BR CTF submission workbook

Submission Year	2014	Party	SWEDEN
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Contents

Table 1 SWE_BR1_v2.0

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

CRF: Submission 2014 v2.1, SWEDEN

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	19,688.47	19,032.17	21,015.95	24,694.99	27,144.26	27,232.31	29,643.55	22,148.07	23,673.47
CO_2 emissions excluding net CO_2 from LULUCF	56,954.05	57,226.92	57,012.98	56,904.54	59,357.40	58,871.85	62,743.02	57,652.56	58,266.12
CH_4 emissions including CH_4 from LULUCF	6,939.96	6,927.66	7,001.20	6,995.62	6,917.88	6,829.07	6,793.30	6,750.21	6,580.07
CH_4 emissions excluding CH_4 from LULUCF	6,938.23	6,926.06	6,999.58	6,993.95	6,916.28	6,827.46	6,791.58	6,741.42	6,579.61
N_2O emissions including N_2O from LULUCF	8,449.04	8,335.61	8,186.00	8,249.38	8,296.18	8,131.58	8,241.19	8,181.34	8,202.72
N_2O emissions excluding N_2O from LULUCF	8,369.65	8,274.72	8,133.76	8,194.69	8,240.63	8,069.77	8,179.03	8,118.52	8,139.35
HFCs	4.15	8.45	10.70	33.86	76.97	132.12	210.53	318.46	391.76
PFCs	376.82	380.25	252.42	290.97	311.73	343.43	302.91	279.69	271.86
SF_6	107.49	108.51	108.40	96.66	100.20	126.68	108.40	153.10	99.38
Total (including LULUCF)	35,565.93	34,792.65	36,574.68	40,361.48	42,847.22	42,795.20	45,299.87	37,830.87	39,219.26
Total (excluding LULUCF)	72,750.39	72,924.91	72,517.83	72,514.67	75,003.22	74,371.31	78,335.46	73,263.75	73,748.07

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	53,669.62	54,224.97	54,306.66	54,124.28	56,234.27	55,463.51	59,721.79	54,580.48	55,060.50
2. Industrial Processes	6,329.78	6,162.15	5,702.78	5,838.91	6,285.73	6,644.15	6,435.11	6,411.50	6,598.43
3. Solvent and Other Product Use	332.49	320.18	326.29	315.14	292.91	308.55	311.81	320.87	317.67
4. Agriculture	8,997.22	8,750.97	8,715.42	8,878.28	8,947.67	8,721.62	8,658.57	8,775.51	8,648.51
5. Land Use, Land-Use Change and Forestry[b]	-37,184.46	-38,132.25	-35,943.15	-32,153.19	-32,155.99	-31,576.11	-33,035.59	-35,432.88	-34,528.81
6. Waste	3,421.27	3,466.64	3,466.69	3,358.07	3,242.64	3,233.47	3,208.18	3,175.39	3,122.95
7. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total (including LULUCF)	35,565.93	34,792.65	36,574.68	40,361.48	42,847.22	42,795.20	45,299.87	37,830.87	39,219.26

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."

Emission trends: summary [1]
(Sheet 2 of 3)

CRF: Submission 2014 v2.1, SWEDEN

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	21,239.72	18,528.71	19,332.06	20,246.99	23,937.66	26,272.99	26,043.73	18,750.18	20,609.37	17,044.02
CO_2 emissions excluding net CO_2 from LULUCF	55,325.13	54,145.37	55,077.86	55,992.85	56,607.59	55,768.43	53,231.21	53,194.38	51,971.68	50,005.53
CH_4 emissions including CH_4 from LULUCF	6,429.20	6,254.99	6,213.54	6,033.13	5,888.34	5,909.56	5,780.16	5,711.05	5,473.58	5,283.10
CH_4 emissions excluding CH_4 from LULUCF	6,426.24	6,252.04	6,210.53	6,028.26	5,882.29	5,904.17	5,775.16	5,698.83	5,471.17	5,269.83
N_2O emissions including N_2O from LULUCF	7,837.32	7,674.59	7,493.28	7,384.88	7,346.89	7,313.86	7,164.67	7,191.12	6,929.72	7,077.01
N_2O emissions excluding N_2O from LULUCF	7,769.01	7,602.32	7,419.84	7,314.22	7,270.13	7,232.08	7,072.77	7,096.26	6,825.32	6,955.08
HFCs	494.55	567.89	614.70	665.82	709.89	768.99	789.50	817.90	838.35	866.62
PFCs	291.29	240.52	235.61	260.91	258.30	253.98	257.15	245.32	247.60	225.05
SF_6	101.65	93.59	111.49	103.85	68.88	81.21	142.48	111.31	151.49	83.87
Total (including LULUCF)	36,393.74	33,360.28	34,000.67	34,695.59	38,209.95	40,600.60	40,177.67	32,826.88	34,250.11	30,579.67
Total (excluding LULUCF)	70,407.88	68,901.73	69,670.03	70,365.92	70,797.08	70,008.86	67,268.27	67,164.00	65,505.60	63,405.97

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	52,072.27	50,583.57	51,460.43	52,242.43	53,179.43	51,960.47	49,604.01	49,608.06	48,249.36	46,400.66
2. Industrial Processes	6,614.39	6,811.84	6,809.64	6,950.80	6,678.76	7,071.08	6,975.84	6,969.45	6,921.67	6,804.30
3. Solvent and Other Product Use	298.92	277.54	268.55	275.59	292.41	311.03	302.79	298.98	281.43	287.76
4. Agriculture	8,419.21	8,313.10	8,260.08	8,170.84	8,060.33	8,094.47	7,954.47	7,931.60	7,855.86	7,913.66
5. Land Use, Land-Use Change and Forestry[b]	-34,014.14	-35,541.44	-35,669.35	-35,670.33	-32,587.13	-29,408.26	-27,090.60	-34,337.12	-31,255.50	-32,826.30
6. Waste	3,003.09	2,915.69	2,871.33	2,726.27	2,586.15	2,571.80	2,431.16	2,355.91	2,197.29	1,999.58
7. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total (including LULUCF)	36,393.74	33,360.28	34,000.67	34,695.59	38,209.95	40,600.60	40,177.67	32,826.88	34,250.11	30,579.67

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

Table 1 SWE_BR1_v2.0

Emission trends: summary [(1)]
(Sheet 3 of 3) CRF: Submission 2014 v2.1, SWEDEN

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	13,508.08	21,530.18	13,376.83	-32.06
CO_2 emissions excluding net CO_2 from LULUCF	46,518.44	52,368.55	48,725.69	-14.45
CH_4 emissions including CH_4 from LULUCF	5,172.44	5,076.91	4,987.02	-28.14
CH_4 emissions excluding CH_4 from LULUCF	5,169.81	5,076.20	4,984.89	-28.15
N_2O emissions including N_2O from LULUCF	6,919.38	7,167.69	6,795.12	-19.58
N_2O emissions excluding N_2O from LULUCF	6,803.07	7,030.63	6,680.06	-20.19
HFCs	868.52	845.24	813.42	19,485.67
PFCs	35.33	158.21	182.95	-51.45
SF_6	80.53	72.59	60.43	-43.77
Total (including LULUCF)	26,584.29	34,850.82	26,215.78	-26.29
Total (excluding LULUCF)	59,475.70	65,551.42	61,447.45	-15.54

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	44,623.32	48,871.57	45,014.72	-16.13
2. Industrial Processes	4,985.56	6,810.30	6,660.58	5.23
3. Solvent and Other Product Use	269.97	288.93	288.93	-13.10
4. Agriculture	7,705.26	7,782.46	7,770.64	-13.63
5. Land Use, Land-Use Change and Forestry[b]	-32,891.41	-30,700.61	-35,231.66	-5.25
6. Waste	1,891.59	1,798.17	1,712.58	-49.94
7. Other	NO	NO	NO	0.00
Total (including LULUCF)	26,584.29	34,850.82	26,215.78	-26.29

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) SWE_BR1_v2.0

Emission trends (CO_2)

(Sheet 1 of 3) CRF: Submission 2014 v2.1, SWEDEN

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	51,741.66	52,240.14	52,333.37	52,139.56	54,196.28	53,419.71	57,494.62	52,548.93	53,077.64
A. Fuel Combustion (Sectoral Approach)	51,432.72	51,984.21	52,039.53	51,823.00	53,933.22	53,115.13	57,204.62	52,262.97	52,773.07
1. Energy Industries	9,794.67	10,761.58	11,362.93	11,501.10	11,983.75	11,155.44	15,488.74	10,791.22	11,852.23
2. Manufacturing Industries and Construction	11,510.76	11,541.83	10,531.08	11,358.94	12,434.29	13,011.47	12,994.23	13,307.98	12,634.04
3. Transport	18,896.17	18,449.23	19,578.73	18,678.00	19,311.24	19,220.22	18,966.13	19,218.34	19,519.72
4. Other Sectors	10,385.02	10,163.39	9,446.53	9,406.96	9,429.31	9,024.60	9,109.84	8,359.98	8,295.01
5. Other	846.10	1,068.18	1,120.26	877.99	774.63	703.40	645.68	585.46	472.07
B. Fugitive Emissions from Fuels	308.94	255.93	293.84	316.56	263.06	304.58	290.00	285.96	304.58
1. Solid Fuels	5.18	5.03	4.43	4.58	5.42	5.99	5.90	5.72	5.55
2. Oil and Natural Gas	303.76	250.90	289.41	311.97	257.64	298.59	284.10	280.24	299.03
2. Industrial Processes	4,926.27	4,703.45	4,402.57	4,509.09	4,914.93	5,224.54	5,024.80	4,873.83	4,965.78
A. Mineral Products	1,721.76	1,588.44	1,510.62	1,521.89	1,604.10	1,762.59	1,693.82	1,621.90	1,740.50
B. Chemical Industry	126.05	129.05	114.77	118.82	117.60	110.36	116.68	104.36	107.53
C. Metal Production	3,078.46	2,985.96	2,777.18	2,868.38	3,193.23	3,351.59	3,214.29	3,147.57	3,117.76
D. Other Production	NE	NE	NE	NE	NE	NE	NE	NE	NE
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Solvent and Other Product Use	242.27	231.12	218.72	207.88	197.12	184.86	174.48	179.20	173.52
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	-37,265.58	-38,194.75	-35,997.02	-32,209.55	-32,213.14	-31,639.54	-33,099.48	-35,504.49	-34,592.64
A. Forest Land	-40,592.75	-41,697.05	-39,486.23	-36,024.11	-35,772.67	-35,555.85	-37,645.50	-39,288.77	-39,070.02
B. Cropland	2,407.55	2,264.45	2,076.13	2,222.55	2,035.91	2,077.79	2,401.37	1,927.71	2,556.16
C. Grassland	-301.91	-83.76	-69.98	-116.06	-269.73	-183.53	-73.57	-148.88	-344.97
D. Wetlands	39.60	36.60	39.60	38.40	42.00	46.20	40.80	48.60	40.20
E. Settlements	1,181.94	1,285.01	1,443.46	1,669.66	1,751.35	1,975.85	2,177.42	1,956.84	2,225.98
F. Other Land	NA	NA	NA	NA	NA	NA	NA	NA	NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	43.85	52.20	58.33	48.02	49.08	42.74	49.12	50.60	49.16
A. Solid Waste Disposal on Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Waste-water Handling									
C. Waste Incineration	43.85	52.20	58.33	48.02	49.08	42.74	49.12	50.60	49.16
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CO2 emissions including net CO2 from LULUCF	19,688.47	19,032.17	21,015.95	24,694.99	27,144.26	27,232.31	29,643.55	22,148.07	23,673.47
Total CO2 emissions excluding net CO2 from LULUCF	56,954.05	57,226.92	57,012.98	56,904.54	59,357.40	58,871.85	62,743.02	57,652.56	58,266.12
Memo Items:									
International Bunkers	3,562.81	3,727.65	3,908.69	4,252.15	4,910.27	4,937.26	5,183.43	5,908.50	6,690.20
Aviation	1,334.94	1,087.92	899.49	1,229.76	1,350.46	1,436.78	1,475.28	1,560.09	1,672.90
Marine	2,227.87	2,639.73	3,009.20	3,022.39	3,559.82	3,500.49	3,708.15	4,348.41	5,017.30
Multilateral Operations	0.05	0.05	0.05	0.32	0.32	0.32	0.32	0.32	0.32
CO2 Emissions from Biomass	11,436.56	12,152.54	13,066.66	14,206.28	15,697.66	16,495.00	18,057.66	16,811.49	16,882.22

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

Table 1 (a) SWE_BR1_v2.0

Emission trends (CO_2)

(Sheet 2 of 3) CRF: Submission 2014 v2.1, SWEDEN

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	50,167.05	48,794.40	49,629.39	50,419.68	51,315.59	50,132.25	47,776.39	47,751.90	46,421.18	44,530.61
A. Fuel Combustion (Sectoral Approach)	49,862.08	48,438.71	49,305.13	50,115.52	50,994.62	49,822.46	47,461.58	46,900.82	45,533.88	43,638.22
1. Energy Industries	10,116.71	8,619.65	10,139.13	11,056.05	12,176.63	11,263.73	10,370.35	10,408.87	9,823.35	9,653.30
2. Manufacturing Industries and Construction	11,657.19	12,082.75	12,150.83	11,949.01	11,702.68	11,377.10	10,825.81	10,974.23	10,433.34	9,831.02
3. Transport	19,819.29	19,571.67	19,786.74	20,361.38	20,671.07	21,019.95	21,274.74	21,086.73	21,182.00	20,609.79
4. Other Sectors	7,859.00	7,770.47	6,957.63	6,429.73	6,144.28	5,882.88	4,767.32	4,189.37	3,846.72	3,391.84
5. Other	409.89	394.18	270.80	319.35	299.96	278.79	223.36	241.62	248.48	152.27
B. Fugitive Emissions from Fuels	304.96	355.69	324.26	304.16	320.97	309.79	314.81	851.08	887.30	892.39
1. Solid Fuels	5.62	5.53	5.93	6.12	5.00	7.30	5.33	5.22	4.60	4.45
2. Oil and Natural Gas	299.34	350.15	318.34	298.04	315.97	302.48	309.48	845.86	882.70	887.94
2. Industrial Processes	4,945.51	5,151.13	5,250.87	5,363.99	5,091.23	5,419.41	5,236.29	5,225.88	5,329.80	5,253.66
A. Mineral Products	1,732.87	1,879.13	1,908.58	1,910.71	1,829.46	1,918.26	2,003.89	2,151.60	2,081.50	2,131.04
B. Chemical Industry	107.43	114.11	114.77	116.05	115.74	123.04	132.68	116.07	139.98	141.55
C. Metal Production	3,105.20	3,157.89	3,227.52	3,337.23	3,146.02	3,378.11	3,099.72	2,958.22	3,108.32	2,981.08
D. Other Production	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Solvent and Other Product Use	164.38	155.40	150.13	148.45	156.03	164.85	166.33	167.70	166.50	164.73
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	-34,085.41	-35,616.66	-35,745.80	-35,745.85	-32,669.93	-29,495.43	-27,187.48	-34,444.20	-31,362.31	-32,961.51
A. Forest Land	-38,923.36	-39,422.26	-40,639.34	-40,565.11	-37,839.39	-34,230.93	-31,700.93	-38,388.54	-35,646.65	-37,517.63
B. Cropland	2,619.65	1,560.99	2,648.12	2,149.17	2,160.30	2,096.30	2,020.57	1,344.70	1,819.97	1,835.40
C. Grassland	-380.93	-190.67	-338.40	-30.63	289.62	-71.11	-328.12	-141.17	-14.90	-218.96
D. Wetlands	58.20	62.40	63.00	61.20	56.40	48.00	61.80	37.20	61.80	54.95
E. Settlements	2,541.02	2,372.88	2,520.82	2,639.52	2,663.14	2,662.30	2,759.19	2,703.61	2,417.47	2,884.73
F. Other Land	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	48.20	44.44	47.47	60.73	44.75	51.91	52.20	48.90	54.21	56.53
A. Solid Waste Disposal on Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Waste-water Handling										
C. Waste Incineration	48.20	44.44	47.47	60.73	44.75	51.91	52.20	48.90	54.21	56.53
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CO2 emissions including net CO2 from LULUCF	21,239.72	18,528.71	19,332.06	20,246.99	23,937.66	26,272.99	26,043.73	18,750.18	20,609.37	17,044.02
Total CO2 emissions excluding net CO2 from LULUCF	55,325.13	54,145.37	55,077.86	55,992.85	56,607.59	55,768.43	53,231.21	53,194.38	51,971.68	50,005.53
Memo Items:										
International Bunkers	6,788.09	6,696.74	6,525.44	5,715.21	7,086.85	8,274.56	8,575.38	9,145.86	9,552.30	9,447.86
Aviation	1,879.19	1,926.23	1,870.75	1,611.26	1,566.46	1,771.55	1,935.72	2,006.28	2,194.68	2,456.84
Marine	4,908.90	4,770.51	4,654.69	4,103.95	5,520.40	6,503.01	6,639.65	7,139.58	7,357.62	6,991.02
Multilateral Operations	0.32	0.32	0.76	0.84	0.76	0.76	1.78	2.73	1.96	2.55
CO2 Emissions from Biomass	17,153.73	15,728.13	18,861.35	18,373.57	19,099.58	19,233.49	20,656.23	21,927.72	22,139.91	23,832.68

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

Table 1(a) SWE_BR1_v2.0

Emission trends (CO_2)

(Sheet 3 of 3) CRF: Submission 2014 v2.1, SWEDEN

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	42,702.25	46,830.98	43,042.21	-16.81
A. Fuel Combustion (Sectoral Approach)	41,790.14	45,944.04	42,157.52	-18.03
1. Energy Industries	10,026.40	12,460.27	10,126.60	3.39
2. Manufacturing Industries and Construction	8,144.87	9,617.31	8,983.26	-21.96
3. Transport	20,120.37	20,307.44	19,786.80	4.71
4. Other Sectors	3,257.69	3,385.26	3,077.11	-70.37
5. Other	240.82	173.76	183.75	-78.28
B. Fugitive Emissions from Fuels	912.11	886.94	884.70	186.37
1. Solid Fuels	14.54	5.01	5.85	12.92
2. Oil and Natural Gas	897.57	881.93	878.85	189.32
2. Industrial Processes	3,596.28	5,317.63	5,460.12	10.84
A. Mineral Products	1,809.81	2,050.42	2,072.27	20.36
B. Chemical Industry	100.19	130.77	136.35	8.17
C. Metal Production	1,686.27	3,136.43	3,251.51	5.62
D. Other Production	NE	NE	NE	0.00
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NO	NO	NO	0.00
3. Solvent and Other Product Use	161.47	163.68	163.68	-32.44
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	-33,010.36	-30,838.38	-35,348.86	-5.14
A. Forest Land	-37,285.75	-35,678.93	-39,301.34	-3.18
B. Cropland	1,942.18	2,147.28	1,246.74	-48.22
C. Grassland	-146.41	-70.97	1.21	-100.40
D. Wetlands	53.79	53.79	53.79	35.83
E. Settlements	2,425.82	2,710.45	2,650.73	124.27
F. Other Land	NA	NA	NA	0.00
G. Other	NE	NE	NE	0.00
6. Waste	58.44	56.27	59.68	36.08
A. Solid Waste Disposal on Land	NO	NO	NO	0.00
B. Waste-water Handling				
C. Waste Incineration	58.44	56.27	59.68	36.08
D. Other	NA	NA	NA	0.00
7. Other (as specified in the summary table in CRF)	NO	NO	NO	0.00
Total CO2 emissions including net CO2 from LULUCF	13,508.08	21,530.18	13,376.83	-32.06
Total CO2 emissions excluding net CO2 from LULUCF	46,518.44	52,368.55	48,725.69	-14.45
Memo Items:				
International Bunkers	9,369.05	8,820.57	8,152.27	128.82
Aviation	2,088.05	2,110.19	2,273.83	70.33
Marine	7,280.99	6,710.38	5,878.44	163.86
Multilateral Operations	1.77	2.32	2.06	3,768.08
CO2 Emissions from Biomass	25,384.00	27,300.34	25,709.10	124.80

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) SWE_BR1_v2.0

Emission trends (CH_4)

(Sheet 1 of 3) CRF: Submission 2014 v2.1, SWEDEN

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	27.35	28.27	28.16	27.73	28.08	28.12	28.94	27.34	26.02
A. Fuel Combustion (Sectoral Approach)	23.78	24.71	24.57	24.16	24.51	24.56	25.28	23.52	22.08
1. Energy Industries	1.05	1.23	1.08	1.40	1.64	1.80	2.49	2.08	2.20
2. Manufacturing Industries and Construction	2.18	2.15	2.48	2.48	2.78	2.70	2.62	2.54	2.53
3. Transport	8.92	9.29	8.76	7.77	8.02	7.42	7.21	6.57	6.16
4. Other Sectors	11.58	12.01	12.20	12.48	12.04	12.60	12.93	12.30	11.16
5. Other	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02
B. Fugitive Emissions from Fuels	3.58	3.55	3.59	3.57	3.57	3.56	3.66	3.82	3.94
1. Solid Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	3.58	3.55	3.58	3.57	3.57	3.56	3.66	3.82	3.94
2. Industrial Processes	0.64	0.59	0.59	0.65	0.69	0.71	0.74	0.79	0.79
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	0.36	0.30	0.31	0.35	0.39	0.40	0.43	0.47	0.47
C. Metal Production	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04
D. Other Production	0.24	0.26	0.26	0.27	0.26	0.27	0.26	0.28	0.27
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Solvent and Other Product Use									
4. Agriculture	151.64	148.11	151.68	156.47	157.93	153.98	152.53	152.93	148.60
A. Enteric Fermentation	140.51	137.11	140.27	144.31	145.62	141.60	139.93	140.38	136.31
B. Manure Management	11.13	11.00	11.42	12.15	12.31	12.38	12.60	12.55	12.29
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.42	0.02
A. Forest Land	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.40	0.02
B. Cropland	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO
C. Grassland	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.00
D. Wetlands	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Settlements	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE
F. Other Land	NA	NA	NA	NA	NA	NA	NA	NA	NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	150.75	152.84	152.88	148.20	142.65	142.31	141.21	139.96	137.91
A. Solid Waste Disposal on Land	136.87	138.95	138.99	134.31	128.76	128.42	127.32	126.08	124.02
B. Waste-water Handling	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89
C. Waste Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CH4 emissions including CH4 from LULUCF	330.47	329.89	333.39	333.12	329.42	325.19	323.49	321.44	313.34
Total CH4 emissions excluding CH4 from LULUCF	330.39	329.81	333.31	333.05	329.35	325.12	323.41	321.02	313.31
Memo Items:									
International Bunkers	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05
Aviation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Marine	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Multilateral Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO2 Emissions from Biomass									

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

Table 1(b) SWE_BR1_v2.0

Emission trends (CH_4)

(Sheet 2 of 3) CRF: Submission 2014 v2.1, SWEDEN

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	25.56	24.88	24.96	24.79	25.36	25.39	26.15	25.91	25.79	26.79
A. Fuel Combustion (Sectoral Approach)	21.48	20.53	20.59	20.32	20.75	20.62	21.36	20.96	20.74	21.52
1. Energy Industries	2.26	2.19	2.68	2.82	3.03	3.10	3.41	3.54	3.55	3.94
2. Manufacturing Industries and Construction	2.40	2.01	2.59	2.27	2.11	2.10	2.06	2.33	2.23	2.24
3. Transport	5.73	5.20	4.73	4.34	3.99	3.68	3.52	3.30	3.03	2.92
4. Other Sectors	11.08	11.12	10.58	10.89	11.62	11.73	12.37	11.78	11.92	12.41
5. Other	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	4.07	4.34	4.37	4.47	4.61	4.77	4.78	4.96	5.04	5.27
1. Solid Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	4.07	4.34	4.37	4.47	4.61	4.77	4.78	4.96	5.04	5.27
2. Industrial Processes	0.72	0.82	0.83	0.79	0.83	0.83	0.77	0.79	0.76	0.74
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	0.40	0.47	0.48	0.44	0.47	0.48	0.43	0.46	0.43	0.43
C. Metal Production	0.04	0.04	0.04	0.04	0.03	0.04	0.02	0.02	0.01	0.01
D. Other Production	0.28	0.31	0.31	0.30	0.32	0.32	0.32	0.32	0.32	0.31
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Solvent and Other Product Use										
4. Agriculture	147.14	143.16	143.18	142.17	140.62	142.62	142.66	142.73	139.83	138.91
A. Enteric Fermentation	135.18	131.61	130.23	129.34	126.97	128.88	127.60	127.86	125.30	124.49
B. Manure Management	11.96	11.55	12.95	12.83	13.64	13.74	15.05	14.86	14.53	14.41
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.14	0.14	0.14	0.23	0.29	0.26	0.24	0.58	0.11	0.63
A. Forest Land	0.14	0.14	0.14	0.22	0.27	0.25	0.23	0.58	0.11	0.63
B. Cropland	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO	IE, NO
C. Grassland	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.01	0.00	0.01
D. Wetlands	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Settlements	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE
F. Other Land	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	132.60	128.86	126.77	119.32	113.30	112.31	105.44	101.94	94.16	84.51
A. Solid Waste Disposal on Land	118.71	114.97	112.89	105.43	99.42	98.43	91.55	87.94	80.08	70.24
B. Waste-water Handling	13.89	13.89	13.89	13.89	13.89	13.89	13.89	14.00	14.08	14.27
C. Waste Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CH4 emissions including CH4 from LULUCF	306.15	297.86	295.88	287.29	280.40	281.41	275.25	271.95	260.65	251.58
Total CH4 emissions excluding CH4 from LULUCF	306.01	297.72	295.74	287.06	280.11	281.15	275.01	271.37	260.53	250.94
Memo Items:										
International Bunkers	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06
Aviation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Marine	0.03	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.05
Multilateral Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO2 Emissions from Biomass										

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

Table 1(b) SWE_BR1_v2.0

Emission trends (CH_4)

(Sheet 3 of 3) CRF: Submission 2014 v2.1, SWEDEN

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	28.38	28.33	28.56	4.41
A. Fuel Combustion (Sectoral Approach)	23.18	23.07	23.37	-1.71
1. Energy Industries	4.23	4.81	4.11	289.54
2. Manufacturing Industries and Construction	2.22	2.37	2.25	3.14
3. Transport	2.75	2.66	2.41	-73.03
4. Other Sectors	13.98	13.24	14.61	26.12
5. Other	0.00	0.00	0.00	-95.12
B. Fugitive Emissions from Fuels	5.20	5.26	5.19	45.00
1. Solid Fuels	0.00	0.00	0.00	10.33
2. Oil and Natural Gas	5.20	5.26	5.19	45.01
2. Industrial Processes	0.58	0.71	0.68	5.81
A. Mineral Products	NA	NA	NA	0.00
B. Chemical Industry	0.27	0.40	0.38	2.82
C. Metal Production	0.01	0.01	0.01	-76.36
D. Other Production	0.30	0.31	0.30	22.46
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NO	NO	NO	0.00
3. Solvent and Other Product Use				
4. Agriculture	137.71	137.37	137.09	-9.60
A. Enteric Fermentation	123.68	123.27	122.75	-12.64
B. Manure Management	14.03	14.10	14.34	28.77
C. Rice Cultivation	NO	NO	NO	0.00
D. Agricultural Soils	NO	NO	NO	0.00
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	NO	NO	NO	0.00
G. Other	NO	NO	NO	0.00
5. Land Use, Land-Use Change and Forestry	0.13	0.03	0.10	23.67
A. Forest Land	0.12	0.03	0.10	37.50
B. Cropland	IE, NO	IE, NO	IE, NO	0.00
C. Grassland	0.00	0.00	0.00	-69.03
D. Wetlands	NA	NA	NA	0.00
E. Settlements	IE, NE	IE, NE	IE, NE	0.00
F. Other Land	NA	NA	NA	0.00
G. Other	NE	NE	NE	0.00
6. Waste	79.52	75.31	71.05	-52.87
A. Solid Waste Disposal on Land	65.34	61.05	56.79	-58.51
B. Waste-water Handling	14.18	14.26	14.26	2.70
C. Waste Incineration	0.00	0.00	0.00	326.66
D. Other	NA	NA	NA	0.00
7. Other (as specified in the summary table in CRF)	NO	NO	NO	0.00
Total CH4 emissions including CH4 from LULUCF	246.31	241.76	237.48	-28.14
Total CH4 emissions excluding CH4 from LULUCF	246.18	241.72	237.38	-28.15
Memo Items:				
International Bunkers	0.06	0.06	0.05	119.54
Aviation	0.01	0.01	0.01	30.45
Marine	0.05	0.05	0.04	177.78
Multilateral Operations	0.00	0.00	0.00	582.09
CO2 Emissions from Biomass				

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

[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)

SWE_BR1_v2.0

Emission trends (N_2O)

(Sheet 1 of 3)

CRF: Submission 2014 v2.1, SWEDEN

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	4.37	4.49	4.46	4.52	4.67	4.69	5.22	4.70	4.63
A. Fuel Combustion (Sectoral Approach)	4.36	4.48	4.45	4.52	4.67	4.68	5.22	4.70	4.63
1. Energy Industries	1.06	1.14	1.17	1.15	1.21	1.13	1.71	1.17	1.23
2. Manufacturing Industries and Construction	1.62	1.67	1.60	1.67	1.78	1.83	1.79	1.79	1.75
3. Transport	0.70	0.69	0.74	0.78	0.77	0.83	0.82	0.86	0.81
4. Other Sectors	0.93	0.92	0.88	0.88	0.87	0.86	0.87	0.85	0.83
5. Other	0.05	0.06	0.06	0.04	0.04	0.03	0.03	0.03	0.02
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2.91	3.06	2.96	2.89	2.80	2.59	2.49	2.48	2.75
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	2.69	2.83	2.73	2.65	2.57	2.36	2.26	2.24	2.51
C. Metal Production	NA	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Other Production	0.21	0.23	0.23	0.23	0.23	0.23	0.23	0.25	0.24
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Solvent and Other Product Use	0.29	0.29	0.35	0.35	0.31	0.40	0.44	0.46	0.47
4. Agriculture	18.75	18.20	17.84	18.04	18.17	17.70	17.60	17.95	17.83
A. Enteric Fermentation									
B. Manure Management	2.36	2.30	2.35	2.14	2.17	2.06	2.06	2.15	2.10
C. Rice Cultivation									
D. Agricultural Soils	16.39	15.90	15.49	15.90	15.99	15.64	15.54	15.80	15.73
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.26	0.20	0.17	0.18	0.18	0.20	0.20	0.20	0.20
A. Forest Land	0.19	0.11	0.08	0.07	0.06	0.07	0.06	0.05	0.05
B. Cropland	0.07	0.09	0.09	0.11	0.12	0.13	0.14	0.15	0.15
C. Grassland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Wetlands	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Settlements	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE
F. Other Land	NA	NA	NA	NA	NA	NA	NA	NA	NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	0.68	0.66	0.64	0.64	0.64	0.65	0.62	0.60	0.57
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.68	0.66	0.63	0.63	0.63	0.65	0.62	0.60	0.57
C. Waste Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total N2O emissions including N2O from LULUCF	27.25	26.89	26.41	26.61	26.76	26.23	26.58	26.39	26.46
Total N2O emissions excluding N2O from LULUCF	27.00	26.69	26.24	26.43	26.58	26.03	26.38	26.19	26.26
Memo Items:									
International Bunkers	0.17	0.18	0.20	0.21	0.24	0.24	0.26	0.29	0.33
Aviation	0.05	0.05	0.04	0.05	0.06	0.06	0.06	0.07	0.07
Marine	0.12	0.14	0.16	0.16	0.19	0.18	0.19	0.23	0.26
Multilateral Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO2 Emissions from Biomass									

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

Table 1(c)

SWE_BR1_v2.0

Emission trends (N_2O)

(Sheet 2 of 3)

CRF: Submission 2014 v2.1, SWEDEN

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	4.41	4.09	4.22	4.20	4.29	4.18	4.12	4.23	4.15	4.22
A. Fuel Combustion (Sectoral Approach)	4.41	4.08	4.21	4.20	4.29	4.17	4.12	4.22	4.14	4.20
1. Energy Industries	1.12	1.00	1.14	1.23	1.39	1.32	1.30	1.35	1.30	1.35
2. Manufacturing Industries and Construction	1.61	1.60	1.67	1.61	1.52	1.51	1.50	1.59	1.54	1.54
3. Transport	0.83	0.63	0.58	0.55	0.53	0.51	0.51	0.50	0.49	0.51
4. Other Sectors	0.83	0.84	0.80	0.80	0.83	0.82	0.80	0.77	0.79	0.80
5. Other	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B. Fugitive Emissions from Fuels	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
1. Solid Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
2. Industrial Processes	2.47	2.39	1.87	1.74	1.72	1.71	1.72	1.78	1.09	1.16
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	2.23	2.12	1.60	1.48	1.44	1.43	1.45	1.50	0.81	0.89
C. Metal Production	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Other Production	0.24	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.27
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Solvent and Other Product Use	0.43	0.39	0.38	0.41	0.44	0.47	0.44	0.42	0.37	0.40
4. Agriculture	17.19	17.12	16.95	16.73	16.48	16.45	16.00	15.92	15.87	16.12
A. Enteric Fermentation										
B. Manure Management	1.97	1.93	1.79	1.79	1.69	1.71	1.60	1.60	1.57	1.57
C. Rice Cultivation										
D. Agricultural Soils	15.22	15.19	15.16	14.94	14.79	14.74	14.40	14.32	14.30	14.55
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.22	0.23	0.24	0.23	0.25	0.26	0.30	0.31	0.34	0.39
A. Forest Land	0.07	0.06	0.05	0.04	0.05	0.06	0.08	0.09	0.12	0.16
B. Cropland	0.15	0.17	0.18	0.19	0.20	0.21	0.21	0.21	0.21	0.23
C. Grassland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Wetlands	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Settlements	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE	IE, NE
F. Other Land	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
6. Waste	0.55	0.53	0.52	0.52	0.52	0.52	0.53	0.54	0.53	0.54
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.55	0.53	0.52	0.51	0.51	0.51	0.51	0.52	0.52	0.53
C. Waste Incineration	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.02
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total N2O emissions including N2O from LULUCF	25.28	24.76	24.17	23.82	23.70	23.59	23.11	23.20	22.35	22.83
Total N2O emissions excluding N2O from LULUCF	25.06	24.52	23.93	23.59	23.45	23.33	22.82	22.89	22.02	22.44
Memo Items:										
International Bunkers	0.33	0.33	0.32	0.28	0.35	0.40	0.42	0.45	0.47	0.45
Aviation	0.08	0.08	0.08	0.07	0.07	0.07	0.08	0.08	0.09	0.10
Marine	0.25	0.25	0.24	0.21	0.28	0.33	0.34	0.37	0.38	0.36
Multilateral Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO2 Emissions from Biomass										

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

Table 1(c) SWE_BR1_v2.0

Emission trends (N_2O)

(Sheet 3 of 3) CRF: Submission 2014 v2.1, SWEDEN

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	4.27	4.66	4.43	1.42
A. Fuel Combustion (Sectoral Approach)	4.26	4.65	4.42	1.25
1. Energy Industries	1.46	1.71	1.45	36.95
2. Manufacturing Industries and Construction	1.45	1.57	1.56	-3.73
3. Transport	0.51	0.53	0.53	-25.18
4. Other Sectors	0.84	0.84	0.87	-5.86
5. Other	0.01	0.01	0.01	-85.16
B. Fugitive Emissions from Fuels	0.01	0.01	0.01	164.82
1. Solid Fuels	0.00	0.00	0.00	10.33
2. Oil and Natural Gas	0.01	0.01	0.01	173.21
2. Industrial Processes	1.27	1.30	0.42	-85.65
A. Mineral Products	NA	NA	NA	0.00
B. Chemical Industry	1.01	1.03	0.16	-94.18
C. Metal Production	NA, NO	NA, NO	NA, NO	0.00
D. Other Production	0.26	0.27	0.26	21.81
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NO	NO	NO	0.00
3. Solvent and Other Product Use	0.35	0.40	0.40	38.83
4. Agriculture	15.53	15.80	15.78	-15.84
A. Enteric Fermentation				
B. Manure Management	1.47	1.48	1.44	-39.09
C. Rice Cultivation				
D. Agricultural Soils	14.06	14.31	14.34	-12.49
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	NO	NO	NO	0.00
G. Other	NO	NO	NO	0.00
5. Land Use, Land-Use Change and Forestry	0.38	0.44	0.37	44.93
A. Forest Land	0.15	0.21	0.14	-24.16
B. Cropland	0.23	0.23	0.23	227.64
C. Grassland	0.00	0.00	0.00	-68.49
D. Wetlands	NA	NA	NA	0.00
E. Settlements	IE, NE	IE, NE	IE, NE	0.00
F. Other Land	NA	NA	NA	0.00
G. Other	NE	NE	NE	0.00
6. Waste	0.53	0.52	0.52	-23.96
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.51	0.50	0.50	-26.31
C. Waste Incineration	0.02	0.02	0.02	457.21
D. Other	NA	NA	NA	0.00
7. Other (as specified in the summary table in CRF)	NO	NO	NO	0.00
Total N2O emissions including N2O from LULUCF	22.32	23.12	21.92	-19.58
Total N2O emissions excluding N2O from LULUCF	21.95	22.68	21.55	-20.19
Memo Items:				
International Bunkers	0.45	0.43	0.40	130.15
Aviation	0.08	0.09	0.09	69.30
Marine	0.37	0.35	0.30	158.33
Multilateral Operations	0.00	0.00	0.00	21,437.06
CO2 Emissions from Biomass				

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

[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) SWE_BR1_v2.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 1 of 3) CRF: Submission 2014 v2.1, SWEDEN

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)	4.15	8.45	10.70	33.86	76.97	132.12	210.53	318.46	391.76
HFC-23	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-32	NA, NO	NA, NO	NA, NO	0.00	0.00	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	0.00	0.00	0.01	0.01	0.01	0.01
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.00	0.01	0.01	0.02	0.04	0.07	0.12	0.18	0.23
HFC-152a	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.06	0.15	0.14
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	0.00	0.00	0.00	0.01	0.01	0.01
HFC-227ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-236fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of listed HFCsd - (kt CO_2 eq)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCsc - (kt CO2 eq)	376.82	380.25	252.42	290.97	311.73	343.43	302.91	279.69	271.86
CF_4	0.05	0.05	0.04	0.04	0.04	0.05	0.04	0.04	0.04
C_2F_6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C 3F8	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	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
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)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF6(3) - (Gg CO2 equivalent)	107.49	108.51	108.40	96.66	100.20	126.68	108.40	153.10	99.38
SF_6	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00

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

Table 1(d) SWE_BR1_v2.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 2 of 3) CRF: Submission 2014 v2.1, SWEDEN

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)	494.55	567.89	614.70	665.82	709.89	768.99	789.50	817.90	838.35	866.62
HFC-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
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	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.30	0.34	0.37	0.40	0.42	0.46	0.48	0.49	0.50	0.52
HFC-152a	0.14	0.15	0.18	0.15	0.22	0.20	0.21	0.23	0.22	0.27
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	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02
HFC-227ea	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCsc - (kt CO2 eq)	291.29	240.52	235.61	260.91	258.30	253.98	257.15	245.32	247.60	225.05
CF_4	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03
C_2F_6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	NA, NO
C_6F_{14}	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)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF6(3) - (Gg CO2 equivalent)	101.65	93.59	111.49	103.85	68.88	81.21	142.48	111.31	151.49	83.87
SF_6	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00

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

Table 1(d) SWE_BR1_v2.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 3 of 3) CRF: Submission 2014 v2.1, SWEDEN

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)	868.52	845.24	813.42	19,485.67
HFC-23	0.00	0.00	0.00	100.00
HFC-32	0.01	0.01	0.01	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	0.03	0.03	0.03	100.00
HFC-134	NA, NO	NA, NO	NA, NO	0.00
HFC-134a	0.52	0.50	0.48	14,813.79
HFC-152a	0.20	0.16	0.20	100.00
HFC-143	NA, NO	NA, NO	NA, NO	0.00
HFC-143a	0.02	0.02	0.02	100.00
HFC-227ea	0.00	0.00	0.00	100.00
HFC-236fa	NA, NO	NA, NO	NA, NO	0.00
HFC-245ca	NA, NO	NA, NO	NA, NO	0.00
Unspecified mix of listed HFCsd - (kt CO_2 eq)	NA, NO	NA, NO	NA, NO	0.00
Emissions of PFCsc - (kt CO2 eq)	35.33	158.21	182.95	-51.45
CF_4	0.00	0.02	0.02	-56.22
C_2F_6	0.00	0.00	0.00	-0.90
C 3F8	0.00	0.00	0.00	100.00
C_4F_{10}	NA, NO	NA, NO	NA, NO	0.00
c-C_4F_8	NA, NO	NA, NO	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)	NA, NO	NA, NO	NA, NO	0.00
Emissions of SF6(3) - (Gg CO2 equivalent)	80.53	72.59	60.43	-43.77
SF_6	0.00	0.00	0.00	-43.77

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

Table 2(a) SWE_BR1_v2.0

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

Party	*Sweden*	
Base year /base period	1990	
Emission reduction target	% of base year/base period	% of 1990 [b]
		20.00%
Period for reaching target	BY-2020	

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

[b] Optional.

Table 2(b) SWE_BR1_v2.0

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		1995
Other Gases (specify)		
Sectors covered[b]	Energy	Yes
	Transport[f]	Yes
	Industrial processes[g]	Yes
	Agriculture	Yes
	LULUCF	No
	Waste	Yes
	Other Sectors (specify)	
	Aviation	Yes

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) SWE_BR1_v2.0

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) SWE_BR1_v2.0

Description of quantified economy-wide emission reduction target: approach to counting emissions and removals from the LULUCF sector[a]

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

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

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

Table 2(e)I SWE_BR1_v2.0

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	0.00
ERUs	0.00
AAUs[i]	0.00
Carry-over units[j]	0.00
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 SWE_BR1_v2.0

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.

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

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

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

[b] This information could include information on the domestic legal status of the target or the total assigned amount of emission units for the period for reaching a target. Some of this information is presented in the narrative part of the biennial report.

Custom Footnotes

Table 3 SWE_BR1_v2.0

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)*	
Delegation for Sustainable Cities	Cross-cutting	CH_4, CO_2, HFCs, N_2O, NF_3, PFCs, SF_6	Transition to ecological sustainability at local level	Economic	Implemented	Financial support(state funding) to all types of stakeholders. The projects supported are intended to serve as models of sustainable urban planning and applied enviornmental technology.	2009	Swedish National Board of Housing, Building and Planning		
Environmental Code	Cross-cutting	CH_4, CO_2, HFCs, N_2O, NF_3, PFCs, SF_6	Ecologically sustainable development	Regulatory	Implemented	The Environmental Code brings together the principal legislative provisions in the area of the environment. In applying it, the environmental quality objectives are to serve as a guide. The Code includes general rules of consideration that are to be observed in connection with all activities and measures.	1999	Swedish Environmental Protection Agency		
New Planning and Building Act	Cross-cutting	CH_4, CO_2, HFCs, N_2O, NF_3, PFCs, SF_6	Promote sustainable development of society	Regulatory	Implemented	The new Act introduced a new requirement to take account of environmental and climate aspects in planning. The purpose of this addition is to promote good environmental conditions both by means of adaptation to climate change and by reducing human impact on climate and thereby helping to achieve the environmental quality objective Reduced Climate Impact.	2011	Swedish National Board of Housing, Building and Planning		
Climate and energy advice	Cross-cutting	CH_4, CO_2, HFCs, N_2O, NF_3, PFCs, SF_6	Greater awareness of possible measures	Information	Implemented	Continuous information is provided locally through the country's climate and energy advisers. They deal free of charge with enquiries concerning heating, energy costs, energy efficiency, transport, climate, and government grants in the area of energy.	1998	Swedish Energy Agency		
Research and development	Cross-cutting	CH_4, CO_2, HFCs, N_2O, NF_3, PFCs, SF_6	Development of technology with very low climate impact	Economic	Implemented	Swedish climate-related research covers a broad spectrum, from natural sciences to humanities, but with an emphasis on technical and scientific R&D. The Government decided in 2012 to extend and progressively strengthen funding for energy research (Govt. Bill 2012/13:21), which is almost entirely climate-related.	1990	Swedish Energy Agency and VINNOVA (mainly)		
Energy tax	Cross-cutting	CO_2	Fiscal, and to improve efficiency of energy use	Economic	Implemented	Fiscal instrument. The energy tax is levied on fossil fuels, based in the case of heating fuels on their energy content.	1957	Swedish Tax Agency		
Carbon dioxide tax	Cross-cutting	CO_2	Reduce use of fossil fuels	Economic	Implemented	Fiscal instrument. The carbon dioxide tax is charged at a rate that is expressed per unit of weight or volume of fuel, calculated on the basis of the fuel's fossil carbon content.	1991	Swedish Tax Agency		

Table 3 SWE_BR1_v2.0

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)*	
Electricity certificates system	Other (Production of electricity and district heating, Industrial emissions from fuel combustion and processes)	CO_2	Increase supply of electricity from renewable energy sources	Economic	Implemented	Under the market based system, electricity generators approved for an allocation of electricity certificates are allocated one certificate for every megawatt-hour (MWh) of renewable electricity produced. These certificates are then sold to electricity users, who are required by law to purchase electricity certificates corresponding to a certain share, or quota, of their consumption. This quota is gradually increased year by year.	2003	Swedish Energy Agency and Svenska Kraftnät (Swedish National Grid)		
EU Emissions Trading System (EU ETS)	Other (Power and heat generation, Industry, Domestic aviation)	CO_2	Reduce use of fossil fuels in trading sector	Economic	Implemented	The system puts a limit, or cap, on emissions across the EU from the sectors covered. The fixed emissions cap will decrease every year up to 2020. The annual reduction in the cap will continue beyond 2020, but may be revised no later than 2025.	2005	Swedish Environmental Protection Agency and Swedish Energy Agency		
Special support for wind power	Other (Production of electricity and district heating)	CO_2	Reduce use of fossil fuels	Economic	Implemented	A special ‘Pilot Projects’ scheme in support of technology development and market introduction in offshore and mountain areas.	2007	Swedish Energy Agency		
Guarantees of Origin of Electricity Act	Other (Production of electricity and district heating)	CO_2	Reduce use of fossil fuels	Economic	Implemented	Its aim is to ensure that final customers are provided with clear information on the origins of the electricity they purchase	2010	Swedish Energy Agency and Svenska Kraftnät		
Central government support for installation of solar cells	Other (Production of electricity and district heating)	CO_2	Reduce use of fossil fuels	Economic	Implemented	A central government scheme to support the installation of solar cells.	2009	Swedish Energy Agency		
Building regulations – energy efficiency standards	Other (Residential and commercial/institutional sector)	CO_2	More efficient energy use	Regulatory	Implemented	Building regulations include requirements concerning energy saving in buildings. Buildings are to be designed in such a way that energy use is limited by low heat losses, low cooling requirements, and efficient use of heat, cooling and electricity		Swedish National Board of Housing, Building and Planning		
Ecodesign Act	Other (Residential and commercial/institutional sector)	CO_2	More efficient energy use	Regulatory	Implemented	Legally binding ecodesign requirements are drawn up in the form of product-specific EU regulations, which have direct application in the member states. This directive results in energy savings by prohibiting the least energy-efficient products.	2010	Swedish Energy Agency		

Table 3 SWE_BR1_v2.0

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)*	
Mandatory energy labelling	Other (Residential and commercial/institutional sector)	CO_2	More efficient energy use	Information	Implemented	Energy labelling is mandatory for certain electric products, e.g. televisions, refrigerators, freezers, dishwashers and washing machines. Sweden has an active programme of market surveillance, involving both supervision of dealers and laboratory tests of products.	1995	Swedish Energy Agency		
Technology procurement	Other (Residential and commercial/institutional sector)	CO_2	More efficient energy use and increased use of renewable energy	Economic	Implemented	Designed to initiate a market transition and disseminate new, efficient technology – new products, systems or processes. Network-based procurement of technology is an approach that encompasses the entire decision-making process, from pre-study and purchaser group to specification of requirements and the spread and further development of new, energy-efficient technology.		Swedish Energy Agency		
Support for solar heating	Other (Residential and commercial/institutional sector)	CO_2	Increased use of renewable energy	Economic	Implemented	A central government scheme to support the installation of solar heating	2009	Swedish National Board of Housing, Building and Planning		
Reduced carbon dioxide tax relief for industry outside EU ETS, and energy tax on fossil fuels for heating in industry	Industry/industrial processes	CO_2	Reduce use of fossil fuels	Economic	Implemented	Taxation of fossil fuels used in sections of industry outside the EU ETS was raised on 1 January 2011 from 21% to 30% of the standard rate of carbon dioxide tax. There will be a further increase in 2015, to 60% of the standard rate.	2011	Swedish Tax Agency	400.00	
Programme for Energy Efficiency in Energy-Intensive Industry (PFE)	Industry/industrial processes	CO_2	Reduce use of electricity	Voluntary Agreement	Implemented	This five-year programme offered companies exemption from energy tax on the electricity used in manufacturing processes, in exchange for a commitment, in the first two years, to introduce an energy management system and carry out an energy survey to analyse the company's potential to take energy efficiency measures. Firms also undertook to implement, during the programme period, measures to improve electricity efficiency with a payback time of less than three years.	2005	Swedish Energy Agency		
F-gas Regulation and Mobile Air Conditioning Directive	Other (Industrial processes)	HFCs		Regulatory	Implemented	The use of certain F-gases has been controlled by the EU Regulation No 842/2006, which primarily applies to the use of F-gases in refrigeration, air conditioning and heat pump equipment, as well as in fire protection systems.			700.00	

Table 3 SWE_BR1_v2.0

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)*	
Vehicle fuel taxes (energy and carbon dioxide taxes)	Transport	CO_2	Internalise external effects of road transport, incl. greenhouse gas emissions	Economic	Implemented	Petrol and diesel are subject to both an energy tax and a carbon dioxide tax(described above).		Swedish Tax Agency	2,000.00	
Increased energy tax on diesel	Transport	CO_2	Internalise external effects of road transport, incl. greenhouse gas emissions	Economic	Implemented	In accordance with the climate policy decision of 2009, the energy tax on diesel has been raised in two stages, in 2011 and 2013, by a total of SEK 0.40/litre.	2011 and 2013	Swedish Tax Agency		
Targeted instruments to promote introduction of renewable transport fuels	Transport	CO_2	Increase use of renewable transport fuels	Economic	Implemented	Sustainable biofuels in petrol and diesel, in blends of up to 5% by volume, are exempt from the whole of the carbon dioxide tax and most of the energy tax. E85 and other sustainable high-blend biofuels and biofuels with no fossil content are entirely exempt from carbon dioxide and energy tax on their biomass-based component. In the case of sustainable hydrotreated vegetable and animal oils and fats (HVO), exemption from these taxes applies to up to 15% by volume of HVO in diesel fuel.		Swedish Tax Agency (mainly)		
Rules on producer responsibility for certain products	Waste management/waste	CH_4	Increase recycling and reduce total quantities of waste	Regulatory	Implemented	Rules on producer responsibility for certain products		Swedish Environmental Protection Agency		
Landfill tax (2000)	Waste management/waste	CH_4	Increase recycling and reduce total quantities of waste	Economic	Implemented	A tax on waste disposed of to landfill (SFS 1999:673)	2000	Swedish Tax Agency		
Bans on landfill of separated combustible waste (2002)	Waste management/waste	CH_4	Increase recycling and reduce total quantities of waste	Regulatory	Implemented	Landfilling of separated combustible material (2002) has been banned (SFS 2001:512).	2002	Swedish Environmental Protection Agency		
Bans on landfill of organic waste (2005)	Waste management/waste	CH_4	Increase recycling and reduce total quantities of waste	Regulatory	Implemented	Landfilling of organic material (2005) has been banned (SFS 2001:512).	2005	Swedish Environmental Protection Agency		
Targeted agri-environment payments under Rural Development Programme	Agriculture	N_2O, CH_4	Reduced Climate Impact, A Varied Agricultural Landscape and Zero Eutrophica-tion	Economic	Implemented	It comprises support for rural development, environmental improvements, and greater competitiveness in agriculture, forestry, horticulture, reindeer herding and food processing.	2007	Swedish Board of Agriculture		
Provisions of Forestry Act on forest management etc.	Forestry/LULUCF	CO_2	Achieve environ-mental and production objectives for forests	Regulatory	Implemented	The provisions do indirectly affect trends in carbon dioxide removals in various ways, inter alia requirements are designed to ensure that full use is made of the timber-producing capacity of land, which is beneficial from a climate point of view.		Swedish Forest Agency		

Table 3 SWE_BR1_v2.0

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)*	
Provisions of Environmental Code on land drainage	Forestry/LULUCF	CH_4, CO_2	Biodiversity	Regulatory	Implemented	In central parts of the southern Swedish highlands and north of the limes norrlandicus, land drainage – defined as drainage with the aim of permanently increasing the suitability of a property for a certain purpose – may only be undertaken with a permit. In the rest of the country and on sites specially protected under the Ramsar Convention, such schemes are prohibited.		County administrative boards		
Provisions on nature reserves and habitat protection areas in Environmental Code, and nature conservation agreements	Forestry/LULUCF	CO_2	Biodiversity	Regulatory	Implemented	Site protection, nature conservation agreements and voluntary set-aside of land		Swedish Environmental Protection Agency and county administrative boards		
Energy performance certificates	Other (Other (Residential and commercial/institutional sector))	CO_2	More efficient energy use	Regulatory	Implemented	Owners of multi-dwelling buildings and commercial and institutional premises are required by law to obtain an energy performance certificate, setting out the energy use of their building and certain parameters regarding the indoor environment.	2009	Swedish National Board of Housing, Building and Planning		
Rules on municipal waste planning	Waste management/waste	CH_4	Increase recycling and reduce total quantities of waste	Regulatory	Implemented	Municipal waste planning requirement (NFS 2006:6)	1991	Swedish Environmental Protection Agency		
Emission standards for new vehicles	Transport	CO_2	Reduce carbon dioxide emissions from light-duty vehicles	Regulatory	Adopted	EU-regulations: New passenger cars should not emit an average of more than 130 g CO2/km by 2015. New vans should not emit an average of more than 175 g CO2/km by 2017.	2015	Swedish Transport Agency		

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 4 SWE_BR1_v2.0

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)*
(1990)	NA	NA	NA	NA	NA	NA
2010	NA	NA	NA	NA	NA	NA
2011	NA	NA	22,637,902.00	0.00		
2012	NA	NA	20,207,834.00	0.00		

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 SWE_BR1_v2.0

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

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

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

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

[c] For each category, enter the net emissions or removals reported in the most recent inventory submission for the corresponding inventory year. If a category differs from that used for the reporting under the Convention or its Kyoto Protocol, explain in the biennial report how the value was derived.

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

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

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

[g] Specify what was used for the category “other”. Explain in this biennial report how each was defined and how it relates to the categories used for reporting under the Convention or its Kyoto Protocol.

Custom Footnotes

Table 4(a)I SWE_BR1_v2.0

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

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

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

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

[c] For each category, enter the net emissions or removals reported in the most recent inventory submission for the corresponding inventory year. If a category differs from that used for the reporting under the Convention or its Kyoto Protocol, explain in the biennial report how the value was derived.

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

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

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

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

Custom Footnotes

Table 4(a)II

SWE_BR1_v2.0
Source: Submission 2014 v2.1, SWEDEN

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								

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 biennial

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

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

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

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

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

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

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

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

[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

Documentation Box:

Table 4(b) SWE_BR1_v2.0

Reporting on progress[a, b, c]

Units of market based mechanisms			*Year*	
			2011	*2012*
Kyoto Protocol units[d]	*Kyoto Protocol units*	*(number of units)*	22,637,902.00	20,207,834.00
		(kt CO_2 eq)	0.00	0.00
	AAUs	*(number of units)*	21,846,262.00	18,593,550.00
		(kt CO2 eq)	0.00	0.00
	ERUs	*(number of units)*	476.00	19,152.00
		(kt CO2 eq)	0.00	0.00
	CERs	*(number of units)*	791,164.00	1,595,132.00
		(kt CO2 eq)	0.00	0.00
	tCERs	*(number of units)*	0.00	0.00
		(kt CO2 eq)	0.00	0.00
	lCERs	*(number of units)*	0.00	0.00
		(kt CO2 eq)	0.00	0.00
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)*	22,637,902.00	20,207,834.00
		(kt CO_2 eq)	0.00	0.00

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

Table 5 SWE_BR1_v2.0

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
GDP growth rate	*%*					2.40	2.40	2.40	1.90	1.90	1.90
Population	thousands			8,872.00	9,050.00	9,183.00			9,422.00		9,997.00
International oil price	USD / boe								112.00		128.00
International coal price	USD per tonne								104.00		110.00
International gas price	USD per Mbtu								10.00		12.00
Carbon price	euro / t CO2								16.50		3.00
Electricity certificates	*TWh*								25.00		

[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

[c] This footnote refers to key underlying assumptios. Useful lifetime of nuclear power is 60 years in the projections

Table 6(a) SWE_BR1_v2.0

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	26,851.55	34,368.54	35,829.33	30,708.86	28,097.11	28,345.01	25,014.59	25,210.73	24,176.02
Transport	20,783.21	18,613.49	19,000.08	19,218.98	20,832.57	19,973.67	19,465.75	18,498.61	18,061.73
Industry/industrial processes	7,203.10	6,662.27	6,952.70	7,089.37	7,278.64	7,099.23	6,949.51	6,474.64	6,481.70
Agriculture	7,855.86	8,997.22	8,721.62	8,313.10	7,954.47	7,785.58	7,772.13	7,280.10	7,233.43
Forestry/LULUCF	-31,148.68	-37,184.46	-31,576.11	-35,541.44	-27,090.60	-30,700.61	-35,231.66	-23,012.73	-23,881.00
Waste management/waste	2,197.29	3,421.27	3,233.47	2,915.69	2,431.16	1,798.17	1,712.58	1,057.81	774.89
Other (specify)	614.59	687.59	634.10	655.73	674.33	485.73	534.38	633.15	600.25
Aviation	614.59	687.59	634.10	655.73	674.33	485.73	534.38	633.15	600.25
Gas									
CO_2 emissions including net CO_2 from LULUCF	20,716.18	19,688.47	27,232.31	18,528.71	26,043.73	21,464.07	13,376.83	25,288.83	23,096.06
CO_2 emissions excluding net CO_2 from LULUCF	51,971.68	56,954.05	58,871.85	54,145.37	53,231.21	52,302.45	48,725.69	48,301.56	46,977.05
CH_4 emissions including CH_4 from LULUCF	6,255.52	6,939.96	6,829.07	6,254.99	5,780.16	5,076.90	4,987.02	4,024.78	3,700.08
CH_4 emissions excluding CH_4 from LULUCF	6,252.77	6,938.23	6,827.46	6,252.04	5,775.16	5,076.19	4,984.89	4,024.78	3,700.08
N_2O emissions including N_2O from LULUCF	6,929.72	8,449.04	8,131.58	7,674.59	7,164.67	7,169.78	6,796.62	6,352.22	6,332.41
N_2O emissions excluding N_2O from LULUCF	6,825.32	8,427.23	8,091.20	7,622.32	7,098.61	7,098.55	6,725.22	6,352.22	6,332.41
HFCs	838.35	4.15	132.12	567.89	789.50	845.24	813.42	420.17	259.17
PFCs	247.60	376.82	343.43	240.52	257.15	158.21	182.95	25.22	25.22
SF_6	151.49	107.49	126.68	93.59	142.48	72.59	60.43	31.08	34.07
Other (specify)									
HFCs									
CO_2									
N_2O									
NF_3									
SF_6									
CH_4									
PFCs									
Total with LULUCF[f]	35,138.86	35,565.93	42,795.19	33,360.29	40,177.69	34,786.79	26,217.27	36,142.30	33,447.01
Total without LULUCF	66,287.21	72,807.97	74,392.74	68,921.73	67,294.11	65,553.23	61,492.60	59,155.03	57,328.00

Table 6(a) SWE_BR1_v2.0

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

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.

Custom Footnotes

Table 6(c) SWE_BR1_v2.0

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	26,851.55	34,368.54	35,829.33	30,708.86	28,097.11	28,345.01	25,014.59	25,210.73	24,176.02
Transport	20,783.21	18,613.49	19,000.08	19,218.98	20,832.57	19,973.67	19,465.75	18,078.61	17,691.73
Industry/industrial processes	7,203.10	6,662.27	6,952.70	7,089.37	7,278.64	7,099.23	6,949.51	6,474.64	6,481.70
Agriculture	7,855.86	8,997.22	8,721.62	8,313.10	7,954.47	7,785.58	7,772.13	7,280.10	7,233.43
Forestry/LULUCF	-31,148.68	-37,184.46	-31,576.11	-35,541.44	-27,090.60	-30,700.61	-35,231.66	-23,012.73	-23,881.00
Waste management/waste	2,197.29	3,421.27	3,233.47	2,915.69	2,431.16	1,798.17	1,712.58	1,057.81	774.89
Other (specify)	614.59	687.59	634.10	655.73	674.33	485.73	534.38	633.15	600.25
Aviation	614.59	687.59	634.10	655.73	674.33	485.73	534.38	633.15	600.25
Gas									
CO_2 emissions including net CO_2 from LULUCF	20,716.18	19,688.47	27,232.31	18,528.71	26,043.73	21,464.07	13,376.83	24,868.83	22,726.06
CO_2 emissions excluding net CO_2 from LULUCF	51,971.68	56,954.05	58,871.85	54,145.37	53,231.21	52,302.45	48,725.69	47,881.56	46,607.05
CH_4 emissions including CH_4 from LULUCF	6,255.52	6,939.96	6,829.07	6,254.99	5,780.16	5,076.90	4,987.02	4,024.78	3,700.08
CH_4 emissions excluding CH_4 from LULUCF	6,252.77	6,938.23	6,827.46	6,252.04	5,775.16	5,076.19	4,984.89	4,024.78	3,700.08
N_2O emissions including N_2O from LULUCF	6,929.72	8,449.04	8,131.58	7,674.59	7,164.67	7,169.78	6,796.62	6,352.22	6,332.41
N_2O emissions excluding N_2O from LULUCF	6,825.32	8,427.23	8,091.20	7,622.32	7,098.61	7,098.55	6,725.22	6,352.22	6,332.41
HFCs	838.35	4.15	132.12	567.89	789.50	845.24	813.42	420.17	259.17
PFCs	247.60	376.82	343.43	240.52	257.15	158.21	182.95	25.22	25.22
SF_6	151.49	107.49	126.68	93.59	142.48	72.59	60.43	31.08	34.07
Other (specify)									
HFCs									
CO_2									
N_2O									
NF_3									
SF_6									
CH_4									
PFCs									
Total with LULUCF[f]	35,138.86	35,565.93	42,795.19	33,360.29	40,177.69	34,786.79	26,217.27	35,722.30	33,077.01
Total without LULUCF	66,287.21	72,807.97	74,392.74	68,921.73	67,294.11	65,553.23	61,492.60	58,735.03	56,958.00

Table 6(c) SWE_BR1_v2.0

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

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 SWE_BR1_v2.0

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

Allocation channels	*Year*									
	Swedish krona - SEK					*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:	6,773,898,584.00	276,411,500.00	390,000,000.00	319,176,088.00	0.00	1,043,872,679.03	42,595,620.30	60,099,858.18	49,185,737.71	0.00
Multilateral climate change funds[g]	254,705,000.00	276,411,500.00	390,000,000.00	319,176,088.00	0.00	39,250,601.00	42,595,620.30	60,099,858.18	49,185,737.71	0.00
Other multilateral climate change funds[h]		200,000,000.00	90,000,000.00	316,126,088.00			30,820,440.00	13,869,198.00	48,715,726.00	
Multilateral financial institutions, including regional development banks	4,627,593,616.00					713,122,360.03				
Specialized United Nations bodies	1,891,599,968.00					291,499,718.00				
Total contributions through bilateral, regional and other channels		248,780,452.00	677,022,515.00	1,080,139,681.00			38,337,615.00	104,330,659.00	166,451,902.00	
Total	6,773,898,584.00	525,191,952.00	1,067,022,515.00	1,399,315,769.00	0.00	1,043,872,679.03	80,933,235.30	164,430,517.18	215,637,639.71	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

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 SWE_BR1_v2.0

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

Allocation channels	*Year*									
	Swedish krona - SEK					*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:	7,032,445,337.00	311,418,400.00	320,000,000.00	87,265,781.00		1,038,934,736.31	46,007,240.10	47,275,038.69	12,892,165.33	
Multilateral climate change funds[g]	204,728,000.00	311,418,400.00	320,000,000.00	87,265,781.00		30,245,386.99	46,007,240.10	47,275,038.69	12,892,165.33	
Other multilateral climate change funds[h]		250,000,000.00	105,000,000.00	81,515,781.00			36,933,624.00	15,512,123.00	12,042,692.00	
Multilateral financial institutions, including regional development banks	4,653,351,869.00					687,460,572.32				
Specialized United Nations bodies	2,174,365,468.00					321,228,777.00				
Total contributions through bilateral, regional and other channels		231,398,110.00	1,013,198,271.00	1,080,004,509.00			34,185,482.00	149,684,331.00	159,553,917.00	
Total	7,032,445,337.00	542,816,510.00	1,333,198,271.00	1,167,270,290.00		1,038,934,736.31	80,192,722.10	196,959,369.69	172,446,082.33	

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

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:

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]						
	Swedish krona - SEK	*USD*	*Swedish krona - SEK*	*USD*					
Total contributions through multilateral channels	6,773,898,584.00	1,043,872,679.03	985,587,588.00	151,881,216.19					
Multilateral climate change funds[g]	254,705,000.00	39,250,601.00	985,587,588.00	151,881,216.19					
1. Global Environment Facility	254,705,000.00	39,250,601.00	76,411,500.00	11,775,180.30	Provided	ODA	Grant	Mitigation	Cross-cutting
2. Least Developed Countries Fund			200,000,000.00	30,820,440.12	Provided	ODA	Grant	Adaptation	Cross-cutting
3. Special Climate Change Fund			0.00	0.00					
4. Adaptation Fund			100,000,000.00	15,410,220.06	Provided	ODA	Grant	Adaptation	Cross-cutting
5. Green Climate Fund			0.00	0.00					
6. UNFCCC Trust Fund for Supplementary Activities			3,050,000.00	470,011.71	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other multilateral climate change funds			606,126,088.00	93,405,364.00					
Clean Technology Fund			100,000,000.00	15,410,220.00	Provided	ODA	Grant	Mitigation	Cross-cutting
Forest Investment Program			100,000,000.00	15,410,220.00	Provided	ODA	Grant	Mitigation	Forestry
International Development Association (replenishment 15)			185,000,000.00	28,508,907.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Consultative Group on International Agricultural Research			50,000,000.00	7,705,110.00	Provided	ODA	Grant	Adaptation	Agriculture
Global Facility for Disaster Risk Reduction			40,000,000.00	6,164,088.00	Provided	ODA	Grant	Adaptation	Other (Other)
Nordic Development Fund			122,496,088.00	18,876,917.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNFCCC - Trust Fund for Participation			2,500,000.00	385,256.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Other climate related support			6,130,000.00	944,646.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Multilateral financial institutions, including regional development banks	4,627,593,616.00	713,122,360.03							
1. World Bank	2,305,896,711.00	355,343,757.47			Provided	ODA	Grant		
2. International Finance Corporation	40,655,413.00	6,265,088.61			Provided	ODA	Grant		
3. African Development Bank	807,948,097.00	124,506,579.70			Provided	ODA	Grant		
4. Asian Development Bank	125,122,498.00	19,281,652.28			Provided	ODA	Grant		
5. European Bank for Reconstruction and Development	280,211,700.00	43,181,239.60			Provided	ODA	Grant		
6. Inter-American Development Bank	10,645,840.00	1,640,547.37			Provided	ODA	Grant		
7. Other	1,057,113,357.00	162,903,495.00							
World Bank- IBRD	1,057,113,357.00	162,903,495.00			Provided	ODA	Grant		
Specialized United Nations bodies	1,891,599,968.00	291,499,718.00							
1. United Nations Development Programme	1,808,724,993.00	278,728,502.00							
1. United Nations Development Programme	1,808,724,993.00	278,728,502.00			Provided	ODA	Grant		
2. United Nations Environment Programme	82,874,975.00	12,771,216.00							
2. United Nations Environment Programme	82,874,975.00	12,771,216.00			Provided	ODA	Grant		
3. Other									

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

[h]This footnote refers to the entire table: The information given in this table can also be found in Annex 2 in the textual part of the BR

Table 7(a) SWE_BR1_v2.0

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]						
	Swedish krona - SEK	*USD*	*Swedish krona - SEK*	*USD*					
Total contributions through multilateral channels	7,032,445,337.00	1,038,934,736.31	718,684,181.00	106,174,444.12					
Multilateral climate change funds [g]	204,728,000.00	30,245,386.99	718,684,181.00	106,174,444.12					
1. Global Environment Facility	204,728,000.00	30,245,386.99	61,418,400.00	9,073,616.10	Provided	ODA	Grant	Mitigation	
2. Least Developed Countries Fund			115,000,000.00	16,989,466.53	Provided	ODA	Grant	Adaptation	
3. Special Climate Change Fund									
4. Adaptation Fund			100,000,000.00	14,773,449.16	Provided	ODA	Grant	Adaptation	
5. Green Climate Fund			5,000,000.00	738,672.46	Provided	ODA	Grant	Cross-cutting	
6. UNFCCC Trust Fund for Supplementary Activities			750,000.00	110,800.87	Provided	ODA	Grant	Cross-cutting	
7. Other multilateral climate change funds			436,515,781.00	64,488,439.00					
UNFCCC - Trust Fund for Participation			2,000,000.00	295,469.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Other climate related support			1,800,000.00	265,922.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Scaling Up Renewable Energy Fund			170,000,000.00	25,114,864.00	Provided	ODA	Grant	Mitigation	Energy
IFAD-Adaptation for Smallholder Agriculture Programme			30,000,000.00	4,432,035.00	Provided	ODA	Grant	Adaptation	Agriculture
Partnership for Market Readiness			50,000,000.00	7,386,725.00	Provided	ODA	Grant	Mitigation	Cross-cutting
UNDP-Bureau for Crisis Prevention and Recovery			23,500,000.00	3,471,761.00	Provided	ODA	Grant	Adaptation	Other (Other)
World Food Programme			44,000,000.00	6,500,318.00	Provided	ODA	Grant	Adaptation	Agriculture
UN International Strategy for Disaster Risk Reduction			7,500,000.00	1,108,009.00	Provided	ODA	Grant	Adaptation	Cross-cutting
Sustainable Energy for All			20,000,000.00	2,954,690.00	Provided	ODA	Grant	Mitigation	Energy
Climate and Clean Air Coalition			10,000,000.00	1,477,345.00	Provided	ODA	Grant	Mitigation	Other (Other)
Nordic Development Fund			77,715,781.00	11,481,301.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Multilateral financial institutions, including regional development banks	4,653,351,869.00	687,460,572.32							
1. World Bank	2,368,000,000.00	349,835,276.04							
2. International Finance Corporation	46,796,695.00	6,913,485.94							
3. African Development Bank	926,623,361.00	136,894,231.12							
4. Asian Development Bank	150,240,924.00	22,195,766.52							
5. European Bank for Reconstruction and Development	47,500,000.00	7,017,388.35							
6. Inter-American Development Bank	10,284,114.00	1,519,318.35							
7. Other	1,103,906,775.00	163,085,106.00							
World Bank- IBRD	1,103,906,775.00	163,085,106.00			Provided	ODA	Grant		
Specialized United Nations bodies	2,174,365,468.00	321,228,777.00							
1. United Nations Development Programme	2,075,600,004.00	306,637,711.00							
1. United Nations Development Programme	2,075,600,004.00	306,637,711.00			Provided	ODA	Grant		
2. United Nations Environment Programme	98,765,464.00	14,591,066.00							
2. United Nations Environment Programme	98,765,464.00	14,591,066.00			Provided	ODA	Grant		
3. Other									

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

[h]This footnote refers to the entire table: The information given in this table can also be found in Annex 2 in the textual part of the BR

Table 7(b) SWE_BR1_v2.0

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]							
	Swedish krona - SEK	*USD*						
Total contributions through bilateral, regional and other channels	2,005,942,648.00	309,120,176.00						
/	677,022,515.00	104,330,659.00	Provided	ODA	Grant	Adaptation		
/	1,080,139,681.00	166,451,902.00	Provided	ODA	Grant	Cross-cutting		
/	248,780,452.00	38,337,615.00	Provided	ODA	Grant	Mitigation		

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

[i]This footnote refers to table 7b: This table is given in detail in the textual part of the BR, Annex 3, i.e. broken down on receiving country and sector. Due to the large number of reciving countries (>300) the data could not be filled in using the import/export function in the application.

Table 7(b) SWE_BR1_v2.0

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]							
	Swedish krona - SEK	*USD*						
Total contributions through bilateral, regional and other channels	2,324,600,890.00	343,423,730.00						
/	1,013,198,271.00	149,684,331.00	Provided	ODA	Grant	Adaptation		
/	1,080,004,509.00	159,553,917.00	Provided	ODA	Grant	Cross-cutting		
/	231,398,110.00	34,185,482.00	Provided	ODA	Grant	Mitigation		

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

[i]This footnote refers to table 7b: This table is given in detail in the textual part of the BR, Annex 3, i.e. broken down on receiving country and sector. Due to the large number of reciving countries (>300) the data could not be filled in using the import/export function in the application.

Table 8 SWE_BR1_v2.0

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]
Bangladesh	Mitigation	Rural electrification trough renewable energy	Energy	Private and Public	Private and Public	Implemented	Solar Home Systems is a renewable energy program that provides people in rural Bangladesh with clean electricity from solar panels. The programme is constructed to build a commercially viable system, but subsidies targeted at people living in poverty aim at making the initial investment possible. At least 1.2 million Solar Home Systems has been installed which has improved the quality of life of millions or rural inhabitants. It has also improved productivity and profitability of local busi-nesses. The programme is operated by the World Bank, but financed by several partners (including local micro-finance organisations), and implemented by local companies in partnerships with local NGOs and partner organisations
Uganda	Mitigation	Gas produced from waste will provide low income com-munities with an alternative, renewa-ble source of fuel	Energy	Private and Public	Private and Public	Implemented	Waste 2 Energy Ltd.'s aim is to develop commercial production of biogas from municipal waste collected in a densely populated urban centre in Kampala. The gas will be conventionally puri-fied and pressurized into a safe, affordable and renewable energy source for poor households. Organic waste sorted by waste-pickers will be converted and purified to biogas. Subsequently the biogas will be marketed and sold at a price 20-30% lower than competing products. The gas will reach potential customers through a distri-bution network.
Bangladesh	Adaptation	Reduce people's vulnerability to natural disasters	Other (Multi-sector/Communication)	Public	Public	Implemented	The Comprehensive Disaster Management Programme has contributed to reduce people's vulnerability to natural disasters, including negative effects of climate change. The programme has worked on many different levels to strengthen the legal framework for disaster management, build capacity and strengthen coordination between various ministries and agencies, etc. It has also, among other things, contributed to an improved national early warning sys-tem for weather related disasters. Through use of mobile phones and the mobilisation of tens of thou-sands of volunteers, more than 50 million people can now be reached by the early warning system.

[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

[e]This footnote refers to the entire table 8: This table gives Examples of Provision of technology development and transfer support and not the full picture

Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
Western Indian Ocean, East Africa, Southern Africa	Multiple Areas	WIOMSA	Western Indian Ocean Marine Science Association is a regional organisation that promotes the education-al, scientific and technological development of all aspects of marine sciences with a view toward sustain-ing the use and conservation of marine resources. Sida's support to WIOMSA has resulted in; Increased knowledge about the consequences of climate change on coral reef and mangroves; Climate change has become a priority on the regional agenda regarding sustainable management of marine and coastal natural resources in Indian Ocean; A dialogue between researchers and decision-makers has been established regarding marine and coastal environments; Increased capacity to predict climate change among researchers and decision makers in East and Southern Africa about marine and coastal environments through new models.
LDCs, Global	Multiple Areas	European Capacity Building Initiative	Sida support the European Capacity Building Initiative (ecbi) for sustained capacity building in support of international climate change negotiations. The ecbi aims to promote a more level playing field between government delegations to the international climate change negotiations, and to facilitate mutual under-standing and trust both between European and developing countries and among the developing countries. Through trust-building seminars, regional training workshops, policy reports, bursaries for LDC negotiators from Africa and Asia, a website for awareness creation, mentoring and encouragement, ecbi has created an environment for negotiators that is conducive for honest and open discussions on climate change issues. Almost 300 negotiators have participated in the activities, which have given them new skills, knowledge and confidence to play a more effective role in the climate change negotiations. The initiative has direct impact on the negotiations.
Cambodia	Multiple Areas	Cambodia Climate Change Alliance	In Cambodia Sida has teamed up with the EU, Danida and UNDP in a multi-donor initiative to support the Cambodia Climate Change Alliance, a comprehensive approach to systematically address climate change and disaster risk challenges. The overall objective is to strengthen the capacity of the National Climate Change Committee (a mandated Government coordinating and policy support entity for all aspects of climate change) to fulfil its mandate to address climate change and to enable line ministries and civil society to implement priority climate change actions. The main achievements to date are: the development of a Cambodia Climate Change Strategic Plan (that will provide the basis for Cambodia's National Adaptation Plan), the coordination with key line ministries in sectorial climate change plans has improved; 19 government and NGO projects have been approved, a Trust Fund has been established; Cambodia' negotiation capacity on climate change matters at the national and international level has been strengthened; a web-based climate change knowledge and information platform has been established, and a climate change public expenditure and institutional review has been finalised to strengthen governance and delivery of climate finance in line with MRV requirements.

[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.

Custom Footnotes

[d]This footnote refers to Table 9: This table gives examples of provision of capacity-building support and not the full picture