	-35,215.32	-40,167.25	-43,905.54	-35,020.56	-40,088.02
B. Cropland	5,873.23	5,956.06	6,144.58	6,322.66	6,294.31	6,342.23	6,312.75	6,269.84	6,169.66	6,142.87
C. Grassland	506.94	458.37	477.87	467.28	401.11	454.36	459.80	433.87	381.17	345.87
D. Wetlands	1,452.87	1,471.99	1,481.78	1,477.67	1,509.31	1,488.67	1,559.92	1,594.23	1,762.69	1,772.08
E. Settlements	1,489.32	1,485.30	1,692.12	1,712.60	1,760.73	1,997.18	2,080.95	1,967.01	2,038.26	1,880.55
F. Other Land	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO
G. Other	-2,038.44	-1,266.51	-314.82	-436.80	-889.13	-831.68	-340.22	-450.72	-1,210.34	119.99
6. Waste	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO
A. Solid Waste Disposal on Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Waste-water Handling										
C. Waste Incineration	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE
D. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CO2 emissions including net CO2 from LULUCF	38,727.13	36,261.36	38,271.21	40,208.55	47,440.26	42,674.10	26,475.90	33,946.29	40,458.43	28,180.14
Total CO2 emissions excluding net CO2 from LULUCF	58,669.46	56,859.61	62,128.70	64,583.56	72,329.48	68,438.66	56,569.94	68,037.61	66,337.56	58,006.79
Memo Items:										
International Bunkers	2,866.78	3,113.68	2,925.91	3,150.32	3,171.40	2,933.78	2,906.90	3,225.45	3,117.63	3,071.55
Aviation	1,094.05	1,063.30	1,089.95	1,077.58	1,113.52	1,282.24	1,290.15	1,434.57	1,655.64	1,792.08
Marine	1,772.73	2,050.38	1,835.96	2,072.74	2,057.89	1,651.53	1,616.75	1,790.88	1,461.99	1,279.47
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass	29,233.49	29,393.19	28,513.70	30,772.12	31,357.30	32,913.81	30,725.44	34,368.16	33,075.16	33,743.03

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

Table 1(a) FIN_BR1_v1.0

Emission trends (CO_2)

(Sheet 3 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	51,409.76	59,140.92	52,070.83	-2.07
A. Fuel Combustion (Sectoral Approach)	51,296.14	59,003.46	51,949.57	-1.90
1. Energy Industries	24,814.73	30,106.36	24,272.07	27.36
2. Manufacturing Industries and Construction	8,259.86	9,733.07	9,514.75	-27.76
3. Transport	12,708.25	13,216.01	13,014.98	4.26
4. Other Sectors	4,135.61	4,442.75	3,743.97	-45.79
5. Other	1,377.69	1,505.27	1,403.79	5.22
B. Fugitive Emissions from Fuels	113.62	137.47	121.26	-44.59
1. Solid Fuels	NO	NO	NO	0.00
2. Oil and Natural Gas	113.62	137.47	121.26	-44.59
2. Industrial Processes	3,599.33	4,397.48	4,378.83	30.55
A. Mineral Products	932.09	1,215.86	1,307.52	3.14
B. Chemical Industry	722.02	773.39	712.66	372.32
C. Metal Production	1,945.22	2,408.23	2,358.64	21.85
D. Other Production	NO	NO	NO	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	47.49	45.68	43.19	-62.88
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	-39,460.66	-24,814.47	-24,774.62	61.83
A. Forest Land	-50,845.47	-35,754.00	-35,982.67	56.80
B. Cropland	6,080.34	6,416.55	6,834.99	20.96
C. Grassland	259.82	285.53	217.01	-71.43
D. Wetlands	1,810.25	1,933.20	1,983.21	59.39
E. Settlements	1,621.11	1,681.46	1,522.73	63.83
F. Other Land	IE, NA, NO	IE, NA, NO	IE, NA, NO	0.00
G. Other	1,613.29	622.80	650.12	-168.75
6. Waste	IE, NO	IE, NO	IE, NO	0.00
A. Solid Waste Disposal on Land	NO	NO	NO	0.00
B. Waste-water Handling				
C. Waste Incineration	IE	IE	IE	0.00
D. Other	NO	NO	NO	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	15,595.92	38,769.62	31,718.23	-23.26
Total CO2 emissions excluding net CO2 from LULUCF	55,056.58	63,584.08	56,492.84	-0.27
Memo Items:				
International Bunkers	2,352.80	2,310.72	2,568.65	-9.65
Aviation	1,570.07	1,653.51	1,956.64	94.16
Marine	782.73	657.20	612.01	-66.65
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass	30,126.21	35,669.43	35,343.59	83.28

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 (+).

Custom Footnotes

Table 1(b) FIN_BR1_v1.0

Emission trends (CH_4)

(Sheet 1 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year*[a]	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	15.14	16.29	16.91	17.60	18.04	18.00	18.45	17.87	17.90
A. Fuel Combustion (Sectoral Approach)	14.60	14.32	14.24	14.14	14.22	14.20	14.52	14.46	14.43
1. Energy Industries	0.39	0.41	0.42	0.48	0.58	0.62	0.73	0.76	0.78
2. Manufacturing Industries and Construction	0.61	0.59	0.57	0.65	0.67	0.69	0.67	0.71	0.69
3. Transport	4.73	4.49	4.36	4.18	4.02	3.90	3.74	3.60	3.47
4. Other Sectors	8.71	8.69	8.76	8.72	8.80	8.80	9.19	9.20	9.30
5. Other	0.16	0.14	0.12	0.11	0.14	0.19	0.19	0.19	0.21
B. Fugitive Emissions from Fuels	0.53	1.98	2.67	3.45	3.82	3.81	3.93	3.41	3.47
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	0.53	1.98	2.67	3.45	3.82	3.81	3.93	3.41	3.47
2. Industrial Processes	0.24	0.24	0.25	0.44	0.46	0.46	0.46	0.44	0.46
A. Mineral Products	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Chemical Industry	NO	NO	NO	NO	NO	NO	NO	NO	NO
C. Metal Production	0.24	0.24	0.25	0.44	0.46	0.46	0.46	0.44	0.46
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	104.61	100.66	97.83	98.39	98.92	94.50	94.76	96.48	94.31
A. Enteric Fermentation	92.71	89.13	86.15	86.37	86.40	81.51	81.69	82.63	80.73
B. Manure Management	11.81	11.52	11.67	12.00	12.51	12.97	13.04	13.83	13.57
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	0.09	0.01	0.01	0.02	0.01	0.02	0.03	0.02	0.01
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	2.07	1.98	2.07	2.01	2.11	2.14	2.15	2.22	2.19
A. Forest Land	0.19	0.08	0.15	0.05	0.11	0.10	0.07	0.10	0.04
B. Cropland	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
C. Grassland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
D. Wetlands	1.87	1.90	1.93	1.96	2.00	2.04	2.08	2.12	2.16
E. Settlements	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
F. Other Land	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	181.45	183.42	184.19	184.09	181.41	178.50	174.08	169.33	161.74
A. Solid Waste Disposal on Land	173.11	175.38	176.03	175.68	173.04	169.80	165.36	160.67	153.13
B. Waste-water Handling	7.31	6.89	6.87	7.02	6.88	7.00	6.82	6.73	6.57
C. Waste Incineration	IE	IE	IE	IE	IE	IE	IE	IE	IE
D. Other	1.03	1.15	1.29	1.39	1.49	1.70	1.91	1.92	2.04
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	303.50	302.59	301.25	302.52	300.94	293.60	289.89	286.34	276.60
Total CH4 emissions excluding CH4 from LULUCF	301.43	300.61	299.18	300.51	298.83	291.47	287.74	284.12	274.41
Memo Items:									
International Bunkers	0.16	0.15	0.18	0.15	0.12	0.10	0.12	0.13	0.15
Aviation	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Marine	0.14	0.13	0.16	0.13	0.10	0.07	0.09	0.09	0.12
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass									

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

Table 1(b) FIN_BR1_v1.0

Emission trends (CH_4)

(Sheet 2 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1999*	2000	2001	2002	2003	2004	2005	2006	2007	2008
	kt	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	16.91	16.27	17.91	17.81	18.20	17.60	17.62	17.58	17.21	17.24
A. Fuel Combustion (Sectoral Approach)	14.10	13.65	14.68	15.09	15.26	14.98	14.57	14.94	14.78	14.91
1. Energy Industries	0.77	0.73	0.92	1.15	1.33	1.18	0.97	1.18	1.08	1.06
2. Manufacturing Industries and Construction	0.70	0.72	0.67	0.65	0.66	0.68	0.64	0.70	0.66	0.62
3. Transport	3.35	3.15	3.02	2.92	2.79	2.59	2.41	2.24	2.12	1.91
4. Other Sectors	9.08	8.83	9.88	10.15	10.25	10.30	10.30	10.59	10.67	11.09
5. Other	0.20	0.21	0.20	0.21	0.23	0.21	0.25	0.23	0.24	0.24
B. Fugitive Emissions from Fuels	2.81	2.62	3.23	2.72	2.94	2.62	3.05	2.64	2.44	2.33
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	2.81	2.62	3.23	2.72	2.94	2.62	3.05	2.64	2.44	2.33
2. Industrial Processes	0.45	0.46	0.45	0.46	0.45	0.45	0.45	0.43	0.43	0.43
A. Mineral Products	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Chemical Industry	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
C. Metal Production	0.45	0.46	0.45	0.46	0.45	0.45	0.45	0.43	0.43	0.43
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	NA
3. Solvent and Other Product Use										
4. Agriculture	92.86	93.27	91.82	93.12	92.68	91.80	91.64	91.67	90.60	90.06
A. Enteric Fermentation	79.49	79.60	78.59	79.34	78.43	77.56	76.98	77.03	75.98	75.35
B. Manure Management	13.36	13.63	13.21	13.76	14.24	14.22	14.64	14.63	14.59	14.69
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	0.01	0.04	0.02	0.02	0.02	0.02	0.01	0.02	0.03	0.02
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	2.29	2.26	2.37	2.38	2.35	2.28	2.36	2.42	2.43	2.53
A. Forest Land	0.09	0.04	0.12	0.13	0.09	0.03	0.07	0.11	0.05	0.06
B. Cropland	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
C. Grassland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
D. Wetlands	2.20	2.22	2.25	2.25	2.26	2.26	2.29	2.31	2.38	2.47
E. Settlements	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
F. Other Land	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	158.05	148.23	141.88	131.71	123.20	116.68	106.71	109.82	105.19	100.69
A. Solid Waste Disposal on Land	149.51	139.68	133.31	122.83	114.34	107.73	97.61	100.43	95.78	91.43
B. Waste-water Handling	6.37	6.27	6.19	6.40	6.26	6.25	6.08	6.13	6.14	6.05
C. Waste Incineration	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE
D. Other	2.16	2.28	2.38	2.49	2.59	2.69	3.02	3.26	3.27	3.21
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CH4 emissions including CH4 from LULUCF	270.56	260.48	254.43	245.48	236.87	228.81	218.78	221.93	215.86	210.95
Total CH4 emissions excluding CH4 from LULUCF	268.27	258.22	252.06	243.10	234.52	226.53	216.42	219.51	213.43	208.42
Memo Items:										
International Bunkers	0.17	0.20	0.18	0.18	0.18	0.15	0.15	0.16	0.14	0.13
Aviation	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.04
Marine	0.14	0.15	0.14	0.15	0.16	0.12	0.12	0.13	0.11	0.09
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass										

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

Table 1(b) FIN_BR1_v1.0

Emission trends (CH_4)

(Sheet 3 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	17.43	18.66	16.75	10.70
A. Fuel Combustion (Sectoral Approach)	15.23	16.76	15.03	2.91
1. Energy Industries	1.00	1.17	1.05	165.26
2. Manufacturing Industries and Construction	0.52	0.70	0.79	30.14
3. Transport	1.84	1.79	1.76	-62.84
4. Other Sectors	11.64	12.87	11.16	28.20
5. Other	0.23	0.24	0.26	70.12
B. Fugitive Emissions from Fuels	2.19	1.90	1.73	223.17
1. Solid Fuels	NO	NO	NO	0.00
2. Oil and Natural Gas	2.19	1.90	1.73	223.17
2. Industrial Processes	0.37	0.41	0.43	75.03
A. Mineral Products	NO	NO	NO	0.00
B. Chemical Industry	NO	NO	NO	0.00
C. Metal Production	0.37	0.41	0.43	75.03
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	90.28	91.77	90.90	-13.11
A. Enteric Fermentation	75.95	77.37	76.53	-17.45
B. Manure Management	14.30	14.38	14.35	21.51
C. Rice Cultivation	NO	NO	NO	0.00
D. Agricultural Soils	NE, NO	NE, NO	NE, NO	0.00
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	0.02	0.02	0.02	-79.07
G. Other	NO	NO	NO	0.00
5. Land Use, Land-Use Change and Forestry	2.63	2.71	2.84	37.21
A. Forest Land	0.05	0.03	0.05	-74.38
B. Cropland	NA, NE	NA, NE	NA, NE	0.00
C. Grassland	NE, NO	NE, NO	NE, NO	0.00
D. Wetlands	2.58	2.67	2.79	48.72
E. Settlements	NA, NE	NA, NE	NA, NE	0.00
F. Other Land	IE, NA	IE, NA	IE, NA	0.00
G. Other	NE	NE	NE	0.00
6. Waste	96.72	96.45	92.86	-48.82
A. Solid Waste Disposal on Land	88.05	87.76	84.23	-51.35
B. Waste-water Handling	5.68	5.70	5.56	-23.88
C. Waste Incineration	IE	IE	IE	0.00
D. Other	2.98	2.99	3.07	199.49
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CH4 emissions including CH4 from LULUCF	207.42	209.99	203.78	-32.86
Total CH4 emissions excluding CH4 from LULUCF	204.79	207.29	200.94	-33.34
Memo Items:				
International Bunkers	0.09	0.08	0.08	-52.65
Aviation	0.03	0.03	0.03	31.82
Marine	0.06	0.05	0.04	-69.06
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.

Custom Footnotes

Table 1(c) FIN_BR1_v1.0

Emission trends (N_2O)

(Sheet 1 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year*[a]	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	3.24	3.13	3.07	3.19	3.28	3.17	3.32	3.33	3.26
A. Fuel Combustion (Sectoral Approach)	3.24	3.13	3.07	3.19	3.28	3.17	3.32	3.33	3.26
1. Energy Industries	0.39	0.43	0.46	0.52	0.60	0.61	0.72	0.71	0.71
2. Manufacturing Industries and Construction	0.56	0.52	0.48	0.53	0.55	0.54	0.55	0.60	0.59
3. Transport	0.56	0.56	0.56	0.56	0.56	0.57	0.57	0.58	0.59
4. Other Sectors	0.28	0.27	0.27	0.26	0.25	0.24	0.24	0.24	0.25
5. Other	1.45	1.36	1.31	1.31	1.32	1.22	1.23	1.19	1.12
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	5.34	4.64	4.20	4.39	4.63	4.72	4.72	4.66	4.44
A. Mineral Products	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Chemical Industry	5.34	4.64	4.20	4.39	4.63	4.72	4.72	4.66	4.44
C. Metal Production	NO	NO	NO	NO	NO	NO	NO	NO	NO
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	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
4. Agriculture	14.44	13.45	12.33	12.59	12.66	13.23	12.93	12.83	12.61
A. Enteric Fermentation									
B. Manure Management	1.57	1.46	1.43	1.44	1.46	1.43	1.46	1.50	1.46
C. Rice Cultivation									
D. Agricultural Soils	12.87	11.99	10.90	11.15	11.20	11.80	11.47	11.34	11.15
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.33	0.31	0.28	0.27	0.30	0.29	0.30	0.32	0.32
A. Forest Land	0.09	0.07	0.03	0.01	0.04	0.02	0.03	0.04	0.04
B. Cropland	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
C. Grassland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
D. Wetlands	0.22	0.23	0.23	0.23	0.24	0.25	0.25	0.26	0.26
E. Settlements	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
F. Other Land	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	0.53	0.52	0.51	0.50	0.51	0.52	0.53	0.52	0.51
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.46	0.44	0.43	0.41	0.41	0.41	0.40	0.40	0.38
C. Waste Incineration	IE	IE	IE	IE	IE	IE	IE	IE	IE
D. Other	0.07	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13
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	24.09	22.26	20.60	21.14	21.57	22.13	21.99	21.86	21.34
Total N2O emissions excluding N2O from LULUCF	23.76	21.94	20.32	20.88	21.28	21.84	21.70	21.55	21.02
Memo Items:									
International Bunkers	0.09	0.08	0.09	0.08	0.07	0.06	0.07	0.08	0.09
Aviation	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04
Marine	0.05	0.05	0.06	0.05	0.04	0.03	0.03	0.03	0.04
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass									

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

Table 1(c) FIN_BR1_v1.0

Emission trends (N_2O)

(Sheet 2 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1999*	2000	2001	2002	2003	2004	2005	2006	2007	2008
	kt	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	3.23	3.15	3.32	3.40	3.57	3.45	3.08	3.39	3.31	3.11
A. Fuel Combustion (Sectoral Approach)	3.23	3.15	3.32	3.40	3.57	3.45	3.08	3.39	3.31	3.11
1. Energy Industries	0.68	0.66	0.82	0.94	1.06	1.00	0.82	1.07	1.06	0.99
2. Manufacturing Industries and Construction	0.61	0.61	0.59	0.56	0.56	0.59	0.55	0.53	0.50	0.48
3. Transport	0.60	0.59	0.60	0.60	0.60	0.60	0.59	0.59	0.58	0.56
4. Other Sectors	0.24	0.23	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.23
5. Other	1.10	1.05	1.06	1.04	1.09	1.02	0.88	0.97	0.92	0.85
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	4.34	4.40	4.17	4.30	4.54	4.83	5.24	4.64	4.77	5.09
A. Mineral Products	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Chemical Industry	4.34	4.40	4.17	4.30	4.54	4.83	5.24	4.64	4.77	5.09
C. Metal Production	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
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	NA
3. Solvent and Other Product Use	0.20	0.17	0.16	0.14	0.13	0.13	0.15	0.13	0.12	0.11
4. Agriculture	12.44	12.72	12.58	12.68	12.74	12.60	12.64	12.64	12.71	13.03
A. Enteric Fermentation										
B. Manure Management	1.42	1.41	1.33	1.37	1.39	1.36	1.36	1.34	1.33	1.31
C. Rice Cultivation										
D. Agricultural Soils	11.02	11.31	11.25	11.30	11.35	11.24	11.28	11.30	11.38	11.73
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.37	0.37	0.45
A. Forest Land	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.11
B. Cropland	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
C. Grassland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
D. Wetlands	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.29	0.30
E. Settlements	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE	NA, NE
F. Other Land	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA	IE, NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	0.50	0.51	0.52	0.51	0.52	0.52	0.53	0.54	0.54	0.54
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.36	0.36	0.36	0.34	0.35	0.34	0.33	0.33	0.32	0.33
C. Waste Incineration	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE
D. Other	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.21	0.22	0.21
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total N2O emissions including N2O from LULUCF	21.04	21.27	21.08	21.36	21.83	21.87	21.98	21.70	21.82	22.34
Total N2O emissions excluding N2O from LULUCF	20.72	20.95	20.75	21.03	21.50	21.53	21.64	21.33	21.44	21.89
Memo Items:										
International Bunkers	0.09	0.10	0.09	0.10	0.10	0.09	0.09	0.10	0.11	0.11
Aviation	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.07	0.07
Marine	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.04	0.03
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass										

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

Table 1(c) FIN_BR1_v1.0

Emission trends (N_2O)

(Sheet 3 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	2.92	3.28	3.10	-4.23
A. Fuel Combustion (Sectoral Approach)	2.91	3.28	3.10	-4.23
1. Energy Industries	0.94	1.16	1.08	174.62
2. Manufacturing Industries and Construction	0.40	0.45	0.44	-20.56
3. Transport	0.56	0.57	0.57	1.26
4. Other Sectors	0.24	0.26	0.22	-19.75
5. Other	0.78	0.84	0.79	-45.51
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	2.80
1. Solid Fuels	NO	NO	NO	0.00
2. Oil and Natural Gas	0.00	0.00	0.00	2.80
2. Industrial Processes	2.56	0.54	0.44	-91.85
A. Mineral Products	NO	NO	NO	0.00
B. Chemical Industry	2.56	0.54	0.44	-91.85
C. Metal Production	NO	NO	NO	0.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	0.08	0.09	0.09	-57.04
4. Agriculture	12.52	13.04	12.81	-11.28
A. Enteric Fermentation				
B. Manure Management	1.36	1.37	1.37	-12.61
C. Rice Cultivation				
D. Agricultural Soils	11.17	11.67	11.44	-11.11
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	0.00	0.00	0.00	-79.07
G. Other	NO	NO	NO	0.00
5. Land Use, Land-Use Change and Forestry	0.42	0.43	0.44	32.66
A. Forest Land	0.08	0.07	0.07	-22.63
B. Cropland	0.03	0.04	0.04	68.56
C. Grassland	NE, NO	NE, NO	NE, NO	0.00
D. Wetlands	0.31	0.32	0.34	50.89
E. Settlements	NA, NE	NA, NE	NA, NE	0.00
F. Other Land	IE, NA	IE, NA	IE, NA	0.00
G. Other	NE	NE	NE	0.00
6. Waste	0.50	0.52	0.52	-1.61
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.30	0.31	0.31	-32.87
C. Waste Incineration	IE	IE	IE	0.00
D. Other	0.20	0.20	0.21	218.41
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total N2O emissions including N2O from LULUCF	19.00	17.90	17.40	-27.75
Total N2O emissions excluding N2O from LULUCF	18.58	17.47	16.96	-28.60
Memo Items:				
International Bunkers	0.09	0.09	0.08	-5.12
Aviation	0.07	0.07	0.07	67.07
Marine	0.02	0.02	0.02	-67.07
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.

Custom Footnotes

Table 1(d) FIN_BR1_v1.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 1 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year*[a]	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
Emissions of HFCsc - (kt CO2 eq)	0.02	0.05	0.10	0.10	6.52	29.33	77.30	167.77	245.22
HFC-23	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	0.00	C, NA, NO
HFC-32	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00
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, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.01	0.02
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.01	0.04	0.09	0.09
HFC-152a	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.04	0.03
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.01	0.02
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)	0.01	0.01	NA, NO	0.01	NA, NO	0.01	NA, NO	0.12	0.02
Emissions of PFCsc - (kt CO2 eq)	0.07	0.08	0.09	0.10	0.12	0.14	0.16	0.18	0.21
CF_4	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO
C_2F_6	C, NA, NO	C, NA, NO	NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO
C 3F8	C, NA, NO	C, NA, NO	NA, NO	C, NA, NO	C, IE, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO
C_4F_{10}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C_4F_8	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_5F_{12}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_6F_{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)	0.07	0.08	0.09	0.10	0.12	0.14	0.16	0.18	0.21
Emissions of SF6(3) - (Gg CO2 equivalent)	114.94	82.52	45.82	30.00	31.42	71.29	72.39	70.60	56.28
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) FIN_BR1_v1.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 2 of 3) CRF: Submission 2014 v1.5, FINLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1999*	2000	2001	2002	2003	2004	2005	2006	2007	2008
	kt	kt	kt	kt	kt	kt	kt	kt	kt	kt
Emissions of HFCsc - (kt CO2 eq)	318.35	491.76	646.38	463.22	651.31	693.75	863.45	747.16	903.28	993.19
HFC-23	0.00	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO
HFC-32	0.01	0.00	0.01	NA, NO	0.01	0.02	0.02	0.01	0.01	0.03
HFC-41	NA, NO	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	NA, NO
HFC-125	0.03	0.03	0.05	0.03	0.06	0.07	0.08	0.08	0.08	0.10
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.13	0.23	0.19	0.13	0.16	0.15	0.21	0.14	0.24	0.24
HFC-152a	0.03	0.02	0.00	0.00	0.00	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	NA, NO
HFC-143a	0.01	0.02	0.04	0.04	0.06	0.06	0.07	0.07	0.07	0.08
HFC-227ea	NA, NO	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	NA, NO
HFC-245ca	NA, NO	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)	2.41	0.13	74.90	67.47	67.25	63.48	77.16	78.87	77.11	83.87
Emissions of PFCsc - (kt CO2 eq)	27.97	22.46	20.06	13.37	14.85	12.23	9.88	15.43	8.40	11.23
CF_4	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO
C_2F_6	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	NA, NO	NA, NO
C 3F8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C_4F_{10}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C_4F_8	NA, NO	NA, NO	NA, NO	NA, NO	C, NA, NO	NA, NO	C, NA, NO	C, NA, NO	C, NA, NO	C, NA, NO
C_5F_{12}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_6F_{14}	C, NA, NO	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)	2.62	0.28	0.32	0.77	1.06	0.97	0.94	1.10	0.54	0.51
Emissions of SF6(3) - (Gg CO2 equivalent)	49.59	53.97	53.74	57.91	61.59	58.89	65.88	70.82	52.89	51.16
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) FIN_BR1_v1.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 3 of 3) CRF: Submission 2014 v1.5, FINLAND

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)	888.83	1,163.96	1,025.91	5,796,001.02
HFC-23	C, NA, NO	0.00	C, NA, NO	0.00
HFC-32	0.02	0.03	0.04	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	0.10	0.14	0.12	100.00
HFC-134	NA, NO	NA, NO	NA, NO	0.00
HFC-134a	0.18	0.25	0.27	100.00
HFC-152a	0.00	C, IE, NA, NO	0.00	641.11
HFC-143	NA, NO	NA, NO	NA, NO	0.00
HFC-143a	0.08	0.10	0.08	100.00
HFC-227ea	NA, NO	NA, NO	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)	82.12	66.48	3.03	59,337.25
Emissions of PFCsc - (kt CO2 eq)	9.32	0.75	1.38	1,865.43
CF_4	C, NA, NO	C, NA, NO	C, NA, NO	0.00
C_2F_6	NA, NO	NA, NO	NA, NO	0.00
C 3F8	0.00	NA, NO	0.00	100.00
C_4F_{10}	NA, NO	NA, NO	NA, NO	0.00
c-C_4F_8	C, NA, NO	C, NA, NO	C, NA, NO	0.00
C_5F_{12}	NA, NO	NA, NO	NA, NO	0.00
C_6F_{14}	NA, NO	NA, NO	NA, NO	0.00
Unspecified mix of listed PFCs(4) - (Gg CO_2 equivalent)	1.08	0.75	1.21	1,625.43
Emissions of SF6(3) - (Gg CO2 equivalent)	49.82	35.07	35.82	-68.83
SF_6	0.00	0.00	0.00	-68.83

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.

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

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

Custom Footnotes

Documentation Box:

Table 2(a) FIN_BR1_v1.0

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

Party	*Finland*	
Base year /base period	CO2, CH4 and N2O: 1990 HFCs, PFCs and SF6: 1995 NF3: to be decided	
Emission reduction target	% of base year/base period	% of 1990 [b]
	20.00	20.00
Period for reaching target	2013-2020	

[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) FIN_BR1_v1.0

Description of quantified economy-wide emission reduction target: gases and sectors covered[a]

Gases covered		*Base year for each gas (year):*
CO_2		1990
CH_4		1990
N_2O		1990
HFCs		1995
PFCs		1995
SF_6		1995
NF_3		to be determined
Other Gases (specify)		
Sectors covered[b]	Energy	Yes
	Transport[f]	Yes
	Industrial processes[g]	Yes
	Agriculture	Yes
	LULUCF	No
	Waste	Yes
	Other Sectors (specify)	
		No

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) FIN_BR1_v1.0

Description of quantified economy-wide emission reduction target: global warming potential values (GWP)[a]

Gases	*GWP values* [b]
CO_2	4nd AR
CH_4	4nd AR
N_2O	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) FIN_BR1_v1.0

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	

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)I FIN_BR1_v1.0

Description of quantified economy-wide emission reduction target: market-based mechanisms under the Convention[a]

Market-based mechanisms under the Convention	*Possible scale of contributions (estimated kt CO_2 eq)*
CERs	NE
ERUs	NE
AAUs[i]	NE
Carry-over units[j]	NE
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 FIN_BR1_v1.0

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.

Table 2(f) FIN_BR1_v1.0

Description of quantified economy-wide emission reduction target: any other information[a,b]

[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

The amount of units carried over to the second commitment period of the Kyoto Protocol will be known only at the end of the true-up period for the first commitment period.

The LULUCF sector is not included under the EU joint target under the ConventionUnder the first commitment period of the Kyoto Protocol, Finland has in addition to the mandatory LULUCF activities elected to account also for forest management.

Table 3 FIN_BR1_v1.0

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

Name of mitigation action [a]	*Sector(s) affected* [b]	*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*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*		
									2010	*2015*	*2020*
*Energy conservation agreements 1997 - 2007	Energy	CO_2	Energy efficiency improvement in multiple sectors	Voluntary Agreement	Implemented	Energy saving in industry, energy industry, municipalities, the private services sector, the property and building sector	1997	Ministry of Employment and the Economy, industry associations	IE	IE	IE
*Energy efficiency agreements 2008 - 2016	Energy	CO_2	Energy efficiency improvement in multiple sectors	Voluntary Agreement	Implemented	Energy saving in industry, energy industry, the private services sector, the property and building sector	2008	Ministry of Employment and the Economy, industry associations	4,083.00	5,940.00	5,150.00
*Energy efficiency agreements 1997-2007 and 2008 - 2016	Energy	CO_2	Energy efficiency improvement in oil sector	Voluntary Agreement	Implemented	Energy savings in oil heated buildings	1997	Ministry of Employment and the Economy, Finnish Petroleum Federation	341.00	389	433
*Energy Audit programme	Energy	CO_2	Energy efficiency improvement in multiple sectors	Other (Financial)	Implemented	Energy saving in industry, municipalities and the private services sector	1992	Ministry of Employment and the Economy	979.00	651	564
*Act on Ecodesing and Energy Labelling (1005/2008, amendment 1009/2010)	Energy	CO_2	Reduction of electricity use by equipment, lightning and applicances	Other (Information)	Implemented	Minimum energy performance standards (MEPS), Energy labelling of appliances	2008	Ministry of Employment and the Economy, Finnish Safety and Chemicals Agency (Tukes)	0.00	830	2,052.00
*Promoting windpower	Energy	CO_2	To increase the construction of wind power plants	Economic|Fiscal|Information|Other (Planning)	Implemented	Measures implemented since 1996 include investment subsidies for wind power plants, electricity tax subsidies, feed-in tariff, information measures and support for land-use planning.	1996	Ministry of Employment and the Economy, Ministry of the Environment	177.00	NA	3,600.00
*Promoting woodchips	Energy	CO_2	To increase the use of wood chips in electricy and heat production	Economic|Fiscal|Information|Research	Implemented	Measures implemented since 1992 include investment subsidies for heat and power production plants using forest chips, subsidies for harvesting of forest chips, electricity tax subsidies, feed-in tariff and information measures	1992	Ministry of Employment and the Economy, Ministry of Agriculture and Forestry	5,199.00	NA	9,861.00
*Promoting biogas in electricity and heat production	Energy	CO_2, CH_4, N_2O	To increase the utilization of biogas for energy	Economic|Fiscal|Regulatory|Research|Information	Implemented	Measures implemented since 1997 include Investment subsidies, electricity tax subsidies and feed-in tariff.	1997	Ministry of Employment and the Economy, Ministry of Agriculture and Forestry	169.00	NA	NA
*Lower excise duty for biofuel oil	Energy	CO_2	To increase the use of biofuel oil	Other (Fiscal)	Implemented	The excise duty for biofuel oil is lower than that of fossil heating oil.	2010	Ministry of Employment and the Economy	51.00	NA	NA
*Building regulations	Energy	CO_2	Aims at more energy efficient construction	Regulatory	Implemented	Provides minimum standards for new buildings	2003/2008/2008	Ministry of the Environment	648.00	812.00	812.00
*Renewed building regulations	Energy	CO_2	Aims at more energy efficient construction and use of low emission heating system in buildings	Regulatory	Implemented	Provides minimum standards for new buildings, switch to full energy based calculation	2012	Ministry of the Environment	0.00	473.00	1,268.00
*Subsidies for energy efficiency in buildings (block of flats, single houses)	Energy	CO_2	To improve energy efficiency in buildings and promote use of renewable energy in buildings	Economic	Implemented	Dedicate subsidies for energy efficiency and for use of renewable energy	2003	Ministry of the Environment	74.00	335.00	335.00

Table 3 FIN_BR1_v1.0

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

Name of mitigation action [a]	*Sector(s) affected* [b]	*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*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*		
									2010	*2015*	*2020*
*Long term planned real estate maintainence	Energy	CO_2	To reduce the use of energy and increase energy efficiency	Information	Implemented	Provide information for appropriate use of the buildings and the proper adjustment and settings of heating, ventilation and air conditioning equipment, as well as maintenance and repair plans.	2000	Ministry of the Environment	NA	412.00	685.00
*Decree on water measurement instruments	Energy	CO_2	To reduce the use of energy	Other (Economic)	Implemented	Provides information on the use of water in each apartment and allows the billing based on the water consumption.	2011	Ministry of the Environment	0.00	16.00	34.00
*Act on energy certificates for buildings (487/2007)	Energy	CO_2	To provide information on energy performance of buildings and guide consumers	Information	Implemented	Houseowners are obliged to provide information on energy efficiency	2008	Ministry of the Environment	NA	NA	NA
*Act on energy efficiency inspections of cooling equipment used in air conditioning systems in buildings (489/2007)	Energy	CO_2	To maintain energy efficiency	Regulatory	Implemented	Houseowners are obliged to take care of inspection of the energy efficiency of cooling equipment	2008	Ministry of the Environment	NA	NA	NA
*Towards nearly zero-energy buildings	Energy	CO_2	Aims on nearly zero-energy building	Information	Implemented	Information campaign "Energy efficient home"	2006	Ministry of the Environment	NA	NA	NA
Degree on the improvement of energy efficiency in buildings in renovation and alteration	Energy	CO_2	Regulation to ensure energy and resource efficiency in renovating buildings	Regulatory	Adopted	Provides minimum standards for improving energy performance of buildings in renovations and alterations	2013	Ministry of the Environment	0.00	220.00	524.00
*Promotion of biofuels in the transport sector: energy taxation (fuel tax)	Transport	CO_2	Replacing the use of fossil fuels by renewables	Regulatory	Implemented	The biofuel distribution obligation will be six per cent for 2011 - 2014, followed by a phased increase to 20 per cent by 2020. The excise duty of biofuels is lower than that of fossil fuels	2008/2010	Ministry of Employment and the Economy	700.00	NA	2,000.00
*Renewing of the vehicle fleet: CO2 performance standards for new passenger cars; car and vehicle taxation; informational steering	Transport	CO_2	Energy saving, emission reduction	Regulatory|Fiscal|Information	Implemented	The EU regulation implemented in Finland set energy performance standards for new passenger cars; reformed car and vehicle taxation depends on the CO2 emissions/km.	2009/2011	Ministry of Transport and communications, Ministry of Finance	160.00	NA	2,100.00
*Energy saving agreements and eco-driving	Transport	CO_2	Energy saving, emission reduction	Other (Information)	Implemented	Energy saving agreements are on-going for goods transport and logistics, and for public transport. Eco-driving training is provided to bus and coach drivers and it is also included in basic driver training.	1994/1997/2008	Ministry of Transport and Communications	71.00	122.00	135.00
*Promotion of public and non-motorised transport	Transport	CO_2	Energy saving, emission reduction	Regulatory|Information|Economic	Implemented	Several measures aim at promoting public and non-motorised transport, including land-use planning and mobility management.	2009	Ministry of Transport and Communications	NA	NA	NA
Energy saving agreements, new energy subsidies	Transport	CO_2	Energy saving, emission reduction	Economic	Planned			Ministry of Transport and communications	0.00	NA	300.00
Promotion of public and non-motorised transport, more financial support	Transport	CO_2	Energy saving, emission reduction	Economic	Planned			Ministry of Transport and communications	0.00	NA	300.00

Table 3 FIN_BR1_v1.0

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

Name of mitigation action [a]	*Sector(s) affected* [b]	*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*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*		
									2010	*2015*	*2020*
Additional financial steering methods (fuel and car taxation and / or road user charges)	Transport	CO_2	Energy saving, emission reduction	Other (Economic)	Planned	If the climate policy objective in the transport sector will not be achieved through other measures, traffic volumes and modal split will be influenced by addtional/supplementary economic steering measures, such as fuel taxes, car taxes and/or road user charges.		Ministry of Finance, Ministry of Transport and Communications	0.00	NA	1,400.00
*Energy Efficiency Design Index (EEDI) for new ships; Ship Energy Efficiency Management Plans (SEEMP)	Transport	CO_2	To save energy and reduce emissions	Regulatory	Adopted	The new IMO regulations set binding energy efficiency targets based on EEDI for new ships and require compilation of SEEMP by ships, the gross tonnage of which is over 400 tonnes	2013	Ministry of Transport and Communications	0.00	NA	NA
*Aviation emissions trading	Transport	CO_2	To reduce emissions	Regulatory	Implemented	Aviation is included in EU emissions trading	2013	Ministry of Transport and Communications	0.00	NA	NA
Liquefied natural gas and other alternative fuels in the sea traffic	Transport	CO_2	To increase the use of alternative fuels, including renewable fuels	Regulatory	Planned	The use of alternative fuels in marine transport is promoted.		Ministry of Employment and Economy	0.00	NA	NA
Biofuels in air traffic	Transport	CO_2	To increse the use of renewable fuels	Regulatory	Planned	The use of biofuels in aviation is promoted.		Ministry of Employment and Economy	0.00	NA	NA
*Joint implementation project	Industry/industrial processes	N_2O	Reduction of emissions from nitric acid production	Other (JI)	Implemented	The emission from three nitric acid plants were reduced in JI projects	2009	Industries	300.00	NA	NA
*Regulation 842/2006/EC, Directive 2006/40/EC	Industry/industrial processes	HFCs, PFCs, SF_6	Control of F-gases	Regulatory	Implemented	Implementation of EU regulation to manage F-gases and reduce emissions	2006	Ministry of the Environment	30.00	700.00	1,000.00
Review of the EC F-gas regulation	Industry/industrial processes	HFCs, PFCs, SF_6	Control of F-gases	Regulatory	Planned	Implementation of EU regulation to manage F-gases and reduce emissions		Ministry of the Environment	0.00	20.00	70.00
*Agri-environmental payment programme (part of Rural Development Programmes for Mainland Finland for 2007 - 2013 and 2014 - 2020)	Agriculture	CH_4, N_2O	Several objectives, including reducing nutrient load and GHG emissions	Other (Fiscal)	Implemented	Agri-environmental payment programme covers over 90% of farms in Finland and it promotes decreasing nutrient load, preserving plant and animal biodiversity and the rural landscape; improving the productive capacity of agricultural land and reducing GHG emissions.	2007	Ministry of Agriculture and Forestry	NA	IE	NA
*Increasing the area of multiannual crops on organic soils	Agriculture	CH_4, N_2O	To increase the proportion of grass crops on organic soils	Other (Fiscal)	Implemented	As part of the agri-environmental payment programme, subsidies for farmers who commit to long-term cultivation of grass crops in organic soils.	2007	Ministry of Agriculture and Forestry	NA	267.00	557.40
*National Forest Programme (NFP)	Forestry/LULUCF	CO_2	Strenghtening forest-based business and increasing value of production; improving the profitability of forestry; stengthening forest biodiversity, environmental benefits and welfare implications.	Regulatory|Fiscal|Economic|Research|Information|Other (Education)	Implemented	The mission is to generate increased welfare through diverse and sustainable forest management. The key principles of the programme include the comprehensive development of existing and new forest-based products and services and the entire value chain, the integration of different uses of forests, and the preservation of the environmental benefits of forests.	2010	Ministry of Agriculture and Forestry	NA	NA	NA

Table 3 FIN_BR1_v1.0

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

Name of mitigation action [a]	*Sector(s) affected* [b]	*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*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*		
									2010	*2015*	*2020*
*Increasing the area of multiannual crops on organic soils	Forestry/LULUCF	CO_2	To increase the proportion of grass crops on organic soils	Other (Fiscal)	Implemented	As part of the agri-environmental payment programme, subsidies are provided for farmers who commit to long-term cultivation of grass crops in organic soils	2007	Ministry of Agriculture and Forestry	NA	331.50	776.10
*Government decision on packaging and packaging waste (962/1997, 1025/2000, 987/2004, 817/2005)	Waste management/waste	CH_4, N_2O	To meet EU and domestic requirements on recycling and use of packages and packaging waste	Other (Economic)	Implemented	Ensuring that packaging recovery obligations are fullfilled economically and easily	1997	Ministry of the Environment and the Environmental Register of Packaging (PYR Ltd). PYR Ltd is a non-profit firm, operating in conjunction with producer organisations in the packaging sector.	1,700.00	2,100.00	2,300.00
*Government decree on landfills (861/1997, revised 2006), Biowaste Strategy (2004)	Waste management/waste	CH_4, N_2O	To reduce the amount of waste disposed to landfills and to increase landfill gas recovery	Regulatory	Implemented	Regulating the handling and treatment of biodegradable waste and setting obligations for landfill gas recovery	1997	Ministry of the Environment; requlatory authorities; municipalities; waste treatment firms	IE	IE	IE
*Support for production and use of biogas, Act (1396/2010)	Waste management/waste	CH_4, N_2O	To reduce methane emissions and produce renewable energy	Economic	Implemented	Feed in tariff for biogas plants	2011	Ministry of the Employment and the Economy; Energy Market Authority	0.00	IE	IE
*General reform of waste legislation; Act on Waste (646/2011); Degree on Waste (179/2012); Waste Tax Act (1126/2010)	Waste management/waste	CH_4, N_2O	To reduce production of waste, amount of organic waste disposed to landfills and to promote recycling and reuse	Other (Economic)	Implemented	General regulation of waste tretment and waste management for resource efficiency and sustainable solutions	2012	Ministry of the Environment; regulatory authorities; Finnish Customs	0.00	IE	IE
New regulation on landfills	Waste management/waste	CH_4	New regulation to reduce amount of organic waste disposed to landfills to 10% by focusing on household and production waste.	Regulatory	Planned	Setting quantitative limits on amount and proportion of organic waste in landfill waste in landfill waste. Implementing and going beyond landfill directive.	2016	Ministry of the Environment; regulatory authorities	0.00	0.00	200.00

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

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

[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

Table 3 FIN_BR1_v1.0

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

Name of mitigation action [a]	*Sector(s) affected* [b]	*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*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*		
									2010	*2015*	*2020*

NA = estimate not available

Impact of implemented measures in the waste sector are aggregated under on row in the table (Government decision on packaging and packaging waste)

* denotes a measure included in the "with measures" (WM) projection. Some of these measures are strengthened in the WAM projection.

Table 4 FIN_BR1_v1.0

Reporting on progress[a, b]

	Total emissions excluding LULUCF	*Contribution from LULUCF*[d]	*Quantity of units from market based mechanisms under the Convention*		*Quantity of units from other market based mechanisms*	
Year[c]	*(kt CO_2 eq)*	*(kt CO_2 eq)*	*(number of units)*	*(kt CO_2 eq)*	*(number of units)*	*(kt CO_2 eq)*
(CO2, CH4 and N2O: 1990 HFCs, PFCs and SF6: 1995 NF3: to be decided)	NA	NA		NE		NE
2010	NA	NA		NE		NE
2011	NA					
2012	NA					

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.

Custom Footnotes

Table 4(a)I FIN_BR1_v1.0

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)				
Total LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other [g]					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other [g]					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other [g]					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other [g]					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other [g]					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other [g]					
Harvested wood products					

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.

Custom Footnotes

This table is not filled in because the EU joint target does not include the LULUCF sector

Table 4(a)I FIN_BR1_v1.0

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)				
Total LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other [g]					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other [g]					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other [g]					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other [g]					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other [g]					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other [g]					
Harvested wood products					

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.

Custom Footnotes

This table is not filled in because the EU joint target does not include the LULUCF sector

Table 4(a)II

FIN_BR1_v1.0
Source: Submission 2014 v1.5, FINLAND

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]	*Net emissions/removals*[e]					*Accounting parameters*[h]	*Accounting quantity*[i]
		2008	2009	*2010*	*2011*	Total[g]		
	($kt CO_2 eq$)							
A. Article 3.3 activities								
A.1. Afforestation and Reforestation								765.12
A.1.1. Units of land not harvested since the beginning of the commitment periodj		217.09	205.58	184.01	158.45	765.12		765.12
A.1.2. Units of land harvested since the beginning of the commitment periodj								NA
A.2. Deforestation		3,606.94	3,295.39	3,489.58	3,301.06	13,692.96		13692.96214
B. Article 3.4 activities								
B.1. Forest Management (if elected)		-39,039.77	-49,749.05	-34,622.54	-34,792.80	-158,204.16		-17391.41724
3.3 offset[k]							14458.083391	-14458.083391
FM cap[l]							2933.33333	-2933.33333
B.2. Cropland Management (if elected)	0	NA	NA	NA	NA	NA	0	0
B.3. Grazing Land Management (if elected)	0	NA	NA	NA	NA	NA	0	0
B.4. Revegetation (if elected)	0	NA	NA	NA	NA	NA	0	0

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

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

[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 .

[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.

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

Custom Footnotes

The EU joint target does not include the LULUCF sector or the LULUCF activities under the Kyoto Protocol. This table is filled in to show progress on the implementation of the commitment under the first commitment period of the Kyoto Protocol.

Documentation Box:

This table is not relevant for assessing progress related to Finland's target for the period 2013 - 2020. It is only relevant for assessing progress with Finland's targets under the Kyoto Protocol during the first commitment period 2008 - 2012.

Table 4(b) FIN_BR1_v1.0

Reporting on progress[a, b, c]

Units of market based mechanisms			*Year*	
			2011	*2012*
Kyoto Protocol units[d]	*Kyoto Protocol units*	*(number of units)*		
		(kt CO_2 eq)		
	AAUs	*(number of units)*		
		(kt CO2 eq)		
	ERUs	*(number of units)*		
		(kt CO2 eq)		
	CERs	*(number of units)*		
		(kt CO2 eq)		
	tCERs	*(number of units)*		
		(kt CO2 eq)		
	lCERs	*(number of units)*		
		(kt CO2 eq)		
Other units[d,e]	*Units from market-based mechanisms under the Convention*	*(number of units)*		
		(kt CO_2 eq)		
	Units from other market-based mechanisms	*(number of units)*		
		(kt CO_2 eq)		
Total		*(number of units)*		
		(kt CO_2 eq)		

Abbreviations : AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, lCERs = 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.

Custom Footnotes

This table is not filled in as there are no decisions yet on use of units from mechanisms for meeting Finland's part of the EU joint target 2013 - 2020. Also, the use of units from Kyoto Protocol mechanisms to be used for meeting the commitments of the first commitment period of the Kyoto Protocol will be known only at the end of the true-up period (2015/2016). Preliminary data on emissions during 2008-2012 show that Finland can meet its commitments for the first commitment period of the Kyoto Protocol without use of units from the mechanisms.

Table 5 FIN_BR1_v1.0

Summary of key variables and assumptions used in the projections analysis[a]

Key underlying assumptions		*Historical*[b]						Projected			
Assumption	*Unit*	*1990*	*1995*	2000	2005	2010	2011	2015	2020	2025	2030
Population	*Million inhabitants*	4,990.00	5,110.00	5,180.00	5,250.00	5,380.00	5,400.00	5,510.00	5,640.00	5,750.00	5,850.00
Value added, gross at basic prices	Million EUR, 2000 prices	92,000.00	91,000.00	115,000.00	129,000.00	135,000.00	138,000.00	146,000.00	159,000.00	173,000.00	189,000.00
GDP Growth rate Agriculture and forestry	%	NA	NA	10.60	3.40	-5.60	3.30	1.70	1.80	0.60	0.60
GDP growht rate Extractive Industry	%	NA	NA	-31.60	-9.00	24.80	2.50	8.00	2.00	2.00	2.00
GDP growth rate Manufacturing Industry	%	NA	NA	12.40	4.00	9.10	2.00	2.40	1.90	1.80	1.80
GDP growth rate Forest Industry	%	NA	NA	NA	NA	36.20	-1.90	1.20	0.80	0.60	0.70
GDP growth rate Chemical Industry	%	NA	NA	NA	NA	1.70	20.10	1.20	1.20	0.90	0.90
GDP growth rate Metal Industry	%	NA	NA	NA	NA	8.80	-1.10	3.20	2.40	2.30	2.30
GDP growth rate Electricity, gas and water supply	%	NA	NA	0.90	1.60	2.70	-4.10	1.50	2.00	2.80	2.80
GDP growth rate Construction	%	NA	NA	-2.60	1.90	8.80	4.60	1.30	1.40	1.40	1.50
GDP growth rate Services	%	NA	NA	4.30	2.40	1.60	2.30	1.30	1.70	1.80	1.80
Primary energy	TWh	317.00	334.00	368.00	381.00	407.00	386.00	420.00	433.00	463.00	459.00
Electricity consumption	TWh	62.00	69.00	79.00	85.00	88.00	85.00	90.00	94.00	98.00	102.00
District heat consumption	TWh	22.00	25.00	28.00	32.00	38.00	33.00	35.00	34.00	34.00	33.00
New building, residential buildings	% of existing stock	NA	NA	NA	NA	NA	NA	1.10	1.10	1.10	1.10
Newbuilding, service and commercial buildings	% of existing stock	NA	NA	NA	NA	NA	NA	1.60	1.60	1.50	1.50
Building stock loss	% of existing stock	NA	NA	NA	NA	NA	NA	0.90	0.90	0.90	0.80
Number of cattle	Number of animals	1,359,700.00	1,147,900.00	1,056,596.00	958,925.00	925,808.00	914,053.00	8,248,263,901.00	8,482,320,878.00	8,344,604,216.00	8,207,227,133.00
Number of swine	Number of animals	1,381,400.00	1,400,200.00	1,296,100.00	1,401,100.00	1,366,932.00	1,335,114.00	1,077,533,104.00	8,642,281,696.00	8,638,483,773.00	8,677,519,211.00
Number of horses	Number of animals	45,400.00	49,940.00	57,400.00	63,770.00	72,300.00	75,500.00	72,300.00	72,300.00	77,150.00	82,000.00
Number of poultry	Number of animals	9,662,500.00	10,357,700.00	12,569,500.00	10,538,139.00	9,586,815.00	10,235,681.00	9,089,557,341.00	8,775,197,061.00	8,801,318,267.00	8,827,439,474.00
Landfill gas recovery (other than industrial waste)	%	NA	NA	NA	NA	NA	33.00	37.00	NA	38.00	NA

Table 5 FIN_BR1_v1.0

Summary of key variables and assumptions used in the projections analysis[a]

Key underlying assumptions		*Historical*[b]						Projected			
Assumption	*Unit*	*1990*	*1995*	2000	2005	2010	2011	2015	2020	2025	2030
Solid waste disposal (MSW)	ktonnes	NA	NA	NA	NA	1,095.00	1,096.00	429.00	64.00	67.00	69.00
N sold in synthetic fertilizer	kg N	228,470,000.00	195,460,000.00	167,276,000.00	149,562,000.00	156,523,000.00	146,189,000.00	1,783,402,664.00	1,669,910,419.00	1,549,928,011.00	1,432,503,909.00
N in manure applied to soils	kg N	600,898,189.00	5,594,414,692.00	5,729,739,078.00	5,973,670,743.00	6,066,343,578.00	6,029,282,193.00	5,887,595,733.00	5,458,649,576.00	6,479,977,167.00	5,605,508,839.00
Area of cultivated organic soils	ha	299,739.00	299,796.00	304,133.00	324,333.00	330,987.00	331,454.00	3,524,930,961.00	3,699,930,961.00	3,699,930,961.00	3,699,930,961.00
F gases: Medium & large commercial refrigeration systems - annual installation of refrigerants	tonnes	0.00	33.00	102.00	113.00	117.00	116.00	114.00	111.00	111.00	111.00
F gases: Medium & large commercial refrigeration systems - annual installation of refrigerants	%	0.00	NE	2.00	2.00	-0.50	-0.50	-0.50	-0.50	0.00	0.00
F gases: Medium & large commercial refrigeration systems - amount of refrigerants banked in supermarket refrigeration systems	tonnes	0.00	50.00	451.00	738.00	694.00	691.00	661.00	609.00	548.00	545.00
F gases: Medium & large commercial refrigeration systems - amount of refrigerants in retiring equipment	tonnes	0.00	0.00	0.00	83.00	107.00	109.00	81.00	99.00	84.00	78.00
F gases: Medium & large commercial refrigeration systems - equipment lifetime	*years*	NO	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00

[a] Parties should include key underlying assumptions as appropriate.

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

Custom Footnotes

NA means that data is not available or relevant for the projection

NO = not occurring (F gases not used in the equipment)

Table 5 FIN_BR1_v1.0

Summary of key variables and assumptions used in the projections analysis[a]

Key underlying assumptions		*Historical*[b]						Projected			
Assumption	*Unit*	*1990*	*1995*	2000	2005	2010	2011	2015	2020	2025	2030

In the case of F-gases, only the largest contributor to the total F-gas emissions is included. The variables and assumptions are available for the whole time-series but they are only used for the projected emissions.

Table 6(a) FIN_BR1_v1.0

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

	GHG emissions and removals[b]							GHG emission projections	
	(kt CO_2 eq)							(kt CO_2 eq)	
	Base Year	1990	1995	2000	2005	2010	2011	2020	2030
Sector[d,e]									
Energy	41,738.20	41,738.20	44,069.70	41,622.90	40,321.20	47,119.60	40,156.90	39,000.00	27,000.00
Transport	12,757.00	12,757.00	11,993.81	12,842.00	13,714.42	13,430.49	13,228.03	12,100.00	10,600.00
Industry/industrial processes	5,308.45	5,308.45	4,841.85	5,707.68	6,480.66	5,846.11	5,655.69	5,800.00	5,900.00
Agriculture	6,674.33	6,674.33	6,084.25	5,901.67	5,842.31	5,969.70	5,881.11	5,900.00	5,700.00
Forestry/LULUCF	-15,162.01	-15,162.01	-14,138.07	-20,451.54	-29,939.55	-24,623.70	-24,577.44	-11,900.00	-11,900.00
Waste management/waste	3,974.60	3,974.60	3,911.06	3,271.16	2,404.68	2,185.52	2,111.73	1,600.00	1,300.00
Other (specify)									
Gas									
CO_2 emissions including net CO_2 from LULUCF	41,333.80	41,333.80	43,636.97	36,261.36	26,475.90	38,769.62	31,718.23	42,500.00	29,100.00
CO_2 emissions excluding net CO_2 from LULUCF	56,642.96	56,642.96	57,908.81	56,859.61	56,569.94	63,584.08	56,492.84	54,500.00	41,200.00
CH_4 emissions including CH_4 from LULUCF	6,373.48	6,373.48	6,165.69	5,470.12	4,594.30	4,409.86	4,279.31	3,700.00	3,400.00
CH_4 emissions excluding CH_4 from LULUCF	6,330.07	6,330.07	6,120.79	5,422.61	4,544.84	4,353.04	4,219.75	3,600.00	3,300.00
N_2O emissions including N_2O from LULUCF	7,467.99	7,467.99	6,859.14	6,594.18	6,814.34	5,548.48	5,395.35	5,600.00	5,600.00
N_2O emissions excluding N_2O from LULUCF	7,364.26	7,364.26	6,770.28	6,494.99	6,709.30	5,414.54	5,257.74	5,500.00	5,500.00
HFCs	0.02	0.02	29.33	491.76	863.45	1,163.96	1,025.91	640.00	570.00
PFCs	0.07	0.07	0.14	22.46	9.88	0.75	1.38	2.00	2.00
SF_6	114.94	114.94	71.29	53.97	65.88	35.07	35.82	50.00	60.00
Other (specify)									
HFCs									
CO_2									
SF_6									
PFCs									
N_2O									
CH_4									
Total with LULUCF[f]	55,290.30	55,290.30	56,762.56	48,893.85	38,823.75	49,927.74	42,456.00	52,492.00	38,732.00
Total without LULUCF	70,452.32	70,452.32	70,900.64	69,345.40	68,763.29	74,551.44	67,033.44	64,292.00	50,632.00

Table 6(a) FIN_BR1_v1.0

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

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

[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.

[b] Emissions and removals reported in these columns should be as reported in the latest GHG inventoryand 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.

Custom Footnotes

Values may differ slightly from those in the 6th National Communication due to roundings.

The net removals in the LULUCF sector for 2030 are based on the estimate for 2020 assuming no change. Detailed estimates for the LULUCF covering 2030 are not available.

Table 6(c) FIN_BR1_v1.0

Information on updated greenhouse gas projections under a 'with additional measures' scenario [a]

	GHG emissions and removals [b]							GHG emission projections	
	(kt CO_2 eq)							(kt CO_2 eq)	
	Base Year	1990	1995	2000	2005	2010	2011	2020	2030
Sector [d,e]									
Energy	41,738.20	41,738.20	44,069.70	41,622.90	40,321.20	47,119.60	40,156.90	37,800.00	23,100.00
Transport	12,757.00	12,757.00	11,993.81	12,842.00	13,714.42	13,430.49	13,228.03	11,500.00	10,100.00
Industry/industrial processes	5,308.45	5,308.45	4,841.85	5,707.68	6,480.66	5,846.11	5,655.69	5,700.00	5,600.00
Agriculture	6,674.33	6,674.33	6,084.25	5,901.67	5,842.31	5,969.70	5,881.11	5,900.00	5,700.00
Forestry/LULUCF	-15,162.01	-15,162.01	-14,138.07	-20,451.54	-29,939.55	-24,623.70	-24,577.44	-11,900.00	-11,900.00
Waste management/waste	3,974.60	3,974.60	3,911.06	3,271.16	2,404.68	2,185.52	2,111.73	1,400.00	900.00
Other (specify)									
Gas									
CO_2 emissions including net CO_2 from LULUCF	41,333.80	41,333.80	43,636.97	36,261.36	26,475.90	38,769.62	31,718.23	40,700.00	24,600.00
CO_2 emissions excluding net CO_2 from LULUCF	56,642.96	56,642.96	57,908.81	56,859.61	56,569.94	63,584.08	56,492.84	52,800.00	36,700.00
CH_4 emissions including CH_4 from LULUCF	6,373.48	6,373.48	6,165.69	5,470.12	4,594.30	4,409.86	4,279.31	3,500.00	3,000.00
CH_4 emissions excluding CH_4 from LULUCF	6,330.07	6,330.07	6,120.79	5,422.61	4,544.84	4,353.04	4,219.75	3,400.00	2,900.00
N_2O emissions including N_2O from LULUCF	7,467.99	7,467.99	6,859.14	6,594.18	6,814.34	5,548.48	5,395.35	5,600.00	5,500.00
N_2O emissions excluding N_2O from LULUCF	7,364.26	7,364.26	6,770.28	6,494.99	6,709.30	5,414.54	5,257.74	5,500.00	5,400.00
HFCs	0.02	0.02	29.33	491.76	863.45	1,163.96	1,025.91	570.00	300.00
PFCs	0.07	0.07	0.14	22.46	9.88	0.75	1.38	2.00	2.00
SF_6	114.94	114.94	71.29	53.97	65.88	35.07	35.82	50.00	60.00
Other (specify)									
HFCs									
CO_2									
SF_6									
PFCs									
N_2O									
CH_4									
Total with LULUCF [f]	55,290.30	55,290.30	56,762.56	48,893.85	38,823.75	49,927.74	42,456.00	50,422.00	33,462.00
Total without LULUCF	70,452.32	70,452.32	70,900.64	69,345.40	68,763.29	74,551.44	67,033.44	62,322.00	45,362.00

Table 6(c) FIN_BR1_v1.0

Information on updated greenhouse gas projections under a 'with additional measures' scenario [a]

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

[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.

[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 FIN_BR1_v1.0

Provision of public financial support: summary information in 2011[a]

Allocation channels	*Year*									
	European euro - EUR					*USD*[b]				
	Core/ general[c]	*Climate-specific*[d]				*Core/ general*[c]	*Climate-specific*[d]			
		Mitigation	*Adaptation*	*Cross-cutting*[e]	*Other*[f]		*Mitigation*	*Adaptation*	*Cross-cutting*[e]	*Other*[f]
Total contributions through multilateral channels:	253,959,000.00	5,539,000.00	3,745,000.00	20,096,000.00	0.00	353,119,000.00	7,701,000.00	5,207,000.00	27,941,000.00	0.00
Multilateral climate change funds[g]	17,680,000.00	4,889,000.00	2,680,000.00			24,583,000.00	6,797,000.00	3,726,000.00		
Other multilateral climate change funds[h]										
Multilateral financial institutions, including regional development banks	133,752,000.00	650,000.00	270,000.00	9,527,000.00	0.00	185,974,000.00	904,000.00	375,000.00	13,247,000.00	0.00
Specialized United Nations bodies	102,527,000.00		795,000.00	10,569,000.00		142,562,000.00		1,106,000.00	14,694,000.00	
Total contributions through bilateral, regional and other channels		7,986,000.00	1,081,000.00	23,046,000.00			11,104,000.00	1,503,000.00	32,043,000.00	
Total	253,959,000.00	13,525,000.00	4,826,000.00	43,142,000.00	0.00	353,119,000.00	18,805,000.00	6,710,000.00	59,984,000.00	0.00

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

1) Figures presented are rounded up to the nearest thousand2) OECD/DAC exchange rates for 2011 and 2012 are used to calculate USD amount.

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

Documentation Box:

Table 7 FIN_BR1_v1.0

Provision of public financial support: summary information in 2012 [a]

Allocation channels	*Year*									
	European euro - EUR					*USD [b]*				
	Core/ general [c]	*Climate-specific [d]*				*Core/ general [c]*	*Climate-specific [d]*			
		Mitigation	*Adaptation*	*Cross-cutting [e]*	*Other [f]*		*Mitigation*	*Adaptation*	*Cross-cutting [e]*	*Other [f]*
Total contributions through multilateral channels:	393,473,000.00	4,846,000.00	11,416,000.00	57,495,000.00		506,467,000.00	6,229,000.00	14,674,000.00	73,898,000.00	
Multilateral climate change funds [g]	25,331,000.00	4,449,000.00	11,181,000.00	500,000.00		32,560,000.00	5,718,000.00	14,372,000.00	643,000.00	
Other multilateral climate change funds [h]										
Multilateral financial institutions, including regional development banks	253,621,000.00	397,000.00		46,212,000.00		326,709,000.00	511,000.00		59,396,000.00	
Specialized United Nations bodies	114,521,000.00		235,000.00	10,783,000.00		147,198,000.00		302,000.00	13,859,000.00	
Total contributions through bilateral, regional and other channels		12,422,000.00	2,412,000.00	19,639,000.00			15,966,000.00	3,099,000.00	25,241,000.00	
Total	393,473,000.00	17,268,000.00	13,828,000.00	77,134,000.00		506,467,000.00	22,195,000.00	17,773,000.00	99,139,000.00	

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

1) Figures presented are rounded up to the nearest thousand2) OECD/DAC exchange rates for 2011 and 2012 are used to calculate USD amount.

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

Documentation Box:

Table 7(a) FIN_BR1_v1.0

Provision of public financial support: contribution through multilateral channels in 2011 [a]

Donor funding	*Total amount*				*Status[b]*	*Funding source[f]*	*Financial instrument[f]*	*Type of support[f, g]*	*Sector[c]*
	Core/general[d]		*Climate-specific[e]*						
	European euro - EUR	*USD*	*European euro - EUR*	*USD*					
Total contributions through multilateral channels	253,959,000.00	353,119,000.00	29,380,000.00	40,849,000.00					
Multilateral climate change funds[g]	17,680,000.00	24,583,000.00	7,569,000.00	10,523,000.00					
1. Global Environment Facility	15,000,000.00	20,857,000.00	4,889,000.00	6,797,000.00	Provided	ODA	Grant	Mitigation	Cross-cutting
2. Least Developed Countries Fund	1,600,000.00	2,225,000.00	1,600,000.00	2,225,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
3. Special Climate Change Fund	900,000.00	1,251,000.00	900,000.00	1,251,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
4. Adaptation Fund					Provided				
5. Green Climate Fund					Provided				
6. UNFCCC Trust Fund for Supplementary Activities	180,000.00	250,000.00	180,000.00	250,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks	133,752,000.00	185,974,000.00	10,447,000.00	14,526,000.00					
1. World Bank	80,999,000.00	112,623,000.00	5,551,000.00	7,719,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. International Finance Corporation	900,000.00	1,251,000.00	270,000.00	375,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
3. African Development Bank	23,550,000.00	32,747,000.00	0.00	0.00	Provided	ODA	Grant		Cross-cutting
4. Asian Development Bank	7,144,000.00	9,933,000.00	1,324,000.00	1,841,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
5. European Bank for Reconstruction and Development	500,000.00	695,000.00	350,000.00	487,000.00	Provided	ODA	Grant	Mitigation	Cross-cutting
6. Inter-American Development Bank	1,430,000.00	1,987,000.00	300,000.00	417,000.00	Provided	ODA	Grant	Mitigation	Cross-cutting
7. Other	19,229,000.00	26,738,000.00	2,652,000.00	3,687,000.00					
Unspecified International NGO	11,910,000.00	16,560,000.00	770,000.00	1,071,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Inter Press Service, International Association	300,000.00	420,000.00	120,000.00	167,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
International Institute for Sustainable Development	70,000.00	97,000.00	14,000.00	19,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
International Union for the Conservation of Nature	1,211,000.00	1,683,000.00	560,000.00	779,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Consultative Group on International Agricultural Research	4,250,000.00	5,910,000.00	300,000.00	417,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
European Investment Bank (EIB)	1,000,000.00	1,390,000.00	400,000.00	556,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Other multilateral	488,000.00	678,000.00	488,000.00	678,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
					Provided				
Specialized United Nations bodies	102,527,000.00	142,562,000.00	11,364,000.00	15,800,000.00					
1. United Nations Development Programme	30,486,000.00	42,389,000.00	1,423,000.00	1,978,000.00					
United Nations Development Programme (specific programmes)	30,486,000.00	42,389,000.00	1,423,000.00	1,978,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme	5,641,000.00	7,843,000.00	1,445,000.00	2,009,000.00					
United Nations Environment Programme (specific programmes)	5,641,000.00	7,843,000.00	1,445,000.00	2,009,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	66,400,000.00	92,330,000.00	8,496,000.00	11,813,000.00					
Convention to Combat Desertification	442,000.00	614,000.00	88,000.00	123,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
United Nations Human Settlement Programme	870,000.00	1,210,000.00	235,000.00	327,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
United Nations Children's Fund	29,190,000.00	40,591,000.00	610,000.00	848,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
United Nations Volunteers	10,226,000.00	14,219,000.00	1,023,000.00	1,422,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Food and Agricultural Organisation	11,412,000.00	15,867,000.00	5,360,000.00	7,452,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting, Agriculture, Forestry
World Meteorological Organisation	858,000.00	1,194,000.00	560,000.00	779,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting, Other (Coastal zone management)
United Nations	13,402,000.00	18,635,000.00	620,000.00	862,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting

Table 7(a) FIN_BR1_v1.0

Provision of public financial support: contribution through multilateral channels in 2011 [a]

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.

Custom Footnotes

1) Figures presented are rounded up to the nearest thousand2) OECD/DAC exchange rates for 2011and 2012 are used to calculate USD amount.

Table 7(a) FIN_BR1_v1.0

Provision of public financial support: contribution through multilateral channels in 2012[a]

Donor funding	*Total amount*				*Status[b]*	*Funding source[f]*	*Financial instrument[f]*	*Type of support[f,g]*	*Sector[c]*
	Core/general[d]		*Climate-specific[e]*						
	European euro - EUR	*USD*	*European euro - EUR*	*USD*					
Total contributions through multilateral channels	393,473,000.00	506,467,000.00	73,757,000.00	94,801,000.00					
Multilateral climate change funds[g]	25,331,000.00	32,560,000.00	16,130,000.00	20,733,000.00					
1. Global Environment Facility	13,650,000.00	17,545,000.00	4,449,000.00	5,718,000.00	Provided	ODA	Grant	Mitigation	Cross-cutting
2. Least Developed Countries Fund	8,281,000.00	10,644,000.00	8,281,000.00	10,644,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
3. Special Climate Change Fund	2,900,000.00	3,728,000.00	2,900,000.00	3,728,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
4. Adaptation Fund									
5. Green Climate Fund	500,000.00	643,000.00	500,000.00	643,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks	253,621,000.00	326,709,000.00	46,609,000.00	59,907,000.00					
1. World Bank	145,443,000.00	186,945,000.00	24,914,000.00	32,023,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. International Finance Corporation	100,000.00	129,000.00			Provided	ODA	Grant		
3. African Development Bank	72,504,000.00	93,912,000.00	12,113,000.00	15,569,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Asian Development Bank	8,514,000.00	10,943,000.00	1,700,000.00	2,185,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
5. European Bank for Reconstruction and Development	1,700,000.00	2,185,000.00	350,000.00	450,000.00	Provided	ODA	Grant	Mitigation	Cross-cutting
6. Inter-American Development Bank	732,000.00	941,000.00	60,000.00	77,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other	24,628,000.00	31,654,000.00	7,472,000.00	9,603,000.00					
Unspecified International NGO	11,058,000.00	14,213,000.00	802,000.00	1,031,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Inter Press Service, International Association	300,000.00	386,000.00	120,000.00	154,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
International Institute for Sustainable Development	70,000.00	90,000.00	14,000.00	18,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
International Union for the Conservation of Nature	1,074,000.00	1,380,000.00	800,000.00	1,028,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Caribbean Community Secretariat	95,000.00	122,000.00	47,000.00	61,000.00	Provided	ODA	Grant	Mitigation	Cross-cutting
Consultative Group on International Agricultural Research	6,885,000.00	8,849,000.00	2,054,000.00	2,640,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Nordic Development Fund	4,539,000.00	5,834,000.00	3,028,000.00	3,891,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Other multilateral	607,000.00	780,000.00	607,000.00	780,000.00	Provided	ODA		Cross-cutting	Cross-cutting
Specialized United Nations bodies	114,521,000.00	147,198,000.00	11,018,000.00	14,161,000.00					
1. United Nations Development Programme	31,139,000.00	40,024,000.00	2,166,000.00	2,784,000.00					
United Nations Development Programme (specific programmes)	31,139,000.00	40,024,000.00	2,166,000.00	2,784,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme	6,624,000.00	8,514,000.00	1,729,000.00	2,222,000.00					
United Nations Environment Programme (specific programmes)	6,624,000.00	8,514,000.00	1,729,000.00	2,222,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	76,758,000.00	98,660,000.00	7,123,000.00	9,155,000.00					
Convention to Combat Desertification	461,000.00	592,000.00	88,000.00	113,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
International Fund for Agricultural Development	6,500,000.00	8,355,000.00	240,000.00	308,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
United Nations Human Settlement Programme	970,000.00	1,247,000.00	235,000.00	302,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting
United Nations Children's Fund	30,741,000.00	39,513,000.00	540,000.00	694,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
United Nations Volunteers	9,646,000.00	12,398,000.00	965,000.00	1,240,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Food and Agricultural Organisation	9,829,000.00	12,634,000.00	4,450,000.00	5,720,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
International Labour Organisation - Assessed Contributions	3,330,000.00	4,280,000.00	160,000.00	206,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
United Nations (UN)	15,281,000.00	19,641,000.00	445,000.00	572,000.00	Provided	ODA		Cross-cutting	Cross-cutting

Table 7(a) FIN_BR1_v1.0

Provision of public financial support: contribution through multilateral channels in 2012[a]

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.

Custom Footnotes

1) Figures presented are rounded up to the nearest thousand. 2) OECD/DAC exchange rates for 2011and 2012 are used to calculate USD amount.

Table 7(b) FIN_BR1_v1.0

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

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Total contributions through bilateral, regional and other channels	32,113,000.00	44,650,000.00						
South of Sahara, regional / Energy and Environment Partnership in Southern and East Africa	2,779,000.00	3,863,000.00	Provided	ODA	Grant	Mitigation	Energy	
North & Central America, regional / Energy and environment partnership with Central America	984,000.00	1,369,000.00	Provided	ODA	Grant	Mitigation	Other (Capacity-building)	
South America, regional / Andean Regional Energy and Environment Partnership (EEP)	847,000.00	1,178,000.00	Provided	ODA	Grant	Mitigation	Energy	
Sri Lanka / Solar Energy Project in Sri Lanka	799,000.00	1,111,000.00	Provided	ODA	Other (Interest Subsidy)	Mitigation	Energy	
America, regional / Andean Regional Forestry Partnership	791,000.00	1,100,000.00	Provided	ODA	Grant	Cross-cutting	Forestry	
South of Sahara, regional / Impact of climate change in ecosystems in Eastern Africa	763,000.00	1,060,000.00	Provided	ODA	Grant	Cross-cutting	Other (General environmental protection)	
Lao People's Democratic Republic / Strengthening Environmental Management Lao PDR	588,000.00	817,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
Mozambique / PROAGRI II sector programme in Mozambique	500,000.00	695,000.00	Provided	ODA	Grant	Adaptation	Other (Capacity-building)	
Zambia / Integrated land use Assessment (ILUA) II	477,000.00	663,000.00	Provided	ODA	Grant	Cross-cutting	Forestry	
Viet Nam / Forestry Trust Fund	453,000.00	630,000.00	Provided	ODA	Grant	Mitigation	Forestry	
Kenya / Support to Forestry Sector	447,000.00	621,000.00	Provided	ODA	Grant	Mitigation	Forestry	

Table 7(b) FIN_BR1_v1.0

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

Europe, regional / Western Balkans / Environment Education	359,000.00	499,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
Tanzania / Sustainable Management of Land and Environment, SMOLE, II	358,000.00	498,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
Nepal / NGO Support / Integrated river basin management at Koshi River	322,000.00	448,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
South of Sahara, regional / EAC Lake Victoria Basin Commission Trust Fund	320,000.00	445,000.00	Provided	ODA	Grant	Adaptation	Other (Capacity-building)	
Nepal / NGO Support / Reducing poverty in Nepal, through innovative and equitable carbon fin	261,000.00	363,000.00	Provided	ODA	Grant	Mitigation	Other (Capacity-building)	
Ethiopia / Rural Water Supply, Sanitation and Hygiene Programme	261,000.00	363,000.00	Provided	ODA	Grant	Adaptation	Other (Waste management)	
Asia, regional / Support to the Mekong River Commission	250,000.00	348,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
Asia, regional / Energy and Environment Partnership Programme with the Mekong Region	1,416,000.00	1,969,000.00	Provided	ODA	Grant	Mitigation	Energy	
Nicaragua / Joint Funding Basket for PRORURAL Programme in Nicaraqua	300,000.00	417,000.00	Provided	ODA	Grant	Cross-cutting	Agriculture	
/ CC related support through Finnfund	10,199,000.00	14,181,000.00	Provided	ODA	Grant	Cross-cutting		
/ Other bilateral	8,639,000.00	12,012,000.00	Provided	ODA	Grant	Cross-cutting		

Table 7(b) FIN_BR1_v1.0

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

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.

Custom Footnotes

1) Figures presented are rounded up to the nearest thousand2) OECD/DAC exchange rates for 2011 and 2012 are used to calculate USD amount.

Table 7(b) FIN_BR1_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2012 [a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Total contributions through bilateral, regional and other channels	34,473,000.00	44,306,000.00						
Africa, regional / ODA equity through Finnfund	2,479,000.00	3,186,000.00	Provided	ODA	Equity	Cross-cutting	Forestry	
South of Sahara, regional / Energy and Environment Partnership in Southern and East Africa	2,432,000.00	3,126,000.00	Provided	ODA	Grant	Mitigation	Energy	
Honduras / ODA equity through Finnfund	2,250,000.00	2,892,000.00	Provided	ODA	Equity	Mitigation	Energy	
North & Central America, regional / Energy and environment partnership with Central America	1,999,000.00	2,569,000.00	Provided	ODA	Grant	Mitigation	Other (Capcity-building)	
Asia, regional / ODA equity through Finnfund	1,863,000.00	2,394,000.00	Provided	ODA	Equity	Mitigation	Energy	
Bilateral, unspecified / ODA equity through Finnfund	1,600,000.00	2,057,000.00	Provided	ODA	Equity	Cross-cutting	Forestry	
Africa, regional / ODA equity through Finnfund	1,518,000.00	1,951,000.00	Provided	ODA	Equity	Mitigation	Energy	
Bilateral, unspecified / ODA equity through Finnfund	1,150,000.00	1,478,000.00	Provided	ODA	Equity	Mitigation	Energy	
Lao People's Democratic Republic / Strengthening Environmental Management Lao PDR	823,000.00	1,057,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
Bilateral, unspecified / ODA equity through Finnfund	804,000.00	1,033,000.00	Provided	ODA	Equity	Adaptation	Not applicable	
Bilateral, unspecified / ODA equity through Finnfund	711,000.00	914,000.00	Provided	ODA	Equity	Cross-cutting	Not applicable	
Sri Lanka / Solar Energy Project in Sri Lanka	682,000.00	877,000.00	Provided	ODA	Other (Interest Subsidy)	Mitigation	Energy	
South Africa / ODA equity through Finnfund	626,000.00	805,000.00	Provided	ODA	Equity	Adaptation	Agriculture	

Table 7(b) FIN_BR1_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2012 [a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Sudan / Integrated watershed management project in Sudan	591,000.00	759,000.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
South of Sahara, regional / Impact of climate change in ecosystems in Eastern Africa	563,000.00	723,000.00	Provided	ODA	Grant	Cross-cutting	Forestry	
Indonesia / Indonesia Energy and Environment Partnership	528,000.00	679,000.00	Provided	ODA	Grant	Mitigation	Energy	
Tanzania / ODA loan through Finnfund	515,000.00	662,000.00	Provided	ODA	Other (Loan)	Cross-cutting	Forestry	
Zambia / Integrated land use Assessment (ILUA) II	477,000.00	613,000.00	Provided	ODA	Grant	Cross-cutting	Forestry	
Bilateral, unspecified / Environment and Security Initiative	394,000.00	506,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
Ethiopia / Integrated Watershed Management in Ethiopia	391,000.00	502,000.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Tanzania / Sustainable Management of Land and Environment, SMOLE, II	381,000.00	490,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity-building)	
South America, regional / Andean Regional Energy and Environment Partnership (EEP)	342,000.00	440,000.00	Provided	ODA	Grant	Cross-cutting	Energy	
Bilateral, unspecified / Other bilateral	10,278,000.00	13,210,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Nicaragua / Joint Funding Basket for PRORURAL Programme in Nicaraqua	300,000.00	386,000.00	Provided	ODA	Grant	Cross-cutting	Agriculture	
Asia / Mekong Core Environmental Programme (CEP)	280,000.00	360,000.00	Provided	ODA	Grant	Cross-cutting	Other (Capacity building)	
Asia / Mekong region forest and climate support	496,000.00	637,000.00	Provided	ODA	Grant	Cross-cutting	Forestry	

Table 7(b) FIN_BR1_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2012 [a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						

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.

Custom Footnotes

1) Figures presented are rounded up to the nearest thousand.2) OECD/DAC exchange rates for 2011 and 2012 are used to calculate USD amount.

Table 8 FIN_BR1_v1.0

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]
Regional programmes for Central America, Andean region, Mekong region, Indonesia and Southern and Eastern Africa, currently covering 32 countries	Mitigation and Adaptation	Partial grant funding, business and financial advisory support is provided to project developers through competitive calls for proposals for mitigation projects that increase access to sustainable energy (business development and investment preparation for renewable energy and energy efficiency)	Energy, Other (Main sector energy, but covering renewable energy and energy efficiency investments in transport, industry, agriculture, water and sanitation, and waste management sectors.)	Private and Public	Private and Public	Implemented	Both soft and hard technology transfer and development are supported. Partial public funding (ODA grants) as seed funding that is complemented by developer's own funding (mostly private funding) and other external sources (public and private).
Viet Nam	Adaptation	Two automatic weather stations purchased and installed in cooperation with Vietnam National Hydrometeorological Service experts. Databases and information exchange systems for observations and forecasts developed, managed and exploited.	Other (Meteorology)	Public	Public	Implemented	Both soft and hard technology transfer and development are supported.

Table 8 FIN_BR1_v1.0

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]
Lao People's Democratic Republic	Mitigation	Sustainable forestry for rural development project / scaling up participatory sustainable forest management project. Designing National Forest System, monitoring forest cover changes, testing soil carbon measurements, piloting cost-effective, high-resolution forest inventory methods (satellite images and airborne laser scanning)	Other (Forestry)	Public	Public	Implemented	Both soft and hard technology transfer and development are supported.

[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.

Custom Footnotes

Table 9 FIN_BR1_v1.0

Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
Viet Nam	Multiple Areas	Meteorology capacity building	The purpose of the project is to increase the capacity of the National Hydro-Meteorological Service to reduce natural disaster risks and get the Vietnamese people to adapt to climate change. The initial project was for the years 2010-2012 (total funding EUR 0.5 million) and it will continue for the years 2013-2016. The project includes the following activities: - Peer learning through concrete development actions - Joint development of weather radar composite products, project management exercises - General study tours to Finland to learn about FMI best practices - Hands-on maintenance of weather stations with a group of maintenance technicians.
Global	Multiple Areas	Global Gender and Climate Alliance (GGCA)	The purpose of the project is to integrate gender considerations into climate negotiations and to build the capacities of female delegates at the national level. The support has been granted since 2008 and it will continue at least until 2014 (total funding EUR 6.8 million). The project includes the following activities: - Knowledge generation (researching and establishing the links between gender and climate change); - Capacity building (building the capacity of government delegates, sustainability leaders, grassroots organisations); - Advocacy (supporting governments with technical expertise and rendering financial and strategic support to Parties for them to include women delegates in their delegations); - Local action (strengthening local policy frameworks and driving climate action through the development of National Climate Change and Gender Action Plans via multi-stake¬holder processes) and identifying best practices; - Replication and scaling-up.
Southeast Asia	Multiple Areas	Southeast Asia Climate Change Network project, UNEP	The overall objective of the project is to strengthen institutional frameworks for coordinating climate change at national and regional levels with a view to enable countries to adopt integrated approaches for climate resilient and low carbon development and to respond to UNFCCC commitments. The project is currently entirely funded by Finland. The total support provided by Finland has been EUR 4.3 million for the years 2008-2013. This includes the following activities: - Facilitating knowledge generation and sharing - Providing targeted support to national climate change offices through national and regional activities - Fostering interactions and the exchange of experiences among climate change professionals - Providing the means to conduct joint analysis on climate change issues and options - Expediting the development of good policies - Fostering the sharing of best practices and information - Accelerating the transfer of climate-friendly technologies

[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.