

## BR CTF submission workbook

Submission Year	2014	Party	SWITZERLAND
Submission Version	v1.0	Submission Level	Submitted
Submission Key	CHE_2014_V1.0	Submission Status	Closed
Submitted By	Perroud Marjorie	Workbook Created	03.02.2014 09:12:16
Submitted Date	03.02.2014 09:11:33		

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Table 1

CHE\_BR1\_v1.0

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

CRF: Submission 2014 v2.1, SWITZERLAND

<i>GREENHOUSE GAS EMISSIONS</i>	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	41,497.79	43,110.26	43,273.14	39,519.16	39,901.68	39,783.24	39,512.41	38,050.52	39,636.35
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	44,671.97	46,404.17	46,302.16	43,765.88	43,026.01	43,685.12	44,345.36	43,526.75	44,831.53
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	4,684.05	4,647.64	4,512.41	4,377.28	4,285.56	4,272.43	4,197.01	4,099.44	4,046.42
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	4,675.86	4,646.54	4,512.03	4,376.97	4,283.38	4,269.17	4,195.28	4,088.21	4,044.57
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	3,468.17	3,466.58	3,443.55	3,364.55	3,324.24	3,330.12	3,332.93	3,226.75	3,216.70
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	3,457.81	3,460.36	3,437.77	3,358.82	3,317.48	3,322.84	3,326.63	3,215.05	3,210.59
HFCs	0.02	0.25	6.57	14.59	33.74	180.75	227.01	300.12	356.24
PFCs	100.21	84.70	69.26	29.69	17.66	14.69	17.20	20.04	22.83
SF <sub>6</sub>	143.62	145.92	148.21	126.35	112.04	97.73	94.42	130.61	160.18
<b>Total (including LULUCF)</b>	49,893.86	51,455.34	51,453.15	47,431.62	47,674.92	47,678.96	47,380.98	45,827.48	47,438.73
<b>Total (excluding LULUCF)</b>	53,049.50	54,741.93	54,476.00	51,672.30	50,790.32	51,570.31	52,205.90	51,280.78	52,625.94

<i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i>	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>
1. Energy	42,083.22	44,185.40	44,216.36	41,908.97	41,013.18	41,876.84	42,723.13	42,066.32	43,384.20
2. Industrial Processes	3,380.95	3,023.31	2,868.43	2,563.29	2,725.07	2,654.90	2,530.25	2,468.14	2,563.62
3. Solvent and Other Product Use	470.11	443.91	419.86	391.75	374.25	353.76	330.80	308.05	286.35
4. Agriculture	6,092.10	6,069.45	5,978.83	5,877.37	5,808.00	5,819.29	5,780.01	5,605.71	5,577.86
5. Land Use, Land-Use Change and Forestry <sup>b</sup>	-3,155.63	-3,286.59	-3,022.85	-4,240.68	-3,115.40	-3,891.36	-4,824.92	-5,453.31	-5,187.22
6. Waste	1,010.98	1,007.54	980.01	918.23	856.94	852.45	828.44	819.10	800.27
7. Other	12.13	12.33	12.52	12.69	12.89	13.08	13.27	13.46	13.65
<b>Total (including LULUCF)</b>	49,893.86	51,455.34	51,453.15	47,431.62	47,674.92	47,678.96	47,380.98	45,827.48	47,438.73

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

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

Table 1

CHE\_BR1\_v1.0

**Emission trends: summary** <sup>(1)</sup>  
(Sheet 2 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

<i>GREENHOUSE GAS EMISSIONS</i>	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	41,400.75	42,800.77	45,224.85	43,625.33	42,133.93	41,182.34	42,185.02	43,121.22	41,258.02	43,956.18
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	44,953.84	44,033.03	44,989.10	43,942.72	45,129.68	45,758.68	46,387.04	46,018.68	44,048.47	45,576.73
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	3,984.83	3,916.55	3,931.06	3,880.33	3,787.15	3,765.89	3,772.40	3,782.74	3,781.89	3,845.44
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	3,984.76	3,916.28	3,930.79	3,877.28	3,782.95	3,765.74	3,772.05	3,781.99	3,780.15	3,845.05
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	3,187.95	3,188.49	3,215.78	3,198.20	3,143.57	3,092.22	3,074.80	3,073.69	3,094.90	3,113.98
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	3,183.02	3,183.56	3,210.98	3,191.91	3,136.72	3,087.85	3,070.37	3,069.08	3,089.77	3,109.74
HFCs	418.70	498.54	593.71	635.19	707.87	818.16	900.68	926.36	960.23	1,025.58
PFCs	35.88	69.09	45.22	40.29	57.01	52.53	32.88	32.36	28.86	39.06
SF <sub>6</sub>	146.90	157.79	157.09	168.27	174.06	189.84	212.99	200.87	185.75	244.72
<b>Total (including LULUCF)</b>	<b>49,175.01</b>	<b>50,631.23</b>	<b>53,167.72</b>	<b>51,547.62</b>	<b>50,003.59</b>	<b>49,100.97</b>	<b>50,178.77</b>	<b>51,137.24</b>	<b>49,309.65</b>	<b>52,224.97</b>
<b>Total (excluding LULUCF)</b>	<b>52,723.10</b>	<b>51,858.29</b>	<b>52,926.88</b>	<b>51,855.66</b>	<b>52,988.29</b>	<b>53,672.80</b>	<b>54,376.00</b>	<b>54,029.34</b>	<b>52,093.22</b>	<b>53,840.88</b>

<i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i>	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>
1. Energy	43,484.34	42,403.64	43,339.89	42,313.12	43,520.13	43,955.07	44,475.51	44,136.44	42,131.62	43,683.76
2. Industrial Processes	2,667.83	2,938.03	3,043.64	3,043.22	3,092.16	3,362.96	3,538.35	3,517.62	3,541.02	3,667.03
3. Solvent and Other Product Use	273.07	258.55	245.01	233.31	224.46	211.32	210.80	205.16	204.31	201.04
4. Agriculture	5,511.20	5,495.70	5,560.99	5,535.79	5,460.86	5,447.40	5,474.18	5,494.09	5,555.69	5,648.46
5. Land Use, Land-Use Change and Forestry <sup>b</sup>	-3,548.09	-1,227.06	240.84	-308.04	-2,984.70	-4,571.83	-4,197.24	-2,892.10	-2,783.57	-1,615.91
6. Waste	772.80	748.31	723.27	716.12	676.56	681.92	663.02	661.87	646.41	626.41
7. Other	13.86	14.05	14.09	14.10	14.12	14.13	14.14	14.16	14.17	14.18
<b>Total (including LULUCF)</b>	<b>49,175.01</b>	<b>50,631.23</b>	<b>53,167.72</b>	<b>51,547.62</b>	<b>50,003.59</b>	<b>49,100.97</b>	<b>50,178.77</b>	<b>51,137.24</b>	<b>49,309.65</b>	<b>52,224.97</b>

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

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

CRF: Submission 2014 v2.1, SWITZERLAND

<i>GREENHOUSE GAS EMISSIONS</i>	2009	2010	2011	Change from base to latest reported year
	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	(%)
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	42,264.77	43,632.41	38,562.09	-7.07
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	44,362.30	46,041.18	41,978.64	-6.03
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	3,788.91	3,767.87	3,735.62	-20.25
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	3,788.60	3,767.69	3,734.38	-20.13
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	3,070.56	3,138.87	3,079.61	-11.20
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	3,066.48	3,135.01	3,075.24	-11.06
HFCs	1,065.13	1,119.04	1,171.45	5,199,794.59
PFCs	35.17	36.71	39.36	-60.72
SF <sub>6</sub>	187.12	154.77	164.37	14.45
<b>Total (including LULUCF)</b>	<b>50,411.65</b>	<b>51,849.67</b>	<b>46,752.49</b>	<b>-6.30</b>
<b>Total (excluding LULUCF)</b>	<b>52,504.79</b>	<b>54,254.39</b>	<b>50,163.44</b>	<b>-5.44</b>

<i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i>	2009	2010	2011	Change from base to latest reported year
	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	<i>kt CO<sub>2</sub> eq</i>	(%)
1. Energy	42,557.80	44,050.12	39,989.66	-4.97
2. Industrial Processes	3,531.45	3,748.40	3,769.60	11.50
3. Solvent and Other Product Use	200.10	197.56	199.43	-57.58
4. Agriculture	5,593.50	5,647.19	5,603.54	-8.02
5. Land Use, Land-Use Change and Forestry <sup>b</sup>	-2,093.14	-2,404.73	-3,410.94	8.09
6. Waste	607.74	596.92	586.99	-41.94
7. Other	14.20	14.21	14.22	17.22
<b>Total (including LULUCF)</b>	<b>50,411.65</b>	<b>51,849.67</b>	<b>46,752.49</b>	<b>-6.30</b>

*Notes :*

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO<sub>2</sub>)", "Emission trends (CH<sub>4</sub>)", "Emission trends (N<sub>2</sub>O)" and "Emission trends (HFCs, PFCs and SF<sub>6</sub>)", which is included in an annex to this biennial report.

(2) 2011 is the latest reported inventory year.

(3) 1 kt CO<sub>2</sub> eq equals 1 Gg CO<sub>2</sub> eq.

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

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

<sup>b</sup> Includes net CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O from LULUCF.

*Custom Footnotes*

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

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
<b>1. Energy</b>	41,178.36	43,273.78	43,335.63	41,077.22	40,198.64	41,077.01	41,926.33	41,295.06	42,614.46
A. Fuel Combustion (Sectoral Approach)	41,087.00	43,167.36	43,233.46	40,979.58	40,116.56	41,000.67	41,844.06	41,216.47	42,540.71
1. Energy Industries	2,503.76	2,768.02	2,854.39	2,507.51	2,541.75	2,575.87	2,788.11	2,748.44	3,066.61
2. Manufacturing Industries and Construction	6,106.38	6,289.90	5,948.80	5,866.98	5,868.02	6,061.06	5,837.89	5,736.28	5,918.99
3. Transport	14,347.47	14,830.39	15,144.35	14,094.72	14,277.88	13,969.90	14,025.80	14,577.30	14,793.75
4. Other Sectors	17,925.81	19,092.82	19,107.95	18,340.72	17,264.82	18,247.13	19,056.37	18,008.72	18,616.63
5. Other	203.58	186.22	177.96	169.64	164.09	146.71	135.90	145.74	144.74
B. Fugitive Emissions from Fuels	91.36	106.42	102.17	97.65	82.08	76.34	82.27	78.59	73.76
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	91.36	106.42	102.17	97.65	82.08	76.34	82.27	78.59	73.76
<b>2. Industrial Processes</b>	3,059.34	2,721.11	2,581.20	2,332.29	2,492.76	2,294.20	2,126.09	1,958.35	1,962.29
A. Mineral Products	2,696.79	2,364.34	2,223.32	2,034.97	2,219.75	2,100.25	1,898.29	1,711.29	1,712.74
B. Chemical Industry	109.80	107.63	110.30	109.01	109.07	87.01	109.57	122.46	107.71
C. Metal Production	251.71	248.20	246.75	187.59	163.32	106.42	118.03	124.28	141.40
D. Other Production	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Production of Halocarbons and SF <sub>6</sub>									
F. Consumption of Halocarbons and SF <sub>6</sub>									
G. Other	1.04	0.94	0.83	0.73	0.62	0.52	0.20	0.32	0.44
<b>3. Solvent and Other Product Use</b>	359.98	337.91	318.45	295.26	282.72	267.33	249.76	232.61	216.41
<b>4. Agriculture</b>									
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									
<b>5. Land Use, Land-Use Change and Forestry</b>	-3,174.18	-3,293.91	-3,029.02	-4,246.72	-3,124.34	-3,901.89	-4,832.95	-5,476.23	-5,195.18
A. Forest Land	-4,228.88	-4,485.28	-4,034.10	-5,317.13	-4,828.49	-4,868.51	-5,723.39	-6,392.95	-6,563.79
B. Cropland	385.33	519.88	332.22	391.61	968.54	201.85	105.44	122.20	533.00
C. Grassland	164.06	164.41	165.13	176.98	219.77	230.31	257.43	264.72	300.64
D. Wetlands	18.54	18.89	18.99	20.67	26.42	29.88	28.36	29.44	30.13
E. Settlements	391.14	392.63	393.12	387.49	384.16	397.18	392.52	393.39	393.82
F. Other Land	95.63	95.56	95.63	93.68	105.26	107.40	106.69	106.98	111.01
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
<b>6. Waste</b>	63.33	60.21	55.53	49.58	40.18	34.68	31.09	28.45	25.89
A. Solid Waste Disposal on Land	9.24	10.70	10.66	9.66	5.79	5.12	4.46	4.33	4.28
B. Waste-water Handling									
C. Waste Incineration	54.10	49.51	44.87	39.92	34.39	29.56	26.63	24.12	21.61
D. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>7. Other (as specified in the summary table in CRF)</b>	10.96	11.15	11.34	11.52	11.71	11.90	12.09	12.28	12.47
<b>Total CO<sub>2</sub> emissions including net CO<sub>2</sub> from LULUCF</b>	41,497.79	43,110.26	43,273.14	39,519.16	39,901.68	39,783.24	39,512.41	38,050.52	39,636.35
<b>Total CO<sub>2</sub> emissions excluding net CO<sub>2</sub> from LULUCF</b>	44,671.97	46,404.17	46,302.16	43,765.88	43,026.01	43,685.12	44,345.36	43,526.75	44,831.53
<b>Memo Items:</b>									
<b>International Bunkers</b>	3,125.66	3,047.07	3,240.50	3,375.20	3,489.50	3,709.58	3,853.95	4,000.59	4,183.04
Aviation	3,065.92	2,991.86	3,184.16	3,319.07	3,428.71	3,654.00	3,804.56	3,951.57	4,143.03
Marine	59.74	55.21	56.34	56.13	60.79	55.58	49.39	49.02	40.01
<b>Multilateral Operations</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>CO<sub>2</sub> Emissions from Biomass</b>	4,866.37	5,013.77	4,885.18	4,889.73	4,665.04	4,865.55	5,178.03	4,852.42	4,957.21

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

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

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CRF: Submission 2014 v2.1, SWITZERLAND

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
<b>1. Energy</b>	42,706.40	41,657.22	42,593.19	41,610.20	42,846.32	43,341.69	43,872.86	43,546.52	41,566.56	43,113.86
A. Fuel Combustion (Sectoral Approach)	42,640.32	41,594.28	42,527.69	41,548.10	42,787.32	43,278.60	43,813.53	43,481.21	41,509.69	43,053.76
1. Energy Industries	3,097.92	2,997.51	3,119.93	3,203.04	3,233.12	3,553.39	3,738.77	4,009.34	3,769.31	3,956.57
2. Manufacturing Industries and Construction	5,903.64	5,789.78	6,074.44	5,813.64	5,948.91	6,067.11	6,120.13	6,259.51	6,094.35	6,101.48
3. Transport	15,402.20	15,645.21	15,365.06	15,307.71	15,492.92	15,625.15	15,693.61	15,826.53	16,156.95	16,534.58
4. Other Sectors	18,105.89	17,026.79	17,836.09	17,085.53	17,988.57	17,920.41	18,138.79	17,259.87	15,370.45	16,347.81
5. Other	130.66	134.98	132.17	138.18	123.80	112.54	122.23	125.97	118.63	113.32
B. Fugitive Emissions from Fuels	66.08	62.94	65.51	62.11	59.00	63.09	59.33	65.30	56.87	60.10
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	66.08	62.94	65.51	62.11	59.00	63.09	59.33	65.30	56.87	60.10
<b>2. Industrial Processes</b>	2,003.62	2,144.37	2,176.14	2,125.83	2,086.49	2,232.24	2,330.96	2,290.16	2,299.41	2,282.00
A. Mineral Products	1,712.07	1,832.62	1,862.93	1,789.44	1,753.31	1,864.74	1,982.48	1,974.12	2,009.03	1,976.36
B. Chemical Industry	105.59	109.32	105.96	111.59	99.65	120.69	112.63	119.43	111.30	119.63
C. Metal Production	185.32	201.67	206.45	223.48	231.89	245.37	235.53	196.02	178.64	185.43
D. Other Production	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	0.64	0.76	0.80	1.32	1.64	1.44	0.32	0.60	0.44	0.58
<b>3. Solvent and Other Product Use</b>	208.53	199.40	191.06	181.08	171.66	159.91	158.48	156.55	157.07	155.02
<b>4. Agriculture</b>										
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										
<b>5. Land Use, Land-Use Change and Forestry</b>	-3,553.09	-1,232.25	235.76	-317.38	-2,995.75	-4,576.34	-4,202.02	-2,897.46	-2,790.45	-1,620.54
A. Forest Land	-5,208.16	-2,088.95	-1,364.10	-1,550.48	-4,473.60	-5,127.57	-5,340.56	-4,486.12	-3,335.40	-2,481.31
B. Cropland	820.99	19.74	765.68	399.64	646.46	-284.70	334.76	852.84	-108.36	351.60
C. Grassland	301.15	304.51	304.41	305.67	306.04	310.48	246.37	216.04	173.51	97.69
D. Wetlands	30.28	30.45	30.48	30.51	30.54	30.70	25.70	21.13	18.38	10.18
E. Settlements	390.89	389.52	386.22	383.63	380.58	379.82	425.19	398.53	370.91	330.21
F. Other Land	111.75	112.48	113.07	113.65	114.23	114.93	106.52	100.12	90.52	71.09
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<b>6. Waste</b>	22.61	19.17	15.80	12.69	12.27	11.90	11.79	12.49	12.45	12.86
A. Solid Waste Disposal on Land	2.83	1.80	1.14	0.48	0.32	0.08	0.05	0.01	0.00	0.00
B. Waste-water Handling										
C. Waste Incineration	19.78	17.37	14.66	12.21	11.95	11.82	11.74	12.48	12.44	12.86
D. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>7. Other (as specified in the summary table in CRF)</b>	12.68	12.87	12.90	12.92	12.93	12.94	12.95	12.97	12.98	12.99
<b>Total CO2 emissions including net CO2 from LULUCF</b>	41,400.75	42,800.77	45,224.85	43,625.33	42,133.93	41,182.34	42,185.02	43,121.22	41,258.02	43,956.18
<b>Total CO2 emissions excluding net CO2 from LULUCF</b>	44,953.84	44,033.03	44,989.10	43,942.72	45,129.68	45,758.68	46,387.04	46,018.68	44,048.47	45,576.73
<b>Memo Items:</b>										
<b>International Bunkers</b>	4,492.12	4,700.46	4,430.46	4,085.99	3,673.70	3,464.10	3,526.17	3,701.81	3,954.22	4,266.46
Aviation	4,450.95	4,661.85	4,399.10	4,060.24	3,642.63	3,432.79	3,489.52	3,667.95	3,919.34	4,234.18
Marine	41.17	38.61	31.36	25.76	31.07	31.31	36.64	33.86	34.88	32.28
<b>Multilateral Operations</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>CO2 Emissions from Biomass</b>	5,075.91	5,085.80	5,405.98	5,406.47	5,558.89	5,630.35	5,804.63	6,103.82	5,965.02	6,296.69

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

**Emission trends (CO<sub>2</sub>)**  
(Sheet 3 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
<b>1. Energy</b>	42,003.69	43,494.64	39,466.30	-4.16
A. Fuel Combustion (Sectoral Approach)	41,946.68	43,441.41	39,414.08	-4.07
1. Energy Industries	3,881.87	4,108.25	3,911.91	56.24
2. Manufacturing Industries and Construction	5,721.62	5,877.95	5,376.25	-11.96
3. Transport	16,347.93	16,256.01	16,082.65	12.09
4. Other Sectors	15,880.22	17,079.65	13,936.34	-22.26
5. Other	115.05	119.55	106.92	-47.48
B. Fugitive Emissions from Fuels	57.01	53.23	52.23	-42.84
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	57.01	53.23	52.23	-42.84
<b>2. Industrial Processes</b>	2,178.11	2,369.23	2,331.68	-23.78
A. Mineral Products	1,946.36	2,073.46	2,033.34	-24.60
B. Chemical Industry	98.06	122.39	110.55	0.68
C. Metal Production	132.87	172.43	186.63	-25.85
D. Other Production	NA	NA	NA	0.00
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	0.83	0.96	1.15	10.92
<b>3. Solvent and Other Product Use</b>	155.36	151.77	155.28	-56.86
<b>4. Agriculture</b>				
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				
<b>5. Land Use, Land-Use Change and Forestry</b>	-2,097.53	-2,408.78	-3,416.55	7.64
A. Forest Land	-3,261.27	-3,948.22	-3,982.98	-5.81
B. Cropland	358.78	736.90	-239.68	-162.20
C. Grassland	321.78	321.68	325.85	98.62
D. Wetlands	28.94	28.98	29.09	56.94
E. Settlements	341.94	339.08	337.81	-13.64
F. Other Land	112.31	112.80	113.35	18.53
G. Other	NE	NE	NE	0.00
<b>6. Waste</b>	12.13	12.54	12.34	-80.51
A. Solid Waste Disposal on Land	NO	NO	NO	-100.00
B. Waste-water Handling				
C. Waste Incineration	12.13	12.54	12.34	-77.18
D. Other	NO	NO	NO	0.00
<b>7. Other (as specified in the summary table in CRF)</b>	13.00	13.02	13.03	18.86
<b>Total CO<sub>2</sub> emissions including net CO<sub>2</sub> from LULUCF</b>	42,264.77	43,632.41	38,562.09	-7.07
<b>Total CO<sub>2</sub> emissions excluding net CO<sub>2</sub> from LULUCF</b>	44,362.30	46,041.18	41,978.64	-6.03
<b>Memo Items:</b>				
<b>International Bunkers</b>	4,075.18	4,288.68	4,719.90	51.00
Aviation	4,043.40	4,254.21	4,689.16	52.94
Marine	31.78	34.47	30.74	-48.54
<b>Multilateral Operations</b>	NO	NO	NO	0.00
<b>CO<sub>2</sub> Emissions from Biomass</b>	6,267.34	6,588.73	6,184.25	27.08

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

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

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

Custom Footnotes

**Emission trends (CH<sub>4</sub>)**

(Sheet 1 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
<b>1. Energy</b>	29.60	28.83	26.51	24.34	22.99	21.71	20.66	19.06	18.57
A. Fuel Combustion (Sectoral Approach)	11.46	11.61	10.81	9.94	8.96	8.75	8.74	7.84	7.57
1. Energy Industries	0.07	0.08	0.09	0.08	0.08	0.09	0.10	0.09	0.10
2. Manufacturing Industries and Construction	0.37	0.39	0.38	0.39	0.38	0.39	0.40	0.37	0.38
3. Transport	4.92	4.66	4.37	3.73	3.38	3.03	2.88	2.78	2.60
4. Other Sectors	6.09	6.47	5.97	5.74	5.11	5.23	5.35	4.58	4.49
5. Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B. Fugitive Emissions from Fuels	18.14	17.22	15.70	14.40	14.03	12.96	11.92	11.22	11.00
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	18.14	17.22	15.70	14.40	14.03	12.96	11.92	11.22	11.00
<b>2. Industrial Processes</b>	0.46	0.44	0.43	0.41	0.40	0.38	0.38	0.39	0.38
A. Mineral Products	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Chemical Industry	0.46	0.44	0.43	0.41	0.40	0.38	0.38	0.39	0.38
C. Metal Production	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Other Production									
E. Production of Halocarbons and SF <sub>6</sub>									
F. Consumption of Halocarbons and SF <sub>6</sub>									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>3. Solvent and Other Product Use</b>									
<b>4. Agriculture</b>	157.48	157.04	154.11	152.36	151.80	152.44	151.01	147.94	147.24
A. Enteric Fermentation	125.50	125.36	122.91	121.30	121.36	122.43	121.50	118.85	117.77
B. Manure Management	31.98	31.68	31.20	31.07	30.44	30.01	29.51	29.09	29.47
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	NA	NA	NA	NA	NA	NA	NA	NA	NA
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>5. Land Use, Land-Use Change and Forestry</b>	0.39	0.05	0.02	0.01	0.10	0.16	0.08	0.53	0.09
A. Forest Land	0.39	0.05	0.02	0.01	0.10	0.16	0.08	0.53	0.09
B. Cropland	NO	NO	NO	NO	NO	NO	NO	NO	NO
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Settlements	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
F. Other Land	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
<b>6. Waste</b>	35.10	34.93	33.78	31.28	28.76	28.74	27.69	27.26	26.38
A. Solid Waste Disposal on Land	32.77	32.41	30.93	28.30	25.48	25.06	23.88	23.26	22.26
B. Waste-water Handling	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26
C. Waste Incineration	0.68	0.67	0.67	0.66	0.65	0.64	0.63	0.63	0.63
D. Other	1.43	1.62	1.95	2.09	2.39	2.80	2.93	3.11	3.23
<b>7. Other (as specified in the summary table in CRF)</b>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
<b>Total CH<sub>4</sub> emissions including CH<sub>4</sub> from LULUCF</b>	223.05	221.32	214.88	208.44	204.07	203.45	199.86	195.21	192.69
<b>Total CH<sub>4</sub> emissions excluding CH<sub>4</sub> from LULUCF</b>	222.66	221.26	214.86	208.43	203.97	203.29	199.78	194.68	192.60
<b>Memo Items:</b>									
<b>International Bunkers</b>	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07
Aviation	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07
Marine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Multilateral Operations</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>CO<sub>2</sub> Emissions from Biomass</b>									

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



**Emission trends (CH<sub>4</sub>)**  
(Sheet 2 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

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
<b>1. Energy</b>	18.59	17.08	17.18	15.47	14.48	14.17	13.92	13.44	12.91	13.09
A. Fuel Combustion (Sectoral Approach)	7.26	6.59	6.48	5.94	5.86	5.67	5.53	5.19	4.74	4.80
1. Energy Industries	0.10	0.09	0.09	0.09	0.10	0.10	0.11	0.10	0.09	0.11
2. Manufacturing Industries and Construction	0.36	0.35	0.37	0.35	0.36	0.36	0.36	0.37	0.37	0.37
3. Transport	2.51	2.34	2.14	1.96	1.82	1.70	1.58	1.43	1.37	1.29
4. Other Sectors	4.27	3.80	3.87	3.53	3.59	3.50	3.48	3.28	2.91	3.02
5. Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B. Fugitive Emissions from Fuels	11.33	10.49	10.70	9.54	8.62	8.50	8.40	8.25	8.16	8.29
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	11.33	10.49	10.70	9.54	8.62	8.50	8.40	8.25	8.16	8.29
<b>2. Industrial Processes</b>	0.37	0.38	0.38	0.38	0.38	0.41	0.41	0.39	0.40	0.41
A. Mineral Products	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Chemical Industry	0.37	0.38	0.38	0.38	0.38	0.41	0.41	0.39	0.40	0.41
C. Metal Production	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>3. Solvent and Other Product Use</b>										
<b>4. Agriculture</b>	145.48	145.09	146.64	146.16	144.88	144.31	145.71	147.04	148.49	152.54
A. Enteric Fermentation	116.38	116.06	117.21	116.78	115.68	115.00	115.73	116.70	118.00	121.50
B. Manure Management	29.10	29.03	29.43	29.38	29.20	29.31	29.98	30.34	30.49	31.04
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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>5. Land Use, Land-Use Change and Forestry</b>	0.00	0.01	0.01	0.15	0.20	0.01	0.02	0.04	0.08	0.02
A. Forest Land	0.00	0.01	0.01	0.15	0.20	0.01	0.02	0.04	0.08	0.02
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	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Settlements	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
F. Other Land	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<b>6. Waste</b>	25.28	23.91	22.94	22.59	20.38	20.40	19.55	19.19	18.18	17.03
A. Solid Waste Disposal on Land	21.08	19.06	17.98	17.17	15.04	15.00	14.07	13.53	12.39	11.15
B. Waste-water Handling	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.33	0.34	0.38
C. Waste Incineration	0.63	0.63	0.63	0.63	0.62	0.62	0.61	0.62	0.62	0.62
D. Other	3.30	3.95	4.06	4.51	4.43	4.50	4.58	4.71	4.84	4.89
<b>7. Other (as specified in the summary table in CRF)</b>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
<b>Total CH4 emissions including CH4 from LULUCF</b>	189.75	186.50	187.19	184.78	180.34	179.33	179.64	180.13	180.09	183.12
<b>Total CH4 emissions excluding CH4 from LULUCF</b>	189.75	186.49	187.18	184.63	180.14	179.32	179.62	180.09	180.01	183.10
<b>Memo Items:</b>										
<b>International Bunkers</b>	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.07
Aviation	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.07
Marine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Multilateral Operations</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>CO2 Emissions from Biomass</b>										

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

**Emission trends (CH<sub>4</sub>)****(Sheet 3 of 3)**

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
<b>1. Energy</b>	12.84	12.90	12.24	-58.65
A. Fuel Combustion (Sectoral Approach)	4.56	4.62	3.96	-65.48
1. Energy Industries	0.10	0.11	0.10	35.48
2. Manufacturing Industries and Construction	0.35	0.37	0.35	-6.95
3. Transport	1.21	1.14	1.07	-78.28
4. Other Sectors	2.89	3.00	2.44	-59.91
5. Other	0.01	0.01	0.01	-32.58
B. Fugitive Emissions from Fuels	8.29	8.28	8.28	-54.33
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	8.29	8.28	8.28	-54.33
<b>2. Industrial Processes</b>	0.38	0.40	0.41	-10.51
A. Mineral Products	NA, NO	NA, NO	NA, NO	0.00
B. Chemical Industry	0.38	0.40	0.41	-10.51
C. Metal Production	NA, NO	NA, NO	NA, NO	0.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
<b>3. Solvent and Other Product Use</b>				
<b>4. Agriculture</b>	151.18	150.81	150.43	-4.48
A. Enteric Fermentation	120.33	119.87	119.48	-4.79
B. Manure Management	30.85	30.94	30.94	-3.24
C. Rice Cultivation	NA, NO	NA, NO	NA, NO	0.00
D. Agricultural Soils	NO	NO	NO	0.00
E. Prescribed Burning of Savannas	NA	NA	NA	0.00
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	0.00
G. Other	NO	NO	NO	0.00
<b>5. Land Use, Land-Use Change and Forestry</b>	0.01	0.01	0.06	-84.85
A. Forest Land	0.01	0.01	0.06	-84.85
B. Cropland	NO	NO	NO	0.00
C. Grassland	NO	NO	NO	0.00
D. Wetlands	NE, NO	NE, NO	NE, NO	0.00
E. Settlements	NE, NO	NE, NO	NE, NO	0.00
F. Other Land	NE, NO	NE, NO	NE, NO	0.00
G. Other	NE	NE	NE	0.00
<b>6. Waste</b>	15.98	15.28	14.72	-58.05
A. Solid Waste Disposal on Land	10.09	9.43	8.61	-73.74
B. Waste-water Handling	0.38	0.43	0.48	115.59
C. Waste Incineration	0.61	0.61	0.61	-10.78
D. Other	4.91	4.81	5.04	253.18
<b>7. Other (as specified in the summary table in CRF)</b>	0.03	0.03	0.03	3.88
<b>Total CH<sub>4</sub> emissions including CH<sub>4</sub> from LULUCF</b>	180.42	179.42	177.89	-20.25
<b>Total CH<sub>4</sub> emissions excluding CH<sub>4</sub> from LULUCF</b>	180.41	179.41	177.83	-20.13
<b>Memo Items:</b>				
<b>International Bunkers</b>	0.06	0.06	0.07	-21.82
Aviation	0.06	0.06	0.07	-21.67
Marine	0.00	0.00	0.00	-48.78
<b>Multilateral Operations</b>	NO	NO	NO	0.00
<b>CO<sub>2</sub> Emissions from Biomass</b>				

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

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

Custom Footnotes

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

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
<b>1. Energy</b>	0.91	0.99	1.04	1.03	1.07	1.11	1.17	1.20	1.22
A. Fuel Combustion (Sectoral Approach)	0.91	0.99	1.04	1.03	1.07	1.11	1.17	1.19	1.22
1. Energy Industries	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.24	0.27
2. Manufacturing Industries and Construction	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
3. Transport	0.47	0.53	0.59	0.58	0.61	0.63	0.67	0.69	0.69
4. Other Sectors	0.18	0.19	0.19	0.18	0.17	0.18	0.19	0.18	0.18
5. Other	0.01	0.01	0.01	0.01	0.01	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
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
<b>2. Industrial Processes</b>	0.22	0.20	0.17	0.17	0.20	0.19	0.19	0.16	0.17
A. Mineral Products	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Chemical Industry	0.22	0.20	0.17	0.17	0.20	0.19	0.19	0.16	0.17
C. Metal Production	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Other Production									
E. Production of Halocarbons and SF <sub>6</sub>									
F. Consumption of Halocarbons and SF <sub>6</sub>									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>3. Solvent and Other Product Use</b>	0.36	0.34	0.33	0.31	0.30	0.28	0.26	0.24	0.23
<b>4. Agriculture</b>	8.98	8.94	8.85	8.64	8.45	8.45	8.42	8.06	8.02
A. Enteric Fermentation									
B. Manure Management	1.47	1.44	1.40	1.38	1.36	1.35	1.32	1.26	1.21
C. Rice Cultivation									
D. Agricultural Soils	7.52	7.50	7.45	7.26	7.09	7.10	7.09	6.80	6.81
E. Prescribed Burning of Savannas	NA	NA	NA	NA	NA	NA	NA	NA	NA
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>5. Land Use, Land-Use Change and Forestry</b>	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02
A. Forest Land	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00
B. Cropland	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Settlements	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
F. Other Land	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE
<b>6. Waste</b>	0.68	0.69	0.69	0.68	0.69	0.69	0.70	0.70	0.71
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.60	0.61	0.61	0.60	0.61	0.60	0.60	0.60	0.61
C. Waste Incineration	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.07
D. Other	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04
<b>7. Other (as specified in the summary table in CRF)</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total N<sub>2</sub>O emissions including N<sub>2</sub>O from LULUCF</b>	11.19	11.18	11.11	10.85	10.72	10.74	10.75	10.41	10.38
<b>Total N<sub>2</sub>O emissions excluding N<sub>2</sub>O from LULUCF</b>	11.15	11.16	11.09	10.83	10.70	10.72	10.73	10.37	10.36
<b>Memo Items:</b>									
<b>International Bunkers</b>	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13
Aviation	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13
Marine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Multilateral Operations</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>CO<sub>2</sub> Emissions from Biomass</b>									

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

**Emission trends (N<sub>2</sub>O)**  
**(Sheet 2 of 3)**

CRF: Submission 2014 v2.1, SWITZERLAND

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
<b>1. Energy</b>	1.25	1.25	1.24	1.22	1.19	1.02	1.00	0.99	0.95	0.95
A. Fuel Combustion (Sectoral Approach)	1.25	1.25	1.24	1.22	1.19	1.02	1.00	0.99	0.95	0.95
1. Energy Industries	0.30	0.33	0.36	0.39	0.40	0.40	0.39	0.41	0.38	0.36
2. Manufacturing Industries and Construction	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
3. Transport	0.69	0.67	0.62	0.57	0.53	0.35	0.34	0.31	0.32	0.33
4. Other Sectors	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.15	0.16
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
<b>2. Industrial Processes</b>	0.18	0.19	0.20	0.21	0.19	0.20	0.17	0.19	0.19	0.22
A. Mineral Products	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Chemical Industry	0.18	0.19	0.20	0.21	0.19	0.20	0.17	0.19	0.19	0.22
C. Metal Production	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
D. Other Production										
E. Production of Halocarbons and SF <sub>6</sub>										
F. Consumption of Halocarbons and SF <sub>6</sub>										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>3. Solvent and Other Product Use</b>	0.21	0.19	0.17	0.17	0.17	0.17	0.17	0.16	0.15	0.15
<b>4. Agriculture</b>	7.92	7.90	8.00	7.96	7.80	7.80	7.79	7.76	7.86	7.89
A. Enteric Fermentation										
B. Manure Management	1.17	1.13	1.10	1.06	1.05	1.03	1.03	1.03	1.02	1.06
C. Rice Cultivation										
D. Agricultural Soils	6.75	6.77	6.91	6.89	6.75	6.76	6.75	6.74	6.84	6.83
E. Prescribed Burning of Savannas	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>5. Land Use, Land-Use Change and Forestry</b>	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.01
A. Forest Land	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
B. Cropland	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
C. Grassland	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Wetlands	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Settlements	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
F. Other Land	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
G. Other	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<b>6. Waste</b>	0.71	0.73	0.73	0.74	0.76	0.78	0.78	0.79	0.81	0.83
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.60	0.62	0.61	0.61	0.62	0.63	0.63	0.64	0.66	0.67
C. Waste Incineration	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.09
D. Other	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07
<b>7. Other (as specified in the summary table in CRF)</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total N<sub>2</sub>O emissions including N<sub>2</sub>O from LULUCF</b>	10.28	10.29	10.37	10.32	10.14	9.97	9.92	9.92	9.98	10.05
<b>Total N<sub>2</sub>O emissions excluding N<sub>2</sub>O from LULUCF</b>	10.27	10.27	10.36	10.30	10.12	9.96	9.90	9.90	9.97	10.03
<b>Memo Items:</b>										
<b>International Bunkers</b>	0.14	0.15	0.14	0.13	0.12	0.11	0.11	0.12	0.13	0.14
Aviation	0.14	0.15	0.14	0.13	0.12	0.11	0.11	0.12	0.12	0.13
Marine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Multilateral Operations</b>	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>CO<sub>2</sub> Emissions from Biomass</b>										

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

**Emission trends (N<sub>2</sub>O)**  
**(Sheet 3 of 3)**

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
<b>1. Energy</b>	0.92	0.92	0.86	-5.98
A. Fuel Combustion (Sectoral Approach)	0.91	0.92	0.86	-6.08
1. Energy Industries	0.33	0.32	0.29	77.24
2. Manufacturing Industries and Construction	0.09	0.09	0.09	8.51
3. Transport	0.33	0.33	0.33	-30.43
4. Other Sectors	0.16	0.17	0.14	-23.09
5. Other	0.00	0.00	0.00	-47.42
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	40.78
1. Solid Fuels	NA, NO	NA, NO	NA, NO	0.00
2. Oil and Natural Gas	0.00	0.00	0.00	40.78
<b>2. Industrial Processes</b>	0.19	0.19	0.17	-20.56
A. Mineral Products	NA, NO	NA, NO	NA, NO	0.00
B. Chemical Industry	0.19	0.19	0.17	-20.56
C. Metal Production	NA, NO	NA, NO	NA, NO	0.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
<b>3. Solvent and Other Product Use</b>	0.14	0.15	0.14	-59.91
<b>4. Agriculture</b>	7.80	8.00	7.89	-12.22
A. Enteric Fermentation				
B. Manure Management	1.07	1.08	1.09	-26.01
C. Rice Cultivation				
D. Agricultural Soils	6.73	6.92	6.80	-9.53
E. Prescribed Burning of Savannas	NA	NA	NA	0.00
F. Field Burning of Agricultural Residues	NA, NO	NA, NO	NA, NO	0.00
G. Other	NO	NO	NO	0.00
<b>5. Land Use, Land-Use Change and Forestry</b>	0.01	0.01	0.01	-57.81
A. Forest Land	0.00	0.00	0.00	-85.06
B. Cropland	0.01	0.01	0.01	-34.51
C. Grassland	NO	NO	NO	0.00
D. Wetlands	NE, NO	NE, NO	NE, NO	0.00
E. Settlements	NE, NO	NE, NO	NE, NO	0.00
F. Other Land	NE, NO	NE, NO	NE, NO	0.00
G. Other	NE	NE	NE	0.00
<b>6. Waste</b>	0.84	0.85	0.86	26.01
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.67	0.68	0.68	14.35
C. Waste Incineration	0.09	0.10	0.10	50.53
D. Other	0.07	0.07	0.08	311.59
<b>7. Other (as specified in the summary table in CRF)</b>	0.00	0.00	0.00	0.00
<b>Total N2O emissions including N2O from LULUCF</b>	9.91	10.13	9.93	-11.20
<b>Total N2O emissions excluding N2O from LULUCF</b>	9.89	10.11	9.92	-11.06
<b>Memo Items:</b>				
<b>International Bunkers</b>	0.13	0.14	0.15	51.01
Aviation	0.13	0.14	0.15	52.94
Marine	0.00	0.00	0.00	-48.54
<b>Multilateral Operations</b>	NO	NO	NO	0.00
<b>CO2 Emissions from Biomass</b>				

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

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

Custom Footnotes

Table 1(d)

CHE\_BR1\_v1.0

**Emission trends (HFCs, PFCs and SF<sub>6</sub>)**

(Sheet 1 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year <sup>a</sup>	1991	1992	1993	1994	1995	1996	1997	1998
	kt	kt	kt	kt	kt	kt	kt	kt	kt
<b>Emissions of HFCsc - (kt CO<sub>2</sub> eq)</b>	0.02	0.25	6.57	14.59	33.74	180.75	227.01	300.12	356.24
HFC-23	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	0.00	0.00
HFC-32	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00
HFC-41	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-43-10mee	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-125	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.01	0.01	0.01
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.00	0.00	0.00	0.01	0.02	0.12	0.13	0.17	0.20
HFC-152a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.03	0.04	0.04	0.04
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	0.00	0.00	0.00	0.00	0.01	0.01	0.01
HFC-227ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	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 <sub>2</sub> eq)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
<b>Emissions of PFCsc - (kt CO<sub>2</sub> eq)</b>	100.21	84.70	69.26	29.69	17.66	14.69	17.20	20.04	22.83
CF <sub>4</sub>	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
C <sub>2</sub> F <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C <sub>3</sub> F <sub>8</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C <sub>4</sub> F <sub>10</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C <sub>4</sub> F <sub>8</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C <sub>5</sub> F <sub>12</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C <sub>6</sub> F <sub>14</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of listed PFCs(4) - (Gg CO <sub>2</sub> equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
<b>Emissions of SF<sub>6</sub>(3) - (Gg CO<sub>2</sub> equivalent)</b>	143.62	145.92	148.21	126.35	112.04	97.73	94.42	130.61	160.18
SF <sub>6</sub>	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01

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

Table 1(d)

CHE\_BR1\_v1.0

**Emission trends (HFCs, PFCs and SF<sub>6</sub>)**

(Sheet 2 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

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
<b>Emissions of HFCsc - (kt CO<sub>2</sub> eq)</b>	418.70	498.54	593.71	635.19	707.87	818.16	900.68	926.36	960.23	1,025.58
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	0.01	0.01	0.01	0.01	0.01	0.01	0.02	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	0.00	0.00	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00
HFC-125	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.21	0.24	0.27	0.29	0.31	0.35	0.37	0.36	0.37	0.38
HFC-152a	0.04	0.04	0.04	0.05	0.02	0.02	0.02	0.02	0.01	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	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.06	0.07
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	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of listed HFCsd - (kt CO <sub>2</sub> eq)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
<b>Emissions of PFCsc - (kt CO<sub>2</sub> eq)</b>	35.88	69.09	45.22	40.29	57.01	52.53	32.88	32.36	28.86	39.06
CF <sub>4</sub>	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C <sub>2</sub> F <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C 3F8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C <sub>4</sub> F <sub>10</sub>	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	NA, NO	NA, NO	NA, NO	NA, NO
c-C <sub>4</sub> F <sub>8</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.00
C <sub>3</sub> F <sub>12</sub>	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C <sub>6</sub> F <sub>14</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unspecified mix of listed PFCs(4) - (Gg CO <sub>2</sub> equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
<b>Emissions of SF<sub>6</sub>(3) - (Gg CO<sub>2</sub> equivalent)</b>	146.90	157.79	157.09	168.27	174.06	189.84	212.99	200.87	185.75	244.72
SF <sub>6</sub>	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

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

**Emission trends (HFCs, PFCs and SF<sub>6</sub>)**

(Sheet 3 of 3)

CRF: Submission 2014 v2.1, SWITZERLAND

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
<b>Emissions of HFCsc - (kt CO<sub>2</sub> eq)</b>	1,065.13	1,119.04	1,171.45	5,199,794.5 9
HFC-23	0.00	0.00	0.00	100.00
HFC-32	0.02	0.02	0.03	100.00
HFC-41	NA, NO	NA, NO	NA, NO	0.00
HFC-43-10mee	0.00	0.00	0.00	100.00
HFC-125	0.09	0.10	0.09	100.00
HFC-134	NA, NO	NA, NO	NA, NO	0.00
HFC-134a	0.37	0.40	0.47	2,726,132.6 5
HFC-152a	0.00	0.00	0.00	100.00
HFC-143	NA, NO	NA, NO	NA, NO	0.00
HFC-143a	0.08	0.08	0.07	100.00
HFC-227ea	0.00	0.00	0.00	100.00
HFC-236fa	NA, NO	NA, NO	NA, NO	0.00
HFC-245ca	NA, NO	NA, NO	NA, NO	0.00
Unspecified mix of listed HFCsd - (kt CO <sub>2</sub> eq)	NA, NO	NA, NO	NA, NO	0.00
<b>Emissions of PFCsc - (kt CO<sub>2</sub> eq)</b>	35.17	36.71	39.36	-60.72
CF <sub>4</sub>	0.00	0.00	0.00	-73.96
C <sub>2</sub> F <sub>6</sub>	0.00	0.00	0.00	-78.63
C <sub>3</sub> F <sub>8</sub>	0.00	0.00	0.00	15,376.25
C <sub>4</sub> F <sub>10</sub>	NA, NO	NA, NO	NA, NO	0.00
c-C <sub>4</sub> F <sub>8</sub>	0.00	0.00	0.00	100.00
C <sub>5</sub> F <sub>12</sub>	NA, NO	NA, NO	NA, NO	0.00
C <sub>6</sub> F <sub>14</sub>	0.00	0.00	0.00	100.00
Unspecified mix of listed PFCs(4) - (Gg CO <sub>2</sub> equivalent)	NA, NO	NA, NO	NA, NO	0.00
<b>Emissions of SF<sub>6</sub>(3) - (Gg CO<sub>2</sub> equivalent)</b>	187.12	154.77	164.37	14.45
SF <sub>6</sub>	0.01	0.01	0.01	14.45

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

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

<sup>c</sup>Enter actual emissions estimates. If only potential emissions estimates are available, these should be reported in this table and an indication for this be provided in the documentation box. Only in these rows are the emissions expressed as CO<sub>2</sub> equivalent emissions.

<sup>d</sup>In accordance with the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories", HFC and PFC emissions should be reported for each relevant chemical. However, if it is not possible to report values for each chemical (i.e. mixtures, confidential data, lack of disaggregation), this row could be used for reporting aggregate figures for HFCs and PFCs, respectively. Note that the unit used for this row is kt of CO<sub>2</sub> equivalent and that appropriate notation keys should be entered in the cells for the individual chemicals.)

**Custom Footnotes**

**Documentation Box:**

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Table 2(a)

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

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

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

<sup>b</sup> Optional.

**Description of quantified economy-wide emission reduction target: gases and sectors covered<sup>a</sup>**

<i>Gases covered</i>		<i>Base year for each gas (year):</i>
CO <sub>2</sub>		1990
CH <sub>4</sub>		1990
N <sub>2</sub> O		1990
HFCs		1990
PFCs		1990
SF <sub>6</sub>		1990
NF <sub>3</sub>		1990
Other Gases (specify)		
Sectors covered <sup>b</sup>	Energy	Yes
	Transport <sup>f</sup>	Yes
	Industrial processes <sup>g</sup>	Yes
	Agriculture	Yes
	LULUCF	Yes
	Waste	Yes
	Other Sectors (specify)	
	Other	No

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

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

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

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

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

**Description of quantified economy-wide emission reduction target: global warming potential values (GWP)<sup>a</sup>**

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

*Abbreviations* : GWP = global warming potential

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

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

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

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

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

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

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

<i>Market-based mechanisms under the Convention</i>	<i>Possible scale of contributions (estimated kt CO<sub>2</sub> eq)</i>
CERs	NE
ERUs	NE
AAUs <sup>i</sup>	NE
Carry-over units <sup>j</sup>	NE
Other mechanism units under the Convention (specify) <sup>d</sup>	

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

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

<sup>d</sup> As indicated in paragraph 5(e) of the guidelines contained in annex I of decision 2/CP.17 .

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

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

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

<i>Other market-based mechanisms</i>	<i>Possible scale of contributions</i>
<i>(Specify)</i>	<i>(estimated kt CO<sub>2</sub> eq)</i>

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

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

Switzerland will use carbon credits generated from the flexible mechanisms under the Kyoto Protocol (CERs and ERUs) and from the new market-based mechanisms under the Convention to reduce its emissions over the period 2013-2020. The exact amount of carbon credits is not yet known. The revised CO2 Act for the 2013-2020 period defines Switzerland's -20% target as domestic, however carbon credits will play a role in the case of fossil fuel thermal power plants, the ETS, companies exempted from the CO2 levy that are not participating in the ETS, as well as in the sanction mechanism. Furthermore, Switzerland will use additional carbon credits recognized under the Kyoto Protocol to meet the difference between the approach used under the national legislation (i.e. emission reduction target defined for the year 2020) and the one of the Kyoto Protocol (i.e. "carbon budget" approach used to calculate the QELRC). Under the Kyoto Protocol, Switzerland does not plan to buy Assigned Amount Units (AAUs) from other countries but does not exclude the use of AAUs from other countries through the linking of its emission trading scheme (ETS) with other schemes. Switzerland may use a limited amount of its own carried-over AAUs. For a possibly higher target than -20% by 2020 compared to 1990, in addition to the carbon credits that will be used for achieving the -20% target, carbon credits will also be used by Switzerland for maximum three fourth of the additional emission reductions beyond the -20% target by 2020 compared to 1990, as planned in the CO2 Act for the 2013-2020 period.

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

<sup>b</sup> 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**

Emission reductions target (% of 1990):&nbsp;The target is at least 20%, and could be increased up to 30%.

Table 3

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

Name of mitigation action <sup>a</sup>	Sector(s) affected <sup>b</sup>	GHG(s) affected	Objective and/or activity affected	Type of instrument <sup>c</sup>	Status of implementation <sup>d</sup>	Brief description <sup>e</sup>	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO <sub>2</sub> eq)	
									2015	2020
First CO2 Act	Energy, Transport, Industry/industrial processes	CO <sub>2</sub>	- 10% CO <sub>2</sub> attributable to the use of fossil fuels as energy sources, over the period 2008 - 2012	Other (Other (Legal basis))	Implemented	The CO2 Act is the legal centrepiece of Swiss climate policy. It contains policies and measures to reach the set targets.	2000	FOEN	NA	NA
Revised CO2 Act	Energy, Transport, Industry/industrial processes	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, NF <sub>3</sub> , PFCs, SF <sub>6</sub>	- 20% emissions by 2020 in comparison to 1990; 40% reduction in the building sector; 10% reduction in the transport sector; 15% reduction in the industrial sector.	Other (Other (Legal basis))	Implemented	The CO2 Act is the legal centrepiece of Swiss climate policy. It contains policies and measures to reach the set targets.	2013	FOEN	NA	NA
Emissions trading scheme (cap and trade)	Energy, Industry/industrial processes	CO <sub>2</sub> , N <sub>2</sub> O, PFCs	Using market mechanisms to achieve greenhouse gas emissions reductions	Economic	Implemented	Tradeable emission allowances issued every year to the companies participating in the ETS and giving companies the possibility to avoid the CO2 levy.	2008	FOEN	0.40	0.80
Inclusion of aviation in an ETS	Transport	CO <sub>2</sub>	Limit CO2 emissions of international aviation	Other (Market based)	Planned	Inclusion of aviation into the ETS is part of the current Swiss-EU negotiations for linking the respective ETS.	2016	FOCA, FOEN	NA	NA
Use of the flexible mechanisms of the Kyoto Protocol	Energy, Transport, Industry/industrial processes	CH <sub>4</sub> , CO <sub>2</sub> , HFCs, N <sub>2</sub> O, NF <sub>3</sub> , PFCs, SF <sub>6</sub>	Using market mechanisms to help achieving emission reduction targets at least cost	Economic	Implemented	Surrendering emission reduction certificates to comply with negotiated agreements	2008	Entities according to the Kyoto Protocol; FOEN	NE	NE
CO2 levy	Energy, Industry/industrial processes	CO <sub>2</sub>	Promotion of energy efficiency and less CO2 intensive energy sources. Reduce use of fossil heating fuels	Other (Fiscal)	Implemented	Incentive levy on fossil heating fuels in order to improve energy efficiency, use of low-carbon or carbonfree energy sources. Most of the revenues from the CO2 levy is redistributed to households and industry.	2008	FOEN	0.80	2.00
National building refurbishment programme (Part A)	Energy	CO <sub>2</sub>	Refurbishing existing building envelope to reduce CO2 emissions	Other (Other (other (incentive and subvention)))	Implemented	The national building programme (Part A and Part B) increases the energy efficiency of buildings and promotes the use of renewable energies in the building sector. It is financed by one third of the revenue from the CO2 levy.	2010	FOEN, SFOE	0.40	0.90
National building refurbishment programme (Part B)	Energy	CO <sub>2</sub>	Promotion of renewable energy, energy recuperation and optimization of building services	Other (Other (other (incentive and subvention)))	Implemented	The national building programme (Part A and Part B) increases the energy efficiency of buildings and promotes the use of renewable energies in the building sector. It is financed by one third of the revenue from the CO2 levy.	2010	SFOE, FOEN, Cantons	0.80	2.00
Cantonal building programme	Energy	CO <sub>2</sub>	Promotion of renewable energy, energy recuperation and optimization of building services	Other (Other (other (incentive and subvention)))	Implemented	Supplementary to the national building refurbishment programme (Part B)	2010	Cantons / SFOE	0.07	0.07
Building codes with the Cantons	Energy	CO <sub>2</sub>	Reduction of energy consumption of buildings	Regulatory	Implemented	The MuKEN constitutes a set of common energy and insulation standards to reduce energy consumption of buildings. Further developed in 2000 and 2008. MuKEN = Model instructions of the cantons in the energy sector.	1992	Cantons in coordination with SFOE	1.10	1.75



Table 3

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

Name of mitigation action <sup>a</sup>	Sector(s) affected <sup>b</sup>	GHG(s) affected	Objective and/or activity affected	Type of instrument <sup>c</sup>	Status of implementation <sup>d</sup>	Brief description <sup>e</sup>	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO <sub>2</sub> eq)	
									2015	2020
Climate Cent	Transport	CO <sub>2</sub>	CO2 emissions reductions in Switzerland and abroad	Other (Voluntary Agreement)	Implemented	The Climate Cent Foundation is a voluntary measure of Swiss industry and aimed at efficient climate protection. It has committed vis-à-vis the Swiss Confederation to reducing 17 million tonnes of CO2 over the period 2008-2012, of which at least 2 million tonnes within Switzerland. The Climate Cent (0.015CHF/litre) was levied between 2008 and 2012 on fossil transport fuels.	2005	Climate Cent Foundation	NA	NA
Obligation for compensation for transport fossil fuel importers	Transport	CO <sub>2</sub>	Offset part of the CO2 emissions caused by the use of transport fuels	Other (Economic)	Implemented	The CO2 Act gives the Federal Council the competence to fix the share of transport emissions to be offset between 5% and 40%. However, the share has been fixed to 0% in 2013 and will gradually increase to 10% by 2020.	2013	FOEN	0.30	1.50
CO2 emissions regulations for new passenger cars	Transport	CO <sub>2</sub>	Reduction of average fuel consumption of new cars	Regulatory	Implemented	Obligation for car importers to reduce average emissions of new cars. The first target has been set at 130g CO2 /km by 2015	2012	SFOE, FEDRO	0.70	0.70
Obligation to offset emissions from gas fired combined cycle power plants	Transport	CO <sub>2</sub>	Offset CO2 emissions from gas fired combined cycle power plants	Regulatory	Implemented	Obligation to compensate domestically the emissions to at least 70% until 2011, then the possibility to use the flexible mechanisms has been raised from 30 to 50% in 2011.	2008	FOEN	0.75	0.75
Energy strategy 2050	Energy	CO <sub>2</sub>	Reduce energy consumption, increase energy efficiency, expand hydropower and new renewables	Regulatory Economic Other (other (incentive and subvention))	Planned	Long-term energy policy. Initial package of measures focussing on the consistent exploitation of the existing energy efficiency potentials and on the balanced utilisation of the potentials of hydropower and new renewable energy sources.	2016	Mainly SFOE, FOEN, cantons	NA	NA
Programme Swiss Energy	Energy	CO <sub>2</sub>	Reduction of fossil fuel use and CO2 emissions by increasing energy efficiency and the use of renewable energy		Implemented	Sector specific targets. This Programme will be reinforced within the Energy strategy 2050.	2001	SFOE	NA	NA
Cleantech Masterplan	Energy	CO <sub>2</sub>	Increase energy efficiency and renewable energy	Voluntary Agreement	Planned	The Cleantech Masterplan seeks to increase the innovative capacity of Swiss cleantech companies by encouraging close cooperation between scientific, business, government and political stakeholders.	2011	SERI, SECO, SFOE, FOEN, cantons, economy, science	NA	NA
Aircraft engine emissions charges	Transport	Other (Ozone)	Reduction of local and cruise NOx emissions	Other (Market based)	Implemented	The portion of the landing fees which is attributed to emission charges is used for measures to reduce local air pollution at airports.	1997, reinforced 2010	FOCA, Major Swiss airports	NA	NA
Increase of aircraft engine NOx stringency	Transport	Other (Ozone)	Reduction of local and cruise NOx emissions	Other (Regulatory)	Implemented	New NOx regulatory limit.	2011	ICAO, EASA, FOCA	NA	NA
Introduction of particle mass and number standard for aircraft engines	Transport	Other (Soot & contrails)	Reduction of nano-sized soot	Other (Regulatory)	Planned	Engine certification requirement. Estimated cost for regulation paid by governments and industry: > 20 Mio. US\$	2016	ICAO, EASA, FOCA	NA	NA
Heavy vehicle fee (HVF)	Transport	CO <sub>2</sub>	Reduction of transalpine traffic, increase of transport rates on rail and limited increase in heavy vehicles on the road. Internalization of external costs.	Fiscal Economic Other (planning)	Implemented	The HVF applies to heavy-goods vehicles with a permissible laden weight exceeding 3.5 tonnes	2001	ARE, FEDRO	0.16	0.18

Table 3

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

Name of mitigation action <sup>a</sup>	Sector(s) affected <sup>b</sup>	GHG(s) affected	Objective and/or activity affected	Type of instrument <sup>c</sup>	Status of implementation <sup>d</sup>	Brief description <sup>e</sup>	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO <sub>2</sub> eq)	
									2015	2020
EURO emission standards	Transport	Other (nitrogen oxides (NOx), total hydrocarbon (THC), non-methane hydrocarbons (NMHC), carbon monoxide (CO) and particulate matter (PM))	reduction of air pollutants	Other (Technology)	Implemented	The Euro emission standards define the acceptable limits for exhaust emissions of new vehicles sold in EU member states. These are regularly reinforced.	1974	FEDRO	NE	NE
Mineral oil tax reduction on biofuels and natural gas	Transport	CO <sub>2</sub>	CO <sub>2</sub> -emission reduction	Fiscal	Implemented	Tax incentives for low carbon transport fuels if compliant with ecological and social minimum standards	2008	FCA in collab. with FOEN (ecological minimum standards) and SECO (social minimum standards)	0.10	0.10
Energy label for new motor vehicles	Transport	CO <sub>2</sub>	This label is intended to support efforts aimed at reducing the average fuel consumption of motor cars.	Information/Other (market based) Regulatory	Implemented	It provides information about the fuel consumption (litres per 100 kilometres) and CO <sub>2</sub> emissions (in grams per kilometre) in relation to the unladen weight of the vehicle.	2003	SFOE, FOEN	IE	IE
Ordinance on Chemical Risk Reduction	Industry/industrial processes	HFCs, PFCs, SF <sub>6</sub> , Other (CFCs)	Reduction in use and emissions of synthetic GHGs in all main sectors	Regulatory	Implemented	It regulates substances and preparations that may endanger people or the environment	2003	FOEN, cantons		
		HFCs			Implemented				500.00	600.00
		PFCs			Implemented				10.00	16.00
		SF <sub>6</sub>			Implemented				300.00	375.00
Ecological standards (Proof of Ecological Performance)	Agriculture	CH <sub>4</sub> , N <sub>2</sub> O, CO <sub>2</sub>	Improve ecological performance	Other (Regulatory)	Implemented	Requirement for direct payments are based on appropriate soil nutrient balance, suitable proportion of ecological compensation areas, crop rotation system, soil protection, selective application of crop protection agents, animal welfare requirements	Early 1990th, continual development and improvement	Federal Office for Agriculture FOAG	NE	NE
Resource program (AP 2011; AP 2014-17)	Agriculture	CH <sub>4</sub> , N <sub>2</sub> O, CO <sub>2</sub>	Efficient use of natural resources	Other (Other (voluntary participation))	Implemented	Subsidizing measures for more efficient use of natural resources	2008	Federal Office for Agriculture FOAG	NE	NE
Modifications in direct payments system (AP14-17)	Agriculture	CH <sub>4</sub> , N <sub>2</sub> O, CO <sub>2</sub>	Progress in areas of sustainability	Other (Regulatory)	Implemented	Abolition of unspecific direct payments (livestock subsidies, general acreage payments); promotion of environmental-friendly production systems, efficient use of natural resources	2014	Federal Office for Agriculture FOAG	NE	NE
Climate Strategy Agriculture	Agriculture	CH <sub>4</sub> , N <sub>2</sub> O, CO <sub>2</sub>	Mitigation of climate change, adaptation	Other (Other (declaration of intent))	Implemented	Declaration of intent to reduce emissions by one third with technical, operational and organizational measures and by one third with measures influencing food consumption and production. Framework for the implementation of specific future measures.	2011	Federal Office for Agriculture FOAG	NE	NE
Forest area conservation	Forestry/LULUCF	CO <sub>2</sub>	The forest area cannot decrease.	Regulatory	Implemented	No deforestation without replacement by afforestation of the same area	1876	FOEN and cantonal forest services	NE	NE
Sustainable forest management	Energy, Forestry/LULUCF	CO <sub>2</sub>	Sustainable forest management,	Regulatory	Implemented	Harvesting volumes shall not exceed growth increment in the forests	1993	FOEN and cantonal forest services	NE	NE

Table 3

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

Name of mitigation action <sup>a</sup>	Sector(s) affected <sup>b</sup>	GHG(s) affected	Objective and/or activity affected	Type of instrument <sup>c</sup>	Status of implementation <sup>d</sup>	Brief description <sup>e</sup>	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO <sub>2</sub> eq)	
									2015	2020
Wood action plan	Energy, Forestry/LULUCF	CO <sub>2</sub>	Ecologically and economically effective use of wood	Information	Implemented	Increase of harvesting; sustainable harvestable wood harvest potential shall be exhausted; (8.2*106 m <sup>3</sup> /a)	2009	FOEN and forest industry	0.80	1.20
Measures taken within Forest Policy 2020	Energy, Forestry/LULUCF	CO <sub>2</sub>	Ensuring sustainable forest management and creating favorable conditions for an efficient and innovative forestry and wood industry.	Regulatory	Implemented	The sustainable harvestable wood harvest potential shall be exhausted (8.2*106 m <sup>3</sup> /a); mitigation of climate change (exploitation of increment, increasing substitution effect)	2011	FOEN and cantonal forest services	0.80	1.20
CO2-ordinance	Waste management/waste	CO <sub>2</sub>	Reduction of CO <sub>2</sub> output	Regulatory	Implemented	Submission of MSWI to emission trade or to an agreement on goals of the reduction of CO <sub>2</sub> -output	2013	FOEN	NE	NE
Environmental Protection Act (EPA)	Waste management/waste	CO <sub>2</sub>	Reduce emissions from waste incineration	Regulatory	Implemented	waste recycling	1997	FOEN	NE	NE
Technical ordinance on waste (TOW)	Waste management/waste	CH <sub>4</sub> , CO <sub>2</sub>	Reduction of methane emissions	Regulatory	Implemented	interdiction of landfilling of combustible waste	2000	FOEN	0.16	0.18
MSWI-Climate-Charta	Waste management/waste	CO <sub>2</sub>	Minimise emissions of pollutants, optimisation of energy production	Voluntary Agreement	Implemented	Clean production of district heat and electricity and recovery of metals from incineration residues	2012	Association of MSWI-operators (VBSA)	NE	NE
Exemption from CO <sub>2</sub> levy without participation in the ETS	Energy, Industry/industrial processes	CO <sub>2</sub> , N <sub>2</sub> O, PFCs	Emission reduction targets in order to obtain exemption from CO <sub>2</sub> levy.	Economic	Implemented	Binding agreement to reduce emissions in industry	2008	FOEN (with SFOE support), targets developed with third parties	0.53	0.53
Voluntary agreements with trade & industry	Energy, Industry/industrial processes	CO <sub>2</sub>	Emission reductions to comply with CO <sub>2</sub> and Energy Act. Voluntary agreements without exemption from CO <sub>2</sub> levy.	Voluntary Agreement	Implemented	Binding agreement to improve energy efficiency and / or CO <sub>2</sub> emissions.	2000	SFOE, FOEN	NE	NE

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

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

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

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

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

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

<sup>e</sup> Additional information may be provided on the cost of the mitigation actions and the relevant timescale.

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

**Custom Footnotes**

**Reporting on progress<sup>a, b</sup>**

<i>Year<sup>c</sup></i>	<i>Total emissions excluding LULUCF</i>	<i>Contribution from LULUCF<sup>d</sup></i>	<i>Quantity of units from market based mechanisms under the Convention</i>		<i>Quantity of units from other market based mechanisms</i>	
	<i>(kt CO<sub>2</sub> eq)</i>	<i>(kt CO<sub>2</sub> eq)</i>	<i>(number of units)</i>	<i>(kt CO<sub>2</sub> eq)</i>	<i>(number of units)</i>	<i>(kt CO<sub>2</sub> eq)</i>
(1990)	52.79	NA	NA	NA	NA	NA
2008	53,826.70	1,297.39	NE	NE	NA	NA
2009	52,490.59	1,971.48	NE	NE	NA	NA
2010	54,240.18	2,675.27	NE	NE	NA	NA
2011	50,149.22	-2,722.33	NE, NO	NE, NO		
2012	NA	NA	NE, NO	NE, NO		

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

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

<sup>b</sup> For the base year, information reported on the emission reduction target shall include the following: (a) total GHG emissions, excluding emissions and removals from the LULUCF sector; (b) emissions and/or removals from the LULUCF sector based on the accounting approach applied taking into consideration any relevant decisions of the Conference of the Parties and the activities and/or land that will be accounted for; (c) total GHG emissions, including emissions and removals from the LULUCF sector. For each reported year, information reported on progress made towards the emission reduction targets shall include, in addition to the information noted in paragraphs 9(a--c) of the UNFCCC biennial reporting guidelines for developed country Parties, information on the use of units from market-based mechanisms.

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

<sup>d</sup> 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**

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

	<i>Net GHG emissions/removals from LULUCF categories<sup>c</sup></i>	<i>Base year/period or reference level value<sup>d</sup></i>	<i>Contribution from LULUCF for reported year</i>	<i>Cumulative contribution from LULUCF<sup>e</sup></i>	<i>Accounting approach<sup>f</sup></i>
	<i>(kt CO<sub>2</sub> eq)</i>				
Total LULUCF	NA	NA	NA	NA	Activity-based approach
A. Forest land	NA	NA	NA	NA	Activity-based approach
1. Forest land remaining forest land	NA	NA	NA	NA	Activity-based approach
2. Land converted to forest land	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
B. Cropland	NA	NA	NA	NA	Activity-based approach
1. Cropland remaining cropland	NA	NA	NA	NA	Activity-based approach
2. Land converted to cropland	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
C. Grassland	NA	NA	NA	NA	Activity-based approach
1. Grassland remaining grassland	NA	NA	NA	NA	Activity-based approach
2. Land converted to grassland	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
D. Wetlands	NA	NA	NA	NA	Activity-based approach
1. Wetland remaining wetland	NA	NA	NA	NA	Activity-based approach
2. Land converted to wetland	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
E. Settlements	NA	NA	NA	NA	Activity-based approach
1. Settlements remaining settlements	NA	NA	NA	NA	Activity-based approach
2. Land converted to settlements	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
F. Other land	NA	NA	NA	NA	Activity-based approach
1. Other land remaining other land	NA	NA	NA	NA	Activity-based approach
2. Land converted to other land	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
Harvested wood products	NA	NA	NA	NA	Activity-based approach

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

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

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

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

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

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

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

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

**Custom Footnotes**

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

	<i>Net GHG emissions/removals from LULUCF categories<sup>c</sup></i>	<i>Base year/period or reference level value<sup>d</sup></i>	<i>Contribution from LULUCF for reported year</i>	<i>Cumulative contribution from LULUCF<sup>e</sup></i>	<i>Accounting approach<sup>f</sup></i>
	<i>(kt CO<sub>2</sub> eq)</i>				
Total LULUCF	NA	NA	NA	NA	Activity-based approach
A. Forest land	NA	NA	NA	NA	Activity-based approach
1. Forest land remaining forest land	NA	NA	NA	NA	Activity-based approach
2. Land converted to forest land	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
B. Cropland	NA	NA	NA	NA	Activity-based approach
1. Cropland remaining cropland	NA	NA	NA	NA	Activity-based approach
2. Land converted to cropland	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
C. Grassland	NA	NA	NA	NA	Activity-based approach
1. Grassland remaining grassland	NA	NA	NA	NA	Activity-based approach
2. Land converted to grassland	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
D. Wetlands	NA	NA	NA	NA	Activity-based approach
1. Wetland remaining wetland	NA	NA	NA	NA	Activity-based approach
2. Land converted to wetland	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
E. Settlements	NA	NA	NA	NA	Activity-based approach
1. Settlements remaining settlements	NA	NA	NA	NA	Activity-based approach
2. Land converted to settlements	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
F. Other land	NA	NA	NA	NA	Activity-based approach
1. Other land remaining other land	NA	NA	NA	NA	Activity-based approach
2. Land converted to other land	NA	NA	NA	NA	Activity-based approach
3. Other <sup>g</sup>					Activity-based approach
Harvested wood products	NA	NA	NA	NA	Activity-based approach

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

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

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

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

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

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

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

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

**Custom Footnotes**

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

GREENHOUSE GAS SOURCE AND SINK ACTIVITIES	Base year <sup>d</sup>	Net emissions/removals <sup>e</sup>					Accounting parameters <sup>h</sup>	Accounting quantity <sup>i</sup>
		2008	2009	2010	2011	Total <sup>f</sup>		
		(kt CO <sub>2</sub> eq)						
<b>A. Article 3.3 activities</b>								
A.1. Afforestation and Reforestation							-111.08	
A.1.1. Units of land not harvested since the beginning of the commitment periodj		-23.02	-25.15	-23.67	-19.35	-91.20	-91.20	
A.1.2. Units of land harvested since the beginning of the commitment periodj							-19.89	
A.2. Deforestation		100.45	232.23	232.43	233.22	798.32	798.3236	
<b>B. Article 3.4 activities</b>								
B.1. Forest Management (if elected)		-1,374.82	-2,178.56	-2,884.02	-2,936.20	-9,373.60	-9166.66667	
3.3 offset <sup>k</sup>						687.24055	0	
FM cap <sup>l</sup>						9166.66667	-9166.66667	
B.2. Cropland Management (if elected)	0	NA	NA	NA	NA	NA	0	
B.3. Grazing Land Management (if elected)	0	NA	NA	NA	NA	NA	0	
B.4. Revegetation (if elected)	0	NA	NA	NA	NA	NA	0	

Note: 1 kt CO<sub>2</sub> eq equals 1 Gg CO<sub>2</sub> eq.

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

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

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

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

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

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

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

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

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

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

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

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

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

**Custom Footnotes**

The accounting quantity for A.1.2. is due to afforestations (CC11).

**Documentation Box:**

**Reporting on progress<sup>a, b, c</sup>**

<i>Units of market based mechanisms</i>			<i>Year</i>		
			<i>2011</i>	<i>2012</i>	
<i>Kyoto Protocol units<sup>d</sup></i>	<i>Kyoto Protocol units</i>	<i>(number of units)</i>	NE, NO	NE, NO	
		<i>(kt CO<sub>2</sub> eq)</i>	NE, NO	NE, NO	
	<i>AAUs</i>	<i>(number of units)</i>	NE	NE	
		<i>(kt CO<sub>2</sub> eq)</i>	NE	NE	
	<i>ERUs</i>	<i>(number of units)</i>	NE	NE	
		<i>(kt CO<sub>2</sub> eq)</i>	NE	NE	
	<i>CERs</i>	<i>(number of units)</i>	NE	NE	
		<i>(kt CO<sub>2</sub> eq)</i>	NE	NE	
	<i>tCERs</i>	<i>(number of units)</i>	NO	NO	
		<i>(kt CO<sub>2</sub> eq)</i>	NO	NO	
	<i>ICERs</i>	<i>(number of units)</i>	NO	NO	
		<i>(kt CO<sub>2</sub> eq)</i>	NO	NO	
	<i>Other units<sup>d,e</sup></i>	<i>Units from market-based mechanisms under the Convention</i>	<i>(number of units)</i>		
			<i>(kt CO<sub>2</sub> eq)</i>		
<i>Units from other market-based mechanisms</i>		<i>(number of units)</i>			
		<i>(kt CO<sub>2</sub> eq)</i>			
<i>Total</i>	<i>(number of units)</i>	NE, NO	NE, NO		
	<i>(kt CO<sub>2</sub> eq)</i>	NE, NO	NE, NO		

*Abbreviations* : AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, tCERs = temporary certified emission reductions.

Note: 2011 is the latest reporting year.

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

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

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

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

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

**Custom Footnotes**

To meet its commitment, Switzerland will use AAUs and RMUs that were initially allocated to Switzerland, CERs and ERUs transferred from the Climate Cent Foundation as well as CERs and ERUs surrendered by companies to meet their emission reductions under the CO<sub>2</sub> legislation. The Climate Cent Foundation will acquire a total amount of 14'000 to 15'000 kt CO<sub>2</sub> eq over the first commitment period 2008 – 2012. Companies may surrender an amount of certificates not exceeding 1'600 kt CO<sub>2</sub> eq over the period 2008 –2012. Switzerland will not use



Table 5

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

<i>Key underlying assumptions</i>		<i>Historical<sup>b</sup></i>						<i>Projected</i>			
<i>Assumption</i>	<i>Unit</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2005</i>	<i>2010</i>	<i>2011</i>	<i>2015</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>
<i>Population</i>	<i>thousands</i>	6,712.23	7,040.68	7,184.25	7,437.12	7,824.91	7,912.40	8,128.71	8,379.40	8,578.63	8,726.15
GDP	billion CHF (price 2010)	NA	NA	464.22	495.38	546.62	NA	584.20	617.91	645.60	670.50
International oil price	CHF / boe	NA	NA	57.80	69.20	79.30	NA	93.70	98.30	101.30	101.70
International oil price (WAM)	CHF / boe	NA	NA	57.80	69.20	79.30	NA	91.10	89.40	86.80	83.20
International gas price	CHF / t (price 2010)	NA	NA	231.00	339.00	321.00	NA	518.00	561.00	598.00	627.00
International gas price (WAM)	CHF / t (price 2010)	NA	NA	231.00	339.00	321.00	NA	505.00	512.00	517.00	525.00
Heating degree days		3,203.00	3,397.00	3,081.00	3,518.00	3,586.00	2,938.00	3,335.00	3,244.00	3,154.00	3,064.00
Cooling degree days		NA	NA	115.00	151.00	153.00	NA	169.00	186.00	203.00	219.00
Energy reference area	million m2	NA	NA	624.00	659.00	709.00	NA	754.00	799.00	836.00	863.00
Passenger transport	billion passenger km	94.30	93.30	100.10	106.00	114.20	NA	122.90	131.10	137.30	141.10
Passenger transport WAM	billion passenger km	94.30	93.30	100.10	106.00	114.20	NA	121.40	126.60	130.50	134.80
Passenger transport (share road to rail)	%	85.00	86.00	85.00	84.00	82.00	NA	81.00	80.00	79.00	79.00
Freight transport	billion t km	19.90	20.10	23.60	26.00	26.90	NA	30.40	34.20	37.00	39.10
Freight transport WAM	billion t km	19.90	20.10	23.60	26.00	26.90	NA	30.70	34.50	37.00	38.70
Freight transport (share road to rail)	%	58.00	60.00	58.00	61.00	63.00	NA	61.00	58.00	57.00	56.00
<i>Freight transport (share road to rail) WAM</i>	%	58.00	60.00	58.00	61.00	63.00	NA	59.00	54.00	51.00	49.00

<sup>a</sup> Parties should include key underlying assumptions as appropriate.<sup>b</sup> Parties should include historical data used to develop the greenhouse gas projections reported.**Custom Footnotes**

Table 6(a)

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

	GHG emissions and removals <sup>b</sup>							GHG emission projections	
	(kt CO <sub>2</sub> eq)							(kt CO <sub>2</sub> eq)	
	Base Year	1990	1995	2000	2005	2010	2011	2020	2030
<b>Sector<sup>d,e</sup></b>									
Energy	27,485.10	27,485.10	27,648.50	26,502.75	28,644.85	27,668.46	23,782.11	23,476.39	20,468.88
Transport	14,598.13	14,598.13	14,228.34	15,900.89	15,830.65	16,381.66	16,207.55	13,297.57	10,177.10
Industry/industrial processes	3,851.07	3,851.07	3,008.65	3,196.58	3,749.15	3,945.95	3,969.03	3,799.11	3,090.82
Agriculture	6,092.10	6,092.10	5,819.29	5,495.70	5,474.18	5,647.19	5,603.54	5,320.52	5,320.52
Forestry/LULUCF	-3,155.63	-3,155.63	-3,891.36	-1,227.06	-4,197.24	-2,404.73	-3,410.94	861.31	811.31
Waste management/waste	1,010.98	1,010.98	852.45	748.31	663.02	596.92	586.99	596.23	767.54
Other (specify)									
<b>Gas</b>									
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	41,486.83	41,486.83	39,771.34	42,787.90	42,172.07	43,619.39	38,549.06	38,970.94	32,453.59
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	44,661.01	44,661.01	43,673.22	44,020.16	46,374.09	46,028.17	41,965.61	38,679.66	32,212.31
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	4,683.49	4,683.49	4,271.87	3,915.98	3,771.83	3,767.30	3,735.04	3,568.41	3,654.87
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	4,675.30	4,675.30	4,268.61	3,915.72	3,771.48	3,767.11	3,733.80	3,566.13	3,652.59
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	3,467.55	3,467.55	3,329.50	3,187.87	3,074.18	3,138.25	3,078.99	3,475.89	3,543.84
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	3,457.19	3,457.19	3,322.22	3,182.94	3,069.75	3,134.39	3,074.62	2,908.15	2,976.10
HFCs	0.02	0.02	180.75	498.54	900.68	1,119.04	1,171.45	1,157.36	807.82
PFCs	100.21	100.21	14.69	69.09	32.88	36.71	39.36	29.50	29.49
SF <sub>6</sub>	143.62	143.62	97.73	157.79	212.99	154.77	164.37	149.03	146.54
Other (specify)	1.17	1.17	1.18	1.18	1.19	1.20	1.20	1.19	1.19
CH <sub>4</sub>	0.55	0.55	0.56	0.56	0.57	0.58	0.58	0.57	0.57
SF <sub>6</sub>	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
NF <sub>3</sub>	NA	NA	NA	NA	NA	NA	NA	NA	NA
N <sub>2</sub> O	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
HFCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Total with LULUCF<sup>f</sup></b>	49,882.89	49,882.89	47,667.06	50,618.35	50,165.82	51,836.66	46,739.47	47,352.32	40,637.34
<b>Total without LULUCF</b>	53,038.52	53,038.52	51,558.40	51,845.42	54,363.06	54,241.39	50,150.41	46,491.02	39,826.04

**Information on updated greenhouse gas projections under a ‘with measures’ scenario<sup>a</sup>**

	<i>GHG emissions and removals<sup>b</sup></i>							GHG emission projections	
	<i>(kt CO<sub>2</sub> eq)</i>							<i>(kt CO<sub>2</sub> eq)</i>	
	<i>Base Year</i>	1990	1995	2000	2005	2010	2011	2020	2030

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

<sup>a</sup> 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.

<sup>b</sup> Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this biennial report. Where the sectoral breakdown differs from that reported in the GHG inventory Parties should explain in their biennial report how the inventory sectors relate to the sectors reported in this table.

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

<sup>d</sup> In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

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

<sup>f</sup> Parties may choose to report total emissions with or without LULUCF, as appropriate.

***Custom Footnotes***

Table 6(b)

CHE\_BR1\_v1.0

Information on updated greenhouse gas projections under a 'without measures' scenario<sup>a</sup>

	GHG emissions and removals <sup>b</sup>							GHG emission projections	
	(kt CO <sub>2</sub> eq)							(kt CO <sub>2</sub> eq)	
	Base Year	1990	1995	2000	2005	2010	2011	2020	2030
<b>Sector<sup>d,e</sup></b>									
Energy	27,485.10	27,485.10	27,648.50	26,502.75	28,644.85	27,668.46	23,782.11	24,683.01	24,253.38
Transport	14,598.13	14,598.13	14,228.34	15,900.89	15,830.65	16,381.66	16,207.55	14,680.40	12,508.73
Industry/industrial processes	3,851.07	3,851.07	3,008.65	3,196.58	3,749.15	3,945.95	3,969.03	4,887.49	4,958.99
Agriculture	6,092.10	6,092.10	5,819.29	5,495.70	5,474.18	5,647.19	5,603.54	5,706.22	5,689.68
Forestry/LULUCF	-3,155.63	-3,155.63	-3,891.36	-1,227.06	-4,197.24	-2,404.73	-3,410.94	-788.69	-788.69
Waste management/waste	1,010.98	1,010.98	852.45	748.31	663.02	596.92	586.99	544.74	566.00
Other (specify)									
<b>Gas</b>									
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	41,486.83	41,486.83	39,771.34	42,787.90	42,172.07	43,619.39	38,549.06	39,906.86	36,459.57
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	44,661.01	44,661.01	43,673.22	44,020.16	46,374.09	46,028.17	41,965.61	41,265.59	38,318.29
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	4,683.49	4,683.49	4,271.87	3,915.98	3,771.83	3,767.30	3,735.04	3,724.67	3,698.13
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	4,675.30	4,675.30	4,268.61	3,915.72	3,771.48	3,767.11	3,733.80	3,722.39	3,695.85
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	3,467.55	3,467.55	3,329.50	3,187.87	3,074.18	3,138.25	3,078.99	3,657.35	3,678.35
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	3,457.19	3,457.19	3,322.22	3,182.94	3,069.75	3,134.39	3,074.62	3,089.61	3,110.61
HFCs	0.02	0.02	180.75	498.54	900.68	1,119.04	1,171.45	2,177.97	2,590.08
PFCs	100.21	100.21	14.69	69.09	32.88	36.71	39.36	29.58	29.64
SF <sub>6</sub>	143.62	143.62	97.73	157.79	212.99	154.77	164.37	216.72	232.32
Other (specify)	1.17	1.17	1.18	1.18	1.19	1.20	1.20	1.19	1.19
CH <sub>4</sub>	0.55	0.55	0.56	0.56	0.57	0.58	0.58	0.57	0.57
SF <sub>6</sub>	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
NF <sub>3</sub>	NA	NA	NA	NA	NA	NA	NA	NA	NA
N <sub>2</sub> O	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
HFCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Total with LULUCF<sup>f</sup></b>	49,882.89	49,882.89	47,667.06	50,618.35	50,165.82	51,836.66	46,739.47	49,714.34	46,689.28
<b>Total without LULUCF</b>	53,038.52	53,038.52	51,558.40	51,845.42	54,363.06	54,241.39	50,150.41	50,503.05	47,977.98

**Information on updated greenhouse gas projections under a ‘without measures’ scenario<sup>a</sup>**

	<i>GHG emissions and removals<sup>b</sup></i>							GHG emission projections	
	<i>(kt CO<sub>2</sub> eq)</i>							<i>(kt CO<sub>2</sub> eq)</i>	
	<i>Base Year</i>	1990	1995	2000	2005	2010	2011	2020	2030

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

<sup>a</sup> 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.

<sup>b</sup> Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this biennial report. Where the sectoral breakdown differs from that reported in the GHG inventory Parties should explain in their biennial report how the inventory sectors relate to the sectors reported in this table.

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

<sup>d</sup> In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

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

<sup>f</sup> Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 6(c)

CHE\_BR1\_v1.0

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

	GHG emissions and removals <sup>b</sup>							GHG emission projections	
	(kt CO <sub>2</sub> eq)							(kt CO <sub>2</sub> eq)	
	Base Year	1990	1995	2000	2005	2010	2011	2020	2030
<b>Sector<sup>d,e</sup></b>									
Energy	27,485.10	27,485.10	27,648.50	26,502.75	28,644.85	27,668.46	23,782.11	22,163.52	16,171.24
Transport	14,598.13	14,598.13	14,228.34	15,900.89	15,830.65	16,381.66	16,207.55	11,035.36	6,729.80
Industry/industrial processes	3,851.07	3,851.07	3,008.65	3,196.58	3,749.15	3,945.95	3,969.03	3,664.14	2,781.61
Agriculture	6,092.10	6,092.10	5,819.29	5,495.70	5,474.18	5,647.19	5,603.54	5,320.52	4,562.37
Forestry/LULUCF	-3,155.63	-3,155.63	-3,891.36	-1,227.06	-4,197.24	-2,404.73	-3,410.94	1,811.31	2,361.31
Waste management/waste	1,010.98	1,010.98	852.45	748.31	663.02	596.92	586.99	596.23	767.54
Other (specify)									
<b>Gas</b>									
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF	41,486.83	41,486.83	39,771.34	42,787.90	42,172.07	43,619.39	38,549.06	36,360.58	26,297.59
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF	44,661.01	44,661.01	43,673.22	44,020.16	46,374.09	46,028.17	41,965.61	35,119.30	24,506.31
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF	4,683.49	4,683.49	4,271.87	3,915.98	3,771.83	3,767.30	3,735.04	3,564.01	3,159.64
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF	4,675.30	4,675.30	4,268.61	3,915.72	3,771.48	3,767.11	3,733.80	3,561.73	3,157.36
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF	3,467.55	3,467.55	3,329.50	3,187.87	3,074.18	3,138.25	3,078.99	3,465.57	3,241.98
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF	3,457.19	3,457.19	3,322.22	3,182.94	3,069.75	3,134.39	3,074.62	2,897.83	2,674.24
HFCs	0.02	0.02	180.75	498.54	900.68	1,119.04	1,171.45	1,038.60	565.55
PFCs	100.21	100.21	14.69	69.09	32.88	36.71	39.36	29.49	29.47
SF <sub>6</sub>	143.62	143.62	97.73	157.79	212.99	154.77	164.37	132.83	79.64
Other (specify)	1.17	1.17	1.18	1.18	1.19	1.20	1.20	1.19	1.19
CH <sub>4</sub>	0.55	0.55	0.56	0.56	0.57	0.58	0.58	0.57	0.57
SF <sub>6</sub>	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
NF <sub>3</sub>	NA	NA	NA	NA	NA	NA	NA	NA	NA
N <sub>2</sub> O	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
HFCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Total with LULUCF<sup>f</sup></b>	49,882.89	49,882.89	47,667.06	50,618.35	50,165.82	51,836.66	46,739.47	44,592.27	33,375.06
<b>Total without LULUCF</b>	53,038.52	53,038.52	51,558.40	51,845.42	54,363.06	54,241.39	50,150.41	42,780.97	31,013.76

**Information on updated greenhouse gas projections under a ‘with additional measures’ scenario<sup>a</sup>**

	<i>GHG emissions and removals<sup>b</sup></i>							GHG emission projections	
	<i>(kt CO<sub>2</sub> eq)</i>							<i>(kt CO<sub>2</sub> eq)</i>	
	<i>Base Year</i>	1990	1995	2000	2005	2010	2011	2020	2030

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

<sup>a</sup> 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.

<sup>b</sup> Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this biennial report. Where the sectoral breakdown differs from that reported in the GHG inventory Parties should explain in their biennial report how the inventory sectors relate to the sectors reported in this table.

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

<sup>d</sup> In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

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

<sup>f</sup> Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 7

CHE\_BR1\_v1.0

**Provision of public financial support: summary information in 2011<sup>a</sup>**

Allocation channels	Year									
	Swiss franc - CHF					USD <sup>b</sup>				
	Core/ general <sup>c</sup>	Climate-specific <sup>d</sup>				Core/ general <sup>c</sup>	Climate-specific <sup>d</sup>			
		Mitigation	Adaptation	Cross-cutting <sup>e</sup>	Other <sup>f</sup>		Mitigation	Adaptation	Cross-cutting <sup>e</sup>	Other <sup>f</sup>
<b>Total contributions through multilateral channels:</b>	406,165,058.77	2,690,513.00	4,200,013.00	34,853,621.00	NA	457,753,926.25	3,032,247.27	4,733,475.71	39,280,537.59	NA
Multilateral climate change funds <sup>g</sup>	1,500,000.00		4,200,013.00	11,744,871.00		1,690,521.81		4,733,475.71	13,236,640.37	
Other multilateral climate change funds <sup>h</sup>	1,500,000.00		NA	241,534.00		1,690,521.81		NA	272,212.33	
Multilateral financial institutions, including regional development banks	313,029,108.77	NA		20,823,750.00	NA	352,788,356.55	NA		23,468,669.00	NA
Specialized United Nations bodies	91,635,950.00	2,690,513.00	NA	2,285,000.00		103,275,047.89	3,032,247.27	NA	2,575,228.22	
<b>Total contributions through bilateral, regional and other channels</b>		46,817,770.00	59,064,682.00				52,764,307.43	66,566,755.34		
<b>Total</b>	406,165,058.77	49,508,283.00	63,264,695.00	34,853,621.00	NA	457,753,926.25	55,796,554.70	71,300,231.05	39,280,537.59	NA

Abbreviation: USD = United States dollars.

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

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

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

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

<sup>e</sup> This refers to funding for activities which are cross-cutting across mitigation and adaptation.

<sup>f</sup> Please specify.

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

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

**Custom Footnotes**

The currency exchange is 0.8873 for 2011 and 0.9379 for 2012 and has been taken from the following document:

<http://www.estv.admin.ch/wehrpflichtersatzabgabe/dienstleistungen/00263/index.html?lang=fr>

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

CHE\_BR1\_v1.0

**Provision of public financial support: summary information in 2012<sup>a</sup>**

Allocation channels	Year									
	Swiss franc - CHF					USD <sup>b</sup>				
	Core/ general <sup>c</sup>	Climate-specific <sup>d</sup>				Core/ general <sup>c</sup>	Climate-specific <sup>d</sup>			
Mitigation		Adaptation	Cross-cutting <sup>e</sup>	Other <sup>f</sup>	Mitigation		Adaptation	Cross-cutting <sup>e</sup>	Other <sup>f</sup>	
<b>Total contributions through multilateral channels:</b>	421,683,372.54	1,980,315.00	1,000,000.00	18,447,733.00	NA	449,603,766.44	2,111,435.12	1,066,211.75	19,669,189.69	NA
Multilateral climate change funds <sup>g</sup>	1,000,000.00		1,000,000.00	11,544,383.00		1,066,211.75		1,066,211.75	12,308,756.80	
Other multilateral climate change funds <sup>h</sup>	1,000,000.00		NA	67,888.00		1,066,211.75		NA	72,382.98	
Multilateral financial institutions, including regional development banks	332,980,352.54			5,211,350.00	NA	355,027,564.28			5,556,402.61	NA
Specialized United Nations bodies	87,703,020.00	1,980,315.00	NA	1,692,000.00		93,509,990.41	2,111,435.12	NA	1,804,030.28	
<b>Total contributions through bilateral, regional and other channels</b>		75,640,143.00	67,329,165.00				80,648,409.21	71,787,146.81		
<b>Total</b>	421,683,372.54	77,620,458.00	68,329,165.00	18,447,733.00	NA	449,603,766.44	82,759,844.33	72,853,358.56	19,669,189.69	NA

Abbreviation: USD = United States dollars.

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

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

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

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

<sup>e</sup> This refers to funding for activities which are cross-cutting across mitigation and adaptation.

<sup>f</sup> Please specify.

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

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

**Custom Footnotes**

The currency exchange is 0.8873 for 2011 and 0.9379 for 2012 and has been taken from the following document:

<http://www.estv.admin.ch/wehrpflichtersatzabgabe/dienstleistungen/00263/index.html?lang=fr>

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)

CHE\_BR1\_v1.0

**Provision of public financial support: contribution through multilateral channels in 2011<sup>a</sup>**

Donor funding	Total amount				Status <sup>b</sup>	Funding source <sup>f</sup>	Financial instrument <sup>f</sup>	Type of support <sup>f,g</sup>	Sector <sup>c</sup>
	Core/general <sup>d</sup>		Climate-specific <sup>c</sup>						
	Swiss franc - CHF	USD	Swiss franc - CHF	USD					
Total contributions through multilateral channels	406,165,058.77	457,753,926.25	41,744,147.00	47,046,260.57					
Multilateral climate change funds <sup>g</sup>	1,500,000.00	1,690,521.81	15,944,884.00	17,970,116.08					
1. Global Environment Facility	NA	NA	9,636,000.00	10,859,912.09	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. Least Developed Countries Fund	NA	NA	1,000,000.00	1,127,014.54	Provided	ODA	Grant	Adaptation	Cross-cutting
3. Special Climate Change Fund	NA	NA	750,000.00	845,260.90	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Adaptation Fund	NA	NA	3,200,013.00	3,606,461.17	Provided	ODA	Grant	Adaptation	Cross-cutting
5. Green Climate Fund	NA	NA	143,426.00	161,643.19	Provided	ODA	Grant	Cross-cutting	Cross-cutting
6. UNFCCC Trust Fund for Supplementary Activities	NA	NA	973,911.00	1,097,611.86	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other multilateral climate change funds	1,500,000.00	1,690,521.81	241,534.00	272,212.33					
GFDRR	1,500,000.00	1,690,521.81	NA	NA	Provided	ODA	Grant	Adaptation	Cross-cutting
Ministerial Consultations Pretoria	NA	NA	241,534.00	272,212.33	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Multilateral financial institutions, including regional development banks	313,029,108.77	352,788,356.55	20,823,750.00	23,468,669.00					
1. World Bank	237,663,286.00	267,849,978.59	20,773,750.00	23,412,318.27	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. International Finance Corporation	NA	NA	NA	NA	Provided	ODA	Grant	Mitigation	
3. African Development Bank	58,249,913.50	65,648,499.38	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Asian Development Bank	13,353,000.00	15,049,025.13	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
5. European Bank for Reconstruction and Development	NA	NA	NA	NA	Provided				
6. Inter-American Development Bank	2,599,441.27	2,929,608.10	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other	1,163,468.00	1,311,245.35	50,000.00	56,350.73					
OECD	1,163,468.00	1,311,245.35	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
OECD Climate Change Research Collaborative	NA	NA	50,000.00	56,350.73	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Specialized United Nations bodies	91,635,950.00	103,275,047.89	4,975,513.00	5,607,475.49					
1. United Nations Development Programme	54,000,000.00	60,858,785.08	NA	NA					
1. UNDP	54,000,000.00	60,858,785.08	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme	6,500,000.00	7,325,594.50	NA	NA					
2.1 UNEP core contribution	4,500,000.00	5,071,565.42	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2.2 UNEP Ozone Fund	2,000,000.00	2,254,029.08	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	31,135,950.00	35,090,668.31	4,975,513.00	5,607,475.49					
3.1 UNCCD	410,950.00	463,146.62	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3.2 IFAD	14,100,000.00	15,890,904.99	NA	NA	Provided	ODA	Grant	Cross-cutting	Agriculture
3.3 UNITAR (climate change, environmental law)	NA	NA	300,000.00	338,104.36	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3.4 UNIDO (Cleaner Production Center / Ressource Efficient Cleaner Production Program)	NA	NA	2,690,513.00	3,032,247.27	Provided	ODA	Grant	Mitigation	Cross-cutting
3.5 UNISDR	500,000.00	563,507.27	NA	NA	Provided	ODA	Grant	Adaptation	Cross-cutting
3.6 IPCC	NA	NA	1,885,000.00	2,124,422.41	Provided	ODA	Grant	Cross-cutting	Cross-cutting
IUCN	2,125,000.00	2,394,905.89	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
CGIAR	14,000,000.00	15,778,203.54	NA	NA	Provided	ODA	Grant	Cross-cutting	Agriculture
GEO GEOSs	NA	NA	100,000.00	112,701.45	Provided	ODA	Grant	Cross-cutting	Cross-cutting
WCC-3	NA	NA	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting

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

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

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

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

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

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

<sup>f</sup> Please specify.

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

**Custom Footnotes**

Multilateral climate change funds: 1. Global Environmental Facilities (GEF): According to the evaluation report of GEF-5 32% of the core funding were invested in climate change activities. 6. UNFCCC Trust Fund for Supplementary Activities: Total 2011 (CHF 973'911.00) 6.1 UNFCCC contribution: CHF 330'485.00; 6.2 UNFCCC Trust Fund for Supplementary Activities and other voluntary contributions: CHF 643'426.006. UNFCCC Trust Fund for Supplementary Activities: Total 2012 (CHF 761'495.00) 6.1 UNFCCC contribution: CHF 341'495.006.2 UNFCCC Trust Fund for Supplementary Activities and other voluntary contributions: CHF 420'000.00

Multilateral financial institutions: 1. World bank : A proportion of Switzerland's core contributions to multilateral organisations may be allocated to climate change activities, the exact amount of which cannot be assessed reliably. Climate-specific (2011): 1.1 CIF / SREP (Scaling up Renewable Energy Program): CHF 9'350'000.001.2 Forest Carbon Partnership Facility: CHF 4'071'250.001.3 Carbon Finance Assist Trust Fund: CHF 1'402'500.001.4 Partnership for Market Readiness: CHF 5'950'000.00Total: CHF 20'773'750.00Climate-specific (2012): 1.1 CIF / SREP (Scaling up Renewable Energy Program): CHF 3825000.001.2 Forest Carbon Partnership Facility: CHF 87124.001.3 Carbon Finance Assist Trust Fund: CHF 1164226.001.4 Partnership for Market Readiness: CHF 0.00Total: CHF 5'076'350.00

General comments: A proportion of Switzerland's core contributions to multilateral organisations may be allocated to climate change activities but Switzerland is not able to report on these internal decisions. Many institutions could not be allocated to any given institutional category. Switzerland provides funding to a number of multilateral organisations as implementing partners for regional and bilateral activities. This funding is reported in the Bilateral and Multi-Bilateral Funding table.

Table 7(a)

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

Donor funding	Total amount				Status <sup>b</sup>	Funding source <sup>f</sup>	Financial instrument <sup>f</sup>	Type of support <sup>f,g</sup>	Sector <sup>c</sup>
	Core/general <sup>d</sup>		Climate-specific <sup>e</sup>						
	Swiss franc - CHF	USD	Swiss franc - CHF	USD					
Total contributions through multilateral channels	421,683,372.54	449,603,766.44	21,428,048.00	22,846,836.56					
Multilateral climate change funds <sup>g</sup>	1,000,000.00	1,066,211.75	12,544,383.00	13,374,968.55					
1. Global Environment Facility	NA	NA	9,834,000.00	10,485,126.35	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. Least Developed Countries Fund	NA	NA	1,000,000.00	1,066,211.75	Provided	ODA	Grant	Adaptation	Cross-cutting
3. Special Climate Change Fund	NA	NA	750,000.00	799,658.81	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Adaptation Fund	NA	NA	NA	NA	Provided	ODA	Grant	Adaptation	Cross-cutting
5. Green Climate Fund	NA	NA	131,000.00	139,673.74	Provided	ODA	Grant	Cross-cutting	Cross-cutting
6. UNFCCC Trust Fund for Supplementary Activities	NA	NA	761,495.00	811,914.92	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other multilateral climate change funds	1,000,000.00	1,066,211.75	67,888.00	72,382.98					
GFDRR	1,000,000.00	1,066,211.75	NA	NA	Provided	ODA	Grant	Adaptation	Cross-cutting
Climate Vulnerable Forum Costa Rica	NA	NA	67,888.00	72,382.98	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Multilateral financial institutions, including regional development banks	332,980,352.54	355,027,564.28	5,211,350.00	5,556,402.61					
1. World Bank	259,045,044.00	276,196,869.60	5,076,350.00	5,412,464.02	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. International Finance Corporation	NA	NA	NA	NA	Provided				
3. African Development Bank	59,849,851.54	63,812,614.93	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Asian Development Bank	13,533,000.00	14,429,043.61	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
5. European Bank for Reconstruction and Development	NA	NA	NA	NA	Provided				
6. Inter-American Development Bank	NA	NA	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other	552,457.00	589,036.14	135,000.00	143,938.59					
OECD	552,457.00	589,036.14	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
OECD Climate Change Research Collaborative	NA	NA	135,000.00	143,938.59	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Specialized United Nations bodies	87,703,020.00	93,509,990.41	3,672,315.00	3,915,465.40					
1. United Nations Development Programme	54,000,000.00	57,575,434.48	NA	NA					
1. UNDP	54,000,000.00	57,575,434.48	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme	7,400,000.00	7,889,966.94	NA	NA					
2.1 UNEP core contribution	4,900,000.00	5,224,437.57	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2.2 UNEP Ozone Fund	2,500,000.00	2,665,529.37	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other	26,303,020.00	28,044,588.99	3,672,315.00	3,915,465.40					
3.1 UNCCD	978,020.00	1,042,776.42	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3.2 IFAD	7,200,000.00	7,676,724.60	NA	NA	Provided	ODA	Grant	Cross-cutting	Agriculture
3.3 UNITAR (climate change, environmental law)	NA	NA	300,000.00	319,863.52	Provided	ODA	Grant	Cross-cutting	Cross-cutting
3.4 UNIDO (Cleaner Production Center / Ressource Efficient Cleaner Production Program)	NA	NA	1,980,315.00	2,111,435.12	Provided	ODA	Grant	Mitigation	Cross-cutting
3.5 UNISDR	1,000,000.00	1,066,211.75	NA	NA	Provided	ODA	Grant	Adaptation	Cross-cutting
3.6 IPCC	NA	NA	1,192,000.00	1,270,924.41	Provided	ODA	Grant	Cross-cutting	Cross-cutting
IUCN	3,125,000.00	3,331,911.72	NA	NA	Provided	ODA	Grant	Cross-cutting	Cross-cutting
CGIAR	14,000,000.00	14,926,964.50	NA	NA	Provided	ODA	Grant	Cross-cutting	Agriculture
GEO GEOSs	NA	NA	50,000.00	53,310.59	Provided	ODA	Grant	Cross-cutting	Cross-cutting
WCC-3	NA	NA	150,000.00	159,931.76	Provided	ODA	Grant	Cross-cutting	Cross-cutting

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

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

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

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

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

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

<sup>f</sup> Please specify.

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

## Custom Footnotes

Multilateral climate change funds: 1. Global Environmental Facilities (GEF): According to the evaluation report of GEF-5 32% of the core funding were invested in climate change activities. 6. UNFCCC Trust Fund for Supplementary Activities: Total 2011 ( CHF 973'911.00) 6.1 UNFCCC contribution: CHF 330'485.00; 6.2 UNFCCC Trust Fund for Supplementary Activities and other voluntary contributions: CHF 643'426.006. UNFCCC Trust Fund for Supplementary Activities: Total 2012 (CHF 761'495.00)&nbsp;&nbsp;&nbsp;6.1 UNFCCC contribution: CHF 341'495.006.2 UNFCCC Trust Fund for Supplementary Activities and other voluntary contributions: CHF 420'000.00

Multilateral financial institutions: 1. World bank : A proportion of Switzerland's core contributions to multilateral organisations may be allocated to climate change activities, the exact amount of which cannot be assessed reliably. Climate-specific (2011): 1.1 CIF / SREP (Scaling up Renewable Energy Program): CHF 9'350'000.00 1.2 Forest Carbon Partnership Facility: CHF 4'071'250.00 1.3 Carbon Finance Assist Trust Fund: CHF 1'402'500.00 1.4 Partnership for Market Readiness: CHF 5'950'000.00 Total: CHF 20'773'750.00&nbsp;&nbsp;&nbsp;Climate-specific (2012): 1.1 CIF / SREP (Scaling up Renewable Energy Program): CHF 382'500.00 1.2 Forest Carbon Partnership Facility: CHF 871'24.00 1.3 Carbon Finance Assist Trust Fund: CHF 116'422.00 1.4 Partnership for Market Readiness: CHF 0.00 Total: CHF 5'076'350.00

General comments: A proportion of Switzerland's core contributions to multilateral organisations may be allocated to climate change activities but Switzerland is not able to report on these internal decisions. Many institutions could not be allocated to any given institutional category. Switzerland provides funding to a number of multilateral organisations as implementing partners for regional and bilateral activities. This funding is reported in the Bilateral and Multi-Bilateral Funding table.

Table 7(b)

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

Recipient country/ region/project/programme <sup>b</sup>	Total amount		Status <sup>c</sup>	Funding source <sup>g</sup>	Financial instrument <sup>g</sup>	Type of support <sup>g, h</sup>	Sector <sup>d</sup>	Additional information <sup>e</sup>
	Climate-specific <sup>f</sup>							
	Swiss franc - CHF	USD						
Total contributions through bilateral, regional and other channels	105,882,452. 00	119,331,062. 77						
Africa Regional / SDC Africa Regional Programs and Projects (Adaptation)	834,922.00	940,969.23	Provided	ODA	Grant	Adaptation	Cross- cutting	
Africa Regional / SDC Africa Regional Programs and Projects (Mitigation)	460,910.00	519,452.27	Provided	ODA	Grant	Mitigation	Cross- cutting	
East and Southern Africa / SDC E&S Africa Adaptation	5,678,820.00	6,400,112.70	Provided	ODA	Grant	Adaptation	Cross- cutting	
East and Southern Africa / SDC E&S Africa Mitigation	2,338,508.00	2,635,532.51	Provided	ODA	Grant	Mitigation	Cross- cutting	
West Africa / SDC West Africa Adaptation	1,722,196.00	1,940,939.93	Provided	ODA	Grant	Adaptation	Cross- cutting	
West Africa / SDC West Africa Mitigation	299,751.00	337,823.73	Provided	ODA	Grant	Mitigation	Cross- cutting	
Asia Regional / SDC Asia Regional Programs and Projects (Adaptation)	250,000.00	281,753.63	Provided	ODA	Grant	Adaptation	Cross- cutting	
East Asia / SDC East Asia Adaptation	12,573,323.0 0	14,170,317.8 2	Provided	ODA	Grant	Adaptation	Cross- cutting	
East Asia / SDC East Asia Mitigation	5,495,963.00	6,194,030.20	Provided	ODA	Grant	Mitigation	Cross- cutting	
South Asia / SDC South Asia Adaptation	11,000,619.0 0	12,397,857.5 5	Provided	ODA	Grant	Adaptation	Cross- cutting	
South Asia / SDC South Asia Mitigation	4,269,088.00	4,811,324.24	Provided	ODA	Grant	Mitigation	Cross- cutting	
CIS / SDC CIS Adaptation Programs and Projects	3,685,387.00	4,153,484.73	Provided	ODA	Grant	Adaptation	Cross- cutting	
CIS / SDC CIS Mitigation Programs and Projects	275,553.00	310,552.24	Provided	ODA	Grant	Mitigation	Cross- cutting	

New EU Member States / SECO Programs and Projects in New EU Member States	90,777.00	102,307.00	Provided	ODA	Grant	Mitigation	Cross-cutting	
West Balkans / SDC West Balkans Adaptation	125,787.00	141,763.78	Provided	ODA	Grant	Adaptation	Cross-cutting	
West Balkans / SDC West Balkans Mitigation	141,471.00	159,439.87	Provided	ODA	Grant	Mitigation	Cross-cutting	
Latin America / SDC Latin American Adaptation Programs and Projects	10,778,176.00	12,147,161.05	Provided	ODA	Grant	Adaptation	Cross-cutting	
Latin America / SDC Latin American Mitigation Programs and Projects	6,791,833.00	7,654,494.53	Provided	ODA	Grant	Mitigation	Cross-cutting	
Middle East and North Africa / SDC Middle East and North Africa Adaptation Programs and Projects	276,970.00	312,149.22	Provided	ODA	Grant	Adaptation	Cross-cutting	
Middle East and North Africa / SDC Middle East and North Africa Mitigation Programs and Projects	178,000.00	200,608.59	Provided	ODA	Grant	Mitigation	Cross-cutting	
Global / Humanitarian Aid	5,671,074.00	6,391,382.85	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / SDC Global Adaptation Programs and Projects	5,088,283.00	5,734,568.92	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / SDC Global Mitigation Programs and Projects	3,099,647.00	3,493,347.23	Provided	ODA	Grant	Mitigation	Cross-cutting	
Global / Climate Change Adaptation relevant ODA bi- and multi-bilateral programming of SECO	1,379,125.00	1,554,293.93	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / Climate Change Mitigation relevant ODA bi- and multi-bilateral programming of SECO	23,376,269.00	26,345,395.02	Provided	ODA	Grant	Mitigation	Cross-cutting	

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

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

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

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

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

<sup>g</sup> Please specify.

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

### ***Custom Footnotes***

The climate change relevant part of all SDC funded projects was calculated as follows: The climate change relevant part is weighed individually for each project and the disbursement level calculated accordingly (significant: 1-50%, principal: 51-100%)

The climate change&nbsp;relevant part of all&nbsp;SECO funded projects was calculated as follows: The climate change relevant part is weighed individually for each project and the disbursement level calculated accordingly (significant: 50%, principal: 85%)

Table 7(b)

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

<i>Recipient country/ region/project/programme<sup>b</sup></i>	<i>Total amount</i>		<i>Status<sup>c</sup></i>	<i>Funding source<sup>g</sup></i>	<i>Financial instrument<sup>g</sup></i>	<i>Type of support<sup>g, h</sup></i>	<i>Sector<sup>d</sup></i>	<i>Additional information<sup>e</sup></i>
	<i>Climate-specific<sup>f</sup></i>							
	<i>Swiss franc - CHF</i>	<i>USD</i>						
Total contributions through bilateral, regional and other channels	142,969,308. 00	152,435,556. 02						
Africa Regional / SDC Africa Regional Programs and Projects (Adaptation)	1,633,613.00	1,741,777.37	Provided	ODA	Grant	Adaptation	Cross- cutting	
Africa Regional / SDC Africa Regional Programs and Projects (Mitigation)	304,083.00	324,216.87	Provided	ODA	Grant	Mitigation	Cross- cutting	
East and Southern Africa / SDC E&S Africa Adaptation	9,233,141.00	9,844,483.42	Provided	ODA	Grant	Adaptation	Cross- cutting	
East and Southern Africa / SDC E&S Africa Mitigation	4,999,719.00	5,330,759.14	Provided	ODA	Grant	Mitigation	Cross- cutting	
West Africa / SDC West Africa Adaptation	4,399,139.00	4,690,413.69	Provided	ODA	Grant	Adaptation	Cross- cutting	
West Africa / SDC West Africa Mitigation	561,623.00	598,809.04	Provided	ODA	Grant	Mitigation	Cross- cutting	
Asia Regional / SDC Asia Regional Programs and Projects (Adaptation)	574,000.00	612,005.54	Provided	ODA	Grant	Adaptation	Cross- cutting	
East Asia / SDC East Asia Adaptation	12,094,674.0 0	12,895,483.5 3	Provided	ODA	Grant	Adaptation	Cross- cutting	
East Asia / SDC East Asia Mitigation	4,223,305.00	4,502,937.41	Provided	ODA	Grant	Mitigation	Cross- cutting	
South Asia / SDC South Asia Adaptation	10,026,540.0 0	10,690,414.7 6	Provided	ODA	Grant	Adaptation	Cross- cutting	
South Asia / SDC South Asia Mitigation	4,022,895.00	4,289,257.92	Provided	ODA	Grant	Mitigation	Cross- cutting	
CIS / SDC CIS Adaptation Programs and Projects	2,854,062.00	3,043,034.44	Provided	ODA	Grant	Adaptation	Cross- cutting	
CIS / SDC CIS Mitigation Programs and Projects	297,533.00	317,233.18	Provided	ODA	Grant	Mitigation	Cross- cutting	

New EU Member States / SDC Adaptation Projects in New EU Member States	48,547.00	51,761.38	Provided	ODA	Grant	Adaptation	Cross-cutting	
New EU Member States / SDC Mitigation Projects in New EU Member States	26,564.00	28,322.85	Provided	ODA	Grant	Mitigation	Cross-cutting	
New EU Member States / SECO Programs and Projects in New EU Member States	2,430,000.00	2,590,894.55	Provided	ODA	Grant	Mitigation	Cross-cutting	
West Balkans / SDC West Balkans Adaptation	162,602.00	173,368.16	Provided	ODA	Grant	Adaptation	Cross-cutting	
West Balkans / SDC West Balkans Mitigation	155,655.00	165,961.19	Provided	ODA	Grant	Mitigation	Cross-cutting	
Latin America / SDC Latin American Adaptation Programs and Projects	14,016,073.00	14,944,101.72	Provided	ODA	Grant	Adaptation	Cross-cutting	
Latin America / SDC Latin American Mitigation Programs and Projects	10,038,344.00	10,703,000.32	Provided	ODA	Grant	Mitigation	Cross-cutting	
Middle East and North Africa / SDC Middle East and North Africa Adaptation Programs and Projects	170,379.00	181,660.09	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / Humanitarian Aid	6,848,530.00	7,301,983.15	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / SDC Global Adaptation Programs and Projects	4,862,854.00	5,184,832.07	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / SDC Global Mitigation Programs and Projects	3,785,366.00	4,036,001.71	Provided	ODA	Grant	Mitigation	Cross-cutting	
Global / Climate Change Adaptation relevant ODA bi- and multi-bilateral programming of SECO	405,011.00	431,827.49	Provided	ODA	Grant	Adaptation	Cross-cutting	
Global / Climate Change Mitigation relevant ODA bi- and multi-bilateral programming of SECO	44,795,056.00	47,761,015.03	Provided	ODA	Grant	Mitigation	Cross-cutting	

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

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

<sup>g</sup> Please specify.

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

### ***Custom Footnotes***

The climate change relevant part of all SDC funded projects was calculated as follows: The climate change relevant part is weighed individually for each project and the disbursement level calculated accordingly (significant: 1-50%, principal: 51-100%)

The climate change relevant part of all SECO funded projects was calculated as follows: The climate change relevant part is weighed individually for each project and the disbursement level calculated accordingly (significant: 50%, principal: 85%)

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

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

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

<sup>b</sup> The tables should include measures and activities since the last national communication or biennial report.

<sup>c</sup> Parties may report sectoral disaggregation, as appropriate.

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

**Custom Footnotes**

All projects funded by Switzerland include technology transfer and capacity-building components. Since they form an integral part of a project, it is not possible to account for them separately.

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

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

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

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

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

**Custom Footnotes**

All projects funded by Switzerland include technology transfer and capacity-building components. Since they form an integral part of a project, it is not possible to account for them separately.