

BR CTF submission workbook

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Table 1

BEL_BR1_v1.0

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

CRF: Submission 2014 v1.6, BELGIUM

<i>GREENHOUSE GAS EMISSIONS</i>	Base year (1990)	1991	1992	1993	1994	1995	1996	1997	1998
	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>	<i>CO₂ equivalent</i>
CO ₂ emissions including net CO ₂ from LULUCF	118,169.09	120,900.26	119,065.69	118,139.01	122,599.05	123,681.14	127,911.50	122,012.87	128,358.77
CO ₂ emissions excluding net CO ₂ from LULUCF	119,096.48	121,554.17	120,016.32	119,019.31	123,505.12	124,427.72	128,458.10	122,827.25	129,071.08
CH ₄ emissions including CH ₄ from LULUCF	9,831.94	9,649.95	9,506.24	9,412.95	9,381.63	9,414.20	9,194.89	9,039.95	8,899.21
CH ₄ emissions excluding CH ₄ from LULUCF	9,831.46	9,649.46	9,505.83	9,412.47	9,381.23	9,414.18	9,172.02	9,039.71	8,898.84
N ₂ O emissions including N ₂ O from LULUCF	10,889.94	10,767.73	10,404.11	10,701.43	11,266.20	11,749.37	12,337.30	11,792.63	11,928.97
N ₂ O emissions excluding N ₂ O from LULUCF	10,876.74	10,750.39	10,383.44	10,676.02	11,237.60	11,720.56	12,072.73	11,753.79	11,884.99
HFCs	NA, NO	NA, NO	444.52	444.52	450.96	451.73	539.50	650.20	786.17
PFCs	1,753.32	1,677.72	1,829.52	1,758.67	2,113.04	2,335.24	2,217.41	1,211.43	669.33
SF ₆	1,662.49	1,576.25	1,743.82	1,676.56	2,035.35	2,205.16	2,120.86	526.39	271.44
Total (including LULUCF)	142,306.78	144,571.91	142,993.90	142,133.14	147,846.24	149,836.83	154,321.46	145,233.46	150,913.89
Total (excluding LULUCF)	143,220.48	145,207.99	143,923.45	142,987.56	148,723.30	150,554.59	154,580.63	146,008.77	151,581.86

<i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i>	Base year (1990)	1991	1992	1993	1994	1995	1996	1997	1998
	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>
1. Energy	112,375.42	115,174.16	113,663.59	112,732.66	115,918.10	116,461.41	121,251.38	115,197.31	121,371.38
2. Industrial Processes	15,778.52	15,104.69	15,383.30	15,475.53	18,020.58	19,229.18	18,860.04	16,392.04	15,903.83
3. Solvent and Other Product Use	213.41	210.34	209.27	207.23	204.46	200.18	199.42	198.84	197.74
4. Agriculture	11,440.21	11,307.78	11,229.23	11,345.12	11,345.40	11,531.62	11,303.30	11,261.80	11,287.73
5. Land Use, Land-Use Change and Forestry ⁽⁵⁾	-913.71	-636.09	-929.54	-854.42	-877.06	-717.76	-259.17	-775.31	-667.96
6. Waste	3,412.92	3,411.02	3,438.06	3,227.03	3,234.76	3,132.19	2,966.48	2,958.78	2,821.18
7. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total (including LULUCF)(5)	142,306.78	144,571.91	142,993.90	142,133.14	147,846.24	149,836.83	154,321.46	145,233.46	150,913.89

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

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

Table 1

BEL_BR1_v1.0

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

CRF: Submission 2014 v1.6, BELGIUM

<i>GREENHOUSE GAS EMISSIONS</i>	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>	<i>CO₂</i> <i>equivalent</i>
CO ₂ emissions including net CO ₂ from LULUCF	122,803.84	124,526.45	124,318.90	123,577.83	126,713.25	127,528.91	124,257.23	120,480.35	116,133.62	119,231.04
CO ₂ emissions excluding net CO ₂ from LULUCF	123,552.02	125,256.16	125,227.83	124,977.60	128,167.27	128,870.46	125,617.23	121,805.45	117,442.49	120,537.51
CH ₄ emissions including CH ₄ from LULUCF	8,768.60	8,432.58	8,094.71	7,674.81	7,206.39	7,134.32	6,933.03	6,842.18	6,825.09	6,668.24
CH ₄ emissions excluding CH ₄ from LULUCF	8,768.52	8,432.58	8,094.69	7,674.59	7,206.25	7,134.32	6,933.03	6,842.17	6,825.06	6,668.24
N ₂ O emissions including N ₂ O from LULUCF	11,825.27	11,084.31	10,854.23	10,357.48	9,298.67	9,494.38	9,226.92	8,276.91	7,621.63	7,547.14
N ₂ O emissions excluding N ₂ O from LULUCF	11,780.43	11,036.40	10,802.32	10,299.85	9,238.20	9,431.62	9,160.52	8,206.89	7,545.67	7,465.32
HFCs	814.96	943.28	1,071.31	1,290.07	1,442.09	1,479.48	1,461.82	1,559.19	1,738.90	1,821.60
PFCs	347.97	360.90	222.60	82.22	208.79	307.36	154.27	158.80	180.47	201.87
SF ₆	116.09	111.52	129.06	112.03	99.91	84.34	85.97	75.03	81.13	91.19
Total (including LULUCF)	144,676.73	145,459.05	144,690.81	143,094.43	144,969.10	146,028.78	142,119.25	137,392.45	132,580.84	135,561.08
Total (excluding LULUCF)	145,379.99	146,140.84	145,547.81	144,436.35	146,362.52	147,307.57	143,412.85	138,647.53	133,813.72	136,785.73

<i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i>	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>	<i>CO₂</i> <i>equivalent</i> <i>(Gg)</i>
1. Energy	115,550.79	116,993.79	117,510.84	116,155.73	119,397.57	119,786.48	116,235.48	112,411.44	108,102.13	111,417.63
2. Industrial Processes	15,557.16	15,664.55	14,939.84	15,371.66	14,788.10	15,365.02	15,327.00	14,547.19	13,961.08	13,893.53
3. Solvent and Other Product Use	196.51	213.52	213.36	212.88	212.73	212.70	212.36	211.96	212.12	212.00
4. Agriculture	11,355.36	10,671.68	10,549.63	10,321.93	9,841.80	9,798.73	9,586.85	9,462.08	9,534.21	9,394.44
5. Land Use, Land-Use Change and Forestry ⁽⁵⁾	-703.26	-681.79	-857.00	-1,341.92	-1,393.42	-1,278.79	-1,293.60	-1,255.08	-1,232.88	-1,224.65
6. Waste	2,720.17	2,597.30	2,334.14	2,374.15	2,122.33	2,144.64	2,051.16	2,014.86	2,004.19	1,868.12
7. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total (including LULUCF)(5)	144,676.73	145,459.05	144,690.81	143,094.43	144,969.10	146,028.78	142,119.25	137,392.45	132,580.84	135,561.08

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

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

CRF: Submission 2014 v1.6, BELGIUM

<i>GREENHOUSE GAS EMISSIONS</i>	2009	2010	2011	Change from base to latest reported year
	<i>CO₂ equivalent</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent</i>	(%)
CO ₂ emissions including net CO ₂ from LULUCF	106,848.85	113,426.83	103,033.59	-12.81
CO ₂ emissions excluding net CO ₂ from LULUCF	108,257.72	114,878.25	104,472.11	-12.28
CH ₄ emissions including CH ₄ from LULUCF	6,582.81	6,641.39	6,482.76	-34.06
CH ₄ emissions excluding CH ₄ from LULUCF	6,582.81	6,641.39	6,476.50	-34.12
N ₂ O emissions including N ₂ O from LULUCF	7,759.05	8,362.38	7,232.05	-33.59
N ₂ O emissions excluding N ₂ O from LULUCF	7,671.04	8,268.19	7,068.14	-35.02
HFCs	1,882.52	1,936.25	1,996.06	100.00
PFCs	115.78	85.44	178.99	-89.79
SF ₆	97.15	111.15	116.30	-93.00
Total (including LULUCF)	123,286.16	130,563.45	119,039.75	-16.35
Total (excluding LULUCF)	124,607.03	131,920.68	120,308.10	-16.00

<i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i>	2009	2010	2011	Change from base to latest reported year
	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	<i>CO₂ equivalent (Gg)</i>	(%)
1. Energy	101,934.63	108,155.67	97,698.27	-13.06
2. Industrial Processes	11,235.53	12,224.79	11,288.60	-28.46
3. Solvent and Other Product Use	211.58	211.20	211.13	-1.07
4. Agriculture	9,494.66	9,560.48	9,496.92	-16.99
5. Land Use, Land-Use Change and Forestry ⁽⁵⁾	-1,320.86	-1,357.23	-1,268.35	38.81
6. Waste	1,730.62	1,768.53	1,613.18	-52.73
7. Other	NO	NO	NO	0.00
Total (including LULUCF)(5)	123,286.16	130,563.45	119,039.75	-16.35

Notes :

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO₂)", "Emission trends (CH₄)", "Emission trends (N₂O)" and "Emission trends (HFCs, PFCs and SF₆)", which is included in an annex to this biennial report.

(2) 2011 is the latest reported inventory year.

(3) 1 kt CO₂ eq equals 1 Gg CO₂ eq.

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

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

^b Includes net CO₂, CH₄ and N₂O from LULUCF.

Custom Footnotes

Data extracted from the November 2013 Belgian inventory re-submission (v.1.6).

Emission trends (CO₂)
(Sheet 1 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year (1990)	1991	1992	1993	1994	1995	1996	1997	1998
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
1. Energy	110,386.73	113,252.50	111,872.55	110,893.06	114,184.49	114,693.18	119,425.33	113,448.82	119,611.34
A. Fuel Combustion (Sectoral Approach)	110,302.28	113,169.36	111,789.18	110,809.43	114,100.60	114,609.06	119,332.88	113,355.61	119,511.36
1. Energy Industries	29,789.13	29,709.61	28,550.42	28,023.76	29,802.19	29,222.91	29,026.05	27,889.67	30,609.38
2. Manufacturing Industries and Construction	32,604.84	32,519.63	31,721.33	30,624.37	32,044.76	32,492.30	31,808.21	30,998.75	33,448.50
3. Transport	20,426.97	20,599.33	21,327.06	21,817.10	22,284.67	22,362.71	22,786.97	22,988.72	23,655.42
4. Other Sectors	27,320.06	30,179.43	30,029.19	30,184.42	29,808.83	30,427.51	35,623.84	31,382.36	31,705.15
5. Other	161.28	161.36	161.19	159.78	160.16	103.61	87.83	96.12	92.91
B. Fugitive Emissions from Fuels	84.45	83.14	83.37	83.63	83.89	84.13	92.44	93.20	99.97
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	84.45	83.14	83.37	83.63	83.89	84.13	92.44	93.20	99.97
2. Industrial Processes	8,419.50	8,008.86	7,846.06	7,827.86	9,130.22	9,587.66	8,879.52	9,213.35	9,320.92
A. Mineral Products	5,750.33	5,381.69	5,585.75	5,565.32	5,898.60	6,192.36	5,669.69	5,880.46	5,966.78
B. Chemical Industry	646.79	617.76	434.02	483.87	1,278.67	1,420.06	1,482.16	1,524.38	1,463.64
C. Metal Production	2,022.38	2,009.41	1,826.30	1,778.67	1,952.96	1,975.25	1,727.67	1,808.51	1,890.49
D. Other Production	IE	IE	IE	IE	IE	IE	IE	IE	IE
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	NA	NA	NA	NA	NA	NA	NA	NA	NA
4. Agriculture									
A. Enteric Fermentation									
B. Manure Management									
C. Rice Cultivation									
D. Agricultural Soils									
E. Prescribed Burning of Savannas									
F. Field Burning of Agricultural Residues									
G. Other									
5. Land Use, Land-Use Change and Forestry(2)	-927.38	-653.91	-950.63	-880.30	-906.06	-746.59	-546.60	-814.39	-712.31
A. Forest Land	-3,138.08	-2,883.89	-3,199.89	-3,150.87	-3,194.55	-3,053.72	-2,874.42	-3,160.44	-3,077.57
B. Cropland	1,169.15	1,199.97	1,230.79	1,261.62	1,292.44	1,323.27	1,354.09	1,384.92	1,415.75
C. Grassland	744.74	705.92	667.11	630.32	590.13	550.67	513.25	473.36	434.45
D. Wetlands	20.55	19.65	18.76	17.87	16.97	16.08	15.19	14.30	13.41
E. Settlements	248.03	274.03	300.04	326.05	352.07	378.08	404.10	430.12	456.14
F. Other Land	28.23	30.39	32.55	34.71	36.87	39.04	41.20	43.36	45.52
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	290.25	292.80	297.70	298.39	190.40	146.88	153.25	165.09	138.83
A. Solid Waste Disposal on Land	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Waste-water Handling									
C. Waste Incineration	290.25	292.80	297.70	298.39	190.40	146.88	153.25	165.09	138.83
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in Summary 1.A)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CO2 emissions including net CO2 from LULUCF	118,169.09	120,900.26	119,065.69	118,139.01	122,599.05	123,681.14	127,911.50	122,012.87	128,358.77
Total CO2 emissions excluding net CO2 from LULUCF	119,096.48	121,554.17	120,016.32	119,019.31	123,505.12	124,427.72	128,458.10	122,827.25	129,071.08
Memo Items:									
International Bunkers	16,397.83	16,058.65	15,840.60	16,347.83	16,730.40	15,837.61	19,226.65	21,205.85	22,461.54
Aviation	3,094.75	2,599.52	2,584.02	2,558.01	2,518.47	2,882.88	3,336.55	3,596.43	4,059.67
Marine	13,303.08	13,459.13	13,256.58	13,789.83	14,211.93	12,954.73	15,890.10	17,609.41	18,401.87
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass	1,997.68	2,016.29	2,171.90	1,781.32	2,062.74	2,283.61	2,366.32	2,439.72	2,496.10

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

Table 1 (a)

BEL_BR1_v1.0

Emission trends (CO₂)
(Sheet 2 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
1. Energy	113,814.31	115,415.59	115,934.52	114,658.88	117,892.65	118,295.46	114,884.51	111,078.31	106,736.02	110,034.47
A. Fuel Combustion (Sectoral Approach)	113,704.40	115,250.39	115,786.99	114,506.02	117,781.39	118,193.20	114,780.27	110,947.76	106,621.23	109,917.90
1. Energy Industries	26,919.49	28,300.61	26,783.03	28,283.29	29,388.63	29,552.21	29,281.16	27,788.65	27,276.38	25,316.06
2. Manufacturing Industries and Construction	31,995.19	33,148.48	32,329.66	31,059.05	30,473.33	30,487.15	28,689.25	28,828.05	27,594.98	28,137.76
3. Transport	24,001.53	24,453.25	25,071.77	25,389.59	25,950.18	26,954.33	26,040.81	25,483.49	25,369.44	27,667.31
4. Other Sectors	30,695.29	29,255.50	31,507.86	29,680.55	31,877.63	31,107.89	30,676.93	28,755.43	26,312.76	28,735.87
5. Other	92.90	92.55	94.68	93.54	91.61	91.63	92.12	92.13	67.67	60.92
B. Fugitive Emissions from Fuels	109.91	165.20	147.53	152.86	111.26	102.26	104.25	130.55	114.79	116.56
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	109.91	165.20	147.53	152.86	111.26	102.26	104.25	130.55	114.79	116.56
2. Industrial Processes	9,568.91	9,668.97	9,106.11	9,894.27	9,811.36	10,068.02	10,151.21	10,116.67	9,971.12	9,803.97
A. Mineral Products	6,052.44	6,143.50	5,800.90	6,320.59	5,829.10	5,802.95	5,765.20	6,045.58	5,898.67	5,961.23
B. Chemical Industry	1,675.12	1,646.91	1,650.74	1,767.56	2,228.17	2,477.85	2,684.78	2,279.71	2,422.84	2,186.54
C. Metal Production	1,841.34	1,878.56	1,654.48	1,806.13	1,754.09	1,787.22	1,701.23	1,791.38	1,649.61	1,656.20
D. Other Production	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4. Agriculture										
A. Enteric Fermentation										
B. Manure Management										
C. Rice Cultivation										
D. Agricultural Soils										
E. Prescribed Burning of Savannas										
F. Field Burning of Agricultural Residues										
G. Other										
5. Land Use, Land-Use Change and Forestry(2)	-748.18	-729.71	-908.93	-1,399.77	-1,454.03	-1,341.55	-1,360.00	-1,325.10	-1,308.88	-1,306.47
A. Forest Land	-3,132.55	-3,133.41	-3,331.95	-3,842.90	-3,917.35	-3,824.94	-3,863.53	-3,848.78	-3,824.22	-3,776.43
B. Cropland	1,446.58	1,477.40	1,508.23	1,539.18	1,570.13	1,601.08	1,632.03	1,662.98	1,704.57	1,785.82
C. Grassland	395.44	356.64	317.83	279.29	240.82	202.22	163.69	125.16	111.68	-13.20
D. Wetlands	12.51	11.62	10.73	9.91	9.09	8.26	7.44	6.62	-14.60	-20.69
E. Settlements	482.16	508.18	534.21	560.51	586.81	613.12	639.43	665.74	638.35	611.73
F. Other Land	47.68	49.85	52.01	54.24	56.47	58.71	60.94	63.17	75.34	106.30
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	168.80	171.60	187.20	424.45	463.27	506.98	581.51	610.47	735.36	699.08
A. Solid Waste Disposal on Land	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Waste-water Handling										
C. Waste Incineration	168.80	171.60	187.20	424.45	463.27	506.98	581.51	610.47	735.36	699.08
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in Summary 1.A)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CO2 emissions including net CO2 from LULUCF	122,803.84	124,526.45	124,318.90	123,577.83	126,713.25	127,528.91	124,257.23	120,480.35	116,133.62	119,231.04
Total CO2 emissions excluding net CO2 from LULUCF	123,552.02	125,256.16	125,227.83	124,977.60	128,167.27	128,870.46	125,617.23	121,805.45	117,442.49	120,537.51
Memo Items:										
International Bunkers	19,421.40	20,697.04	20,402.46	26,138.57	26,782.49	27,960.41	28,487.53	30,961.51	34,399.21	35,252.91
Aviation	4,576.18	4,645.52	4,201.88	3,497.45	3,812.23	3,713.58	3,531.20	3,676.87	3,971.90	4,282.75
Marine	14,845.22	16,051.52	16,200.58	22,641.12	22,970.26	24,246.82	24,956.33	27,284.64	30,427.32	30,970.15
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass	2,605.68	2,660.04	2,891.92	3,010.52	3,562.80	4,106.76	4,472.88	5,264.62	6,073.83	7,174.70

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

Emission trends (CO₂)
(Sheet 3 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	(Gg)	(Gg)	(Gg)	%
1. Energy	100,569.15	106,711.16	96,361.31	-12.71
A. Fuel Combustion (Sectoral Approach)	100,451.93	106,608.07	96,268.18	-12.72
1. Energy Industries	25,713.21	26,246.38	21,860.53	-26.62
2. Manufacturing Industries and Construction	19,797.61	23,389.21	23,346.37	-28.40
3. Transport	26,934.13	26,856.90	26,772.64	31.07
4. Other Sectors	27,951.37	30,068.13	24,239.03	-11.28
5. Other	55.61	47.45	49.60	-69.25
B. Fugitive Emissions from Fuels	117.22	103.09	93.14	10.28
1. Solid Fuels	NO	NO	NO	0.00
2. Oil and Natural Gas	117.22	103.09	93.14	10.28
2. Industrial Processes	7,090.30	7,476.29	7,585.52	-9.91
A. Mineral Products	4,690.98	4,804.55	5,095.96	-11.38
B. Chemical Industry	1,540.47	1,773.05	1,949.77	201.45
C. Metal Production	858.86	898.69	539.79	-73.31
D. Other Production	IE	IE	IE	0.00
E. Production of Halocarbons and SF ₆				
F. Consumption of Halocarbons and SF ₆				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	NA	NA	NA	0.00
4. Agriculture				
A. Enteric Fermentation				
B. Manure Management				
C. Rice Cultivation				
D. Agricultural Soils				
E. Prescribed Burning of Savannas				
F. Field Burning of Agricultural Residues				
G. Other				
5. Land Use, Land-Use Change and Forestry(2)	-1,408.87	-1,451.42	-1,438.52	55.12
A. Forest Land	-3,829.86	-3,841.38	-3,823.26	21.83
B. Cropland	1,800.40	1,814.97	1,831.13	56.62
C. Grassland	-63.25	-101.83	-116.11	-115.59
D. Wetlands	-21.27	-21.85	-22.43	-209.13
E. Settlements	598.66	592.07	585.43	136.04
F. Other Land	106.45	106.60	106.70	277.92
G. Other	NO	NO	NO	0.00
6. Waste	598.28	690.79	525.28	80.97
A. Solid Waste Disposal on Land	NA, NO	NA, NO	NA, NO	0.00
B. Waste-water Handling				
C. Waste Incineration	598.28	690.79	525.28	80.97
D. Other	NA	NA	NA	0.00
7. Other (as specified in Summary 1.A)	NO	NO	NO	0.00
Total CO₂ emissions including net CO₂ from LULUCF	106,848.85	113,426.83	103,033.59	-12.81
Total CO₂ emissions excluding net CO₂ from LULUCF	108,257.72	114,878.25	104,472.11	-12.28
Memo Items:				
International Bunkers	26,596.15	25,076.21	29,539.49	80.14
Aviation	3,900.34	4,118.64	4,251.31	37.37
Marine	22,695.81	20,957.57	25,288.18	90.09
Multilateral Operations	NO	NO	NO	0.00
CO₂ Emissions from Biomass	8,295.80	9,683.03	9,745.59	387.84

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

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

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

Custom Footnotes

Emission trends (CH₄)

(Sheet 1 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year (1990)	1991	1992	1993	1994	1995	1996	1997	1998
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
1. Energy	63.56	58.62	51.67	52.79	45.93	46.25	46.40	42.75	41.39
A. Fuel Combustion (Sectoral Approach)	22.70	23.68	23.31	22.59	20.37	20.35	21.31	19.02	18.59
1. Energy Industries	0.83	0.82	0.77	0.76	0.78	0.77	0.67	0.62	0.66
2. Manufacturing Industries and Construction	3.94	3.69	3.35	3.04	3.10	3.16	2.96	2.99	3.25
3. Transport	6.07	6.13	6.48	6.28	6.04	5.97	5.72	5.06	4.82
4. Other Sectors	11.85	13.04	12.70	12.50	10.45	10.44	11.95	10.35	9.86
5. Other	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
B. Fugitive Emissions from Fuels	40.86	34.94	28.36	30.19	25.56	25.90	25.09	23.73	22.79
1. Solid Fuels	15.70	9.98	4.10	0.89	0.83	0.83	0.83	0.75	0.65
2. Oil and Natural Gas	25.16	24.96	24.26	29.30	24.73	25.06	24.25	22.98	22.14
2. Industrial Processes	0.00	0.01	0.01	0.12	0.15	0.13	0.19	0.19	0.27
A. Mineral Products	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Chemical Industry	0.00	0.01	0.01	0.12	0.15	0.13	0.19	0.19	0.27
C. Metal Production	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, 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
3. Solvent and Other Product Use									
4. Agriculture	270.02	266.75	266.11	270.55	270.01	273.95	270.33	268.66	268.71
A. Enteric Fermentation	201.55	200.46	198.48	200.72	200.46	202.60	198.83	196.71	195.02
B. Manure Management	68.47	66.29	67.63	69.83	69.55	71.34	71.50	71.96	73.69
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.02	0.02	0.02	0.02	0.02	0.00	1.09	0.01	0.02
A. Forest Land	0.02	0.02	0.02	0.01	0.02	0.00	1.08	0.01	0.02
B. Cropland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
C. Grassland	NE, NO	NE, NO	NE, NO	0.01	0.00	NE, NO	0.01	0.00	0.00
D. Wetlands	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	134.59	134.12	134.87	124.76	130.64	127.97	119.84	118.86	113.39
A. Solid Waste Disposal on Land	124.47	123.94	124.61	114.49	120.36	117.78	109.76	108.97	103.85
B. Waste-water Handling	10.02	10.07	10.13	10.13	10.11	9.91	9.71	9.37	8.98
C. Waste Incineration	NA	NA	NA	NA	NA	NA	NA	NA	NA
D. Other	0.10	0.10	0.13	0.14	0.16	0.27	0.37	0.52	0.56
7. Other (as specified in Summary 1.A)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CH4 emissions including CH4 from LULUCF	468.19	459.52	452.68	448.24	446.74	448.30	437.85	430.47	423.77
Total CH4 emissions excluding CH4 from LULUCF	468.16	459.50	452.66	448.21	446.73	448.29	436.76	430.46	423.75
Memo Items:									
International Bunkers	0.11	0.11	0.11	0.10	0.11	0.11	0.12	0.12	0.12
Aviation	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08
Marine	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass									

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

Emission trends (CH₄)
(Sheet 2 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
1. Energy	40.35	38.33	38.43	35.52	34.92	34.60	34.55	34.74	34.67	34.41
A. Fuel Combustion (Sectoral Approach)	17.54	16.12	16.53	14.75	15.06	15.00	14.24	14.58	14.59	15.46
1. Energy Industries	0.56	0.66	0.65	0.64	0.64	0.65	0.66	0.97	1.66	1.66
2. Manufacturing Industries and Construction	3.17	3.61	3.64	3.49	3.64	3.73	3.27	3.61	3.25	3.82
3. Transport	4.40	3.16	2.89	2.57	2.37	2.12	1.82	1.50	1.29	1.14
4. Other Sectors	9.40	8.69	9.35	8.04	8.39	8.50	8.49	8.49	8.38	8.84
5. Other	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00
B. Fugitive Emissions from Fuels	22.81	22.20	21.90	20.77	19.86	19.60	20.31	20.16	20.08	18.95
1. Solid Fuels	0.62	0.63	0.64	0.54	0.53	0.57	0.56	0.57	0.50	0.30
2. Oil and Natural Gas	22.18	21.57	21.26	20.23	19.33	19.03	19.75	19.60	19.58	18.66
2. Industrial Processes	0.26	0.20	0.27	0.35	0.41	0.94	2.52	2.97	3.30	2.57
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	0.26	0.20	0.25	0.35	0.41	0.52	0.56	0.27	0.55	0.28
C. Metal Production	IE, NA, NO	IE, NA, NO	0.02	IE, NA, NO	IE, NA, NO	0.42	1.96	2.70	2.75	2.29
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use										
4. Agriculture	270.11	260.88	258.66	250.59	242.61	240.07	236.90	235.06	240.48	238.85
A. Enteric Fermentation	195.53	189.56	189.75	183.37	177.22	176.03	173.51	171.89	175.73	173.94
B. Manure Management	74.58	71.32	68.92	67.22	65.39	64.04	63.39	63.17	64.75	64.91
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.00	0.00	0.00	0.01	0.01	NE, NO	0.00	0.00	0.00	NE, NO
A. Forest Land	0.00	0.00	0.00	0.01	0.01	NE, NO	0.00	0.00	0.00	NE, NO
B. Cropland	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
C. Grassland	0.00	0.00	NE, NO	NE, NO	0.00	NE, NO	NE, NO	NE, NO	NE, NO	NE, 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	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	106.84	102.14	88.09	79.00	65.22	64.12	56.17	53.04	46.57	41.71
A. Solid Waste Disposal on Land	98.74	94.42	81.27	72.55	59.09	58.18	50.39	47.01	40.78	36.23
B. Waste-water Handling	7.46	7.03	6.16	5.75	5.49	5.24	5.11	5.11	4.81	4.57
C. Waste Incineration	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D. Other	0.63	0.70	0.66	0.69	0.64	0.70	0.67	0.93	0.98	0.90
7. Other (as specified in Summary 1.A)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CH4 emissions including CH4 from LULUCF	417.55	401.55	385.46	365.47	343.16	339.73	330.14	325.82	325.00	317.54
Total CH4 emissions excluding CH4 from LULUCF	417.55	401.55	385.46	365.46	343.15	339.73	330.14	325.82	325.00	317.54
Memo Items:										
International Bunkers	0.13	0.13	0.12	0.11	0.11	0.11	0.11	0.10	0.11	0.11
Aviation	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Marine	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.03
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass										

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

Emission trends (CH₄)
(Sheet 3 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	(Gg)	(Gg)	(Gg)	%
1. Energy	33.05	36.57	32.28	-49.21
A. Fuel Combustion (Sectoral Approach)	14.06	15.35	12.87	-43.31
1. Energy Industries	1.68	1.96	1.82	117.86
2. Manufacturing Industries and Construction	2.53	3.21	2.85	-27.51
3. Transport	0.94	0.93	0.90	-85.27
4. Other Sectors	8.91	9.26	7.29	-38.43
5. Other	0.00	0.00	0.00	65.80
B. Fugitive Emissions from Fuels	19.00	21.22	19.41	-52.49
1. Solid Fuels	0.19	0.29	0.28	-98.23
2. Oil and Natural Gas	18.80	20.92	19.14	-23.95
2. Industrial Processes	1.03	0.94	0.56	92,432.88
A. Mineral Products	NA, NO	NA, NO	NA, NO	0.00
B. Chemical Industry	0.18	0.33	0.09	13,903.37
C. Metal Production	0.84	0.60	0.48	100.00
D. Other Production				
E. Production of Halocarbons and SF ₆				
F. Consumption of Halocarbons and SF ₆				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use				
4. Agriculture	239.55	241.61	238.05	-11.84
A. Enteric Fermentation	174.08	174.73	171.76	-14.78
B. Manure Management	65.46	66.88	66.29	-3.18
C. Rice Cultivation	NO	NO	NO	0.00
D. Agricultural Soils	NA	NA	NA	0.00
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	NO	NO	NO	0.00
G. Other	NA	NA	NA	0.00
5. Land Use, Land-Use Change and Forestry	NE, NO	NE, NO	0.30	1,204.88
A. Forest Land	NE, NO	NE, NO	0.13	466.67
B. Cropland	NE, NO	NE, NO	NE, NO	0.00
C. Grassland	NE, NO	NE, NO	0.17	100.00
D. Wetlands	NE, NO	NE, NO	NE, NO	0.00
E. Settlements	NO	NO	NO	0.00
F. Other Land	NO	NO	NO	0.00
G. Other	NO	NO	NO	0.00
6. Waste	39.84	37.13	37.51	-72.13
A. Solid Waste Disposal on Land	34.17	31.24	31.45	-74.73
B. Waste-water Handling	4.65	4.74	4.84	-51.73
C. Waste Incineration	NA	NA	NA	0.00
D. Other	1.02	1.15	1.22	1,076.78
7. Other (as specified in Summary 1.A)	NO	NO	NO	0.00
Total CH₄ emissions including CH₄ from LULUCF	313.47	316.26	308.70	-34.06
Total CH₄ emissions excluding CH₄ from LULUCF	313.47	316.26	308.40	-34.12
Memo Items:				
International Bunkers	0.09	0.09	0.09	-15.19
Aviation	0.06	0.06	0.06	12.82
Marine	0.03	0.03	0.03	-44.54
Multilateral Operations	NO	NO	NO	0.00
CO₂ Emissions from Biomass				

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

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

Custom Footnotes

Table 1(c)

BEL_BR1_v1.0

Emission trends (N₂O)
(Sheet 1 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year (1990)	1991	1992	1993	1994	1995	1996	1997	1998
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
1. Energy	2.11	2.23	2.28	2.36	2.48	2.57	2.75	2.74	2.87
A. Fuel Combustion (Sectoral Approach)	2.11	2.23	2.28	2.36	2.48	2.57	2.75	2.74	2.87
1. Energy Industries	0.59	0.65	0.65	0.63	0.64	0.59	0.66	0.67	0.70
2. Manufacturing Industries and Construction	0.34	0.33	0.33	0.31	0.30	0.32	0.29	0.30	0.31
3. Transport	0.84	0.89	0.95	1.06	1.19	1.31	1.41	1.42	1.51
4. Other Sectors	0.33	0.35	0.35	0.35	0.34	0.35	0.39	0.35	0.35
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	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO
2. Industrial Processes	12.72	12.39	11.35	12.15	13.83	14.99	16.45	15.44	15.65
A. Mineral Products	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
B. Chemical Industry	12.72	12.39	11.35	12.15	13.83	14.99	16.45	15.44	15.65
C. Metal Production	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Other Production									
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	0.69	0.68	0.68	0.67	0.66	0.65	0.64	0.64	0.64
4. Agriculture	18.61	18.41	18.20	18.27	18.31	18.64	18.15	18.13	18.21
A. Enteric Fermentation									
B. Manure Management	3.10	3.09	3.06	3.13	3.15	3.20	3.19	3.18	3.15
C. Rice Cultivation									
D. Agricultural Soils	15.51	15.31	15.13	15.14	15.16	15.44	14.96	14.95	15.06
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.04	0.06	0.07	0.08	0.09	0.09	0.85	0.13	0.14
A. Forest Land	0.02	0.02	0.01	0.01	0.01	0.00	0.74	0.01	0.01
B. Cropland	0.03	0.04	0.05	0.07	0.08	0.09	0.10	0.12	0.13
C. Grassland	NE, NO	NE, NO	NE, NO	0.01	0.00	NE, NO	0.00	0.00	0.00
D. Wetlands	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	0.96	0.97	0.99	1.00	0.97	0.96	0.96	0.96	0.97
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.95	0.96	0.98	0.99	0.96	0.96	0.95	0.95	0.97
C. Waste Incineration	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in Summary 1.A)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total N2O emissions including N2O from LULUCF	35.13	34.73	33.56	34.52	36.34	37.90	39.80	38.04	38.48
Total N2O emissions excluding N2O from LULUCF	35.09	34.68	33.49	34.44	36.25	37.81	38.94	37.92	38.34
Memo Items:									
International Bunkers	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
Aviation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
Marine	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass									

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

Emission trends (N₂O)
(Sheet 2 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
1. Energy	2.87	2.49	2.48	2.42	2.49	2.47	2.02	1.95	2.06	2.13
A. Fuel Combustion (Sectoral Approach)	2.87	2.49	2.48	2.42	2.49	2.47	2.02	1.95	2.06	2.13
1. Energy Industries	0.64	0.69	0.67	0.66	0.71	0.68	0.43	0.40	0.40	0.38
2. Manufacturing Industries and Construction	0.33	0.34	0.34	0.34	0.34	0.35	0.36	0.38	0.51	0.49
3. Transport	1.55	1.13	1.12	1.09	1.09	1.08	0.89	0.83	0.83	0.92
4. Other Sectors	0.35	0.33	0.35	0.33	0.35	0.35	0.35	0.33	0.32	0.34
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	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO
1. Solid Fuels	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Oil and Natural Gas	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO
2. Industrial Processes	15.17	14.76	14.21	12.86	10.38	10.99	11.03	8.31	6.19	6.20
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	15.17	14.76	14.21	12.86	10.38	10.99	11.03	8.31	6.19	6.20
C. Metal Production	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Solvent and Other Product Use	0.63	0.69	0.69	0.69	0.69	0.69	0.69	0.68	0.68	0.68
4. Agriculture	18.33	16.75	16.51	16.32	15.31	15.35	14.88	14.60	14.47	14.12
A. Enteric Fermentation										
B. Manure Management	3.17	2.88	2.86	2.76	2.62	2.62	2.57	2.51	2.49	2.49
C. Rice Cultivation										
D. Agricultural Soils	15.16	13.88	13.65	13.56	12.69	12.73	12.31	12.09	11.97	11.64
E. Prescribed Burning of Savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.14	0.15	0.17	0.19	0.20	0.20	0.21	0.23	0.25	0.26
A. Forest Land	0.00	0.00	0.00	0.01	0.00	NE, NO	0.00	0.00	0.00	NE, NO
B. Cropland	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.23	0.24	0.26
C. Grassland	0.00	0.00	NE, NO	NE, NO	0.00	NE, NO	NE, NO	NE, NO	NE, NO	NE, 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	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other Land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Waste	0.99	0.91	0.96	0.94	0.93	0.94	0.94	0.94	0.94	0.95
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.99	0.90	0.95	0.93	0.93	0.94	0.93	0.94	0.94	0.95
C. Waste Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Other (as specified in Summary 1.A)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total N2O emissions including N2O from LULUCF	38.15	35.76	35.01	33.41	30.00	30.63	29.76	26.70	24.59	24.35
Total N2O emissions excluding N2O from LULUCF	38.00	35.60	34.85	33.23	29.80	30.42	29.55	26.47	24.34	24.08
Memo Items:										
International Bunkers	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
Aviation	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.03	0.03	0.04
Marine	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Multilateral Operations	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CO2 Emissions from Biomass										

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

Emission trends (N₂O)
(Sheet 3 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	(Gg)	(Gg)	(Gg)	%
1. Energy	2.17	2.18	2.13	0.77
A. Fuel Combustion (Sectoral Approach)	2.17	2.18	2.13	0.77
1. Energy Industries	0.52	0.48	0.49	-18.01
2. Manufacturing Industries and Construction	0.42	0.55	0.51	50.83
3. Transport	0.89	0.81	0.82	-1.94
4. Other Sectors	0.33	0.34	0.30	-8.92
5. Other	0.00	0.00	0.00	-64.71
B. Fugitive Emissions from Fuels	IE, NA, NO	IE, NA, NO	IE, NA, NO	0.00
1. Solid Fuels	NO	NO	NO	0.00
2. Oil and Natural Gas	IE, NA, NO	IE, NA, NO	IE, NA, NO	0.00
2. Industrial Processes	6.54	8.37	4.52	-64.50
A. Mineral Products	NA, NO	NA, NO	NA, NO	0.00
B. Chemical Industry	6.54	8.37	4.52	-64.50
C. Metal Production	NO	NO	NO	0.00
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	0.68	0.68	0.68	-1.07
4. Agriculture	14.40	14.47	14.51	-22.05
A. Enteric Fermentation				
B. Manure Management	2.50	2.53	2.48	-19.93
C. Rice Cultivation				
D. Agricultural Soils	11.90	11.94	12.02	-22.47
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	NO	NO	NO	0.00
G. Other	NA	NA	NA	0.00
5. Land Use, Land-Use Change and Forestry	0.28	0.30	0.53	1,142.02
A. Forest Land	NE, NO	NE, NO	0.09	466.67
B. Cropland	0.28	0.30	0.32	1,105.24
C. Grassland	NE, NO	NE, NO	0.12	100.00
D. Wetlands	NE, NO	NE, NO	NE, NO	0.00
E. Settlements	NO	NO	NO	0.00
F. Other Land	NO	NO	NO	0.00
G. Other	NO	NO	NO	0.00
6. Waste	0.95	0.96	0.97	1.35
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.95	0.96	0.97	2.28
C. Waste Incineration	0.00	0.00	0.00	-97.83
D. Other	NA	NA	NA	0.00
7. Other (as specified in Summary 1.A)	NO	NO	NO	0.00
Total N2O emissions including N2O from LULUCF	25.03	26.98	23.33	-33.59
Total N2O emissions excluding N2O from LULUCF	24.75	26.67	22.80	-35.02
Memo Items:				
International Bunkers	0.06	0.07	0.08	130.66
Aviation	0.04	0.05	0.05	612.55
Marine	0.02	0.02	0.02	-8.61
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass				

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

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

Custom Footnotes

Data extracted from the November 2013 Belgian inventory re-submission (v1.6).

Table 1(d)

BEL_BR1_v1.0

Emission trends (HFCs, PFCs and SF₆)

(Sheet 1 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year (1990)	1991	1992	1993	1994	1995	1996	1997	1998
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
Emissions of HFCs(3) - (Gg CO₂ equivalent)	NA, NO	NA, NO	444.52	444.52	450.96	451.73	539.50	650.20	786.17
HFC-23	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-32	NA, NO	NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	IE, NA, NO	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	IE, NA, NO	IE, NA, NO	0.00	0.00	0.00	0.01	0.02
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	NA, NO	NA, NO	0.34	0.34	0.34	0.34	0.39	0.45	0.49
HFC-152a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.01
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	IE, NA, NO	IE, NA, NO	0.00	0.00	0.00	0.01	0.02
HFC-227ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00
HFC-236fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of listed HFCs ⁽⁴⁾ - (Gg CO ₂ equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCs(3) - (Gg CO₂ equivalent)	1,753.32	1,677.72	1,829.52	1,758.67	2,113.04	2,335.24	2,217.41	1,211.43	669.33
CF ₄	0.05	0.05	0.05	0.05	0.06	0.07	0.07	0.02	0.00
C ₂ F ₆	0.06	0.05	0.06	0.05	0.07	0.07	0.07	0.04	0.02
C ₃ F ₈	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.03	0.01
C ₄ F ₁₀	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.02	0.01
c-C ₄ F ₈	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C ₅ F ₁₂	0.04	0.04	0.05	0.04	0.06	0.06	0.06	0.02	0.03
C ₆ F ₁₄	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02
Unspecified mix of listed PFCs ⁽⁴⁾ - (Gg CO ₂ equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF₆(3) - (Gg CO₂ equivalent)	1,662.49	1,576.25	1,743.82	1,676.56	2,035.35	2,205.16	2,120.86	526.39	271.44
SF ₆	0.07	0.07	0.07	0.07	0.09	0.09	0.09	0.02	0.01

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

Table 1(d)

BEL_BR1_v1.0

Emission trends (HFCs, PFCs and SF₆)**(Sheet 2 of 3)**

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)	(Gg)
Emissions of HFCs(3) - (Gg CO₂ equivalent)	814.96	943.28	1,071.31	1,290.07	1,442.09	1,479.48	1,461.82	1,559.19	1,738.90	1,821.60
HFC-23	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00
HFC-32	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	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	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-125	0.03	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.45	0.47	0.51	0.56	0.60	0.58	0.53	0.55	0.61	0.62
HFC-152a	0.03	0.11	0.07	0.38	0.33	0.29	0.21	0.21	0.30	0.32
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	0.03	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14
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 HFCs ⁽⁴⁾ - (Gg CO ₂ equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCs(3) - (Gg CO₂ equivalent)	347.97	360.90	222.60	82.22	208.79	307.36	154.27	158.80	180.47	201.87
CF ₄	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
C ₂ F ₆	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00
C ₃ F ₈	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00
C ₄ F ₁₀	0.00	0.00	NA, NO	NA, NO	0.00	0.01	0.01	0.01	0.01	0.00
c-C ₄ F ₈	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C ₃ F ₁₂	0.02	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00
C ₆ F ₁₄	0.02	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.01	0.02
Unspecified mix of listed PFCs ⁽⁴⁾ - (Gg CO ₂ equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF₆(3) - (Gg CO₂ equivalent)	116.09	111.52	129.06	112.03	99.91	84.34	85.97	75.03	81.13	91.19
SF ₆	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

Emission trends (HFCs, PFCs and SF₆)

(Sheet 3 of 3)

CRF: Submission 2014 v1.6, BELGIUM

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	(Gg)	(Gg)	(Gg)	%
Emissions of HFCs(3) - (Gg CO₂ equivalent)	1,882.52	1,936.25	1,996.06	100.00
HFC-23	0.00	0.00	0.00	100.00
HFC-32	0.03	0.03	0.03	100.00
HFC-41	NA, NO	NA, NO	NA, NO	0.00
HFC-43-10mee	NA, NO	NA, NO	NA, NO	0.00
HFC-125	0.16	0.16	0.17	100.00
HFC-134	NA, NO	NA, NO	NA, NO	0.00
HFC-134a	0.63	0.64	0.66	100.00
HFC-152a	0.33	0.35	0.32	100.00
HFC-143	NA, NO	NA, NO	NA, NO	0.00
HFC-143a	0.15	0.15	0.15	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 HFCs ⁽⁴⁾ - (Gg CO ₂ equivalent)	NA, NO	NA, NO	NA, NO	0.00
Emissions of PFCs(3) - (Gg CO₂ equivalent)	115.78	85.44	178.99	-89.79
CF ₄	0.00	0.00	0.00	-97.38
C ₂ F ₆	0.00	0.00	0.00	-99.74
C ₃ F ₈	0.00	0.00	0.00	-98.72
C ₄ F ₁₀	0.00	0.00	0.02	-31.50
c-C ₄ F ₈	NA, NO	NA, NO	NA, NO	0.00
C ₅ F ₁₂	0.00	0.00	0.00	-100.00
C ₆ F ₁₄	0.01	0.01	0.00	-87.15
Unspecified mix of listed PFCs ⁽⁴⁾ - (Gg CO ₂ equivalent)	NA, NO	NA, NO	NA, NO	0.00
Emissions of SF₆(3) - (Gg CO₂ equivalent)	97.15	111.15	116.30	-93.00
SF ₆	0.00	0.00	0.00	-93.00

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

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

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

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

Custom Footnotes

Data extracted from the November 2013 Belgian inventory re-submission (v1.6).

Documentation Box:

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Table 2(a)

BEL_BR1_v1.0

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

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

^b Optional.

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

<i>Gases covered</i>		<i>Base year for each gas (year):</i>
CO ₂		1990
CH ₄		1990
N ₂ O		1990
HFCs		1995
PFCs		1995
SF ₆		1995
NF ₃		not yet defined
Other Gases (specify)		
Sectors covered ^b	Energy	Yes
	Transport ^f	Yes
	Industrial processes ^g	Yes
	Agriculture	Yes
	LULUCF	No
	Waste	Yes
	Other Sectors (specify)	
	Use of N ₂ O for Anaesthesia (CRF 3)	Yes
	Aviation	Yes
	Fugitive emissions from fuels (CRF 1B)	Yes

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

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

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

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

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

Abbreviations : GWP = global warming potential

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

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

Role of LULUCF	LULUCF in base year level and target	Excluded
	Contribution of LULUCF is calculated using	

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

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

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

<i>Market-based mechanisms under the Convention</i>	<i>Possible scale of contributions (estimated kt CO₂ eq)</i>
CERs	
ERUs	
AAUs ⁱ	
Carry-over units ^j	
Other mechanism units under the Convention (specify) ^d	

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

ⁱ AAUs issued to or purchased by a Party.

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

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

<i>Other market-based mechanisms</i>	<i>Possible scale of contributions</i>
<i>(Specify)</i>	<i>(estimated kt CO₂ eq)</i>

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

Description of quantified economy-wide emission reduction target: any other information^{a,b}

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

Custom Footnotes

Table 2(a) : Whereas the base year of the EU and its Member States is 1990 for the purposes of the target as reflected in FCCC/SB/2011/INF.1/Rev.1, the information on QELROs by the EU and its Member States will reflect the flexibilities to set individual base years provided under the Kyoto Protocol. For Belgium the base year is 1990 for CO₂, N₂O and CH₄ while it is 1995 for F-gases. See FCCC/AWGLCA/2012/MISC.1

Table 2(a) : Emission reductions target of 20% = Joint target for the EU and 27 MS as referred to in document FCCC/SB/2011/INF.1/Rev.1

Table 2(a) : Period for reaching target : Legally binding target trajectories for the period 2013-2020 are enshrined in both the EU-ETS and the ESD. These legally binding trajectories not only result in a 20% GHG reduction in 2020 compared to 1990 but also define the EU's target pathway to reduce EU GHG emissions from 2013 to 2020. [see FCCC/AWGLCA/2012/MISC.1]

Table 2(b) : Gases covered (except NF3): Whereas the base year of the EU and its Member States is 1990 for the purposes of the target as reflected in FCCC/SB/2011/INF.1/Rev.1, the information on QELROs by the EU and its Member States will reflect the flexibilities to set individual base years provided under the Kyoto Protocol. See FCCC/AWGLCA/2012/MISC.1 as adopted in UNFCCC reporting guidelines for national GHG inventories of Annex I Parties and as adopted under the EU Monitoring Mechanism Regulation.

Table 2(b) : Sectors covered (Energy): Emissions covered under EU pledge incl. fuel combustion activities, fugitive emissions from fuels, and CO₂ transport and storage. See FCCC/AWGLCA/2012/MISC.1

Table 2(b) : Sectors covered (Transport, Industrial processes, agriculture, waste) : **Emissions covered under EU pledge**

Table 2(b) : Sectors covered (LULUCF) : Emissions not covered under EU pledge. See FCCC/AWGLCA/2012/MISC.1

Table 2(b) : Sectors covered (Aviation) : Emissions partly covered under EU pledge. CO₂ emissions from all flights falling within the aviation activities listed in Annex I of the EU ETS Directive which depart from an airport situated in the territory of a Member State and those which arrive in such an airport from a third country, excluding small commercial emitters. least 20 % compared to 1990 by 2020. The EU LULUCF sector is however estimated to be a net sink over that period. EU inventories do however include information on emissions from Land Use, Land Use Change and Forestry in accordance with relevant reporting commitments under the UNFCCC and the KP. To prepare a robust basis for addressing emissions/removals taking place in the LULUCF sectors in the future and building on decisions 2/CMP.7, Decision 529/2013/EC prepares the accounting of these emissions in the EU, and invites Member States to report on LULUCF Actions that will provide information on actions undertaken to reduce emissions, increase removals and protect carbon stocks in the sector. See FCCC/AWGLCA/2012/MISC.1. This sector will

Table 2(d) : Under the KP Belgium uses the reference level approach for Forest management . The Belgian RL was based on projections, submitted to the UNFCCC in 2011 and subject to a technical assessment in 2011, as foreseen by decision 2/CMP.6. The final value is the appendix of Decision 2/CMP.7.

Table 2(c) : Gases and sectors covered GWP values : The Global Warming Potentials used to aggregate EU GHG emissions up to 2020 under existing EU legislation are those based on the 4th Assessment Report of the Intergovernmental Panel of Climate Change (IPCC AR4), as adopted in decision 4.CMP.7 §5. Until the 2015 submission, IPCC AR2 GWP are in use. Community's greenhouse gas emission reduction commitments up to 2020 allows Certified Emission Reductions (CERs) and Emission Reduction Units (ERUs) to be used for compliance purposes, subject to a number of restrictions in terms of origin and type of project and up to an established limit. In addition, the legislation foresees the possible recognition of units from new market mechanisms. Under the EU ETS the limit does not exceed 50% of the required reduction below 2005 levels. In the sectors not covered by the ETS, annual use shall not exceed to 3 % of each Member State's non-ETS greenhouse gas emissions in 2005. According to art. 5 (5) of Decision 406/2009/EC (ESD) a limited number of Member States may use an additional 1%, from projects in LDCs or SIDS subject

Table 2(e)I : Market-based mechanisms (CERs, ERUs) : The exact number of units that can be used during the period 2013-2020 can only be determined following the availability of final data concerning the use of these units during the period 2008-2012 and relevant greenhouse gas emissions data. The use of these units under the ETS Directive and the Effort Sharing Decision is subject to the limits specified above which do not separate between CERs and ERUs, but include additional criteria for the use of CERs and ERUs.

Table 2(e)I : Market-based mechanisms (AAUs) : AAUs for the period 2013-2020 have not yet been determined. The EU expects to achieve its 20% target for the period 2013-2020 with the implementation of the ETS Directive and the ESD Decision in the non-ETS sectors which do not allow the use of AAUs from non-EU Parties. the period 2013-2020 can only be determined after the true-up period of the first commitment period. In the second commitment period the use of such units in the PPSR account depend on the extent by which emissions during the second commitment period exceed the assigned amount for that commitment period, which can only be determined at the end of the second commitment period. At CMP.9 the EU made a declaration when adopting the Doha amendment of the Kyoto Protocol that the European Union legislation on Climate-Energy Package for the implementation of its emission reduction objectives for the period 2013-2020 does not allow the use of surplus AAUs carried over from the first commitment period to meet these objectives.

Table 2(e)I : Other mechanism units : Article 5 (2) of Decision 406/2009/EC allow for the use of such units provided that the necessary legal arrangements for the creation of such units have been put in place in the EU which is not the case at the point in time of the provision of this report.

Table 2(e)II : Other market-based mechanisms : Not applicable. Belgium does not recognize the use of market-based mechanisms other than those under the Convention for the achievements of quantified economy-wide emission reduction targets.

Table 2(b) : Sector covered : Use of N₂O for Anaesthesia (CRF 3) and Fugitive emissions from fuels (CRF 1B): These sectors are only mentioned here for technical reason i.e. adding these sectors in table 6.

Table 3

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EP-A01 : Green and/or CHP certificates	Energy	CO ₂	"Increase profitability of electricity production from RES and CHP Flemish Region (authority : VREG) : Green certificates and CGP certificates are separate instruments 1/ The share of electricity supplies covered by RES should reach 6% by 2010 and 13% by 2020 2/ The share covered by CHP should be 19% in 2010 (and a higher share by 2020) Walloon Region (authority CwAPE) : Both high efficiency CHP and RES electricity productions generate green certificates. 26,7% of electricity supplies should be covered by 2015, 37,9% by 2020, yielding 8000 GWh of electricity from RES."	Economic	Implemented	"Principle of a system of green certificates : 1. A green certificate is allocated to a producer of green electricity every time its production avoids the emission of a fixed amount of CO ₂ , if it had to be produced in a reference fossil fuel plant (natural gas CCGT). 2. Each year, a predefined (and annually increasing) percentage of electricity supplied to end users has to be covered by green electricity. Suppliers must reconstitute the necessary number of green certificates to demonstrate that they respect that rule. In case of failure, a penalty fee is due. This situation creates a market for green certificates for the benefit of green electricity producers. In Flanders, a similar process is established for CHP, while CHP is integrated in the green certificates system in Brussels and Wallonia. Green certificates and CHP certificates : share of electricity sales to be covered by RES and/or high efficiency CHP. Guaranteed minimum income for suppliers of green energy. Shares are regularly updated by regional regulation authorities. "	2004	"FED : Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2) Flanders: VEA, VREG Wallonia: CwAPE Brussels: IBGE, Brugel"		10,947.00

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 ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EP-A02 : Support for electricity production from RES	Energy	CO ₂	Increase profitability of electricity production from RES and CHP	Economic	Implemented	"Financial support for electricity generation from RES through subsidies "	2004	"FED : Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2) Flanders: VEA, VREG Wallonia : DG04 Energie & DG06 Economie Brussels: IBGE, Sibelga"		IE
EP-A03 : End of tax exemption on coal and heavy fuel	Energy	CO ₂	Discourage the use of coal and heavy fuel in power plants	Fiscal	Implemented	"Exemption from excise has been suppressed & an excise duty on energy for coal and heavy fuel oil products has been established Act of 07/12/2006 amending the excise duty rate for certain energy products (Published in 29/12/2006)"	2004	FED : Finance FPS		IE
EP-A04 : Facilitators services for RES and CHP promotion	Energy	CO ₂	Promotion of RES and high efficiency CHP	Information	Implemented	Facilitators perform promotional actions and provide guidance and technical support to projects holders. They also identify technical and non technical barriers and formulate proposals to lift them. Facilitators exist for each RES technology (windmills, biomethanisation, wood energy, bio-fuels, mini hydro-electricity, PV electricity, ... as well as for CHP	2004	"Flanders: VEA Brussels: IBGE Wallonia : DG04 Energie"		IE
EP-A05 : Action plan for RES and CHP	Energy	CO ₂	Development of biomass/off-shore wind energy /CHP	Economic	Implemented	"Action Plan for renewable energy and CHP. This PaM gathers various plans to promote electricity from RES. The major plan is the development of a large offshore wind farm in the North Sea, aiming at a total capacity of 2 200 MW (recently reviewed from 2 000 MW). Other plans concern notably on-shore windfarms and CHP "	2004	"FED : Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2) Flanders : VEA Wallonia : DGO4 Energie"	2,356.00	

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EP-B01 : ETS : specific policy for quotas allocation to electricity producers	Energy	CO ₂	Establishment of the ETS system in Belgian law; allocations of quotas to reduce GHG emissions from the electricity sector	Economic	Implemented	"Specific improvement for allocation of emission quotas to power plants"	2004	"Health, Food Chain Safety and Environment FPS - DG Environment (register) Flanders: VEA, LNE Brussels: IBGE Wallonia : AwAC"		IE
EP-B02 : Energy planning by electricity producers	Energy	CO ₂	Energy efficiency improvement and GHG emission reductions in the electricity production sector.	Other (planning)	Implemented	Energy planning is required from every high energy consumer industrial site in the Flemish Region. The electricity sector is included in this regulation	2004	Flanders: VEA		NE
EC-A01 : Promotion of rational use of energy by electricity distribution companies as part of their public service obligation	Cross-cutting, Other (Energy conservation)	CO ₂	Promote energy savings through electricity distributors	Economic	Implemented	"In Flanders, the energy distributor manages a compulsory programme promoting RUE among customers, featuring information, demonstrations, various energy services and financial supports for actions and improvements."	2004	"Flanders: VEA Brussels: IBGE, Sibelga"		IE
EC-A02 : Mobilizing the resources of the natural gas fund	Cross-cutting, Other (Energy conservation)	CO ₂	Rational use of energy, extension of natural gas network and security actions	Economic	Implemented	An initial fund managed by natural gas distribution companies, it has now been re-allocated to the Regions for RUE actions, extension of the gas network and security actions.	2004	"Flanders: VEA Brussels: Sibelga"		IE
EC-A03 : Energy performance and certificate of buildings	Cross-cutting, Other (Energy conservation)	CO ₂	Improving the energy efficiency of buildings (by transposition of the EC directive on energy performance of buildings and establishment of the methodology to be used to evaluate the performance of buildings)	Regulatory	Implemented	"Energy performance and certification of buildings (legal and methodological aspects): actions taken in order to transpose the directive including development of the methodology needed to quantify regulations for new buildings and the performance of existing buildings for certification." "	2004	"Flanders: VEA Wallonia: DGO4 Energie Brussels: IBGE"		147.00

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EC-A04 : Appointment of accredited energy experts	Cross-cutting, Other (Energy conservation)	CO ₂	Providing the necessary expertise and information to individuals (and businesses) eager to increase the energy efficiency of their buildings	Information	Implemented	"Accreditation of energy experts based on specific criteria to guarantee their expertise"	2004	"Flanders: VEA Brussels: IBGE"		NE
EC-A05 : Promotion of energy efficient electrical appliances	Cross-cutting, Other (Energy conservation)	CO ₂	Reducing electricity consumptions by individuals	Economic	Implemented	"By promoting energy efficient electric appliances through performance standards and labelling. In addition, premium are offered with the purchase of efficient appliances."	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2) Brussels: IBGE, Sibelga"		NE
EC-B01 : Financial support to RUE and RES in the residential sector	Cross-cutting, Other (Energy conservation)	CO ₂	Reduce energy consumptions in dwellings. Efforts beyond what the regulation imposes are rewarded.	Economic	Implemented	"Financial incentives for the rational use of energy (RUE) and RES : combination of regional subsidies and federal tax deduction for investments generating energy savings. Covers most of equipment such as wall insulation, high performance double glazing, condensing boilers, heating systems regulations, efficient hot water heaters and heat pumps. In Wallonia, application for subsidies can be submitted directly or through the ""Alliance for Employment and Environment"" ,proposing conventions between house owners and the authority : individuals commit to realize a package of investments (minimum one action on the buidling envelope and one on the heating/SHW system) and authorities provide subsidies and offer a 0% interest loan to cover the additional expense. The tax deduction was discontinued in January 2012, except for roof insulation (albeit at a lower rate)."	2004	"FED : Finance FPS Flanders: VEA Wallonia : DGO4 Energie Brussels: IBGE, Sibelga"		1,823.00

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EC-B02 : Efficiency and emission regulation for boilers and stoves in the residential sector	Cross-cutting, Other (Energy conservation)	CO ₂	Establishing minimum efficiency requirements boilers, stoves and HVAC systems	Regulatory	Implemented	"Specific constraints on boilers : standards on CO, PM and NOx emissions and energy efficiency. Compulsory on site inspections on a regular basis to ensure standards are met." "	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Flanders: VEA, LNE"		IE
EC-B03 : Specific support for RUE initiatives for people with low incomes	Cross-cutting, Other (Energy conservation)	CO ₂	Support RUE actions on low wages dwellings, which are often bad energy performers	Economic	Planned	"Specific RUE aid for unprivileged people. Flanders : establishment of a fund to help them finance RUE initiatives, higher subsidies, social roof insulation projects for rental houses, ... Wallonia :special subsidies for people who do not pay income taxes (and thus cannot benefit from tax deductions) "		"Flanders: VEA Brussels: IBGE, AATL Wallonia : DG04 Energie"		6.00
EC-B04 : Improvement of consumers information on the environmental impact of products	Cross-cutting, Other (Energy conservation)	CO ₂	Environmental labelling requirements, standardized methodologies to evaluate environmental impact of products and equipment	Information	Implemented	"Improving information available to consumers to promote products with low environmental impacts "	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2)"		NE
EC-B05 : Energy performance of buildings (residential sector)	Cross-cutting, Other (Energy conservation)	CO ₂	Transposition of the EC directive on energy performance of buildings	Regulatory	Implemented	"Imposition of energy requirements (Energy Performance Decree standard) to homes and apartments Flanders: the requirements for new buildings are tightend step by step so as to reach nearly energy neutral new buildings in 2021. The information on the energy certificates of buildings is gradually expanded so as to better inform (potential) owners and users of buildings. Wallonia : same procedure, however only recent stages have been officially decided. Brussels Capital Region: The Government's decree of 21 December 2007 on EPB stipulates that new buildings have to be passive and heavily renovated ones very low energy starting in 2015. "	2004	"Flanders: VEA Wallonia : DG04 Energie Brussels: IBGE"		IE

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EC-B05 bis : Energy performance and certification of buildings (residential) - WAM	Cross-cutting, Other (Energy conservation)	CO ₂	Improve the energy efficiency of buildings (by transposition of the EC directive on energy performance of buildings and establishment of the methodology to be used to evaluate the performance of buildings)	Regulatory	Planned	"Additional steps in the energy performance of buildings (partim residential sector): Flanders : stricter requirements Wallonia : completing application schedule up to 2020"		"Flanders: VEA Wallonia : DG04 Energie Brussels: IBGE"		63.00
EC-B06 Adaptation of urbanistic regulations to facilitate the promotion of RUE and RES in the residential sector	Cross-cutting, Other (Energy conservation)	CO ₂	Integrating energy conservation and climate change considerations in spatial planning by modifying territorial planning code	Regulatory	Implemented	Optimizing spatial planning requirements in the context of energy efficient building and renovation. For instance, currently, external insulation of buildings in cities can be prohibited if the thickness of the insulation reduces the area of the sidewalk	2004	"Flanders : Rural planning Wallonia : DG04 Aménagement du territoire"		IE
EC-C01 : Third party financing in the public sector	Cross-cutting, Other (Energy conservation)	CO ₂	Promoting energy savings in public buildings (federal level)	Economic	Implemented	"Using a third party investor fund in the public sector "	2004	FEDESCO (Federal Energy Services Company) : a limited company under private law.		132.00
EC-C02 : Energy and environmental performance and indoor climatic requirements in buildings of the services and community sectors	Cross-cutting, Other (Energy conservation)	CO ₂	Transposing the energy performance of buildings directive for the tertiary sector	Regulatory	Implemented	"Imposing energy requirements (including indoor) to tertiary buildings (Energy Performance Decree standard) Brussels Capital Region: The Government's decree of 21 December 2007 regarding EPB stipulates that new buildings has to be passive and heavy renovated ones very low energy starting in 2015 "	2004	"Flanders: VEA Wallonia : DGO4 Energie Brussels: IBGE"		172.00

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
EC-C02bis : Energy performance and certification of buildings (services and communities sectors) - WAM	Cross-cutting, Other (Energy conservation)	CO ₂	Improving the energy efficiency of buildings (by transposition of the EC directive on energy performance of buildings and establishment of the methodology to be used to evaluate the performance of buildings)	Regulatory	Planned	"Additional steps in the energy performance of buildings (partim tertiary sector): Flanders : stricter requirements Wallonia : completing application schedule up to 2020"		"Flanders: VEA Wallonia : DGO4 Energie Brussels: IBGE"		94.00
EC-C03 : Specific energy efficiency measures in the medical, social and education sectors	Cross-cutting, Other (Energy conservation)	CO ₂	Providing incentives to local authorities and associated institutions to improve the energy efficiency of their building stocks	Economic	Adopted	"Subsidies (up to 30% of total investment) to promote RUE in hospitals, retirement homes, social infrastructures and schools + test cases and demonstration projects "	2004	"Flanders: VIPA, VMSW, AGIO, GO! Wallonia : DGO4 Energie Brussels: IBGE"		90.00
EC-C04 : Energy and environmental performance and indoor climatic requirements in industrial buildings	Cross-cutting, Other (Energy conservation)	CO ₂	Transposition of the Directive on the energy performance of buildings to the industrial sector	Regulatory	Implemented	"Imposition of energy requirements (including indoor) to industrial buildings (Energy Performance Decree standard) "	2004	"Brussels: IBGE Wallonia : DGO4 Energie Flanders: VEA"		NE
EC-C05 : Financial support for sustainable energy policies in sheltered and social workshops	Cross-cutting, Other (Energy conservation)	CO ₂	RUE in sheltered and social workshops	Economic	Implemented	Specific financial mechanisms to protect low income populations	2004	Flanders: WSE		IE
IP-A01 : Implementation of the ETS in the industrial sector	Industry/industrial processes	CO ₂	Reducing emissions from the industry sector involved in ETS	Regulatory	Implemented	"Belgian National Allocation Plan 2008-2012 European system on scope 2013-2020 "	2004	"Flanders: LNE Wallonia : AwAC Brussels: IBGE"		IE

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 ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
IP-A02 : Long Term Energy/CO2 efficiency Agreements in the industrial sector	Industry/industrial processes	CO ₂	Improve energy efficiency in industries, by raising profitability criteria for RUE investments from a BAU 2 years of payback time to an IRR of 12,5% through an agreement (Flanders)	Voluntary Agreement	Implemented	"Benchmarking and voluntary agreements through contracts signed with public authorities. Enterprises (directly or through their professional association) make a voluntary commitment to improve their energy efficiency within a certain time horizon. Targets are quantified by benchmarking (within 10% of the best performer) or by energy audit, considering all RUE investments which have an IRR of 12,5%. Considered separately from Wallonia because it is considered in projections the WEM scenario"	2004	"Flanders : VEA Wallonia : DGO4 Energie Brussels: IBGE Industrial associations"		1,800.00
IP-A02 bis : Long Term energy/CO2 efficiency Agreements (LTA) in the industrial sector (WAM)	Industry/industrial processes	CO ₂	Improving energy efficiency in industries, by raising profitability criteria for RUE investments from a BAU 2 years of payback time to 5 years within an agreement (Wallonia)	Voluntary Agreement	Planned	"Voluntary agreements through contracts signed with public authorities. Enterprises (directly or through their professional association) make a voluntary commitment to improve their energy efficiency within a certain time horizon. Targets are quantified by energy audit, considering all RUE investments which have a payback time under 5 years Considered separately from Flanders because it is not considered in projections the WEM scenario"	2013	"Flanders : VEA Wallonia : DGO4 Energie Brussels: IBGE Industrial associations"		1,708.00
IP-A03 : Energy planning in industries	Industry/industrial processes	CO ₂	Increasing energy and CO2 awareness in industries	Information	Implemented	Compulsory drafting of energy plans by industries in Flanders. Commitments issued from voluntary agreements (see EC-CO2) are accepted as energy plans.	2004	Flanders : VEA		351.00
IP-A04 : Reference Centres and industrial "clusters"	Industry/industrial processes	CO ₂	Creating synergies and creativity among complementing industries in specific markets	Other (Clustering)	Implemented	"Creating clustered structures to induce synergies among enterprises involved in energy technologies"	2004	"Flanders: VEA Wallonia : DGO6 Economy Brussels: IBGE"		NE

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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 ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
IP-A05 : Promoting sustainable industrial estates	Industry/industrial processes	CO ₂	Attracting industries in specific activity zones where they can benefit from energy system integration and/or intermodal infrastructure for transport	Other (Planning)	Implemented	"Promoting sustainable industrial sites which encourage transport modal shifts, promote energy integration networks (connecting energy demand and energy production processes) and produce heat and electricity as by-products, which are then distributed within industries." "	2004	Wallonia : DGO6 Economy		NE
IP-A06 : Specific financial measures and ecology premiums for industry	Industry/industrial processes	CO ₂	Financial supports to RUE investments in industries	Economic	Implemented	"Specific financial measures and ecology premiums: tax deduction and subsidies for energy saving investments in industry" "	2004	FED : Finance FPS		17.00
IP-B01 : HFC and PFC emissions reduction targets	Industry/industrial processes	HFCs, PFCs	Reduction of F-gas emissions	Education	Implemented	"Reducing the use of fluorinated greenhouse gases (HFCs and PFCs) by training certified personnel in handling the gas when installing and maintaining refrigeration systems" "	2004	"FED : Mobility and Transport FPS Health, Food Chain Safety and Environment FPS - DG Environment Flanders: LNE Brussels: IBGE Wallonia : AwAC"		NE
IP-B02 : SF ₆ emissions reductions	Industry/industrial processes	SF ₆	Reducing SF ₆ -emissions from high-voltage switches	Education	Implemented	Reducing SF ₆ -emissions through compulsory certification of personnel involved in the recovery, collection, recycling, regeneration and destruction of SF ₆ from high-voltage switches	2004	Flanders: LNE		NE
IP-C01 : Specific emission reduction agreement with nitric acid producers	Industry/industrial processes	N ₂ O	"Reducing N ₂ O emissions from nitric acid production" "	Voluntary Agreement	Implemented	"Covenants to reduce N ₂ O emissions from nitric acid production. Required actions are concluded. Emission reductions are effective "	2004	"Flanders: LNE Wallonia : AwAC Brussels: IBGE"		3,361.00

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IP-C02 : Specific emission reduction agreement with caprolactam producers	Industry/industrial processes	N ₂ O	"Flemish Region: A reduction of N ₂ O emissions from the production of caprolactam "	Voluntary Agreement	Implemented	The N ₂ O emissions are generated by a caprolactam production site located in the Flemish Region. The Flemish Government is conducting a study in cooperation with this company to identify additional cost efficient measures on the site. On the basis of the results of this study, a decision will be made between several policy options to ensure the identified measures are carried out.		Flanders: LNE		NE
TR-A01 : Mobility plans at local level	Transport	CO ₂	Improving alternatives transport modes for the journey to work	Other (Planning)	Implemented	"Federal state: Survey ""Journey to work"" for companies with 100 people or more (legal obligation). The publication of the results encourages companies to realize an Action Plan for the transport of their employees. A study is planned to return the survey results more efficiency back to firms. Brussels : Improve mobility plans at local level (schools, enterprises and businesses) by promoting car-sharing and alternatives transport modes."	2004	"FED : Mobility and Transport FPS Brussels: IBGE, AED, communes Wallonia : DG02 Mobilité"		15.00
TR-A02 : Improve and promote public transport	Transport	CO ₂	"Intensifying the modal shift from individual cars towards public transports (trains, buses, tramways and subways) but also towards alternative ""soft"" transport means (bicycles and pedestrians) "	Other (Planning)	Implemented	"Improve and promote public transport by: - setting quantified targets with the authorities and including them into their management conventions to increase the use of public transport. - improving infrastructures and services - creating new parking places for cars and bicycles close to train stations - reducing fares for certain categories of travellers - promoting the combined use of bicycle and public transport and therefore including the promotion of bicycles as an objective of public transport companies Federal state: Implementation of Regional Express Network (RER) + Improving the quality of rail services (Measures of the Federal Plan for Sustainable development nr2 : 32804-1, 32808-2 , 32812-2, 32808-1 , 32813-1 , 32813-2 , 32814-1 and -2, 32806-3) "	2004	"FED : Mobility and Transport FPS Brussels: IBGE, AED, STIB Flanders : De Lijn, MOW Wallonia : TEC"		3,440.00

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

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TR-A03 : Promote the use of bicycles	Transport	CO ₂	Increasing the share of bicycles in the modal split	Economic	Implemented	Promote the use of bicycles by creating or improving infrastructures such as parking facilities. Promotion of cycling through public transport companies. Federal State : to improve intermodality rail-bikes : measure of the Federal Plan for sustainable Development N°2 : 32815-4 : installation of bike points and secure parking for bikes at railway stations	2004	FED : Finance FPS Mobility and Transport FPS Brussels : AED, IBGE Flanders MOW		15.00
TR-A04 : Promote multimodal freight transport	Transport	CO ₂	"An increase of the share of alternative transport in the modal split for freight."	Economic	Implemented	"Federal state: Rail : - Standardisation of containers 467-a, ITS containers 467-b - Construction of new infrastructures and improvement of existing infrastructures - Offering subsidies for domestic freight transport by train. Waterways: - financial support to the profession - financial support for the purchase of energy efficient barges." "	2004	"FED : Mobility and Transport FPS Wallonia : DGO2 Voies navigables et intermodalité Brussels: Port de Bruxelles Flanders: MOW"		62.00
TR-A05 : Improve road transport efficiency	Transport	CO ₂	Smooth travel on roads	Economic	Implemented	"Improvement of transport efficiency through congestion/traffic jam management and traffic regulation "	2004	Brussels: AED		NE
TR-A06 : Parking regulations	Transport	CO ₂	TR-A06 : Parking regulations	Regulatory	Implemented	"Urban constraints on parking "	2004	Brussels: IBGE, AED, AATL, communes		IE
TR-A07 : Taxation of road transport	Transport	CO ₂	"Discouraging the use of individual cars in certain areas. Promoting the purchase of efficient and clean vehicles "	Fiscal	Planned	Greening taxation on road transport		Brussels: AFB, AED, IBGE		NE

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

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TR-A08 : Free public transport for commuters	Transport	CO ₂	Promoting the use of public transport	Economic	Implemented	"Free public transport for commuters. Under social regulations, 80% of the travel costs of workers (by train) paid by their employer. This policy ensures that the remaining 20% are paid by the public authorities. (Measure of the Federal Plan for Sustainable Development nr2 : 32809-1) "	2004	FED : Mobility and Transport FPS		IE
TR-B01 : Promotion of car-pooling	Transport	CO ₂	"Flemish Region: An increase of the seat occupancy in commuter traffic from 1.2 to 1.3 (average seat occupancy target of 1.4)"	Regulatory	Implemented	"Measure of the Federal Plan for Sustainable Development nr2 : - 455c : * Changing the rules of the road, allowing road managers to open a road lane reserved for buses, cars occupied by several people, vehicles used for the transportation company (journey to work). - Extension of Liability (Compulsory Insurance) coverage for carpools. - Insurance on work accidents (mandatory for companies) indemnify the incapacity of the driver and passengers. The journey to work required may include a visit to the collection of carpools. - The compensation paid by the employer for the journey to work is not taxable. - The driver can deduct EUR 0.15 / km from taxes without having to declare the compensation paid by carpools. "	2004	"FED : Finance FPS Mobility and Transport FPS Flanders: MOW"		13.00
TR-B02 : Promotion of car sharing	Transport	CO ₂	Reducing the number of cars on the road	Other (Planning)	Implemented	"Promotion of car-sharing The railroad company participates in the organization of shared cars (type Cambio) by reserving parkingplaces for car shared close to railway stations. "	2004	"Brussels: IBGE Flanders: Mow"		NE
TR-B03 : Promotion of teleworking	Transport	CO ₂	Promoting teleworking of general public to reduce mobility needs	Regulatory	Implemented	Promote teleworking	2004	FED : Personnel and Organisation FPS		NE

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TR-B04 : Improve freight transport efficiency	Transport	CO ₂	"Improving freight transport efficiency"	Voluntary Agreement	Implemented	Optimizing timetables, loading and unloading procedures and the logistics of freight transport by road	2004	"Brussels: Port de Bruxelles Flanders: MOW"		NE
TR-B05 : Ecodriving	Transport	CO ₂	Smooth traffic and reduced emissions by teaching eco-driving	Education	Implemented	"Promotion of eco-driving by training professional drivers (buses, public transports and lorry drivers) Measure of the Federal Plan for Sustainable Development nr2 : - 455-C : transposition of directive 2003/59 : driver eco training - 32810-1 power efficiency of engines and ecodriving of truck drivers : monitoring of EU standard "	2004	"FED : Mobility and Transport FPS Wallonia : TEC Brussels: STIB Flanders : De Lijn, MOW, LNE"		62.00
TR-C01 : Tax deductions for the purchase of new clean vehicles	Transport	CO ₂	Promoting the purchase of clean cars	Fiscal	Implemented	"Tax deduction when purchasing clean vehicles : Automatic reduction in purchase to individuals was discontinued in January 2012. A recalculation of the benefit in kind was introduced for company cars. Until end 2012, financial help for the purchase of an electric vehicle (limited to EUR 9.190). "	2004	FED : Finance FPS + Mobility and Transport FPS + Health, Food Chain Safety and Environment FPS - DG Environment		156.00
TR-C02 : Promoting the purchase of clean vehicles	Transport	CO ₂	Promoting the purchase of clean cars	Information	Implemented	"Promoting the purchase of clean vehicles by advertising CO2 emissions controlled and annual publication containing information on CO2 emissions of all new vehicles on the Belgian market and identifying clean vehicles eligible for fiscal deduction. Bonuses and penalties exist in the Walloon system for buying a private vehicle according to CO2 emissions for both new and used cars. "		"FED : Mobility and Transport FPS Wallonia DGO2 Budget"		11.00
TR-C03 : Vehicles environmental impacts appraisal (ECOSCORE) and adaptation of taxes	Transport	CO ₂	Promoting the purchase of clean cars	Fiscal	Implemented	Environmental Impact Assessment of vehicles, reformation of the road fund tax and the tax on entry into service (ECOSCORE)		"Wallonia: AwAC Brussels: IBGE Flanders: LNE"		IE

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TR-C04 : Specific support for the construction of clean vehicles	Transport	CO ₂	Promoting clean cars	Research	Implemented	"Specific support for the construction of clean vehicles "	2004	Wallonia : DGO6 Economie		NE
TR-C05 : Best Available Technology for public transport	Transport	CO ₂	TR-C05 : Best Available Technology for public transport	Regulatory	Implemented	Purchase of clean vehicles for public transport	2004	"Wallonia : TEC Brussels: STIB Flanders : De Lijn"		NE
TR-D01 : Promoting bio-fuels	Transport	CO ₂	Reaching 5.75% biofuels in 2010	Fiscal	Implemented	"Tax exemption of biofuels "	2004	FED : Health, Food Chain Safety and Environment FPS - DG Environment + Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2)	895.00	
AG-A01 : Reducing emissions from cultivation that uses greenhouses (glasshouses)	Agriculture	CO ₂	"The vast majority of the Belgian greenhouse cultivation takes place in the Flemish Region, the rest is in the Walloon Region Flemish Region: increase the share of natural gas and other more sustainable energy sources (CHP, biomass, ...) in energy consumption by greenhouses cultivation Walloon Region: reducing energy related CO2 emissions from greenhouse cultivation through RUE "	Economic	Implemented	"Subsidies, information, promotion of CHP and HP, investigation of available residual energy/CO2 from industry to be recycled in greenhouses. In the Walloon region, a subsidy is available to support the design of high efficiency greenhouses. "	2004	"Wallonia : DG04 Energie Flanders: LV, VEA"		NE

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AG-A02 : Financial incentives for rational use of energy in agriculture	Agriculture	CO ₂	Support farmers to use energy rationally	Economic	Implemented	Financial instruments available for RUE and RES in the private sectors are also made available for agriculture. Moreover, specific financial instruments exist for the agriculture sector (Flanders)	2004	"Energy adm + Flanders also LV"		NE
AG-B01 : Reduction of GHG emissions from fertilizers and manure usage	Agriculture	N ₂ O, CH ₄	Managing and controlling the use of manure and fertilisers	Information	Implemented	"Rural development plans are supplemented by specific measures on the rational use of organic and nitrogen based fertilizers. Such policies initially aimed at reducing the stress of pollution on surface and underground waters contribute to the reduction of N ₂ O and CH ₄ emissions. Reductions in livestock sizes are also expected and should also contribute to emissions reductions. Moreover, cross compliance regulations aim to protect pastures : prohibiting pastures reductions, regulating carbon and acidity contents and using measures to combat erosion. "	2004	administrations of agriculture		NE
AG-C01 : Limiting deforestation and promoting reforestation	Forestry/LULUC F, Agriculture	CO ₂	Maintaining the CO ₂ sink potential of Belgian forests	Economic	Implemented	"Limiting deforestation and encouraging reforestation "	2004	"Brussels: IBGE Other regions : relevant administrations in collaboration with AwAC(Wallonia) or LNE (Flanders)"		NE
AG-C02 : Preserve the ecological stability of forests (certification)	Agriculture, Forestry/LULUC F	CO ₂	Preserving the ecological stability of forests	Regulatory	Implemented	"Certification FSC & PEFC of forests "	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Brussels: IBGE Other regions : relevant administrations in collaboration with AwAC(Wallonia) or LNE (Flanders)"		NE

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AG-D01 : Wood-energy plan	Agriculture, Forestry/LULUC F	CO ₂	Wood energy projects in rural areas	Economic	Implemented	Wallonia : Promotion of wood energy installations (wood heat generators, gasification of wood chips, other valorisation techniques). The main target of the plan are collectivites and municipalities	2004	Wallonia : DG04 Energy and walloon rural foundation		NE
AG-D02 : Promote dedicated energy crops	Agriculture	CO ₂	"Flemish Region: promotion of (dedicated) energy crops Walloon Region : pilot projects"	Economic	Implemented	Promotion of (dedicated) energy crops	2004	"Flemish Region Wallonia : DG04 Energy, & walloon rural foundation"		NE
AG-D03 : Specific support to promote biomethanisation	Agriculture	CH ₄ , CO ₂	Promotion of biomethanisation in agricultural establishments	Economic	Implemented	Specific measures to promote the sector of biomethanisation by the Walloon Region (federal Law Gazette, 13/11/2008)	2004	Wallonia : DO4 Energie & DGO3 Agriculture		NE
AG-D04 : Quality standards for biofuels (wood pellets)	Forestry/LULUC F	CO ₂ , N ₂ O	Enhancing solid biomass markets, creating confidence in wood-energy products	Regulatory	Implemented	The federal State establishes quality standards for solid biofuels to enhance the market and promotes a purchasing policy preferential to certified wood.	2004	FED : Health, Food Chain Safety and Environment FPS - DG Environment + Economy, SME, Self-Employed and Energy FPS - DG Energy (E2) + Finance FPS		NE
WA-A01 : Minimise quantities of wastes dumped into landfills	Waste management/waste	CH ₄	Waste generation prevention	Regulatory	Implemented	"Minimise quantity of waste into landfill"	2004	"FED : Finance FPS Health, Food Chain Safety and Environment FPS - DG Environment + Economy, SME, Self-Employed and Energy FPS - DG Energy (E2) Brussels: IBGE Wallonia : DGO3 Waste management Flanders: OVAM"		NE
WA-B01 : Optimize incineration of wastes	Waste management/waste	CO ₂	Promoting energy from waste	Economic	Implemented	Optimization of new waste incineration (incinerators)	2004	"Brussels: ABP Flanders: OVAM"		NE

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WA-C01 : Landfill gas flaring and recuperation	Waste management/waste	CH ₄	Recuperation and use of biogas	Economic	Implemented	"All landfills in operation are equipped with biogas recovery and valorising biogas to produce electricity by generating green certificates to help support the costs. Former landfills, which are out of operation are equipped with flaring devices. In accordance with EC Directive 1999/31/EC, organic waste is no longer accepted in landfills." "	2004	"Flanders : OVAM Wallonia : DGO3 : waste management"		NE
WA-D01 : Biomass flows management	Waste management/waste	CH ₄	Quality control of biomass flows	Regulatory	Implemented	Manage and quality control of biomass available for material recuperation or for energy usage	2004	Brussels: IBGE, ABP		NE
WA-E01 : Waste refrigerating fluids recuperation and management	Waste management/waste	HFCs	Improving F-gases management in automobile maintenance	Education	Implemented	"Reducing F-gas emissions through training certified personnel" "	2004	"Brussels: IBGE Flanders: LNE"		NE
SE-A01 : Climate Change Awareness	Cross-cutting	CH ₄ , CO ₂ , HFCs, N ₂ O, NF ₃ , PFCs, SF ₆	Raising climate change awareness of the public	Information	Implemented	Websites, brochures, information campaigns, ...	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Brussels: IBGE Wallonia : AwAC, DGO4 Energy Flanders : LNE, VEA"		NE
SE-A02 : Tools to promote rational energy use and renewable energy	Cross-cutting	CO ₂	Producing tools to provide information and raise awareness, for example brochures, CO ₂ calculators, energy simulators etc to promote rational energy use and renewable energy	Information	Implemented	Development of communication tools concerning climate change	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Brussels: IBGE Wallonia : AwAC, DGO4 Energy Flanders : LNE, VEA"		IE

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SE-A03 : Environmental awareness in schools	Cross-cutting	CO ₂	Using tools to increase awareness on climate change among students and teachers	Education	Implemented	Environmental Care at School (MOS project)	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Brussels: IBGE Wallonia : AwAC, DGO4 Energy Flanders : LNE, VEA"		IE
SE-A04 : Ecocampus	Cross-cutting	CO ₂	Increasing environmental awareness - including climate change awareness of university students	Education	Implemented	Ecocampus programme for Universities	2004	Flanders: LNE		NE
SE-A05 : Financial support for energy counsellors in interprofessional organisations	Cross-cutting	CO ₂	Promoting RUE and RES in SMEs through information provision by professional organizations	Economic	Implemented	Provision of project grants for energy consultants to inter-professional organizations	2004	"Brussels: IBGE Flanders: VEA"		NE
SE-A06 : Training of energy managers	Cross-cutting	CO ₂	Establishing energy/CO ₂ skills among managers of large buildings in the tertiary sector	Education	Implemented	Training of energy / Vocational-Technical	2004	"Brussels: IBGE Wallonia DGO4 Energy"		NE
SE-A07 : Support to local initiatives	Cross-cutting	CO ₂	Supporting initiatives by citizens to increase awareness of saving energy and climate change issues	Economic	Implemented	"Action to support local initiatives "	2004	"FED : Economy, SMEs, Self-Employed and Energy FPS - DG Energy (E2) Brussels: IBGE"		NE
SE-A08 : Urban policy	Cross-cutting	CO ₂ , CH ₄ , N ₂ O	Recognizing and supporting the importance of large cities management	Other (Local management)	Implemented	"Urban Policy "	2004	FED : Social Integration, Fight against Poverty and Social Economy PPS - Federal Service for Urban policy		NE

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SE-B01 : Supporting sustainable cooling systems in dwellings	Cross-cutting	CO ₂	Feasibility projects to demonstrate alternative methods to conventional HVAC	Education	Implemented	Support to (natural and) renewable cooling	2004	"Brussels: IBGE Flanders : relevant administrations LNE, VEA"		NE
SE-B02 : Guidance on rational use of energy to low income communities	Cross-cutting	CO ₂	Improving and demonstrating RUE in public housing	Economic	Planned	Supporting residents of disadvantaged groups in rational use of energy to meet rational deal with energy		"Brussels: IBGE Flanders : VEA & Bond Beter Leefmilieu Wallonia : DGO4 Energy & CPAS"		IE
SE-B03 : Pilot projects in social housing to evaluate sustainable energy measures	Cross-cutting	CO ₂	Raising awareness of sustainability in social housing users and providers	Education	Implemented	Evaluating sustainable energy measures through pilot and demonstration projects in social housing	2004	"Brussels: IBGE Flanders: VMSW"		IE
SE-B04 : Awareness of rational energy use in businesses offices	Cross-cutting	CO ₂	Raising awareness of rational energy use in office buildings	Information	Implemented	Awareness Campaign business offices	2004	Brussels: IBGE, ABE		IE
SE-B05 : Youth, space and environment project	Cross-cutting	CO ₂	Raising awareness of rational energy use of young people	Education	Implemented	JeROM project (Youth, Space and Environment)	2004	Flanders: LNE		IE
SE-B06 : Guidance on rational energy use in adults associations	Cross-cutting	CO ₂	Supporting RUE by adults	Information	Implemented	NME for adults (associations)	2004	Flanders : LNE		IE
SE-B07 : Promotion and financial support for energy audits in individual dwellings	Cross-cutting	CO ₂	Encouraging energy audits in households	Economic	Implemented	Proposed energy audits on individuals	2004	"Brussels: ABEA Wallonia : DGO4 Energy"		IE
SE-B08 : Energy counsellors	Cross-cutting	CO ₂	Promoting RUE in buildings through municipalities	Information	Implemented	Availability of energy advisors	2004	Brussels: ABEA		IE
SE-B09 : Eco-construction	Cross-cutting	CO ₂	Creating clusters of expertise for RUE in building construction	Other (Planning)	Implemented	Ecobuild	2004	Brussels: IBGE		IE

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 ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
SE-C01 : Training of energy and building professionals	Cross-cutting	CO ₂	Training professionals in construction	Education	Implemented	Training of professionals		Brussels: IBGE		IE
SE-C02 : Eco-efficiency scans	Cross-cutting	CO ₂	Improving eco-efficiency in SMIs (small and medium size industries)	Economic	Implemented	Investments in eco-efficiency of SMEs: improve energy efficiency by designing environmentally friendlier products, adapting production processes and better valorising wastes; examining markets to try to adapt to customers demands and demonstrating benefits of changes (e.g. profitability and better respect of environment)	2004	Regional energy efficiency departments		IE
SE-C03 : Raise awareness about the reduction of F-gasses in the refrigeration sector	Cross-cutting	HFCs	Reducing F-gas emissions in the refrigeration sector	Information	Implemented	Increase specific awareness about cooling needs and solutions through providing information about the relevant legislation and ways to reduce emissions	2004	"Flemish Region : LNE Brussels Region : IBGE/BIM Walloon Region : AwAC"		NE
SE-C04 : Social responsibility of businesses	Cross-cutting	CO ₂	Managing enterprises in coherence with their social and environmental neighbourhood	Information	Implemented	Social responsibility of enterprises	2004			NE
SE-C05 : Eco-dynamic label for businesses	Cross-cutting	CO ₂	Recognising clean enterprises to promote good practice	Information	Implemented	The eco-dynamic enterprise label	2004	Brussels: IBGE		NE
SE-D01 : Clean vehicles promotion campaign	Cross-cutting	CO ₂	Informing the public purchasing choices of clean vehicles	Information	Implemented	Promoting the purchase of clean vehicles	2004	Brussels: IBGE		IE
SE-D02 : Eco-driving promotion campaign	Cross-cutting	CO ₂	Promoting smooth and clean driving	Information	Implemented	Sensitization campaign on eco-driving		"Brussels: IBGE Flanders: LNE, MOW"		IE
SE-D03 : Meeting on sustainable mobility needs campaign	Cross-cutting	CO ₂	Increasing the use of sustainable transport measures	Information	Implemented	Raise awareness of citizens to satisfy their mobility needs in a sustainable way	2004	"Brussels: IBGE Flanders: LNE, MOW"		NE

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
SE-E01 : Knowledge Centre on energy for agriculture and horticulture	Cross-cutting	CO ₂	Promoting clean and sustainable agriculture and forestry	Education	Implemented	Establishment and supporting of an energy centre for agriculture and horticulture	2004	Flanders: LV		NE
SE-E02 : Environmental accounting/reporting	Cross-cutting	CH ₄ , CO ₂ , N ₂ O	Reducing emissions from the agricultural sector by raising awareness of farmers through environmental accounting/reporting	Information	Implemented	Encourage the use of environmental accounting/reporting		Flanders: LV		NE
OB-A01 : Sustainable public procurement	Cross-cutting	CO ₂	Good example shown by the public administration sector	Economic	Implemented	"Sustainable public procurement"	2004	"FED : pilot : Sustainable Development PPS (Federal Public Planning Services) --> all the federal services should implement this action Brussels: Public bodies"		NE
OB-A02 : Sustainable criteria for community catering	Cross-cutting	CO ₂	Integrating sustainability as an element in the criteria for food purchases	Economic	Implemented	Optimization of catering on the basis of sustainability criteria	2004	FED : Sustainable Development PPS (Federal Public Planning Services)		NE
OB-A03 : Environmental management system	Cross-cutting	CO ₂	Public administrations environmental certification and support to other organisations	Other (Planning)	Implemented	"Establishment of an environmental management system"	2004	"FED : coordinator : Sustainable Development PPS (Federal Public Planning Services) --> all the federal services should implement the system Brussels: Public bodies"		14.00

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 ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
OB-B01 : Rational Use of energy in public buildings	Cross-cutting	CO ₂	Good practice shown by public administrations	Other (Planning)	Implemented	"RUE in public buildings Implementation Federal State Council of Ministers of Leuven of 18 March 2007"	2004	"FED : Public building (régie des bâtiments) ; FEDESCO (Federal Energy Services Company) (limited company under private law) ; SNCB-Holding (public enterprise) for station building Brussels: Public bodies"		18.00
OB-B02 : Third Party Financing in public buildings	Other (Energy conservation), Cross-cutting	CO ₂	Good practice shown by public administrations	Other (Planning)	Implemented	"Establishment of a third party investor to improve the energy efficiency of public buildings (FEDESCO) "	2004	FED : FEDESCO (Federal Energy Services Company) (limited company under private law)		IE
OB-B03 : Promoting rational energy use in local communities	Cross-cutting, Other (Energy conservation)	CO ₂	Support to local initiatives that promote rational energy use	Economic	Implemented	Promotion of RUE with the municipalities and communities (local authorities)	2004	Brussels: Public bodies, communes, hospitals, schools		NE
OB-C01 : Mobility plan for civil servants of different administrative organisations sharing a common office building	Transport	CO ₂	Increasing the use of mobility plan for civil servants of different administrative organisations sharing a common office building to show good practice by public administrations	Other (Planning)	Implemented	"Mobility plan "	2004	Brussels: Public bodies, companies (>200 employees)		IE
OB-C02 Promotion of alternative transport in public services	Transport	CO ₂	Good practice shown by public administrations	Information	Implemented	Stimulate alternative use in transport/ free ride on public transport for members of administrations : free public transport is provided for journey to work in the Federal Public Service and in the Walloon Region.	2004	"FED : Mobility and Transport FPS Brussels: Public bodies, companies (>200 employees)"		NE

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
OB-C03 : Promoting bicycle use in public services	Transport	CO ₂	Good practice shown by public administrations	Economic	Implemented	"Rewarding the use of bicycles in administrations : financial incentives, purchase of bicycles for service (in Federal public Service) + installation of showers for bicycle users "	2004	"FED : Finance FPS Mobility and Transport FPS Brussels: Public bodies, companies (>200 employees)"		IE
OB-C04 : Promoting telework in public services	Transport	CO ₂	Increase teleworking of civil servants to show good practice by public administrations	Other (Planning)	Implemented	"Experiences of teleworking in administrations "	2004	FED : Personnel and Organisation FPS		NE
OB-C05 : Eco-driving training in public services	Transport	CO ₂	Good practice shown by public administrations	Education	Implemented	"Eco-driving "	2004	Brussels: STIB		IE
OB-C06 : Offsetting air travel GHG emissions in public administrations	Transport	CO ₂	Good practice shown by public administrations	Economic	Implemented	Offsetting CO2 emissions for air transport	2004	"FED : Health, Food Chain Safety and Environment FPS - SE B&CG LOG Brussels: Public bodies"		NE
OB-C07 : Purchase of clean vehicles by public administrations	Transport	CO ₂	Good practice shown by public administrations	Economic	Implemented	"Purchase of clean vehicles "	2004	"FED : Personnel and Organisation FPS --> use by all FPSs Wallonia Brussels: Public bodies, STIB"		IE
Flexibility mechanisms	Cross-cutting	CH ₄ , CO ₂ , HFCs, N ₂ O, PFCs	Purchase flexibility mechanisms during the Kyoto period to reduce emission levels.	Economic	Implemented	"Purchase flexibility mechanisms during the Kyoto period to reduce emission levels. Federal State: buys emission rights up to 12.2 million tons of CO2 equivalent during the period 2008-2012 through an annual fund of 25 million euro Flemish Region: 17 Mton CO2-eq in the Kyoto period (2008-2012) Brussels Capital Region : 0,154 Mt Walloon Region : 0,086 Mt"	2004	"FED : Health, Food Chain Safety and Environment FPS - DG Environment Brussels: IBGE"		NE

Table 3

BEL_BR1_v1.0

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

Name of mitigation action ^a	Sector(s) affected ^b	GHG(s) affected	Objective and/or activity affected	Type of instrument ^c	Status of implementation ^d	Brief description ^e	Start year of implementation	Implementing entity or entities	Estimate of mitigation impact (not cumulative, in kt CO ₂ eq)	
Ecocheques	Cross-cutting	CO ₂	Promotion of ecological goods and services	Economic	Implemented	"Cheques as part of employees pay, intended to finance the acquisition of ecological goods and services. These cheques are exempt from taxes and social contributions. "	2009	National Labour Council		58.00
Green loans	Cross-cutting, Other (Energy conservation)	CO ₂	Provide access to finance energy-saving projects	Economic	Implemented	"A temporary measure, only applicable to loans awarded between 1 January 2009 and 31 December 2011. "	2009	FED : Finance FPS		162.00

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

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

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

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

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

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

^e Additional information may be provided on the cost of the mitigation actions and the relevant timescale.

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

Custom Footnotes

EP-A02, EP-A03, EP-A04, EP-B01 : Impacts included in EP-A01

EC-A01 : Impact included in EC-B01

EC-A02, EC-B02, EC-B06, EC-C05, SE-A02, SE-A03, SE-B03, SE-B04, SE-B05, SE-B06, SE-B07, SE-B08, SE-B09, SE-C01 : Impacts included in EC-B01

EC-B05 : Impact included in EC-A03

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

<i>Name of mitigation action^a</i>	<i>Sector(s) affected^b</i>	<i>GHG(s) affected</i>	<i>Objective and/or activity affected</i>	<i>Type of instrument^c</i>	<i>Status of implementation^d</i>	<i>Brief description^e</i>	<i>Start year of implementation</i>	<i>Implementing entity or entities</i>	<i>Estimate of mitigation impact (not cumulative, in kt CO₂ eq)</i>	

IP-A01, SE-C02 : Impacts included in IP-A02

TR-A06, TR-A08 : Impacts included in TR-A02

TR-C03 : Impact included in TR-C01

SE-B01 : measure now expired

SE-B02 : Impact would be included in EC-B01

SE-D01 (measure now expired), OB-C07 : Impacts included in TR-C01 and TR-C02

SE-D02, OB-C05 : Impacts included in TR-B05

OB-B02 : Impact included in EC-C01

OB-C01 : Impact included in TR-A01

OB-C03 : Impact included in TR-A03

Reporting on progress^{a, b}

<i>Year^c</i>	<i>Total emissions excluding LULUCF</i>	<i>Contribution from LULUCF^d</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 CO₂ eq)</i>	<i>(kt CO₂ eq)</i>	<i>(number of units)</i>	<i>(kt CO₂ eq)</i>	<i>(number of units)</i>	<i>(kt CO₂ eq)</i>
(1990)						
2008-2012	513,621.53	887.95				
2010	131,920.68	214.77				
2011	120,308.10	202.96	50,099,783.00	50,099.79		
2012			46,168,337.00	46,168.34		

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

^c Parties may add additional rows for years other than those specified below.

^d Information in this column should be consistent with the information reported in table 4(a)I or 4(a)II, as appropriate. The Parties for which all relevant information on the LULUCF contribution is reported in table 1 of this common tabular format can refer to table 1.

Custom Footnotes**Regarding contribution from LULUCF, please see table 4(a) II**

Figures related to the use of market mechanisms in Table 4 relate exclusively to the Belgian part of the EU target.

An additional column (2008-2012) has been introduced in the Table 4. It serves to highlight the CPI. Attention data for 2012 are not yet included.

Data of Table 4 don't count towards the 2020 target.

Progress in achieving the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the contribution of the land use, land-use change and forestry sector in 2011^{a,b}

	<i>Net GHG emissions/removals from LULUCF categories^c</i>	<i>Base year/period or reference level value^d</i>	<i>Contribution from LULUCF for reported year</i>	<i>Cumulative contribution from LULUCF^e</i>	<i>Accounting approach^f</i>
	<i>(kt CO₂ eq)</i>				
Total LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other ^g					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other ^g					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other ^g					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other ^g					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other ^g					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other ^g					
Harvested wood products					

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

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

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

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

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

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

Custom Footnotes

As KP Party, Belgium supplemented Table 4(a)II, but not Table 4(a)I.

Progress in achieving the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the contribution of the land use, land-use change and forestry sector in 2012^{a, b}

	<i>Net GHG emissions/removals from LULUCF categories^c</i>	<i>Base year/period or reference level value^d</i>	<i>Contribution from LULUCF for reported year</i>	<i>Cumulative contribution from LULUCF^e</i>	<i>Accounting approach^f</i>
	<i>(kt CO₂ eq)</i>				
Total LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other ^g					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other ^g					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other ^g					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other ^g					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other ^g					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other ^g					
Harvested wood products					

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

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

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

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

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

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

Custom Footnotes

As KP Party, Belgium supplemented Table 4(a)II, but not Table 4(a)I.

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

GREENHOUSE GAS SOURCE AND SINK ACTIVITIES	Base year ^d	Net emissions/removals ^e					Accounting parameters ^h	Accounting quantity ⁱ
		2008	2009	2010	2011	Total ⁽⁶⁾		
(kt CO ₂ eq)								
A. Article 3.3 activities								
A.1. Afforestation and Reforestation								-1'114.28
A.1.1. Units of land not harvested since the beginning of the commitment period(2)		-261.32	-272.79	-284.31	-295.86	-1,114.28		-1'114.28
A.1.2. Units of land harvested since the beginning of the commitment period(2)								NO
A.2. Deforestation		505.36	498.97	499.08	498.82	2,002.23		2'002.23
B. Article 3.4 activities								
B.1. Forest Management (if elected)		NA	NA	NA	NA	NA		NA
3.3 offset(3)							887.95	NA
FM cap(4)							550.00	NA
B.2. Cropland Management (if elected)	0.00	NA	NA	NA	NA	NA	0.00	0.00
B.3. Grazing Land Management (if elected)	0.00	NA	NA	NA	NA	NA	0.00	0.00
B.4. Revegetation (if elected)	0.00	NA	NA	NA	NA	NA	0.00	0.00

Note: 1 kt CO₂ eq equals 1 Gg CO₂ eq.

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

^a Reporting by a developed country Party on the information specified in the common tabular format does not 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.

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

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

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

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

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

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

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

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

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

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

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

Custom Footnotes

Documentation Box:

Table 5

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

<i>Key underlying assumptions</i>		<i>Historical^b</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>capita</i>	9,947,782.00	10,130,574.00	10,239,085.00	10,445,852.00	10,839,921.00	10,951,266.00	11,419,014.00	11,888,374.00	NE	NE
Number of households	thousands	4,006.57	4,122.45	4,284.20	4,488.14	4,656.38	7,703.38	5,065.00	5,365.00	NE	NE
Electricity demand Belgium	TWh					91.40		93.10	96.10	NE	NE
Net import (balance export-import) electricity	TWh					4.00		4.00	1.60	NE	NE
Electricity production	TWh			84.01	87.03	87.40		89.10	94.50	NE	NE
Total gross electricity generation	GWh					87,440.09		89,065.24	94,499.55	NE	NE
Dairy Cattle	thousands heads	839.00	684.00	581.00	495.00	462.00	459.78	581.00	549.00	NE	NE
Non-dairy Cattle	thousands heads	2,410.00	2,602.00	2,412.00	2,169.00	2,165.00	2,108.99	1,989.00	2,043.00	NE	NE
Swine	thousands heads	6,700.00	7,268.00	6,895.00	6,161.00	6,626.00	6,583.40	6,806.00	6,786.00	NE	NE
Poultry	thousands heads	27,167.00	33,381.00	36,860.00	32,037.00	32,577.00	32,280.47	33,592.00	33,363.00	NE	NE
Energy demand (total without nuclear)	TJ	1,503,786.87	1,630,408.88	1,677,189.43	1,712,119.11	1,704,136.98	1,546,492.06	1,717,449.37	1,735,145.17	NE	NE
Energy industries	TJ	330,515.61	353,494.70	363,637.46	393,997.92	414,550.87	360,734.24	364,872.63	392,838.31	NE	NE
Industry	TJ	481,030.64	501,700.98	522,921.10	482,253.85	419,827.52	412,799.91	445,139.63	448,877.04	NE	NE
Commercial (Tertiary)	TJ	66,754.88	87,233.17	94,768.94	102,091.72	110,065.38	86,474.20	138,087.82	133,179.25	NE	NE
Residential	TJ	303,987.59	340,424.76	325,156.33	341,627.75	340,693.47	270,133.32	287,726.34	271,556.67	NE	NE
Transport	TJ	282,608.17	308,959.67	336,353.03	356,895.60	382,800.99	380,516.23	337,880.55	339,649.93	NE	NE
<i>Municipal solid waste generation</i>	<i>PJ</i>					4,443.40		4,443.40	4,443.40	NE	NE

^a Parties should include key underlying assumptions as appropriate.

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

Custom Footnotes

Bottom-up 2030 projections for Belgium are not available for the time being.

However some specific studies are available, such as the report “EU Energy, transport and GHG Emissions – Trends to 2050 – Reference scenario 2013”, where data regarding Belgium up to 2050 and based on PRIMES model are available on pages 92 and 93.

current policies and implementation of RES and non-ETS targets in 2020 with use of flexibility mechanisms. Nevertheless, these data were not included in CTF table 6 because the PRIMES methodology is not consistent with the bottom-up approach currently reported by Belgium

Report available on

 <http://e21.2c.europa.eu/transport/18.6media/publications/d16.9oc/trends-to-2050-u14.8pdate-2013.pdf>

Table 6(a)

BEL_BR1_v1.0

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

	GHG emissions and removals ^b							GHG emission projections	
	(kt CO ₂ eq)							(kt CO ₂ eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030
Sector^{d,e}									
Energy		112,375.42	116,461.41	116,993.79	116,235.48	108,155.67	97,698.27	97,377.86	NE
Transport		20,815.25	22,893.60	24,868.50	26,353.60	27,128.30	27,047.07	27,010.84	NE
Industry/industrial processes		15,778.52	19,229.18	15,664.55	15,327.00	12,224.79	11,288.60	11,964.83	NE
Agriculture		11,440.21	11,531.62	10,671.68	9,586.85	9,560.48	9,496.92	9,573.38	NE
Forestry/LULUCF		-913.71	-717.76	-681.79	-1,293.60	-1,357.23	-1,268.35	-2,499.00	NE
Waste management/waste		3,412.92	3,132.19	2,597.30	2,051.16	1,768.53	1,613.18	1,494.92	NE
Other (specify)		1,155.91	828.11	845.00	743.09	759.87	711.95	757.60	NE
Use of N ₂ O for Anaesthesia (CRF 3)		213.41	200.18	213.52	212.36	211.20	211.13	213.97	NE
Aviation									
Fugitive emissions from fuels (CRF 1B)		942.50	627.93	631.48	530.73	548.67	500.82	543.63	NE
Gas									
CO ₂ emissions including net CO ₂ from LULUCF		118,169.09	123,681.14	124,526.45	124,257.23	113,426.83	103,033.59	103,193.29	NE
CO ₂ emissions excluding net CO ₂ from LULUCF		119,096.48	124,427.72	125,256.16	125,617.23	114,878.25	104,472.11	105,306.29	NE
CH ₄ emissions including CH ₄ from LULUCF		9,831.94	9,414.20	8,432.58	6,933.03	6,641.39	6,482.76	6,061.98	NE
CH ₄ emissions excluding CH ₄ from LULUCF		9,831.46	9,414.18	8,432.58	6,933.03	6,641.39	6,476.50	6,061.98	NE
N ₂ O emissions including N ₂ O from LULUCF		10,889.94	11,749.37	11,084.31	9,226.92	8,362.38	7,232.05	7,204.32	NE
N ₂ O emissions excluding N ₂ O from LULUCF		10,876.74	11,720.56	11,036.40	9,160.52	8,268.19	7,068.14	7,204.32	NE
HFCs		NA	451.73	943.28	1,461.82	1,936.25	1,996.06	1,807.88	NE
PFCs		1,753.32	2,335.24	360.90	154.27	85.44	178.99	142.62	NE
SF ₆		1,662.49	2,205.16	111.52	85.97	111.15	116.30	101.80	NE
Other (specify)									
Total with LULUCF^f		142,306.78	149,836.84	145,459.04	142,119.24	130,563.44	119,039.75	118,511.89	NE
Total without LULUCF		143,220.49	150,554.59	146,140.84	143,412.84	131,920.67	120,308.10	120,624.89	NE

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

	<i>GHG emissions and removals^b</i>							GHG emission projections	
	<i>(kt CO₂ eq)</i>							<i>(kt CO₂ eq)</i>	
	<i>Base year (1990)</i>	1990	1995	2000	2005	2010	2011	2020	2030

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

^a In accordance with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, at a minimum Parties shall report a ‘with measures’ scenario, and may report ‘without measures’ and ‘with additional measures’ scenarios. If a Party chooses to report ‘without measures’ and/or ‘with additional measures’ scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report ‘without measures’ or ‘with additional measures’ scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

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

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

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

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

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

Custom Footnotes

Please note that ALL historical data are the inventory data as reported in table 1. Belgium sees no added value in reencoding those data.

Table 6(c)

BEL_BR1_v1.0

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

	GHG emissions and removals ^b							GHG emission projections	
	(kt CO ₂ eq)							(kt CO ₂ eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030
Sector^{d,e}									
Energy		112,375.42	116,461.41	116,993.79	116,235.48	108,155.67	97,698.27	95,833.39	NE
Transport		20,815.25	22,893.60	24,868.50	26,353.60	27,128.30	27,047.07	27,010.84	NE
Industry/industrial processes		15,778.52	19,229.18	15,664.55	15,327.00	12,224.79	11,288.60	11,964.83	NE
Agriculture		11,440.21	11,531.62	10,671.68	9,586.85	9,560.48	9,496.92	9,573.38	NE
Forestry/LULUCF		-913.71	-717.76	-681.79	-1,293.60	-1,357.23	-1,268.35	-2,499.00	NE
Waste management/waste		3,412.92	3,132.19	2,597.30	2,051.16	1,768.53	1,613.18	1,494.92	NE
Other (specify)		1,155.91	828.11	845.00	743.09	759.87	711.95	757.60	NE
Use of N ₂ O for Anaesthesia (CRF 3)		213.41	200.18	213.52	212.36	211.20	211.13	213.97	NE
Aviation									
Fugitive emissions from fuels (CRF 1B)		942.50	627.93	631.48	530.73	548.67	500.82	543.63	NE
Gas									
CO ₂ emissions including net CO ₂ from LULUCF		118,169.09	123,681.14	124,526.45	124,257.23	113,426.83	103,033.59	103,441.50	NE
CO ₂ emissions excluding net CO ₂ from LULUCF		119,096.48	124,427.72	125,256.16	125,617.23	114,878.25	104,472.11	103,441.50	NE
CH ₄ emissions including CH ₄ from LULUCF		9,831.94	9,414.20	8,432.58	6,933.03	6,641.39	6,482.76	6,061.98	NE
CH ₄ emissions excluding CH ₄ from LULUCF		9,831.46	9,414.18	8,432.58	6,933.03	6,641.39	6,476.50	6,061.98	NE
N ₂ O emissions including N ₂ O from LULUCF		10,889.94	11,749.37	11,084.31	9,226.92	8,362.38	7,232.05	7,204.32	NE
N ₂ O emissions excluding N ₂ O from LULUCF		10,876.74	11,720.56	11,036.40	9,160.52	8,268.19	7,068.14	7,204.32	NE
HFCs		NA	451.73	943.28	1,461.82	1,936.25	1,996.06	1,807.88	NE
PFCs		1,753.32	2,335.24	360.90	154.27	85.44	178.99	142.62	NE
SF ₆		1,662.49	2,205.16	111.52	85.97	111.15	116.30	101.80	NE
Other (specify)									
Total with LULUCF^f		142,306.78	149,836.84	145,459.04	142,119.24	130,563.44	119,039.75	118,760.10	NE
Total without LULUCF		143,220.49	150,554.59	146,140.84	143,412.84	131,920.67	120,308.10	118,760.10	NE

Information on updated greenhouse gas projections under a ‘with additional measures’ scenario^a

	<i>GHG emissions and removals^b</i>							GHG emission projections	
	<i>(kt CO₂ eq)</i>							<i>(kt CO₂ eq)</i>	
	<i>Base year (1990)</i>	1990	1995	2000	2005	2010	2011	2020	2030

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

^a In accordance with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, at a minimum Parties shall report a ‘with measures’ scenario, and may report ‘without measures’ and ‘with additional measures’ scenarios. If a Party chooses to report ‘without measures’ and/or ‘with additional measures’ scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report ‘without measures’ or ‘with additional measures’ scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

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

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

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

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

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

Table 7

BEL_BR1_v1.0

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

Allocation channels	Year									
	European euro - EUR					USD ^b				
	Core/ general ^c	Climate-specific ^d				Core/ general ^c	Climate-specific ^d			
Mitigation		Adaptation	Cross-cutting ^e	Other ^f	Mitigation		Adaptation	Cross-cutting ^e	Other ^f	
Total contributions through multilateral channels:		1,200,000.00	10,000,000.00	16,060,103.00						
Multilateral climate change funds ^g			10,000,000.00	15,785,103.00						
Other multilateral climate change funds ^h				242,711.00						
Multilateral financial institutions, including regional development banks										
Specialized United Nations bodies		1,200,000.00		275,000.00						
Total contributions through bilateral, regional and other channels		280,000.00	2,489,000.00	1,121,300.00						
Total		1,480,000.00	12,489,000.00	17,181,403.00						

Abbreviation: USD = United States dollars.

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

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

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

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

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

^f Please specify.

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

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

Custom Footnotes

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

Documentation Box:

Resources provided by Belgium during the Fast-Start finance period are new and additional as it is climate specific finance, complementary to budgeted ODA finance. Application has been specific to each Belgian entity

Table 7

BEL_BR1_v1.0

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

Allocation channels	Year									
	European euro - EUR					USD ^b				
	Core/ general ^c	Climate-specific ^d				Core/ general ^c	Climate-specific ^d			
Mitigation		Adaptation	Cross-cutting ^e	Other ^f	Mitigation		Adaptation	Cross-cutting ^e	Other ^f	
Total contributions through multilateral channels:		378,000.00	7,142,000.00	15,589,814.00	1,500,000.00					
Multilateral climate change funds ^g			6,200,000.00	14,801,814.00						
Other multilateral climate change funds ^h				259,540.00						
Multilateral financial institutions, including regional development banks				338,000.00						
Specialized United Nations bodies		378,000.00	942,000.00	450,000.00	1,500,000.00					
Total contributions through bilateral, regional and other channels			2,672,000.00	1,149,500.00						
Total		378,000.00	9,814,000.00	16,739,314.00	1,500,000.00					

Abbreviation: USD = United States dollars.

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

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

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

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

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

^f Please specify.

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

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

Custom Footnotes

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

Documentation Box:

Resources provided by Belgium during the Fast-Start finance period are new and additional as it is climate specific finance, complementary to budgeted ODA finance. Application has been specific to each Belgian entity

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

Donor funding	Total amount				Status ^b	Funding source ^f	Financial instrument ^f	Type of support ^{f,8}	Sector ^c
	Core/general ^d		Climate-specific ^e						
	European euro - EUR	USD	European euro - EUR	USD					
Total contributions through multilateral channels			27,260,103.00						
Multilateral climate change funds ^g			25,785,103.00						
1. Global Environment Facility			5,465,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
2. Least Developed Countries Fund			10,000,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting	
3. Special Climate Change Fund			10,000,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
4. Adaptation Fund									
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities			77,392.00	Provided	Other ()	Grant	Cross-cutting	Cross-cutting	
7. Other multilateral climate change funds			242,711.00						
Kyoto Protocol core contribution			104,077.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
UNFCCC core contribution			138,634.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Multilateral financial institutions, including regional development banks									
1. World Bank									
2. International Finance Corporation									
3. African Development Bank									
4. Asian Development Bank									
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank									
7. Other									
Specialized United Nations bodies			1,475,000.00						
1. United Nations Development Programme			1,475,000.00						
National Programme for Managing Climate Change in Malawi			275,000.00	Committed	ODA	Grant	Cross-cutting	Other (Food Security), Other (Sustainable economic development)	
Yasuni-ITT Fund / Government of Ecuador			1,200,000.00	Committed	Other ()	Grant	Mitigation	Cross-cutting	
2. United Nations Environment Programme									
3. Other									

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

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

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

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

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

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

^f Please specify.

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

Custom Footnotes

Core/general contributions to United Nations bodies and other multilateral or international organizations and the EU are not included as it is impossible to know which amount flows to climate change and when. In order not to give a distorted view of climate support, Belgium opted to exclude this information in its first biennial report. The climate finance tracking of these institutions themselves is the only option to deliver the reporting information required.

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

Donor funding	Total amount				Status ^b	Funding source ^f	Financial instrument ^f	Type of support ^{f, g}	Sector ^c
	Core/general ^d		Climate-specific ^e						
	European euro - EUR	USD	European euro - EUR	USD					
Total contributions through multilateral channels			24,609,814.00						
Multilateral climate change funds ^g			21,001,814.00						
1. Global Environment Facility			5,456,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
2. Least Developed Countries Fund			5,000,000.00	Provided	ODA	Grant	Adaptation	Cross-cutting	
3. Special Climate Change Fund			9,000,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
4. Adaptation Fund			1,200,000.00	Provided	Other ()	Grant	Adaptation	Cross-cutting	
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities			86,274.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
7. Other multilateral climate change funds			259,540.00						
Kyoto Protocol core contribution			97,599.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
UNFCCC core contribution			161,941.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Multilateral financial institutions, including regional development banks			338,000.00						
1. World Bank			338,000.00	Provided	Other ()	Grant	Cross-cutting	Cross-cutting	
2. International Finance Corporation									
3. African Development Bank									
4. Asian Development Bank									
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank									
7. Other									
Specialized United Nations bodies			3,270,000.00						
1. United Nations Development Programme			750,000.00						
Various programmes			450,000.00	Provided	ODA	Grant	Cross-cutting	Cross-cutting	
Yasuni-ITT Fund / Government of Ecuador			300,000.00	Committed	ODA	Grant	Mitigation	Cross-cutting	
2. United Nations Environment Programme									
3. Other			2,520,000.00						
UNIDO			78,000.00	Provided	ODA	Grant	Mitigation	Industry, Energy	
ICRAF			1,500,000.00	Provided	ODA	Grant	Other (Agroforestry)	Agriculture, Forestry	
UNESCO			942,000.00	Provided	ODA	Grant	Adaptation	Water and sanitation	

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

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

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

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

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

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

^f Please specify.

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

Custom Footnotes

Core/general contributions to United Nations bodies and other multilateral or international organizations and the EU are not included as it is impossible to know which amount flows to climate change and when. In order not to give a distorted view of climate support, Belgium opted to exclude this information in its first biennial report. The climate finance tracking of these institutions themselves is the only option to deliver the reporting information required.

Table 7(b)

BEL_BR1_v1.0

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

<i>Recipient country/ region/project/programme^b</i>	<i>Total amount</i>		<i>Status^c</i>	<i>Funding source^g</i>	<i>Financial instrument^g</i>	<i>Type of support^{g, h}</i>	<i>Sector^d</i>	<i>Additional information^e</i>
	<i>Climate-specific^f</i>							
	<i>European euro - EUR</i>	<i>USD</i>						
Total contributions through bilateral, regional and other channels	3,890,300.00							
/ Flemish Partnership Water for Development	922,000.00		Provided	ODA	Grant	Adaptation	Water and sanitation	Financing water, sanitation and integrated resource management projects and programmes with focus on capacity building and technology transfer related to sustainable management of natural resources. Implementation period ran from 2010- 2011-2012.
Mozambique, Africa / Red Cross (Mozambique)	314,000.00		Provided	ODA	Grant	Adaptation	Other (Disaster preparedness)	Zembezi River Basin: Improve the disaster preparedness and emergency response capacity of the Mozambican Red Cross. Overall objective: to alleviate the suffering of people affected by natural disasters in Mozambique by providing them with a timely effective and well coordinated response based on a sufficient level of institutional preparedness.
Benin, Africa / Promotion des foyers érythréens dans les communes riveraines du parc national de le Pendjari	284,000.00		Committed	Other ()	Grant	Cross- cutting	Energy	Benin Ecotourism , Abomey Calavi
Burkina Faso, Africa / Acacia senegal et réhabilitation de terres dégradées pour l'amélioration de la productivité agro-sylvo-pastorale en zone sèche	300,000.00		Committed	Other ()	Grant	Cross- cutting	Agriculture	Centre national des semences forestières, Ouagadougou

Burundi, Africa / Amélioration de la gestion des déchets solides et liquides de la commune de Mutimbuzi	214,000.00		Committed	Other ()	Grant	Cross-cutting	Energy	Œuvre humanitaire pour la protection et le développement OPDE, Bujumbura
Senegal, Africa / Restauration et conservation de la mangrove dans la réserve de biosphère du delta du Saloun	270,000.00		Committed	Other ()	Grant	Adaptation	Forestry	ADG, Thies
Senegal, Africa / Développement de la filière charbon de paille au Sénégal	300,000.00		Committed	Other ()	Grant	Cross-cutting	Energy	
Democratic Republic of the Congo, Africa / projet pilote d'adaptation de l'agriculture familiale au CC par la promotion de l'agro écologie dans la presqu'île de Buzi-Bulenga au sud Kivu	214,000.00		Committed	Other ()	Grant	Adaptation	Agriculture	Associazione di cooperazione e solidarieta et Villages durables, GOMA
Rwanda, Africa / projet de développement du secteur de la pico-hydro-électricité	280,000.00		Committed	Other ()	Grant	Mitigation	Energy	Energy and water sanitation authority, Kigali
LDCs, SIDS, Latin America and the Caribbean, Haiti / Gestion autonome de l'alimentation en eau potable et renforcement des capacités pour les populations rurales vulnérables de l'Artibonite	269,000.00		Committed	Other ()	Grant	Adaptation	Water and sanitation	Organisation Calbasse Haïti, Port au Prince
Bolivia, Algeria, Benin, Burkina Faso, Burundi, Democratic Republic of the Congo, Haiti, Morocco, Rwanda, Senegal, Viet Nam, Palestine / Fonds de Solidarité Internationale de l'Eau	500,000.00		Committed	ODA	Grant	Adaptation	Water and sanitation	
/ Institut de l'Energie et de l'Environnement de la Francophonie (IEPF) -Note de décryptage	10,000.00		Provided	Other ()	Grant	Cross-cutting	Cross-cutting	
/ oSuivi des projets bilatéraux-Coaching ADG	13,300.00		Committed	Other ()	Grant	Cross-cutting	Cross-cutting	

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

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

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

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

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

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

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

^g Please specify.

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

Custom Footnotes

Table 7(b)

BEL_BR1_v1.0

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

Recipient country/ region/project/programme ^b	Total amount		Status ^c	Funding source ^g	Financial instrument ^g	Type of support ^{g, h}	Sector ^d	Additional information ^e
	Climate-specific ^f							
	European euro - EUR	USD						
Total contributions through bilateral, regional and other channels	3,821,500.00							
Burkina Faso, Africa / Création d'une ferme école agro-écologique d'apprentissage et de capitalisation des initiatives locales d'adaptation aux CC dans la commune rurale de Saaba	291,000.00		Committed	Other ()	Grant	Cross- cutting	Agriculture	Association Songui Manégré et Aide au Développement endogène, Ouagadougou
Uganda, Africa / Ageas: Afromaison (Uganda)	102,000.00		Provided	ODA	Grant	Adaptation	Water and sanitation	Protection of drinking water services by means of basin protection, sensitization and capacity building in the municipality Fort Portal, Uganda. This project focuses on securing the drinking water supply of the municipality Fort Portal, by improving the governance of water supply and sanitation practices at the upstream part of the Mpanga basin in Uganda.

Africa / World Agroforestry Center	1,500,000.00		Provided	ODA	Grant	Adaptation	Forestry	Evergreen agriculture in Southern Africa: Creating a network of organisations and innovation platforms for coordination of research and development on Evergreen Agriculture; Reviewing experiences gained from past research, refine and optimize evergreen agriculture and distil the experiences into policy recommendations and share them widely; Sensitizing policy makers to develop policies which facilitate the wide-scale promotion and adoption of evergreen agriculture; Mobilizing extension staff, farmers and other land users and scale-up Evergreen Agriculture in southern Africa.
Africa, Benin / Promotion des exploitations agricoles résilientes aux CC dans la zone agro-écologique 5 au BENIN	259,000.00		Committed	Other ()	Grant	Cross-cutting	Agriculture	Initiative pour un Développement intégré durable, Porto-Novo
Africa, Democratic Republic of the Congo / Appui au renforcement des capacités des agriculteurs et des organisations paysannes des territoires de Kabare et Uvira en vue de leur adaptation au CC	300,000.00		Committed	Other ()	Grant	Adaptation	Agriculture	OXFAM
Africa, Senegal / Amélioration des conditions de salubrité de la ville de Saint-Louis	270,000.00		Committed	Other ()	Grant	Adaptation	Cross-cutting	Ville de Saint-Louis
Africa, Senegal / Production de charbon de bois efficient et durable en Casamance	300,000.00		Committed	Other ()	Grant	Cross-cutting	Energy	CEBED
LDCs, SIDS, Latin America and the Caribbean, Haiti / Adaptation aux CC de la ville de port de Paix par la gestion intégrée des déchets ménagers	199,500.00		Committed	Other ()	Grant	Cross-cutting	Cross-cutting	Groupe d'appui au développement local, Port de Paix
Algeria, Benin, Bolivia, Burkina Faso, Burundi, Democratic Republic of the Congo, Haiti, Morocco, Rwanda, Senegal, Viet Nam / Fonds de Solidarité Internationale de l'Eau	500,000.00		Committed	ODA	Grant	Adaptation	Water and sanitation	
/ IEPF - Soutien à la mise en oeuvre des projets financés par la Wallonie	20,000.00		Committed	Other ()	Grant	Cross-cutting	Cross-cutting	
/ IEPF - Note de décryptage	20,000.00		Provided	Other ()	Grant	Cross-cutting	Cross-cutting	
/ IISD - Earth Negotiation Bulletin	60,000.00		Committed	Other ()	Grant	Cross-cutting	Cross-cutting	Traduction en français du ENB

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

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

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

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

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

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

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

^g Please specify.

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

Custom Footnotes

Table 8

BEL_BR1_v1.0

Provision of technology development and transfer support^{a,b}

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

^a To be reported to the extent possible.

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

^c Parties may report sectoral disaggregation, as appropriate.

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

Custom Footnotes

Provision of capacity-building support^a

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

^a To be reported to the extent possible.

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

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

Custom Footnotes