BR CTF submission workbook

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Table 1 SVK_BR1_v2.0

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

CRF: SVK_CRF__ v1.2

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	50,606.13	42,846.80	36,794.56	34,023.64	32,340.05	34,021.90	34,004.24	34,344.26	33,273.25
CO_2 emissions excluding net CO_2 from LULUCF	60,745.23	54,091.96	49,749.76	46,078.75	43,526.70	44,879.11	44,699.10	44,811.47	44,324.34
CH_4 emissions including CH_4 from LULUCF	4,428.26	4,292.00	4,062.63	3,817.26	3,839.07	4,046.77	4,026.74	4,091.44	4,348.13
CH_4 emissions excluding CH_4 from LULUCF	4,414.17	4,283.03	4,054.61	3,809.15	3,830.55	4,037.22	4,016.51	4,080.17	4,336.85
N_2O emissions including N_2O from LULUCF	6,456.94	5,197.81	4,329.69	3,675.73	4,006.55	4,228.79	4,371.70	4,274.31	3,852.79
N_2O emissions excluding N_2O from LULUCF	6,351.04	5,104.12	4,218.54	3,561.90	3,924.94	4,159.70	4,302.24	4,217.93	3,804.04
HFCs	NA, NO	NA, NO	NA, NO	NA, NO	0.17	11.65	24.06	32.60	40.42
PFCs	271.37	266.94	248.42	155.42	132.06	114.32	34.51	34.62	25.40
SF_6	0.03	0.03	0.04	0.07	9.27	9.91	10.76	11.34	12.24
Total (including LULUCF)	61,762.74	52,603.58	45,435.34	41,672.11	40,327.18	42,433.35	42,472.01	42,788.57	41,552.24
Total (excluding LULUCF)	71,781.85	63,746.08	58,271.38	53,605.29	51,423.69	53,211.91	53,087.19	53,188.12	52,543.30

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	53,875.84	48,694.21	44,578.88	40,793.10	37,934.98	38,947.71	38,929.38	38,805.77	37,941.63
2. Industrial Processes	9,543.26	7,737.66	7,400.44	7,242.93	8,023.03	8,552.32	8,547.54	8,759.58	8,954.24
3. Solvent and Other Product Use	147.15	126.64	110.00	101.65	102.96	121.53	115.50	97.62	94.45
4. Agriculture	7,124.26	6,081.67	5,072.08	4,348.57	4,187.69	4,357.64	4,201.16	4,040.70	3,724.15
5. Land Use, Land-Use Change and Forestry[b]	-10,019.11	-11,142.50	-12,836.04	-11,933.17	-11,096.51	-10,778.56	-10,615.18	-10,399.55	-10,991.06
6. Waste	1,091.33	1,105.90	1,109.98	1,119.03	1,175.03	1,232.71	1,293.62	1,484.45	1,828.83
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	61,762.74	52,603.58	45,435.34	41,672.11	40,327.18	42,433.35	42,472.01	42,788.57	41,552.24

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

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

Table 1 SVK_BR1_v2.0

Emission trends: summary [1]
(Sheet 2 of 3) CRF: SVK_CRF__ v1.2

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	32,324.23	30,568.03	33,612.48	31,597.53	32,553.92	33,063.62	36,073.08	33,219.48	31,716.37	33,237.73
CO_2 emissions excluding net CO_2 from LULUCF	43,434.62	41,367.41	44,168.53	42,405.42	42,836.47	42,742.09	42,224.47	41,718.12	39,857.26	40,492.91
CH_4 emissions including CH_4 from LULUCF	4,559.22	4,259.44	4,306.51	4,916.43	4,744.24	4,621.02	4,379.95	4,462.55	4,383.55	4,399.99
CH_4 emissions excluding CH_4 from LULUCF	4,546.42	4,247.68	4,292.24	4,902.38	4,729.13	4,603.82	4,357.51	4,443.65	4,364.81	4,378.94
N_2O emissions including N_2O from LULUCF	3,360.44	3,655.53	3,797.05	3,767.80	3,817.86	3,841.75	3,797.90	4,061.74	3,995.57	3,867.57
N_2O emissions excluding N_2O from LULUCF	3,312.30	3,581.79	3,762.96	3,739.18	3,787.70	3,813.82	3,771.85	4,040.35	3,970.84	3,852.08
HFCs	58.18	77.01	102.30	130.12	154.22	181.34	205.96	248.14	284.44	335.17
PFCs	13.60	11.65	15.59	13.75	21.65	19.91	20.25	35.82	24.88	36.16
SF_6	12.68	13.11	13.48	14.42	15.03	15.53	16.27	16.81	17.44	18.51
Total (including LULUCF)	40,328.36	38,584.76	41,847.42	40,440.06	41,306.91	41,743.17	44,493.41	42,044.54	40,422.25	41,895.13
Total (excluding LULUCF)	51,377.81	49,298.65	52,355.10	51,205.27	51,544.20	51,376.51	50,596.32	50,502.89	48,519.67	49,113.78

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	36,856.98	35,646.59	38,132.84	35,854.22	36,521.34	35,439.92	35,500.64	34,432.40	32,749.51	33,546.07
2. Industrial Processes	8,874.59	8,293.99	8,770.08	9,152.43	9,021.00	10,131.28	9,407.00	10,251.98	10,010.10	9,901.67
3. Solvent and Other Product Use	90.52	85.04	99.74	131.92	137.35	163.49	171.54	170.59	166.25	166.59
4. Agriculture	3,462.98	3,495.99	3,541.59	3,482.24	3,362.62	3,174.53	3,171.01	3,115.33	3,231.22	3,129.46
5. Land Use, Land-Use Change and Forestry[b]	-11,049.45	-10,713.89	-10,507.68	-10,765.22	-10,237.28	-9,633.33	-6,102.90	-8,458.35	-8,097.42	-7,218.64
6. Waste	2,092.74	1,777.04	1,810.85	2,584.46	2,501.90	2,467.29	2,346.13	2,532.60	2,362.59	2,369.99
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	40,328.36	38,584.76	41,847.42	40,440.06	41,306.91	41,743.17	44,493.41	42,044.54	40,422.25	41,895.13

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

Table 1 SVK_BR1_v2.0

Emission trends: summary [(1)]
(Sheet 3 of 3) CRF: SVK_CRF__ v1.2

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	28,323.37	30,955.22	30,164.19	-40.39
CO_2 emissions excluding net CO_2 from LULUCF	35,802.01	37,911.16	37,671.87	-37.98
CH_4 emissions including CH_4 from LULUCF	4,216.17	4,130.63	4,161.08	-6.03
CH_4 emissions excluding CH_4 from LULUCF	4,195.41	4,107.72	4,138.49	-6.25
N_2O emissions including N_2O from LULUCF	3,561.90	3,434.16	3,027.19	-53.12
N_2O emissions excluding N_2O from LULUCF	3,541.50	3,416.27	3,009.36	-52.62
HFCs	380.08	420.16	439.50	100.00
PFCs	17.76	21.15	17.00	-93.74
SF_6	19.39	19.90	20.74	66,665.15
Total (including LULUCF)	36,518.68	38,981.23	37,829.71	-38.75
Total (excluding LULUCF)	43,956.15	45,896.36	45,296.96	-36.90

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	30,200.64	31,789.70	31,533.37	-41.47
2. Industrial Processes	8,374.69	8,621.23	8,248.22	-13.57
3. Solvent and Other Product Use	164.38	164.35	170.54	15.89
4. Agriculture	3,052.37	3,098.29	3,117.52	-56.24
5. Land Use, Land-Use Change and Forestry[b]	-7,437.46	-6,915.13	-7,467.26	-25.47
6. Waste	2,164.06	2,222.79	2,227.32	104.09
7. Other	NA	NA	NA	0.00
Total (including LULUCF)	36,518.68	38,981.23	37,829.71	-38.75

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) SVK_BR1_v2.0

Emission trends (CO_2)

(Sheet 1 of 3) CRF: SVK_CRF__ v1.2

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	52,469.54	47,281.95	43,188.95	39,427.20	36,517.87	37,476.77	37,432.82	37,297.95	36,381.72
A. Fuel Combustion (Sectoral Approach)	52,469.39	47,281.82	43,188.82	39,427.06	36,517.73	37,476.62	37,432.66	37,297.79	36,381.55
1. Energy Industries	16,819.21	15,167.46	13,211.30	12,101.97	11,080.10	11,601.22	11,486.22	12,019.12	12,011.79
2. Manufacturing Industries and Construction	18,093.02	16,723.76	15,622.08	14,794.51	14,048.16	13,572.67	13,071.35	12,659.27	12,009.63
3. Transport	4,887.55	4,110.96	3,785.04	3,759.55	3,999.84	4,243.22	4,296.17	4,461.78	4,740.28
4. Other Sectors	10,442.83	9,341.97	8,920.19	7,402.49	6,524.30	6,686.12	7,034.10	6,720.25	6,174.19
5. Other	2,226.78	1,937.67	1,650.22	1,368.55	865.33	1,373.39	1,544.83	1,437.38	1,445.67
B. Fugitive Emissions from Fuels	0.15	0.13	0.13	0.13	0.14	0.15	0.16	0.16	0.17
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	0.15	0.13	0.13	0.13	0.14	0.15	0.16	0.16	0.17
2. Industrial Processes	8,082.89	6,637.71	6,405.17	6,504.26	6,859.98	7,249.10	7,121.30	7,397.52	7,778.25
A. Mineral Products	2,966.48	2,153.64	2,215.94	2,054.09	2,157.58	2,305.05	2,218.56	2,315.29	3,032.97
B. Chemical Industry	616.97	608.44	621.53	442.23	729.84	808.56	866.26	872.34	778.77
C. Metal Production	4,499.44	3,875.63	3,567.70	4,007.94	3,972.56	4,135.50	4,036.48	4,209.89	3,966.50
D. Other Production	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	130.10	109.59	92.95	84.60	86.15	90.54	82.28	70.70	73.27
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	-10,139.10	-11,245.16	-12,955.21	-12,055.11	-11,186.65	-10,857.21	-10,694.86	-10,467.21	-11,051.09
A. Forest Land	-10,128.02	-11,180.20	-11,771.60	-11,726.31	-10,946.08	-10,289.48	-10,229.65	-9,950.97	-10,591.65
B. Cropland	-154.70	-140.61	-139.91	-81.52	-178.11	-298.65	-344.15	-364.15	-302.89
C. Grassland	-350.08	-298.22	-1,397.74	-594.09	-370.99	-538.52	-394.43	-438.38	-408.03
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	119.66	124.62	124.91	124.13	96.75	96.18	101.30	108.60	77.78
F. Other Land	374.05	249.26	229.14	222.68	211.78	173.26	172.07	177.69	173.71
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	62.70	62.70	62.70	62.70	62.70	62.70	62.70	45.30	91.10
A. Solid Waste Disposal on Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Waste-water Handling									
C. Waste Incineration	62.70	62.70	62.70	62.70	62.70	62.70	62.70	45.30	91.10
D. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CO2 emissions including net CO2 from LULUCF	50,606.13	42,846.80	36,794.56	34,023.64	32,340.05	34,021.90	34,004.24	34,344.26	33,273.25
Total CO2 emissions excluding net CO2 from LULUCF	60,745.23	54,091.96	49,749.76	46,078.75	43,526.70	44,879.11	44,699.10	44,811.47	44,324.34
Memo Items:									
International Bunkers	128.46	116.06	108.44	97.77	87.45	102.64	102.22	76.31	84.26
Aviation	63.10	58.68	54.25	53.14	44.78	45.04	53.16	47.08	43.41
Marine	65.35	57.38	54.20	44.63	42.68	57.59	49.06	29.22	40.85
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass	793.83	1,069.08	865.31	1,110.96	1,150.16	1,183.10	1,476.75	1,288.07	1,272.97

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

Table 1 (a) SVK_BR1_v2.0

Emission trends (CO_2)

(Sheet 2 of 3) CRF: SVK_CRF__ v1.2

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	35,337.47	34,107.55	36,609.42	34,379.25	35,088.44	34,076.10	34,239.54	33,215.65	31,499.35	32,203.61
A. Fuel Combustion (Sectoral Approach)	35,337.30	34,107.37	36,609.23	34,379.07	35,088.25	34,075.92	34,239.37	33,215.47	31,499.20	32,203.47
1. Energy Industries	11,728.70	11,489.80	12,883.26	13,039.90	12,941.81	12,351.99	11,628.39	10,872.25	10,245.89	10,281.76
2. Manufacturing Industries and Construction	11,363.39	10,991.22	10,982.18	9,910.30	10,717.79	10,050.81	10,358.91	11,229.22	10,087.79	9,995.29
3. Transport	4,627.67	4,150.29	4,700.11	4,834.42	4,947.98	5,209.39	6,162.49	5,761.50	6,422.66	6,614.20
4. Other Sectors	6,216.82	5,921.59	6,623.83	5,406.36	5,387.75	4,932.64	4,660.26	4,301.56	3,602.80	4,007.89
5. Other	1,400.72	1,554.47	1,419.84	1,188.09	1,092.92	1,531.09	1,429.32	1,050.94	1,140.06	1,304.32
B. Fugitive Emissions from Fuels	0.17	0.18	0.19	0.18	0.19	0.18	0.17	0.17	0.15	0.15
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	0.17	0.18	0.19	0.18	0.19	0.18	0.17	0.17	0.15	0.15
2. Industrial Processes	7,965.32	7,132.15	7,437.14	7,926.80	7,643.51	8,554.78	7,877.88	8,365.83	8,264.09	8,195.92
A. Mineral Products	3,058.24	2,523.66	2,585.60	2,599.01	2,296.73	2,978.96	2,969.73	3,018.57	3,049.01	3,144.79
B. Chemical Industry	765.19	846.66	879.41	860.84	783.60	916.84	928.27	819.08	835.23	784.48
C. Metal Production	4,141.90	3,761.83	3,972.14	4,466.95	4,563.17	4,658.99	3,979.88	4,528.18	4,379.85	4,266.64
D. Other Production	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	68.63	64.91	69.77	74.66	78.10	83.20	85.19	88.16	86.30	87.67
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	-11,110.39	-10,799.38	-10,556.05	-10,807.89	-10,282.55	-9,678.47	-6,151.39	-8,498.64	-8,140.88	-7,255.18
A. Forest Land	-10,410.79	-9,709.10	-9,668.77	-9,691.76	-9,326.20	-8,724.02	-5,425.88	-7,552.28	-7,340.48	-6,445.05
B. Cropland	-316.09	-495.41	-312.12	-563.46	-651.65	-636.05	-669.68	-775.30	-678.55	-728.83
C. Grassland	-674.64	-831.65	-836.66	-752.22	-514.51	-484.44	-352.10	-393.92	-373.10	-377.76
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	92.88	87.55	97.87	70.52	89.29	78.17	78.51	76.45	82.31	91.94
F. Other Land	198.25	149.23	163.63	129.03	120.53	87.87	217.76	146.39	168.93	204.51
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	63.20	62.80	52.20	24.71	26.42	28.00	21.86	48.49	7.52	5.71
A. Solid Waste Disposal on Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
B. Waste-water Handling										
C. Waste Incineration	63.20	62.80	52.20	24.71	26.42	28.00	21.86	48.49	7.52	5.71
D. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CO2 emissions including net CO2 from LULUCF	32,324.23	30,568.03	33,612.48	31,597.53	32,553.92	33,063.62	36,073.08	33,219.48	31,716.37	33,237.73
Total CO2 emissions excluding net CO2 from LULUCF	43,434.62	41,367.41	44,168.53	42,405.42	42,836.47	42,742.09	42,224.47	41,718.12	39,857.26	40,492.91
Memo Items:										
International Bunkers	52.42	44.51	68.53	72.24	79.25	86.16	90.82	131.59	150.01	167.41
Aviation	43.80	44.51	41.86	43.46	57.46	77.68	90.14	101.09	117.39	132.58
Marine	8.61	NA, NO	26.67	28.78	21.79	8.48	0.68	30.51	32.62	34.82
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass	1,303.57	1,412.60	1,646.58	1,618.73	1,734.85	2,175.16	3,036.58	2,836.65	2,969.09	5,197.49

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

Table 1(a) SVK_BR1_v2.0

Emission trends (CO_2)

(Sheet 3 of 3) CRF: SVK_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	28,845.56	30,535.99	30,220.23	-42.40
A. Fuel Combustion (Sectoral Approach)	28,845.32	30,535.80	30,219.99	-42.40
1. Energy Industries	8,386.65	9,356.29	9,394.51	-44.14
2. Manufacturing Industries and Construction	9,519.18	9,290.95	9,805.17	-45.81
3. Transport	6,080.96	6,557.09	6,287.64	28.65
4. Other Sectors	3,879.12	4,395.90	3,698.14	-64.59
5. Other	979.40	935.56	1,034.52	-53.54
B. Fugitive Emissions from Fuels	0.24	0.19	0.24	65.60
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	0.24	0.19	0.24	65.60
2. Industrial Processes	6,864.42	7,254.52	7,347.38	-9.10
A. Mineral Products	2,456.00	2,303.17	2,681.10	-9.62
B. Chemical Industry	832.18	703.75	1,017.51	64.92
C. Metal Production	3,576.24	4,247.59	3,648.77	-18.91
D. Other Production	NO	NO	NO	0.00
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	86.99	83.56	94.69	-27.22
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	-7,478.64	-6,955.94	-7,507.68	-25.95
A. Forest Land	-6,749.11	-6,083.18	-6,567.96	-35.15
B. Cropland	-715.67	-768.31	-758.15	390.07
C. Grassland	-417.04	-344.35	-384.27	9.77
D. Wetlands	NO	NO	NO	0.00
E. Settlements	172.67	111.65	81.02	-32.29
F. Other Land	230.52	128.25	121.68	-67.47
G. Other	NO	NO	NO	0.00
6. Waste	5.04	37.09	9.58	-84.72
A. Solid Waste Disposal on Land	NO	NO	NO	0.00
B. Waste-water Handling				
C. Waste Incineration	5.04	37.09	9.58	-84.72
D. Other	NO	NO	NO	0.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CO2 emissions including net CO2 from LULUCF	28,323.37	30,955.22	30,164.19	-40.39
Total CO2 emissions excluding net CO2 from LULUCF	35,802.01	37,911.16	37,671.87	-37.98
Memo Items:				
International Bunkers	143.74	137.05	134.53	4.72
Aviation	111.83	103.45	104.70	65.91
Marine	31.91	33.61	29.83	-54.36
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass	2,629.21	2,826.04	3,513.69	342.62

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) SVK_BR1_v2.0

Emission trends (CH_4)

(Sheet 1 of 3) CRF: SVK_CRF__ v1.2

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	54.53	56.54	56.79	56.37	59.15	61.57	62.61	63.33	65.94
A. Fuel Combustion (Sectoral Approach)	2.88	2.75	2.61	2.67	2.65	2.73	2.81	2.74	2.76
1. Energy Industries	0.25	0.22	0.20	0.19	0.17	0.17	0.17	0.16	0.16
2. Manufacturing Industries and Construction	0.76	0.71	0.67	0.63	0.60	0.58	0.56	0.55	0.53
3. Transport	1.20	1.10	1.10	1.18	1.23	1.25	1.19	1.18	1.20
4. Other Sectors	0.49	0.55	0.52	0.57	0.58	0.63	0.76	0.72	0.74
5. Other	0.18	0.16	0.13	0.11	0.07	0.12	0.13	0.13	0.13
B. Fugitive Emissions from Fuels	51.65	53.79	54.18	53.70	56.50	58.83	59.80	60.59	63.18
1. Solid Fuels	27.20	28.83	29.93	28.61	29.91	29.70	30.08	30.61	31.17
2. Oil and Natural Gas	24.45	24.97	24.24	25.09	26.58	29.13	29.73	29.98	32.01
2. Industrial Processes	0.05	0.05	0.05	0.03	0.05	0.06	0.06	0.06	0.06
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	0.05	0.05	0.05	0.03	0.05	0.06	0.06	0.06	0.06
C. Metal Production	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	0.01
D. Other Production									
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use									
4. Agriculture	113.46	104.22	92.31	80.49	76.05	80.96	76.06	68.44	63.74
A. Enteric Fermentation	95.90	87.89	77.49	66.87	63.14	67.71	63.46	56.88	53.53
B. Manure Management	17.56	16.32	14.82	13.62	12.91	13.25	12.60	11.56	10.21
C. Rice Cultivation	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, 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	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.67	0.43	0.38	0.39	0.41	0.46	0.49	0.54	0.54
A. Forest Land	0.67	0.43	0.38	0.39	0.41	0.46	0.49	0.54	0.54
B. Cropland	NO	NO	NO	NO	NO	NO	NO	NO	NO
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	42.16	43.15	43.92	44.50	47.16	49.66	52.53	62.46	76.77
A. Solid Waste Disposal on Land	22.37	23.45	24.16	24.89	27.75	30.85	33.81	43.80	58.00
B. Waste-water Handling	19.71	19.62	19.68	19.52	19.33	18.67	18.59	18.50	18.62
C. Waste Incineration	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Other	0.08	0.08	0.08	0.09	0.08	0.14	0.13	0.16	0.15
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CH4 emissions including CH4 from LULUCF	210.87	204.38	193.46	181.77	182.81	192.70	191.75	194.83	207.05
Total CH4 emissions excluding CH4 from LULUCF	210.20	203.95	193.08	181.39	182.41	192.25	191.26	194.29	206.52
Memo Items:									
International Bunkers	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Aviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass									

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

Table 1(b) SVK_BR1_v2.0

Emission trends (CH_4)

(Sheet 2 of 3) CRF: SVK_CRF__ v1.2

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	64.18	65.44	63.98	62.07	59.68	56.80	51.08	49.54	51.59	54.18
A. Fuel Combustion (Sectoral Approach)	2.69	2.56	2.79	2.64	2.63	2.71	2.95	2.74	2.63	3.32
1. Energy Industries	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.17	0.17	0.17
2. Manufacturing Industries and Construction	0.52	0.49	0.50	0.46	0.45	0.42	0.46	0.46	0.47	0.45
3. Transport	1.12	0.97	1.07	1.01	0.99	0.96	0.94	0.87	0.84	0.83
4. Other Sectors	0.77	0.80	0.92	0.88	0.92	1.02	1.24	1.15	1.04	1.75
5. Other	0.12	0.14	0.13	0.11	0.10	0.14	0.13	0.10	0.10	0.12
B. Fugitive Emissions from Fuels	61.49	62.88	61.19	59.44	57.04	54.09	48.13	46.80	48.96	50.86
1. Solid Fuels	29.50	28.82	26.33	25.69	21.11	19.77	16.17	14.67	13.52	15.95
2. Oil and Natural Gas	31.99	34.06	34.86	33.74	35.93	34.32	31.96	32.13	35.45	34.91
2. Industrial Processes	0.07	0.07	0.07	0.09	0.10	0.10	0.08	0.07	0.06	0.06
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	0.06	0.06	0.06	0.06	0.05	0.06	0.07	0.05	0.06	0.05
C. Metal Production	0.01	0.01	0.01	0.03	0.04	0.03	0.02	0.02	0.01	0.01
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use										
4. Agriculture	61.29	60.34	61.67	60.12	57.52	52.87	53.19	52.28	51.36	48.98
A. Enteric Fermentation	51.42	50.82	52.04	50.38	48.26	45.02	45.53	44.79	44.51	43.13
B. Manure Management	9.87	9.52	9.63	9.74	9.26	7.84	7.66	7.49	6.84	5.85
C. Rice Cultivation	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, 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	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.61	0.56	0.68	0.67	0.72	0.82	1.07	0.90	0.89	1.00
A. Forest Land	0.61	0.56	0.68	0.67	0.72	0.82	1.07	0.90	0.89	1.00
B. Cropland	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	90.96	76.42	78.68	111.16	107.90	109.46	103.15	109.71	104.83	105.30
A. Solid Waste Disposal on Land	72.18	57.51	59.94	87.90	84.59	89.32	82.67	88.26	84.45	84.80
B. Waste-water Handling	18.62	18.77	18.56	18.57	18.52	18.33	18.08	18.04	17.97	17.84
C. Waste Incineration	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Other	0.16	0.15	0.17	4.69	4.79	1.81	2.40	3.41	2.42	2.65
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total CH4 emissions including CH4 from LULUCF	217.11	202.83	205.07	234.12	225.92	220.05	208.57	212.50	208.74	209.52
Total CH4 emissions excluding CH4 from LULUCF	216.50	202.27	204.39	233.45	225.20	219.23	207.50	211.60	207.85	208.52
Memo Items:										
International Bunkers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	0.00	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass										

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

Table 1(b) SVK_BR1_v2.0

Emission trends (CH_4)

(Sheet 3 of 3) CRF: SVK_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	57.04	52.31	54.65	0.21
A. Fuel Combustion (Sectoral Approach)	2.35	2.40	2.44	-15.46
1. Energy Industries	0.19	0.28	0.30	20.88
2. Manufacturing Industries and Construction	0.42	0.42	0.41	-45.95
3. Transport	0.74	0.72	0.65	-46.02
4. Other Sectors	0.91	0.90	0.98	98.63
5. Other	0.09	0.09	0.09	-46.78
B. Fugitive Emissions from Fuels	54.69	49.91	52.21	1.09
1. Solid Fuels	16.92	15.23	16.18	-40.52
2. Oil and Natural Gas	37.77	34.68	36.03	47.36
2. Industrial Processes	0.06	0.07	0.10	85.89
A. Mineral Products	NA	NA	NA	0.00
B. Chemical Industry	0.06	0.04	0.07	29.94
C. Metal Production	0.00	0.03	0.03	100.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use				
4. Agriculture	47.15	46.48	45.92	-59.52
A. Enteric Fermentation	41.20	40.81	40.82	-57.43
B. Manure Management	5.94	5.67	5.10	-70.96
C. Rice Cultivation	NA, NO	NA, NO	NA, 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	NA, NO	NA, NO	NA, NO	0.00
G. Other	NO	NO	NO	0.00
5. Land Use, Land-Use Change and Forestry	0.99	1.09	1.08	60.27
A. Forest Land	0.99	1.09	1.08	60.27
B. Cropland	NO	NO	NO	0.00
C. Grassland	NO	NO	NO	0.00
D. Wetlands	NO	NO	NO	0.00
E. Settlements	NO	NO	NO	0.00
F. Other Land	NO	NO	NO	0.00
G. Other	NO	NO	NO	0.00
6. Waste	95.54	96.74	96.40	128.67
A. Solid Waste Disposal on Land	75.45	76.92	74.90	234.82
B. Waste-water Handling	17.36	17.15	16.70	-15.27
C. Waste Incineration	NO	NO	NO	0.00
D. Other	2.73	2.68	4.80	5,902.96
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CH4 emissions including CH4 from LULUCF	200.77	196.70	198.15	-6.03
Total CH4 emissions excluding CH4 from LULUCF	199.78	195.61	197.07	-6.25
Memo Items:				
International Bunkers	0.00	0.00	0.00	-43.99
Aviation	0.00	0.00	0.00	60.11
Marine	0.00	0.00	0.00	-65.31
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass				

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

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

Custom Footnotes

Table 1(c) SVK_BR1_v2.0

Emission trends (N_2O)

(Sheet 1 of 3) CRF: SVK_CRF__ v1.2

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	0.84	0.73	0.64	0.59	0.56	0.57	0.59	0.57	0.57
A. Fuel Combustion (Sectoral Approach)	0.84	0.73	0.64	0.59	0.56	0.57	0.59	0.57	0.57
1. Energy Industries	0.21	0.18	0.15	0.14	0.12	0.11	0.11	0.11	0.11
2. Manufacturing Industries and Construction	0.15	0.14	0.13	0.12	0.11	0.11	0.10	0.09	0.09
3. Transport	0.35	0.28	0.24	0.22	0.23	0.26	0.26	0.28	0.29
4. Other Sectors	0.12	0.12	0.11	0.10	0.09	0.09	0.11	0.09	0.08
5. Other	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00
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	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	3.83	2.68	2.41	1.88	3.29	3.76	4.37	4.14	3.54
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	3.83	2.68	2.41	1.88	3.29	3.76	4.37	4.14	3.54
C. Metal Production	NA	NA	NA	NA	NA	NA	NA	NA	NA
D. Other Production									
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	0.06	0.06	0.06	0.06	0.05	0.10	0.11	0.09	0.07
4. Agriculture	15.30	12.56	10.11	8.58	8.36	8.57	8.40	8.40	7.70
A. Enteric Fermentation									
B. Manure Management	3.47	3.14	2.70	2.34	2.19	2.31	2.13	1.95	1.72
C. Rice Cultivation									
D. Agricultural Soils	11.83	9.41	7.40	6.23	6.17	6.27	6.27	6.45	5.98
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.34	0.30	0.36	0.37	0.26	0.22	0.22	0.18	0.16
A. Forest Land	0.04	0.02	0.08	0.10	0.01	0.01	0.03	0.01	0.00
B. Cropland	0.30	0.28	0.27	0.27	0.25	0.21	0.19	0.17	0.15
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	0.46	0.44	0.40	0.39	0.39	0.41	0.41	0.41	0.40
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.45	0.43	0.39	0.38	0.38	0.39	0.39	0.39	0.38
C. Waste Incineration	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
D. Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total N2O emissions including N2O from LULUCF	20.83	16.77	13.97	11.86	12.92	13.64	14.10	13.79	12.43
Total N2O emissions excluding N2O from LULUCF	20.49	16.46	13.61	11.49	12.66	13.42	13.88	13.61	12.27
Memo Items:									
International Bunkers	0.00	0.00	0.00	0.00	0.02	0.03	0.02	0.01	0.02
Aviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.01	0.02
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass									

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

Table 1(c) SVK_BR1_v2.0

Emission trends (N_2O)

(Sheet 2 of 3) CRF: SVK_CRF__ v1.2

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	0.55	0.53	0.58	0.55	0.58	0.55	0.61	0.57	0.54	0.66
A. Fuel Combustion (Sectoral Approach)	0.55	0.53	0.58	0.55	0.58	0.55	0.61	0.57	0.54	0.66
1. Energy Industries	0.11	0.11	0.13	0.15	0.17	0.14	0.14	0.13	0.11	0.13
2. Manufacturing Industries and Construction	0.08	0.08	0.07	0.06	0.07	0.06	0.07	0.07	0.07	0.06
3. Transport	0.28	0.25	0.28	0.26	0.25	0.24	0.27	0.25	0.25	0.26
4. Other Sectors	0.08	0.09	0.10	0.08	0.08	0.10	0.13	0.12	0.11	0.20
5. Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	2.66	3.41	3.87	3.44	3.82	4.38	4.14	5.11	4.57	4.24
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	2.66	3.41	3.87	3.44	3.82	4.38	4.14	5.11	4.57	4.24
C. Metal Production	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	0.07	0.06	0.10	0.18	0.19	0.26	0.28	0.27	0.26	0.25
4. Agriculture	7.02	7.19	7.25	7.16	6.95	6.66	6.63	6.51	6.94	6.78
A. Enteric Fermentation										
B. Manure Management	1.64	1.60	1.55	1.53	1.49	1.39	1.34	1.31	1.28	1.24
C. Rice Cultivation										
D. Agricultural Soils	5.38	5.59	5.70	5.63	5.46	5.27	5.29	5.20	5.66	5.54
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Land Use, Land-Use Change and Forestry	0.16	0.24	0.11	0.09	0.10	0.09	0.08	0.07	0.08	0.05
A. Forest Land	0.01	0.12	0.01	0.00	0.02	0.01	0.02	0.01	0.03	0.01
B. Cropland	0.15	0.12	0.10	0.09	0.08	0.08	0.07	0.06	0.05	0.04
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	0.39	0.35	0.34	0.73	0.68	0.45	0.51	0.58	0.50	0.49
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.37	0.33	0.32	0.36	0.30	0.30	0.31	0.31	0.30	0.28
C. Waste Incineration	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.01
D. Other	0.01	0.01	0.01	0.35	0.36	0.14	0.18	0.26	0.18	0.20
7. Other (as specified in the summary table in CRF)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total N2O emissions including N2O from LULUCF	10.84	11.79	12.25	12.15	12.32	12.39	12.25	13.10	12.89	12.48
Total N2O emissions excluding N2O from LULUCF	10.68	11.55	12.14	12.06	12.22	12.30	12.17	13.03	12.81	12.43
Memo Items:										
International Bunkers	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.02
Aviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	0.00	NA, NO	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass										

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

Table 1(c) SVK_BR1_v2.0

Emission trends (N_2O)

(Sheet 3 of 3) CRF: SVK_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2009*	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	0.51	0.50	0.53	-36.61
A. Fuel Combustion (Sectoral Approach)	0.51	0.50	0.53	-36.61
1. Energy Industries	0.10	0.10	0.11	-49.75
2. Manufacturing Industries and Construction	0.07	0.05	0.07	-51.50
3. Transport	0.25	0.26	0.25	-27.74
4. Other Sectors	0.09	0.09	0.10	-18.43
5. Other	0.00	0.00	0.00	-70.68
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	-72.76
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	0.00	0.00	0.00	-72.76
2. Industrial Processes	3.52	2.92	1.36	-64.52
A. Mineral Products	NA	NA	NA	0.00
B. Chemical Industry	3.52	2.92	1.36	-64.52
C. Metal Production	NA	NA	NA	0.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	0.25	0.26	0.24	344.85
4. Agriculture	6.65	6.85	6.95	-54.59
A. Enteric Fermentation				
B. Manure Management	1.22	1.21	1.19	-65.63
C. Rice Cultivation				
D. Agricultural Soils	5.44	5.64	5.75	-51.36
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	0.00
G. Other	NO	NO	NO	0.00
5. Land Use, Land-Use Change and Forestry	0.07	0.06	0.06	-83.16
A. Forest Land	0.02	0.02	0.01	-62.08
B. Cropland	0.04	0.04	0.04	-85.87
C. Grassland	NO	NO	NO	0.00
D. Wetlands	NO	NO	NO	0.00
E. Settlements	NO	NO	NO	0.00
F. Other Land	NO	NO	NO	0.00
G. Other	NO	NO	NO	0.00
6. Waste	0.49	0.50	0.62	34.88
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.28	0.28	0.26	-42.74
C. Waste Incineration	0.01	0.02	0.01	-17.23
D. Other	0.20	0.20	0.36	5,902.42
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total N2O emissions including N2O from LULUCF	11.49	11.08	9.77	-53.12
Total N2O emissions excluding N2O from LULUCF	11.42	11.02	9.71	-52.62
Memo Items:				
International Bunkers	0.02	0.02	0.02	293.77
Aviation	0.00	0.00	0.00	65.92
Marine	0.01	0.01	0.01	525.32
Multilateral Operations	NO	NO	NO	0.00
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) SVK_BR1_v2.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 1 of 3) CRF: SVK_CRF__ v1.2

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)	NA, NO	NA, NO	NA, NO	NA, NO	0.17	11.65	24.06	32.60	40.42
HFC-23	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00
HFC-32	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00
HFC-41	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-43-10mee	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-125	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.01	0.02	0.02	0.02
HFC-152a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00
HFC-227ea	NA, NO	NA, NO	NA, NO	NA, NO	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
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)	271.37	266.94	248.42	155.42	132.06	114.32	34.51	34.62	25.40
CF_4	0.04	0.04	0.03	0.02	0.02	0.02	0.00	0.00	0.00
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	NA, NO	NA, NO	NA, NO	NA, NO
C_4F_{10}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C_4F_8	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_5F_{12}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_6F_{14}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of listed PFCs(4) - (Gg CO_2 equivalent)	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)	0.03	0.03	0.04	0.07	9.27	9.91	10.76	11.34	12.24
SF_6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

Table 1(d) SVK_BR1_v2.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 2 of 3) CRF: SVK_CRF__ v1.2

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)	58.18	77.01	102.30	130.12	154.22	181.34	205.96	248.14	284.44	335.17
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	0.01	0.01	0.01	0.02
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	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	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	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11
HFC-152a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02
HFC-227ea	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-236fa	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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)	13.60	11.65	15.59	13.75	21.65	19.91	20.25	35.82	24.88	36.16
CF_4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
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)	12.68	13.11	13.48	14.42	15.03	15.53	16.27	16.81	17.44	18.51
SF_6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

Table 1(d) SVK_BR1_v2.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 3 of 3) CRF: SVK_CRF__ v1.2

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)	380.08	420.16	439.50	100.00
HFC-23	0.00	0.00	0.00	100.00
HFC-32	0.02	0.02	0.02	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	0.04	0.04	100.00
HFC-134	NA, NO	NA, NO	NA, NO	0.00
HFC-134a	0.12	0.13	0.15	100.00
HFC-152a	0.00	0.01	0.00	100.00
HFC-143	NA, NO	NA, NO	NA, NO	0.00
HFC-143a	0.03	0.03	0.03	100.00
HFC-227ea	0.00	0.00	0.00	100.00
HFC-236fa	0.00	0.00	0.00	100.00
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)	17.76	21.15	17.00	-93.74
CF_4	0.00	0.00	0.00	-93.74
C_2F_6	0.00	0.00	0.00	-93.68
C 3F8	NA, NO	NA, NO	NA, NO	0.00
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)	19.39	19.90	20.74	66,665.15
SF_6	0.00	0.00	0.00	66,665.15

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) SVK_BR1_v2.0

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

Party	*Slovakia*	
Base year /base period	1990	
Emission reduction target	% of base year/base period 20.00	% of 1990 [b]
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) SVK_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		1990
PFCs		1990
SF_6		1990
NF_3		1995/2000
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) SVK_BR1_v2.0

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

Gases	*GWP values* [b]
CO_2	2nd AR
CH_4	2nd AR
N_2O	2nd AR
HFCs	2nd AR
PFCs	2nd AR
SF_6	2nd AR
NF_3	2nd 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) SVK_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	

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 SVK_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	
ERUs	
AAUs[i]	
Carry-over units[j]	
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 SVK_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]

[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 SVK_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)*	
Act No. 414/2012 Coll. on Emission Trading in amendments	Energy, Industry/industrial processes	CO_2, CH_4, N_2O, PFCs	Decrease of CO2 emission	Other (Regulatory)	Implemented	ETS stimulate use of BM in fuel mix of energy units	2013	NG	221.08	
National action plan for biomass use, Government Resolution of SR No. 130/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Regulatory	Implemented	Implementation of new energy units for BM combustion in ETS and non-ETS sources	2008	NG	1,865.37	
National Renewable Energy Action Plan, Government Resolution of SR No. 677/2010	Energy	CH_4, CO_2, N_2O	Increase of RES at electricity generation	Regulatory	Implemented	Implementation of PV a wind generators	2013	NG	542.45	
National Renewable Energy Action Plan, Government Resolution of SR No. 677/2010	Energy	CH_4, CO_2, N_2O	Decrease CO2, Energy – natural gas import decrease	Regulatory	Implemented	Use of local geothermal sources for heat supply	2013	NG, RE, LG, CB	407.93	
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Implemented	Decrease of heat demand in apartment houses on the level 30 kWh/(m2.a) of floor area	2010	NG, RE, LG, CB	11.50	
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Implemented	Decrease of heat demand in governmental and public institution buildings on the level 23 kWh/(m2.) of floor area	2010	NG, RE, LG, CB	5.76	
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Implemented	Decrease of heat demand in family houses on the level 40 kWh/(m2.a) of floor area	2010	NG, RE, LG, CB	34.10	
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Implemented	Decrease of heat demand in apartment houses on the level 50 kWh/(m2.a) of floor area	2010	NG, RE, LG	190.51	

Table 3 SVK_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)*	
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Implemented	Decrease of heat demand in other non-residential buildings on the level 23 kWh/(m2.a) of floor area	2010	NG, RE, LG, CB		3.94
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Adopted	Decrease of heat demand in other apartment houses of 75 kWh/(m2.a) of floor area	2010	NG, RE, LG, CB		24.94
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Economic)	Adopted	Decrease of heat demand in other family houses on the level of 120 kWh/(m2.a) of floor area	2010	NG, RE, LG, CB		80.34
Act No. 258/2011 on carbon capture storage to the geological environment	Energy	CO_2	Decrease CO2	Regulatory	Adopted	CCS in public electricity generation sources	2018	CB		1,646.50
Regulation of the Government of SR No 242/2008 Coll. amending the Regulation of the Government SR No 583/2006 Coll. on technical requirements for reduction of emissions of pollutants from CI engines and SI engines driven by natural gas or liquefied petroleum gas	Transport	CO_2, CH_4, N_2O	Decrease air pollution from traffic	Regulatory	Implemented	New vehicles must meet latest European emission standards (EURO V)	2010	NG		104.08
Act No. 158/2011 on Support for Energy-Saving and Environmental Vehicles	Transport	CO_2, CH_4, N_2O	Decrease air pollution from traffic	Voluntary Agreement	Adopted	This belongs to additional measures. The massive availability of CNG in filling stations are supposed	2013	NG		161.01

Table 3 SVK_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)*	
Act No. 158/2011 on Support for Energy-Saving and Environmental Vehicles	Transport	CO_2, CH_4, N_2O	Further decrease air pollution from traffic	Other (Regulatory)	Adopted	This belongs to additional measures. The EURO 6 standards are supposed to be introduced from 2015	2015	NG	375.68	
Act No. 414/2012 Coll. on Emission Trading in amendments	Energy, Industry/industrial processes	N_2O	Decrease of N2O	Other (Regulatory)	Implemented	The implementation of secondary catalyst at nitric acid production	2013	NG, CB	784.30	
Act No. 414/2012 Coll. on Emission Trading in amendments	Energy, Industry/industrial processes	PFCs	Decrease of PFC	Other (Regulatory)	Implemented	Implementation of control efficiency at aluminium production	2013	NG, CB	4.46	
Ordinance of the Government of the SR No. 488/2010 Coll. on conditions for granting subsidies in agriculture through direct payments	Agriculture	CO_2, CH_4, N_2O	Manure management	Other (Economic)	Adopted		2010	NG	84.76	
Ordinance of the Government of the Slovak Republic No. 488/2010 Coll. on conditions for granting subsidies in agriculture through direct payments	Agriculture	CO_2, CH_4, N_2O	Manure management	Other (Economic)	Adopted		2015	NG	32.41	
Ordinance of the Government of the Slovak Republic No. 488/2010 Coll. on conditions for granting subsidies in agriculture	Agriculture	N_2O	Agricultural soils	Other (Economic)	Adopted		2010	NG	184.72	
Ordinance of the Government of the Slovak Republic No. 488/2010 Coll. on conditions for granting subsidies in agriculture through direct payments	Agriculture	N_2O	Agricultural soils	Other (Economic)	Adopted		2015	NG	29.44	

Table 3 SVK_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)*	
Ordinance of the Government of the Slovak Republic No. 488/2010 Coll. on conditions for granting subsidies in agriculture through direct payments	Agriculture	CH_4	Decreasing the number of dairy cattle	Other (Economic)	Adopted		2010	NG	72.18	
Ordinance of the Government of the Slovak Republic No. 488/2010 Coll. on conditions for granting subsidies in agriculture through direct payments	Agriculture	CH_4	Decreasing the number of dairy cattle	Other (Economic)	Adopted		2015	NG	127.84	
Act No. 409/2006 - complete text of the Act. 223/2001 on Waste	Waste management/waste	N_2O, CH_4	Solid Waste Disposal on Land	Other (Economic)	Adopted		2010	NG	403.89	
The Rural Development Programme for the period of 2014 - 2020	Agriculture	N_2O, CH_4	Support for rural development by the European Agricultural Fund for Rural Development	Other (Economic)	Adopted		2015	NG, RE	243.27	
Conception of energy efficiency of buildings, Government Resolution of SR No. 384/2008	Energy	CO_2, CH_4, N_2O	Decrease CO2, Energy – natural gas import decrease	Other (Regulatory)	Implemented	Decrease of heat demand in family houses on the level 80 kWh/(m2.a) of floor area	2010	NG, RE, LG, CB	404.04	

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.

Table 4 SVK_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)	71,781.85	-10,019.11				
2010	45,896.36	-6,915.13				
2011	45,296.96	-7,467.26		22,193.00		
2012				22,373.00		

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

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

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

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

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

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

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

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

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

Custom Footnotes

Table 4(a)I SVK_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					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other [g]					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other [g]					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other [g]					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other [g]					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other [g]					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other [g]					
Harvested wood products					

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

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

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

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

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

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

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

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

Custom Footnotes

Table 4(a)II

SVK_BR1_v2.0
Source: SVK_CRF__ v1.2

Progress in achievement of the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the counting of emissions and removals from the land use, land-use change and forestry sector in relation to activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol[a,b,c]

GREENHOUSE GAS SOURCE AND SINK ACTIVITIES	*Base year*[d]	*Net emissions/removals*[e]					*Accounting parameters*[h]	*Accounting quantity*[i]
		2008	2009	*2010*	*2011*	Total[g]		
	($kt CO_2 eq$)							
A. Article 3.3 activities								
A.1. Afforestation and Reforestation								-1'963.56
A.1.1. Units of land not harvested since the beginning of the commitment periodj		-453.55	-469.73	-512.43	-527.85	-1,963.56		-1'963.56
A.1.2. Units of land harvested since the beginning of the commitment periodj								
A.2. Deforestation		134.80	212.34	141.19	38.53	526.86		526.85707
B. Article 3.4 activities								
B.1. Forest Management (if elected)		NA	NA	NA	NA	NA		NA
3.3 offset[k]							0	NA
FM cap[l]							9166.66667	NA
B.2. Cropland Management (if elected)	0	NA	NA	NA	NA	NA	0	0
B.3. Grazing Land Management (if elected)	0	NA	NA	NA	NA	NA	0	0
B.4. Revegetation (if elected)	0	NA	NA	NA	NA	NA	0	0

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

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

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

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

[c] Parties can include references to the relevant parts of the national inventory report, where accounting methodologies regarding LULUCF are further described in the documentation box or in the 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) SVK_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)*		
		(kt CO_2 eq)	22,193.00	22,373.00
	AAUs	*(number of units)*		
		(kt CO2 eq)	17,818.00	21,251.00
	ERUs	*(number of units)*		
		(kt CO2 eq)	12.00	104.00
	CERs	*(number of units)*		
		(kt CO2 eq)		
	tCERs	*(number of units)*		
		(kt CO2 eq)	4,363.00	1,018.00
	lCERs	*(number of units)*		
		(kt CO2 eq)		
Other units[d,e]	*Units from market-based mechanisms under the Convention*	*(number of units)*		
		(kt CO_2 eq)		
	Units from other market-based mechanisms	*(number of units)*		
		(kt CO_2 eq)		
Total		*(number of units)*		
		(kt CO_2 eq)	22,193.00	22,373.00

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.

Table 5 SVK_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	*%*			1.40	6.70	2.60		3.30	2.50	2.20	
Population	thousands			5,401.00	5,387.00	5,435.00		5,416.00	5,417.00	5,340.00	5,200.00
Population growth	%			-0.05	0.18	-0.07		0.00	-0.28	-0.53	
International coal price	USD / boe				13.10	16.00		21.97	22.57		23.98
International oil price	USD / boe				46.50	60.00		85.97	88.54		93.13
International gas price	*USD / boe*				31.10	37.90		53.77	61.51		64.54

[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

Table 6(a) SVK_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)							(CO_2 eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030
Sector[d,e]									
Energy	53,875.84	53,875.84	38,947.71	35,646.59	35,500.64	32,007.79	31,533.37	31,200.29	31,931.44
Transport	4,887.55	4,887.55	4,243.22	4,150.29	6,162.49	6,652.53	6,380.02	7,365.79	8,435.49
Industry/industrial processes	9,690.41	9,690.41	8,673.85	8,379.03	9,578.54	8,785.85	8,419.76	9,395.76	9,798.03
Agriculture	7,124.26	7,124.26	4,357.64	3,495.99	3,171.01	3,098.29	3,117.52	2,577.18	2,487.79
Forestry/LULUCF	-10,019.11	-10,019.11	-10,778.56	-10,713.89	-6,102.90	-6,088.42	-7,467.26	-9,029.40	-10,188.19
Waste management/waste	1,091.33	1,091.33	1,232.71	1,777.04	2,346.13	2,222.15	2,227.32	1,319.22	1,073.62
Other (specify)	66.10	66.10	65.34	449,822,147.00	910,946,785.00	104.54	1,058,035,135.00	115.18	118.06
Aviation	66.10	66.10	65.34	449,822,147.00	910,946,785.00	104.54	1,058,035,135.00	115.18	118.06
Gas									
CO_2 emissions including net CO_2 from LULUCF									
CO_2 emissions excluding net CO_2 from LULUCF	60,745.23	60,745.23	44,879.11	41,367.41	42,224.47	38,024.57	37,671.87	38,291.62	39,599.89
CH_4 emissions including CH_4 from LULUCF									
CH_4 emissions excluding CH_4 from LULUCF	4,414.17	4,414.17	4,037.22	4,247.68	4,357.51	4,210.28	4,138.49	3,170.54	2,714.60
N_2O emissions including N_2O from LULUCF									
N_2O emissions excluding N_2O from LULUCF	6,351.04	6,351.04	4,159.70	3,581.79	3,771.85	3,417.69	3,009.36	2,563.68	2,590.49
HFCs	NO		11.65	77.01	205.96	420.16	439.50	425.80	345.10
PFCs	271.37	271.37	114.32	11.65	20.25	21.15	17.00	17.90	17.90
SF_6	0.03	0.03	9.91	13.11	16.27	19.90	20.74	22.90	22.90
Other (specify)									
Total with LULUCF[f]	271.40	271.40	135.88	101.77	242.48	461.21	477.24	466.60	385.90
Total without LULUCF	71,781.84	71,781.84	53,211.91	49,298.65	50,596.31	46,113.75	45,296.96	44,492.44	45,290.88

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 6(c) SVK_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)	1990	1995	2000	2005	2010	2011	2020	2030
Sector[d,e]									
Energy	53,875.84	53,875.84	38,947.71	35,646.59	35,500.64	32,007.79	31,533.37	29,448.47	30,179.93
Transport	4,887.55	4,887.55	4,243.22	4,150.29	6,162.49	6,652.53	6,380.02	7,365.74	8,435.78
Industry/industrial processes	9,690.41	9,690.41	8,673.85	8,379.03	9,578.54	8,785.85	8,419.76	9,139.62	9,355.14
Agriculture	7,124.26	7,124.26	4,357.64	3,495.99	3,171.01	3,098.29	3,117.52	2,387.48	2,332.11
Forestry/LULUCF	-10,019.11	-10,019.11	-10,778.56	-10,713.89	-6,102.90	-6,088.42	-7,467.26	-9,382.39	-10,420.36
Waste management/waste	1,091.33	1,091.33	1,232.71	1,777.04	2,346.13	2,222.15	2,227.32	1,319.22	1,073.62
Other (specify)	66.10	66.10	65.34	449,822,147.00	910,946,785.00	104.54	1,058,035,135.00	115.64	118.16
Aviation	66.10	66.10	65.34	449,822,147.00	910,946,785.00	104.54	1,058,035,135.00	115.64	118.16
Gas									
CO_2 emissions including net CO_2 from LULUCF									
CO_2 emissions excluding net CO_2 from LULUCF	60,745.23	60,745.23	44,879.11	41,367.41	42,224.47	38,024.57	37,671.87	36,464.07	37,734.27
CH_4 emissions including CH_4 from LULUCF									
CH_4 emissions excluding CH_4 from LULUCF	4,414.17	4,414.17	4,037.22	4,247.68	4,357.51	4,210.28	4,138.49	3,021.59	2,588.38
N_2O emissions including N_2O from LULUCF									
N_2O emissions excluding N_2O from LULUCF	6,351.04	6,351.04	4,159.70	3,581.79	3,771.85	3,417.69	3,009.36	2,342.52	2,361.15
HFCs	NO		11.65	77.01	205.96	420.16	439.50	425.80	222.60
PFCs	271.37	271.37	114.32	11.65	20.25	21.15	17.00	17.90	17.90
SF_6	0.03	0.03	9.91	13.11	16.27	19.90	20.74	22.90	16.50
Other (specify)									
Total with LULUCF[f]	271.40	271.40	135.88	101.77	242.48	461.21	477.24	466.60	257.00
Total without LULUCF	71,781.84	71,781.84	53,211.91	49,298.65	50,596.31	46,113.75	45,296.96	42,294.78	42,940.80

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 SVK_BR1_v2.0

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

Allocation channels	*Year*									
	European euro - EUR					*USD*[b]				
	Core/ general[c]	*Climate-specific*[d]				*Core/ general*[c]	*Climate-specific*[d]			
		Mitigation	*Adaptation*	*Cross-cutting*[e]	*Other*[f]		*Mitigation*	*Adaptation*	*Cross-cutting*[e]	*Other*[f]
Total contributions through multilateral channels:	267,000.00					360,450.00				
Multilateral climate change funds[g]										
Other multilateral climate change funds[h]										
Multilateral financial institutions, including regional development banks	267,000.00					360,450.00				
Specialized United Nations bodies										
Total contributions through bilateral, regional and other channels		681,583.00	728,689.00	160,000.00			920,137.00	983,731.00	216,000.00	
Total	267,000.00	681,583.00	728,689.00	160,000.00		360,450.00	920,137.00	983,731.00	216,000.00	

Abbreviation: USD = United States dollars.

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

[b] Parties should provide an explanation on methodology used for currency exchange for the information provided in table 7, 7(a) and 7(b) in the box below.

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

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

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

[f] Please specify.

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

[h] Other multilateral climate change funds as referred in paragraph 17(b) of the "UNFCCC biennial reporting guidelines for developed country Parties" in decision 2/CP.17.

Custom Footnotes

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 SVK_BR1_v2.0

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

Allocation channels	*Year*									
	European euro - EUR					*USD*[b]				
	Core/ general[c]	*Climate-specific*[d]				*Core/ general*[c]	*Climate-specific*[d]			
		Mitigation	*Adaptation*	*Cross-cutting*[e]	*Other*[f]		*Mitigation*	*Adaptation*	*Cross-cutting*[e]	*Other*[f]
Total contributions through multilateral channels:	580,000.00					783,000.00				
Multilateral climate change funds[g]										
Other multilateral climate change funds[h]										
Multilateral financial institutions, including regional development banks	580,000.00					783,000.00				
Specialized United Nations bodies										
Total contributions through bilateral, regional and other channels			149,393.00	3,041,034.00				201,681.00	4,105,397.00	
Total	580,000.00		149,393.00	3,041,034.00		783,000.00		201,681.00	4,105,397.00	

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(a) SVK_BR1_v2.0

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

Donor funding	*Total amount*				*Status*[b]	*Funding source*[f]	*Financial instrument*[f]	*Type of support*[f,g]	*Sector*[c]
	Core/general[d]		*Climate-specific*[e]						
	European euro - EUR	*USD*	*European euro - EUR*	*USD*					
Total contributions through multilateral channels	267,000.00	360,450.00							
Multilateral climate change funds[g]									
1. Global Environment Facility									
2. Least Developed Countries Fund									
3. Special Climate Change Fund									
4. Adaptation Fund									
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks	267,000.00	360,450.00							
1. World Bank									
2. International Finance Corporation									
3. African Development Bank									
4. Asian Development Bank									
5. European Bank for Reconstruction and Development	267,000.00	360,450.00			Provided	Other (EBRD / Slovak consultant)	Grant	Mitigation	Energy
6. Inter-American Development Bank									
7. Other									
Specialized United Nations bodies									
1. United Nations Development Programme									
2. United Nations Environment Programme									
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

Table 7(a) SVK_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]						
	European euro - EUR	*USD*	*European euro - EUR*	*USD*					
Total contributions through multilateral channels	580,000.00	783,000.00							
Multilateral climate change funds[g]									
1. Global Environment Facility									
2. Least Developed Countries Fund									
3. Special Climate Change Fund									
4. Adaptation Fund									
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks	580,000.00	783,000.00							
1. World Bank									
2. International Finance Corporation									
3. African Development Bank									
4. Asian Development Bank									
5. European Bank for Reconstruction and Development	580,000.00	783,000.00			Provided	Other (EBRD / Slovak consultant)	Grant	Adaptation	Water and sanitation
6. Inter-American Development Bank									
7. Other									
Specialized United Nations bodies									
1. United Nations Development Programme									
2. United Nations Environment Programme									
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

Table 7(b) SVK_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]							
	European euro - EUR	*USD*						
Total contributions through bilateral, regional and other channels	1,570,272.00	2,119,868.00						
Various developing countries / Granted Scholarships for students in the field of environment and land protection, ecology and environmental sciences	160,000.00	216,000.00	Provided	Other (MESRS SR)	Grant	Cross-cutting	Cross-cutting	
Serbia / Construction of Sewage Treatment Plant and 1st Phase of Canalization Network for town Kovacica	220,000.00	297,000.00	Provided	ODA	Grant	Mitigation	Water and sanitation	
Serbia / , Ecological Agriculture Production System Construction on the EU Level	149,236.00	201,469.00	Provided	ODA	Grant	Adaptation	Agriculture	
Montenegro / Mobile Flood Protection of Cities and Municipalities - FLOODefence.ME	200,000.00	270,000.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Kenya / Mau Forest Ecosystem Degradation Reduction	296,959.00	400,895.00	Provided	ODA	Grant	Mitigation	Forestry	
Montenegro / Flood Protection Aid for Montenegro	199,000.00	268,650.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Bosnia and Herzegovina / Solar and Water Energy Sources Mapping	164,624.00	222,242.00	Provided	ODA	Grant	Mitigation	Energy	
Georgia / EU Directive on Assessment and Management of Flood Risks Implementation Process Support	80,453.00	108,612.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Kyrgyzstan / Rice from Uzgen - Poverty Reduction Strategy and Small-Scale Enterprise Development through Traditional Agriculture	100,000.00	135,000.00	Provided	ODA	Grant	Adaptation	Agriculture	

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

Table 7(b) SVK_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]							
	European euro - EUR	*USD*						
Total contributions through bilateral, regional and other channels	3,190,427.00	4,307,078.00						
Kenya / Drinking Water Source	149,393.00	201,681.00	Provided	ODA	Grant	Adaptation	Water and sanitation	
Various developing countries / Granted Scholarships for students from countries, which represent territorial priorities of ODA of Slovakia	1,630,000.00	2,200,500.00	Provided	Other (MESRS SR)	Grant	Cross-cutting	Cross-cutting	
Afghanistan / Higher Expert Education in Parwan Province	266,618.00	359,935.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Kenya / Agricultural Development and Natural Resources Conservation	268,060.00	361,881.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Sudan / Sustainable Agri-Business for Eira	189,836.00	256,279.00	Provided	ODA	Grant	Cross-cutting	Agriculture	
Kenya / Enhancing professional capacity in the agricultural sector in Central Kenya	205,912.00	277,982.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Kenya / Improving food security and health status of communities in the district Sigowet in Kericho district	263,232.00	355,363.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Sudan / Training Center of St. Peter Claver in Rumbek, phase II.	217,376.00	293,457.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	South Sudan

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

Table 8 SVK_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]

[a] To be reported to the extent possible.

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

[c] Parties may report sectoral disaggregation, as appropriate.

[d] Additional information may include, for example, funding for technology development and transfer provided, a short description of the measure or activity and co-financing arrangements.

Custom Footnotes

Table 9 SVK_BR1_v2.0

Provision of capacity-building support[a]

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

[a] To be reported to the extent possible.

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

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

Custom Footnotes