BR CTF submission workbook

Submission Year	2014	Party	BELARUS
Submission Version	v1.0	Submission Level	Submitted
Submission Key	BLR_2014_V1.0	Submission Status	Closed
Submitted By	Pavel Shermanau	Workbook Created	30.12.2013 04:32:10
Submitted Date	30.12.2013 04:31:41		

Contents

T 11 1 1	Contents
Table 1s1	
Table 1s2	
Table 1s3	
Table 1(a)s1	
Table 1(a)s2	
Table 1(a)s3	
Table 1(b)s1	
Table 1(b)s2	
Table 1(b)s3	
Table 1(c)s1	
Table 1(c)s2	
Table 1(c)s3	
Table 1(d)s1	
Table 1(d)s2	
Table 1(d)s3	
Table 2(a)	
Table 2(b)	
Table 2(c)	
Table 2(d)	
Table 2(e)I	
Table 2(e)II	
Table 2(f)	
Table 3	
Table 4	
Table 4(a)I_2011	
Table 4(a)I_2012	
Table 4(a)II	
Table 4(b)	
Table 5	
Table 6(a)	
Table 6(b)	Greenhouse gas projections: Scenario 'without measures' was not included.
Table 6(c)	Greenhouse gas projections: Scenario 'with additional measures' was not included.
Table 7_2011	
Table 7_2012	
Table 7(a)_2011	
Table 7(a)_2012	
Table 7(b)_2011	
Table 7(b)_2012	
Table 8	
Table 9	

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

CRF: BLR_CRF__ v1.2

	Base year ^a	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS EMISSIONS	kt CO 2 eq	kt CO 2 eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO2 eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq
CO ₂ emissions including net CO ₂ from LULUCF	75,207.50	66,870.19	61,009.45	54,689.58	32,740.72	26,327.26	29,204.20	33,420.07	33,579.79
CO ₂ emissions excluding net CO ₂ from LULUCF	103,806.85	97,475.36	90,060.21	77,204.21	64,506.23	57,599.77	58,553.79	59,867.95	58,064.85
CH ₄ emissions including CH ₄ from LULUCF	15,224.24	14,487.87	14,270.89	13,480.39	12,325.89	11,723.86	11,896.57	11,923.84	11,883.72
CH ₄ emissions excluding CH ₄ from LULUCF	15,217.16	14,484.60	14,143.26	13,472.94	12,316.24	11,704.96	11,872.42	11,920.10	11,879.46
N ₂ O emissions including N ₂ O from LULUCF	20,145.06	19,778.12	17,917.69	16,948.71	14,929.22	13,563.96	14,515.01	14,952.75	15,014.51
N₂O emissions excluding №O from LULUCF	20,127.22	19,763.47	17,777.45	16,929.26	14,907.44	13,532.14	14,477.92	14,936.48	14,998.04
HFCs	NA, NE,	NA, NE,	NA, NE, NO	NA, NE,	NA, NE,	2.84	3.68	5.34	7.13
PFCs	NA, NE,	NA, NE,	NA, NE, NO	NO NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
SF ₆	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.01	0.05	0.24	0.28
Total (including LULUCF)	110,576.79	101,136.19	93,198.02	85,118.69	59,995.83	51,617.93	55,619.51	60,302.24	60,485.43
Total (excluding LULUCF)	139,151.23	131,723.43	121,980.92	107,606.41	91,729.91	82,839.72	84,907.86	86,730.12	84,949.76

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base yeara	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt CO 2 eq	kt CO 2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq
1. Energy	102,242.80	95,782.39	88,907.85	76,539.58	64,290.15	57,259.52	58,225.45	59,522.86	57,315.47
2. Industrial Processes	3,614.68	3,504.99	3,292.80	2,639.24	2,004.89	2,035.73	2,137.00	2,303.11	2,654.35
Solvent and Other Product Use	74.40	72.39	70.38	66.36	64.34	62.33	60.32	58.31	69.47
4. Agriculture	30,644.62	29,791.14	27,139.37	25,792.92	23,279.03	21,344.50	21,895.10	22,222.40	22,177.98
5. Land Use, Land-Use Change and Forestry	-28,574.44	-30,587.25	-28,782.89	-22,487.72	-31,734.08	-31,221.80	-29,288.35	-26,427.87	-24,464.33
6. Waste	2,574.73	2,572.52	2,570.52	2,568.31	2,091.50	2,137.64	2,589.99	2,623.44	2,732.49
7. Other	NA								
Total (including LULUCF)	110,576.79	101,136.19	93,198.02	85,118.69	59,995.83	51,617.93	55,619.51	60,302.24	60,485.43

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

CRF: BLR_CRF__ v1.2

<u> </u>	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS EMISSIONS	kt CO 2 eq	kt CO 2 eq	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	kt CO2 eq	kt CO2 eq	kt CO ₂ eq	kt CO2 eq	kt CO2 eq
CO ₂ emissions including net CO ₂ from LULUCF	23,994.59	22,387.36	23,377.91	26,777.61	30,566.14	33,347.73	30,438.41	30,673.27	30,697.15	33,167.50
CO ₂ emissions excluding net CO ₂ from LULUCF	55,404.11	53,319.28	52,347.03	52,528.80	52,891.32	56,258.50	56,669.77	59,128.46	58,280.00	60,328.70
CH ₄ emissions including CH ₄ from LULUCF	11,641.59	11,430.01	11,370.60	11,344.86	12,228.18	12,781.49	13,120.23	13,814.44	14,181.28	14,525.35
CH ₄ emissions excluding CH ₄ from LULUCF	11,627.46	11,421.85	11,367.31	11,291.91	12,210.69	12,777.20	13,116.46	13,804.16	14,176.44	14,520.68
N ₂ O emissions including N ₂ O from LULUCF	14,463.09	14,435.20	13,503.53	13,016.41	13,470.72	13,853.92	14,377.43	15,103.80	14,840.48	15,729.62
N ₂ O emissions excluding N ₂ O from LULUCF	14,436.16	14,414.22	13,488.91	12,950.30	13,439.64	13,836.04	14,359.83	15,079.46	14,821.95	15,711.54
HFCs	7.98	9.35	12.90	16.38	19.24	23.14	26.19	30.05	31.00	35.80
PFCs	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
SF ₆	0.37	0.41	0.46	0.50	0.69	1.03	1.48	1.87	2.27	2.39
Total (including LULUCF)	50,107.63	48,262.32	48,265.41	51,155.77	56,284.97	60,007.31	57,963.74	59,623.42	59,752.18	63,460.65
Total (excluding LULUCF)	81,476.08	79,165.10	77,216.62	76,787.88	78,561.58	82,895.90	84,173.72	88,044.00	87,311.66	90,599.11
CREENWAVIER CAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt CO 2 eq	kt CO 2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq	kt CO2 eq
1. Energy	54,537.23	52,684.07	51,749.85	51,673.98	51,852.46	55,141.23	55,311.53	57,663.66	56,835.31	58,659.50
2. Industrial Processes	2,732.27	2,604.72	2,564.98	2,818.09	3,058.51	3,238.75	3,484.65	3,713.56	3,853.78	3,971.00
Solvent and Other Product Use	87.42	76.04	83.36	80.66	79.30	80.91	69.19	67.49	72.56	64.09
4. Agriculture	21,197.40	20,844.70	19,817.56	19,122.71	19,503.26	19,971.38	20,688.10	21,480.65	21,209.72	22,270.19
5. Land Use, Land-Use Change and Forestry	-31,368.45	-30,902.78	-28,951.22	-25,632.12	-22,276.61	-22,888.59	-26,209.98	-28,420.58	-27,559.48	-27,138.46
6. Waste	2,921.76	2,955.57	3,000.88	3,092.44	4,068.05	4,463.63	4,620.24	5,118.65	5,340.29	5,634.33
7. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (including LULUCF)	50,107.63	48,262.32	48,265.41	51,155.77	56,284.97	60,007.31	57,963.74	59,623.42	59,752.18	63,460.65

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

CRF: BLR_CRF__ v1.2

GREENHOUSE GAS EMISSIONS	2009	2010	2011	Change from base to latest reported year
	kt CO 2 eq	kt CO ₂ eq	kt CO ₂ eq	(%)
CO ₂ emissions including net CO ₂ from LULUCF	26,867.21	28,115.61	26,146.95	-65.23
CO ₂ emissions excluding net CO ₂ from LULUCF	56,827.71	58,318.34	55,401.48	-46.63
CH ₄ emissions including CH ₄ from LULUCF	14,978.02	15,226.70	15,280.43	0.37
CH ₄ emissions excluding CH ₄ from LULUCF	14,968.71	15,221.89	15,275.97	0.39
N ₂ O emissions including N ₂ O from LULUCF	16,070.90	15,909.26	16,656.41	-17.32
N ₂ O emissions excluding N ₂ O from LULUCF	16,047.76	15,890.52	16,639.92	-17.33
HFCs	32.20	13.10	NA, NE, NO	0.00
PFCs	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
SF ₆	2.42	2.42	2.42	100.00
Total (including LULUCF)	57,950.75	59,267.10	58,086.20	-47.47
Total (excluding LULUCF)	87,878.78	89,446.27	87,319.79	-37.25
	2009	2010	2011	Change from

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt CO ₂ eq	kt CO ₂ eq	kt CO ₂ eq	(%)
1. Energy	54,832.60	56,441.59	53,157.98	-48.01
2. Industrial Processes	3,996.27	4,112.54	4,148.60	14.77
3. Solvent and Other Product Use	64.06	122.44	61.57	-17.25
4. Agriculture	22,780.75	22,586.57	23,464.68	-23.43
5. Land Use, Land-Use Change and Forestry ^b	-29,928.04	-30,179.18	-29,233.59	2.31
6. Waste	6,205.10	6,183.13	6,486.97	151.95
7. Other	NA	NA	NA	0.00
Total (including LULUCF)	57,950.75	59,267.10	58,086.20	-47.47

Notes:

- (1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO_2)", "Emission trends (CH_4)", "Emission trends (N_2O)" and "Emission trends (HFCs, PFCs and SF_6)", which is included in an annex to this biennial report.
- (2) 2011 is the latest reported inventory year.
- (3) 1 kt CO_2 eq equals 1 Gg CO_2 eq.

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

- ^a The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.
- ^b Includes net CO₂, CH₄ and N₂O from LULUCF.

Table 1 (a)
Emission trends (CO₂)
(Sheet 1 of 3)

CRF: BLR_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year a	1991 kt	1992 kt	1993 kt	1994 kt	1995 kt	1996 kt	1997 kt	1998 kt
1. Energy	100,217.03		86,790.87	74,584.82					55,447.55
A. Fuel Combustion (Sectoral Approach)	100,211.07		86,786.31	74,581.30		55,580.43			55,445.24
Energy Industries	65,140.88								33,385.09
Manufacturing Industries and Construction	7,214.78		7,181.44				6,734.69		7,054.81
3. Transport	12,985.75		10,512.53						4,059.29
4. Other Sectors	14,289.93		13,964.55						10,270.27
5. Other	579.72		568.67						675.79
B. Fugitive Emissions from Fuels	5.96		4.56			3.45			2.31
Solid Fuels		NA, NE, NO							
2. Oil and Natural Gas	5.96	5.11	4.56	3.52	3.61	3.45	2.33	2.23	2.31
2. Industrial Processes	3,589.82	3,480.26	3,269.35	2,619.39	1,985.91	2,015.89	2,114.37	2,271.69	2,617.30
A. Mineral Products	1,912.86	1,870.13	1,813.52	1,634.52	1,128.11	954.21	1,037.54	1,331.51	1,526.64
B. Chemical Industry	1,671.39	1,604.51	1,450.30	980.14	853.40	1,057.96	1,072.40	934.08	1,083.60
C. Metal Production	5.56	5.62	5.52	4.73	4.40	3.72	4.43	6.10	7.06
D. Other Production	NA	NA NA	NA	NA	. NA	NA	NA	NA	NA
E. Production of Halocarbons and SF6									
F. Consumption of Halocarbons and SF6									
G. Other	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	-28,599.35	-30,605.17	-29,050.76	-22,514.62	-31,765.50	-31,272.51	-29,349.59	-26,447.88	-24,485.06
A. Forest Land	-29,899.31	-31,536.21	-29,650.79	-30,469.40	-31,572.65	-31,322.82	-29,441.18	-27,046.16	-29,102.78
B. Cropland	1,118.46	768.35	445.70	7,813.87	-320.56	-70.95	-21.60	508.49	4,534.09
C. Grassland	NE, NO		NE, NO			NE, NO			NE, NC
D. Wetlands	181.50		154.33			121.26			83.64
E. Settlements	NE, NO		NE, NO						NE, NC
F. Other Land	NE, NO		NE, NO						NE, NC
G. Other	NE		NE						NE
6. Waste	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NC	NA, NE, NO				
A. Solid Waste Disposal on Land	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NC	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NC
B. Waste-water Handling									
C. Waste Incineration	NO	NO	NO	NC	NO	NO	NO	NO	NO
D. Other	NA	. NA	NA	NA	. NA	NA	NA	NA	NA
7. Other (as specified in the summary table in CRF)	NA	. NA	NA	NA	. NA	NA	NA	NA	NA
Total CO2 emissions including net CO2 from LULUCF	75,207.50	66,870.19	61,009.45	54,689.58	32,740.72	26,327.26	29,204.20	33,420.07	33,579.79
Total CO2 emissions excluding net CO2 from LULUCF	103,806.85	97,475.36	90,060.21	77,204.21	64,506.23	57,599.77	58,553.79	59,867.95	58,064.85
Memo Items:									
International Bunkers	5,529.24	3,566.71	1,604.18	789.89	326.33	210.43	189.09	176.89	100.64
Aviation	5,529.24	3,566.71	1,604.18	789.89	326.33	210.43	189.09	176.89	100.64
Marine	NA, NO	NA, NO	NA, NO	NA, NC	NA, NO				
Multilateral Operations	NO	NO	NO	NC	NO	NO	NO	NO	NC
CO2 Emissions from Biomass	2,010.21	955.05	918.28	983.26	1,330.88	1,517.14	1,624.87	2,367.43	2,736.35

Table 1 (a)
Emission trends (CO₂)
(Sheet 2 of 3)

CRF: BLR_CRF__ v1.2

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt									
1. Energy	52,711.24	50,758.78	49,831.41	49,762.95	49,890.39	53,086.17	53,258.18	55,496.99	54,511.07	56,453.41
A. Fuel Combustion (Sectoral Approach)	52,708.97	50,756.36	49,829.01	49,760.63	49,887.44	53,083.90	53,256.13	55,494.95	54,509.19	56,451.52
Energy Industries	32,043.77	30,693.39	31,132.36	30,780.90	30,612.74	32,634.99	32,065.67	32,498.19	30,460.18	31,487.12
Manufacturing Industries and Construction	6,946.17	6,746.91	6,287.69	6,466.65	7,018.03	7,800.44	8,114.22	8,358.17	8,671.77	8,708.88
3. Transport	3,343.87	3,114.63			3,957.99		4,462.92		5,643.39	
4. Other Sectors	9,701.92	9,364.23	8,496.47	7,825.54	7,693.81	7,618.47	7,972.40	8,323.27	9,074.22	9,354.74
5. Other	673.23				604.87		640.92		659.62	
B. Fugitive Emissions from Fuels	2.27	2.41	2.40	2.32	2.95	2.27	2.05	2.04	1.88	1.89
1. Solid Fuels	NA, NE, NO									
2. Oil and Natural Gas	2.27	2.41	2.40	2.32	2.95	2.27	2.05	2.04	1.88	1.89
2. Industrial Processes	2,692.86	2,560.50	2,515.62	2,765.85	3,000.93	3,172.32	3,411.58	3,631.47	3,768.93	3,875.29
A. Mineral Products	1,474.23	1,396.96	1,359.55	1,550.73	1,779.13	1,948.87	2,176.94	2,328.57	2,436.82	2,622.11
B. Chemical Industry	1,211.38	1,155.43	1,148.01	1,207.09	1,213.34	1,213.86	1,224.27	1,291.41	1,320.17	1,239.88
C. Metal Production	7.25	8.11	8.06	8.03	8.47		10.38	11.48	11.94	13.30
D. Other Production	NA				NE		NA		NA	NA
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	-31,409.51	-30.931.92	-28,969.12	-25,751.19	-22,325.18	-22,910.76	-26,231.36	-28,455.19	-27,582.85	-27,161.20
A. Forest Land	-31,242.79	,			-22,777.06		-26,726.47			
B. Cropland	-243.10				400.51		444.29			
C. Grassland	NE, NO						NE, NO			
D. Wetlands	76.38				51.37		50.82			36.85
E. Settlements	NE, NO				NE, NO		NE, NO			NE, NO
F. Other Land	NE. NO				NE. NO		NE. NO			NE. NO
G. Other	NE, NO	. ,	. ,	. ,	NE, NO	. ,	NE, NO	. ,	. ,	. ,
6. Waste						NA, NE, NO				
A. Solid Waste Disposal on Land	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE	NA, NE, NO				
B. Waste-water Handling										
C. Waste Incineration	NC	NO								
D. Other	NA	. NA	. NA	NA	NA	NA	NA	. NA	NA	NA
7. Other (as specified in the summary table in CRF)	NA				NA		NA			
Total CO2 emissions including net CO2 from LULUCF	23,994.59			26,777.61	30,566.14		30,438.41	30,673.27	30,697.15	
Total CO2 emissions excluding net CO2 from LULUCF	55,404.11									
Memo Items:										
International Bunkers	115.89	189.09	204.33	250.08	271.43	262.28	207.38	160.31	214.86	246.49
Aviation	115.89				271.43		207.38		214.86	
Marine	NA, NO				NA, NO		NA, NO			NA, NO
Multilateral Operations	NC				NO		NO			
CO2 Emissions from Biomass	2,917.80				3,390.71		4,046.40			

Table 1(a)
Emission trends (CO₂)
(Sheet 3 of 3)

CRF: BLR_CRF__v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	52,918.12	54,279.33	51,315.46	-48.80
A. Fuel Combustion (Sectoral Approach)	52,916.15	54,277.32	51,313.36	-48.79
Energy Industries	30,265.62	31,702.37	29,007.35	-55.47
2. Manufacturing Industries and Construction	8,218.98	8,115.46	8,028.89	11.28
3. Transport	5,316.89	5,253.59	6,582.60	-49.31
4. Other Sectors	8,529.86	8,551.38	7,108.08	-50.26
5. Other	584.80	654.52	586.44	1.16
B. Fugitive Emissions from Fuels	1.98	2.01	2.10	-64.75
1. Solid Fuels	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
2. Oil and Natural Gas	1.98	2.01	2.10	-64.75
2. Industrial Processes	3,909.58	4,039.01	4,086.02	13.82
A. Mineral Products	2,584.97	2,702.61	2,709.13	41.63
B. Chemical Industry	1,312.36	1,323.04	1,362.99	-18.45
C. Metal Production	12.25	13.36	13.90	149.88
D. Other Production	NA	NA	NA	0.00
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use	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	-29,960.49	-30,202.73	-29,254.54	2.29
A. Forest Land	-30,052.70		-29,163.91	-2.46
B. Cropland	55.46	-109.85	-130.53	
C. Grassland	NE, NO			
D. Wetlands	36.74		39.90	
E. Settlements	NE, NO			
F. Other Land	NE, NO			
G. Other	NE	NE	NE	
6. Waste	NA, NE, NO	NA, NE, NO	NA, NE, NO	
A. Solid Waste Disposal on Land	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
B. Waste-water Handling				
C. Waste Incineration	NO	NO	NO	0.00
D. Other	NA	NA	NA	0.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CO2 emissions including net CO2 from LULUCF	26,867.21	28,115.61	26,146.95	-65.23
Total CO2 emissions excluding net CO2 from LULUCF	56,827.71	58,318.34	55,401.48	-46.63
Memo Items:				
International Bunkers	174.74	229.97	243.34	-95.60
Aviation	174.74		243.34	
Marine	NA, NO			
Multilateral Operations	NO			
CO2 Emissions from Biomass	4,666.72			

 ${\it Abbreviations}: {\it CRF} = {\it common reporting format, LULUCF} = {\it land use, land-use change and forestry.}$

^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 (+).

Table 1(b) Emission trends (CH₄) (Sheet 1 of 3)

CRF: BLR_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year a	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	84.99	74.65	92.02		77.83	73.88	79.07	85.72	82.90
A. Fuel Combustion (Sectoral Approach)	26.23	21.81	20.99	18.42	16.58	15.16			
Energy Industries	2.07	1.84	1.52	1.25	1.09	0.94	0.91	0.94	
Manufacturing Industries and Construction	0.40		0.40			0.38			
3. Transport	2.60	2.58	2.08	1.49	0.98	0.91	0.90	0.79	0.72
4. Other Sectors	20.71	16.47	16.41	14.67	13.39	12.32	12.21	13.73	13.70
5. Other	0.45	0.50	0.58	0.62	0.75	0.61	1.00	0.58	0.59
B. Fugitive Emissions from Fuels	58.76	52.84	71.03	67.13	61.25	58.72	63.66	69.28	66.55
1. Solid Fuels	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
2. Oil and Natural Gas	58.76	52.84	71.03	67.13	61.25	58.72	63.66	69.28	66.55
2. Industrial Processes	1.15	1.15	1.09	0.92	0.87	0.78	0.88	1.20	1.38
A. Mineral Products	NA	. NA	NA	NA	NA	NA	NA	NA	. NA
B. Chemical Industry	0.15	0.14	0.09	0.07	0.08	0.11	0.08	0.10	0.11
C. Metal Production	1.00	1.01	0.99	0.85	0.79	0.67	0.80	1.10	1.27
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	526.66	501.93	468.16	442.70	417.78	390.08	371.81	365.96	361.92
A. Enteric Fermentation	474.68	452.17	421.72	399.70	377.77	352.46	335.97	330.88	326.99
B. Manure Management	51.98	49.75	46.44	43.00	40.02	37.62	35.84	35.08	34.93
C. Rice Cultivation	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Agricultural Soils	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
E. Prescribed Burning of Savannas	NO	NO	NO			NO	NO	NO	NO
F. Field Burning of Agricultural Residues	NO		NO			NO			
G. Other	NA		NA			NA			
5. Land Use, Land-Use Change and Forestry	0.34					0.90			
A. Forest Land	0.34					0.90			
B. Cropland	NA, NO		NA, NO			NA, NO			
C. Grassland	NO		NO			NO			
D. Wetlands	NE, NO		NE, NO			NE, NO			
E. Settlements	NE					NE			
F. Other Land	NE	NE NE	NE			NE			
G. Other	NE					NE			
6. Waste	111.83				90.00	92.64			
A. Solid Waste Disposal on Land	111.83				90.00	92.64			
B. Waste-water Handling	NE					NE			
C. Waste Incineration	NO		NO			NO			
D. Other	NA NA		NA			NA			
7. Other (as specified in the summary table in CRF)	NA NA		NA NA		NA NA	NA NA			
Total CH4 emissions including CH4 from LULUCF	724.96			641.92		558.28			
Total CH4 emissions excluding CH4 from LULUCF	724.63		673.49			557.38			
Memo Items:	724.03	009.74	073.49	041.57	300.49	337.38	303.33	307.02	303.05
International Bunkers	0.04	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
Aviation	0.04		0.01	0.01	0.00	0.00			
Aviation Marine	NA, NO		NA, NO			NA, NO			
Multilateral Operations	NA, NO		NA, NO NO			NA, NO NO			
Multilateral Operations CO2 Emissions from Biomass	NO	NO	NO	NO	NO	NO	NO	NO	NU

Emission trends (CH₄) (Sheet 2 of 3)

eet 2 of 3) CRF: BLR_CRF__v1.2

CREENHOUSE CAS SOURCE AND SINK CATECORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt									
1. Energy	81.25	86.19	85.94	85.70	88.20	92.46	92.06	97.00	104.63	99.04
A. Fuel Combustion (Sectoral Approach)	16.15	16.58	15.97	15.09	14.85	14.67	16.34	17.65	17.25	15.66
Energy Industries	0.88	0.86	0.81	0.81	0.83	0.88	0.90	0.96	0.91	0.96
Manufacturing Industries and Construction	0.42	0.43	0.44	0.47	0.51	0.56	0.61	0.62	0.66	0.67
3. Transport	0.58	0.49	0.47	0.63	0.62	0.67	0.69	0.84	0.83	0.91
4. Other Sectors	13.76	13.89	13.19	12.67	12.37	11.99	13.55	14.62	14.10	12.56
5. Other	0.51	0.91	1.06	0.50	0.51	0.57	0.59	0.61	0.74	0.56
B. Fugitive Emissions from Fuels	65.10	69.61	69.97	70.62	73.35	77.80	75.73	79.35	87.38	83.38
1. Solid Fuels	NA, NE, NO	NA, NE, NC								
2. Oil and Natural Gas	65.10	69.61	69.97	70.62	73.35	77.80	75.73	79.35	87.38	83.38
2. Industrial Processes	1.44	1.61	1.68	1.64	1.75	1.97	2.11	2.34	2.41	2.69
A. Mineral Products	NA	NA	NA	NA	NA, NE	NA	NA	NA	NA	NA
B. Chemical Industry	0.14	0.15	0.23	0.20	0.23	0.24	0.24	0.28	0.26	0.30
C. Metal Production	1.30	1.46	1.45	1.45	1.52	1.73	1.87	2.07	2.15	2.39
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA									
3. Solvent and Other Product Use										
4. Agriculture	342.93	326.42	322.00	314.32	308.54	312.38	321.48	325.37	324.80	332.15
A. Enteric Fermentation	309.06	294.01	290.46	283.34	277.96	281.71	290.00	293.15	292.45	299.26
B. Manure Management	33.88	32.41	31.54	30.98	30.58	30.67	31.48	32.22	32.35	32.90
C. Rice Cultivation	NO									
D. Agricultural Soils	NA, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO				
E. Prescribed Burning of Savannas	NO									
F. Field Burning of Agricultural Residues	NO									
G. Other	NA									
5. Land Use, Land-Use Change and Forestry	0.67	0.39	0.16	2.52	0.83	0.20	0.18	0.49	0.23	0.22
A. Forest Land	0.67	0.39	0.16	2.52	0.83	0.20	0.18	0.49	0.23	0.22
B. Cropland	NA, NO									
C. Grassland	NO									
D. Wetlands	NE, NO	NE, NC								
E. Settlements	NE									
F. Other Land	NE									
G. Other	NE									
6. Waste	128.06	129.67	131.68	136.04	182.97	201.63	208.94	232.63	243.22	257.57
A. Solid Waste Disposal on Land	128.06	129.67	131.68	136.04	182.97	201.63	208.94	232.63	243.22	257.57
B. Waste-water Handling	NE									
C. Waste Incineration	NO	NC								
D. Other	NA									
7. Other (as specified in the summary table in CRF)	NA									
Total CH4 emissions including CH4 from LULUCF	554.36	544.29	541.46	540.23	582.29	608.64	624.77	657.83	675.30	691.68
Total CH4 emissions excluding CH4 from LULUCF	553.69	543.90	541.30	537.71	581.46	608.44	624.59	657.34	675.07	691.46
Memo Items:										
International Bunkers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	NA, NO									
Multilateral Operations	NO	NC								
CO2 Emissions from Biomass										

CRF: BLR_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year
	kt	kt	kt	%
1. Energy	85.05	97.07	81.86	-3.69
A. Fuel Combustion (Sectoral Approach)	14.78	15.15	15.17	-42.17
1. Energy Industries	1.14	1.17	1.09	
Manufacturing Industries and Construction	0.57	0.59	0.59	
3. Transport	0.84	0.85	0.94	
4. Other Sectors	11.42	11.67	11.88	-42.61
5. Other	0.81	0.86	0.67	50.35
B. Fugitive Emissions from Fuels	70.27	81.93	66.69	
1. Solid Fuels	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
2. Oil and Natural Gas	70.27	81.93	66.69	13.48
2. Industrial Processes	2.43	2.71	2.81	144.90
A. Mineral Products	NA	NA	NA	0.00
B. Chemical Industry	0.23	0.30	0.31	110.55
C. Metal Production	2.20	2.40	2.50	149.87
D. Other Production				
E. Production of Halocarbons and SF6				
F. Consumption of Halocarbons and SF6				
G. Other	NA	NA	NA	0.00
3. Solvent and Other Product Use				
4. Agriculture	339.85	340.70	343.95	-34.69
A. Enteric Fermentation	306.45	306.57	307.29	-35.26
B. Manure Management	33.40	34.14	36.66	-29.48
C. Rice Cultivation	NO	NO	NO	0.00
D. Agricultural Soils	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
E. Prescribed Burning of Savannas	NO	NO	NO	0.00
F. Field Burning of Agricultural Residues	NO	NO	NO	0.00
G. Other	NA	NA	NA	0.00
5. Land Use, Land-Use Change and Forestry	0.44	0.23	0.21	-37.09
A. Forest Land	0.44	0.23	0.21	-37.09
B. Cropland	NA, NO	NA, NO	NA, NO	0.00
C. Grassland	NO	NO	NO	0.00
D. Wetlands	NE, NO	NE, NO	NE, NO	0.00
E. Settlements	NE	NE	NE	0.00
F. Other Land	NE	NE	NE	0.00
G. Other	NE	NE	NE	0.00
6. Waste	285.47	284.37	298.81	167.20
A. Solid Waste Disposal on Land	285.47	284.37	298.81	167.20
B. Waste-water Handling	NE	NE	NE	0.00
C. Waste Incineration	NO	NO	NO	0.00
D. Other	NA	NA	NA	0.00
7. Other (as specified in the summary table in CRF)	NA	NA	NA	0.00
Total CH4 emissions including CH4 from LULUCF	713.24	725.08	727.64	0.37
Total CH4 emissions excluding CH4 from LULUCF	712.80	724.85	727.43	0.39
Memo Items:				
International Bunkers	0.00	0.00	0.00	-95.60
Aviation	0.00			
Marine	NA, NO			
Multilateral Operations	NO	NO		
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.

Emission trends (N₂O) (Sheet 1 of 3)

CRF: BLR_CRF__ v1.2

annuversan a sa covin an sun ar	Base year a	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt	kt	kt	kt	kt	kt	kt	kt	kt
1. Energy	0.78	0.71	0.60	0.51	0.44	0.40	0.40	0.41	0.41
A. Fuel Combustion (Sectoral Approach)	0.78	0.71	0.60	0.51	0.44	0.40	0.40	0.41	0.41
1. Energy Industries	0.40	0.37	0.28	0.23	0.20	0.17	0.17	0.15	0.15
2. Manufacturing Industries and Construction	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04
3. Transport	0.11	0.11	0.09	0.07	0.04	0.04	0.04	0.04	0.03
4. Other Sectors	0.22	0.18	0.17	0.16	0.15	0.15	0.15	0.17	0.18
5. Other	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE, NO
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A. Mineral Products	NA	NA	NA	NA	NA	NA	NA	NA	NA
B. Chemical Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.24	0.23	0.23	0.21	0.21	0.20	0.19	0.19	0.22
4. Agriculture	63.18	62.10	55.83	53.21	46.79	42.43	45.44	46.89	47.02
A. Enteric Fermentation									
B. Manure Management	9.49	9.48	8.72	8.21	7.70	7.24	6.90	6.72	6.59
C. Rice Cultivation									
D. Agricultural Soils	53.69	52.62	47.11	45.00	39.09	35.18	38.54	40.18	40.44
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
G. Other	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Land Use, Land-Use Change and Forestry	0.06	0.05	0.45	0.06	0.07	0.10	0.12	0.05	0.05
A. Forest Land	0.05	0.04	0.44	0.05	0.06	0.10	0.11	0.05	0.05
B. Cropland	IE, NA, NE, NO	IE, NA, NE, NO	IE, NA, NE,		IE, NA, NE, NO	IE, NA, NE, NO	IE, NA, NE, NO	IE, NA, NE, NO	IE, NA, NE
C. Grassland	NO	NO	NO		NO	NO	NO	NO	NC
D. Wetlands	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.00
E. Settlements	NE	NE			NE	NE		NE	NE
F. Other Land	NE	NE	NE	NE	NE	NE	NE	NE	NE
G. Other	NE	NE				NE		NE	NE
6. Waste	0.73	0.71				0.62			0.72
A. Solid Waste Disposal on Land									
B. Waste-water Handling	0.73	0.71	0.69	0.67	0.65	0.62	0.66	0.69	0.72
C. Waste Incineration	NO	NO				NO		NO	NO
D. Other	NA	NA				NA		NA	NA
7. Other (as specified in the summary table in CRF)	NA	NA	NA		NA	NA		NA	NA
Total N2O emissions including N2O from LULUCF	64.98				48.16	43.75			48.43
Total N2O emissions excluding N2O from LULUCF	64.93				48.09	43.65			48.38
Memo Items:									
International Bunkers	0.16	0.10	0.05	0.02	0.01	0.01	0.01	0.00	0.00
Aviation	0.16					0.01	0.01	0.00	0.00
Marine	NA, NO	NA, NO				NA, NO	NA, NO	NA, NO	NA, NO
Multilateral Operations	NO NO				NO	NO	NO	NO NO	NC NC
CO2 Emissions from Biomass							.10		.,,

Emission trends (N₂O) (Sheet 2 of 3)

eet 2 of 3) CRF: BLR_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	kt									
1. Energy	0.39	0.37	0.37	0.36	0.35	0.37	0.39	0.42	0.41	0.41
A. Fuel Combustion (Sectoral Approach)	0.39	0.37	0.37	0.36	0.35	0.37	0.39	0.42	0.41	0.41
Energy Industries	0.14	0.13	0.12	0.12	0.12	0.12	0.12	0.13	0.12	0.12
Manufacturing Industries and Construction	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05
3. Transport	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.05
4. Other Sectors	0.18	0.18	0.17	0.17	0.16	0.16	0.18	0.19	0.20	0.18
5. Other	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	NA, NE, NO									
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A. Mineral Products	NA	NA	NA	NA	NA, NE	NA	NA	NA	NA	NA
B. Chemical Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C. Metal Production	NO									
D. Other Production										
E. Production of Halocarbons and SF6										
F. Consumption of Halocarbons and SF6										
G. Other	NA									
3. Solvent and Other Product Use	0.28	0.25	0.27	0.26	0.26	0.26	0.22	0.22	0.23	0.21
4. Agriculture	45.15	45.13	42.11	40.39	42.01	43.26	44.96	47.25	46.42	49.34
A. Enteric Fermentation										
B. Manure Management	6.31	6.03	5.85	5.65	5.49	5.43	5.47	5.49	5.47	5.55
C. Rice Cultivation										
D. Agricultural Soils	38.84	39.10	36.27	34.75	36.52	37.83	39.49	41.76	40.94	43.78
E. Prescribed Burning of Savannas	NO									
F. Field Burning of Agricultural Residues	NO									
G. Other	NA									
5. Land Use, Land-Use Change and Forestry	0.09	0.07	0.05	0.21	0.10	0.06	0.06	0.08	0.06	0.06
A. Forest Land	0.08	0.06	0.04	0.21	0.10	0.06	0.05	0.08	0.06	0.06
B. Cropland	IE, NA, NE,									
	NO									
C. Grassland	NO									
D. Wetlands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E. Settlements	NE	NE		NE	NE		NE	NE	NE	NE
F. Other Land	NE	NE	NE	NE	NE		NE	NE	NE	NE
G. Other	NE	NE	NE	NE	NE		NE	NE	NE	NE
6. Waste	0.75	0.75	0.76	0.76	0.73	0.74	0.75	0.75	0.75	0.73
A. Solid Waste Disposal on Land										
B. Waste-water Handling	0.75	0.75	0.76		0.73	0.74	0.75	0.75	0.75	0.73
C. Waste Incineration	NO									
D. Other	NA									
7. Other (as specified in the summary table in CRF)	NA									
Total N2O emissions including N2O from LULUCF	46.66	46.57	43.56	41.99	43.45	44.69	46.38	48.72	47.87	50.74
Total N2O emissions excluding N2O from LULUCF	46.57	46.50	43.51	41.78	43.35	44.63	46.32	48.64	47.81	50.68
Memo Items:										
International Bunkers	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
Aviation	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
Marine	NA, NO									
Multilateral Operations	NO									
CO2 Emissions from Biomass										

Emission trends (N₂O) (Sheet 3 of 3)

of 3) CRF: BLR_CRF__v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010 kt	2011	Change from base to latest reported year %
1. Energy	0.41	0.40	0.40	-48.74
A. Fuel Combustion (Sectoral Approach)	0.41	0.40	0.40	-48.73
	0.16	0.40	0.40	-46.73 -65.17
Energy Industries Many States in Laboration and Construction		0.15		
Manufacturing Industries and Construction	0.04		0.05	7.84
3. Transport	0.04	0.04	0.05	-53.04
4. Other Sectors	0.16	0.16	0.15	-30.34
5. Other	0.00	0.01	0.00	-12.76
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	-64.75
1. Solid Fuels	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00
2. Oil and Natural Gas	0.00	0.00	0.00	-64.75
2. Industrial Processes	0.00	0.00	0.00	53.83
A. Mineral Products	NA	NA	NA	0.00
B. Chemical Industry	0.00	0.00	0.00	53.83
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	0.21	0.39	0.20	-17.25
4. Agriculture	50.46	49.78	52.39	-17.07
A. Enteric Fermentation				
B. Manure Management	5.67	5.75	5.88	-38.02
C. Rice Cultivation				
D. Agricultural Soils	44.80	44.03	46.51	-13.37
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 NA	NA NA	0.00
5. Land Use, Land-Use Change and Forestry	0.07	0.06	0.05	-7.54
A. Forest Land	0.07	0.06	0.05	8.40
B. Cropland	IE, NA, NE, NO	IE, NA, NE,	IE, NA, NE, NO	0.00
C. Grassland	NO	NO	NO	0.00
D. Wetlands	0.00	0.00	0.00	-78.01
E. Settlements	NE	NE	NE	0.00
F. Other Land	NE	NE	NE	0.00
G. Other	NE	NE	NE	0.00
6. Waste	0.68	0.68	0.68	-6.38
A. Solid Waste Disposal on Land				
B. Waste-water Handling	0.68	0.68	0.68	-6.38
C. Waste Incineration	NO			
D. Other	NA			0.00
7. Other (as specified in the summary table in CRF)	NA NA			0.00
Total N2O emissions including N2O from LULUCF	51.84			-17.32
Total N2O emissions excluding N2O from LULUCF	51.77	51.26		-17.33
Memo Items:	31.77	31.20	55.00	17.33
International Bunkers	0.00	0.01	0.01	-95.60
Aviation	0.00			-95.60
Marine	NA, NO			
Multilateral Operations	NO	NO	NO	0.00
CO2 Emissions from Biomass				

Abbreviations : CRF = common reporting format, LULUCF = land use, land-use change and $f \epsilon$

^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.

Emission trends (HFCs, PFCs and SF₆) CRF: BLR_CRF__ v1.2 (Sheet 1 of 3)

CREENHOUSE CAS SOURCE AND SHAW CATEGORIES	Base year a	1991	1992	1993	1994	1995	1996	1997	1998
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt								
Emissions of HFCsc - (kt CO2 eq)	NA, NE,	2.84	3.68	5.34	7.13				
	NO	NO	NO	NO	NO				
HFC-23	NA, NE,	NA, NE,	NA, NE,	NA, NE, NO	NA, NE,	0.00	0.00	0.00	0.00
HFC-32	NO NA, NE,	NA, NE,	NO NA, NE,	NA, NE,	NO NA, NE,	0.00	0.00	0.00	0.00
111 C-32	NO NO	NA, NE,	NO NO	NO NO	NO NO	0.00	0.00	0.00	0.00
HFC-41	NA, NE,								
	NO								
HFC-43-10mee	NA, NE,								
	NO								
HFC-125	NA, NE,	0.00	0.00	0.00	0.00				
HFC-134	NO NA NE	0.00	0.00	0.00	0.00				
HFC-134	NA, NE, NO	0.00	0.00	0.00	0.00				
HFC-134a	NA, NE,	0.00	0.00	0.00	0.00				
111 C-154a	NA, NE,	NA, NE,	NO NO	NO NO	NO NO	0.00	0.00	0.00	0.00
HFC-152a	NA, NE,	0.00	0.00	0.00	0.00				
	NO	NO	NO	NO	NO				
HFC-143	NA, NE,								
	NO								
HFC-143a	NA, NE,	0.00	0.00	0.00	0.00				
	NO	NO	NO	NO	NO				
HFC-227ea	NA, NE,								
HFC-236fa	NO NA, NE,	NO NA NE	NO NA, NE,	NO NA NE					
HFC-2301a	NA, NE, NO								
HFC-245ca	NA, NE,	NA, NE.							
110 2 1300	NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO.
Unspecified mix of listed HFCsd - (kt CO ₂ eq)	NA, NE,								
· · · · · ·	NO								
Emissions of PFCsc - (kt CO2 eq)	NA, NE,								
	NO								
CF ₄	NA, NE,								
O.F.	NO NA NE	NO NA NE	NO NO	NO NA NE	NO NO	NO NA NE	NO NO	NO NO	NO NA NE
C_2F_6	NA, NE, NO								
C 3F8	NA, NE,	NA, NE.							
C 31 0	NO NO	NO.							
C_4F_{10}	NA, NE,								
4.10	NO								
c-C ₄ F ₈	NA, NE,								
	NO								
C_5F_{12}	NA, NE,								
O.F.	NO NA NE	NO NA NE	NO NO	NO NO	NO NA NE	NO NA NE	NO NO	NO NO	NO NA NE
C_6F_{14}	NA, NE,	NA, NE, NO	NA, NE,	NA, NE,	NA, NE,				
Unspecified mix of listed PFCs(4) - (Gg CO ₂ equivalent)	NO NA, NE,	NA, NE,	NO NA, NE,	NO NA, NE,	NA, NE				
onspectifica fina of fisical FPCs(4) - (Og CO ₂ equivalent)	NA, NE, NO	NA, NE, NO	NA, NE, NO	NA, NE,	NA, NE,	NA, NE, NO	NA, NE,	NA, NE, NO	NA, NE,
Emissions of SF6(3) - (Gg CO2 equivalent)	NA, NE,	0.01	0.05	0.24	0.28				
(~B ~~ - J. (~)	NO NO	0.01	0.05	V.2 T	0.20				
SF ₆	NA, NE,	0.00	0.00	0.00	0.00				
	NO	NO	NO	NO	NO				

BLR_BR1_v1.0

ble 1(d)

CRF: BLR_CRF__ v1.2

CREENHOUSE CAS SOURCE AND SIMP CATECORIES	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	kt									
Emissions of HFCsc - (kt CO2 eq)	7.98	9.35	12.90	16.38	19.24	23.14	26.19	30.05	31.00	35.80
HFC-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-41	NA, NE, NO									
HFC-43-10mee	NA, NE, NO									
HFC-125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-134a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
HFC-152a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-143	NA, NE, NO									
HFC-143a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HFC-227ea	NA, NE, NO									
HFC-236fa	NA, NE, NO									
HFC-245ca	NA, NE, NO									
Unspecified mix of listed HFCsd - (kt CO ₂ eq)	NA, NE, NO									
Emissions of PFCsc - (kt CO2 eq)	NA, NE, NO									
CF ₄	NA, NE, NO									
C_2F_6	NA, NE, NO									
C 3F8	NA, NE, NO									
C_4F_{10}	NA, NE, NO									
c-C ₄ F ₈	NA, NE, NO									
C ₅ F ₁₂	NA, NE, NO									
C ₆ F ₁₄	NA, NE, NO									
Unspecified mix of listed PFCs(4) - (Gg CO ₂ equivalent)	NA, NE, NO									
Emissions of SF6(3) - (Gg CO2 equivalent)	0.37	0.41	0.46	0.50	0.69	1.03	1.48	1.87	2.27	2.39
SF ₆	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 1(d)
Emission trends (HFCs, PFCs and SF₆)
(Sheet 3 of 3)

CRF: BLR_CRF__ v1.2

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	2009	2010	2011	Change from base to latest reported year	
	kt	kt	kt	%	
Emissions of HFCsc - (kt CO2 eq)	32.20	13.10	NA, NE, NO	0.00	
HFC-23	0.00	0.00	NA, NE, NO	0.00	
HFC-32	0.00	NA, NE, NO	NA, NE, NO	0.00	
HFC-41	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
HFC-43-10mee	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
HFC-125	0.00	NA, NE, NO	NA, NE, NO	0.00	
HFC-134	0.00	0.00	NA, NE, NO	0.00	
HFC-134a	0.00	0.01	NA, NE, NO	0.00	
HFC-152a	0.00	NA, NE, NO	NA, NE, NO	0.00	
HFC-143	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
HFC-143a	0.00	NA, NE, NO	NA, NE, NO	0.00	
HFC-227ea	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
HFC-236fa	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
HFC-245ca	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
Unspecified mix of listed HFCsd - (kt CO2 eq)	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
Emissions of PFCsc - (kt CO2 eq)	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
CF ₄	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
C ₂ F ₆	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
C 3F8	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
C_4F_{10}	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
c-C ₄ F ₈	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
C_5F_{12}	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
C_6F_{14}	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
Unspecified mix of listed PFCs(4) - (Gg CO ₂ equivalent)	NA, NE, NO	NA, NE, NO	NA, NE, NO	0.00	
Emissions of SF6(3) - (Gg CO2 equivalent)	2.42		2.42		
SF ₆	0.00	0.00	0.00	100.00	

 $\label{eq:abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and forestry.$

^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.)

Documentation Box:			

^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.

Table 2(a) BLR_BR1_v1.0

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

Party	Belarus	
Base year /base period	1990	
Emission reduction target	% of base year/base period	% of 1990 ^b
	88.00	
Period for reaching target	BY-2020	

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

^b Optional.

Table 2(b) BLR_BR1_v1.0

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

Gas	ses covered	Base year for each gas (year):
CO ₂		1990
CH ₄		1990
N_2O		1990
HFCs		1995
PFCs		1995
SF ₆		1995
NF ₃		1995
Other Gases (specify)		
Sectors covered ^b	Energy	Yes
'	Transport ^f	Yes
	Industrial processes ^g	Yes
	Agriculture	Yes
	LULUCF	No
	Waste	Yes
	Other Sectors (specify)	'

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

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

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

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

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

Table 2(c) BLR BR1 v1.0

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

Gases	GWP values ^b
CO_2	2nd AR
CH ₄	2nd AR
N ₂ O	2nd AR
HFCs	2nd AR
PFCs	2nd AR
SF ₆	2nd AR
NF ₃	2nd AR
Other Gases (specify)	

Abbreviations: GWP = global warming potential

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

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

Table 2(d)
BLR BR1 v1.0

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

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

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

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

Table 2(e)I BLR BR1 v1.0

Description of quantified economy-wide emission reduction target: market-based mechanisms under the ${\bf Convention}^a$

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

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

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

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

ⁱ AAUs issued to or purchased by a Party.

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

Table 2(e)II BLR_BR1_v1.0

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

Other market-based mechanisms	Possible scale of contributions
(Specify)	(estimated kt CO_2 eq)

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

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

BLR BR1 v1.0

Custom Footnotes

Table 2(f)

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

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

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 mitigati cumulative, in k	
State program on mitigation actions on 2013-2020	Agriculture, Forestry/LULUC F, Cross-cutting		Measures on systematic observation, climate change mitigation and adaptation measures; scientific and information support of the implementation of such measures; international cooperation on climate change	Economic Information Regulatory Research	Implemented		2013	Ministry of Natural Resources and Environmental Protection Ministry of Forestry Ministry of education		10,000.00
Strategy on energy potential development	Energy			Other (Regulatory)	Implemented		2010	Ministry of energy and other ministries		
Strategy on tehnological potential development	Industry/industria l processes		Measures on modernization of industries, reduce energy efficiency and development of technologies	Economic Information Regulatory	Implemented		2010	Ministry of economy and other ministries		
State program on innovation development	Industry/industria I processes, Cross-cutting, Energy, Transport, Agriculture, Forestry/LULUC F, Waste management/was te				Implemented		2011	All Ministers and State Agencies		

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 ^c	Start year of implementation	Implementing entity or entities	Estimate of mitiga cumulative, in	
Program on socio- economic development				Economic Education Fiscal Information Re gulatory Research	Implemented		2011	All Ministers and State Agencies		
State program on construction of energy sources on local fuels	Energy	CH ₄ , CO ₂ , N ₂ O	Construction of energy sources on local fuels	Other (Regulatory)	Implemented		2010	Ministry on energy and other ministries		
State program on energy system development	Energy	CO ₂ , CH ₄ , N ₂ O	Balanced modernization and development of the energy system; development of information and telecommunication infrastructure and centralized process management; improving the efficiency of the energy system and financial improvement of power supply companies; improvement of tariff policy; creating conditions for connection to the electric network of market participants on a non-discriminatory access conditions; decrease greenhouse gas emissions; development of cross-border power grid paragiests		Implemented		2011	Ministry of energy and other ministries		

Table 3

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

Name of mitigation action	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)
State energy saving program	Energy	CH ₄ , CO ₂ , N ₂ C	Increase the efficiency of local energy sources; development of renewable energy sources; reduction of losses in energy transport; measures on energy efficiency in industry, construction, agriculture and the public sector; reduction of energy consumption in housing and communal services	Other (Regulatory)	Implemented		2010	Ministry of energy and other ministries	12,300.00
National program on development of local and renewable energy sources	Energy	CH ₄ , CO ₂ , N ₂ C	Increase domestic energy resources and development of new trends in energy	Other (Regulatory)	Implemented		2011	Ministry of energy Standardization state agency Other Ministries	2,710.00
Program on construction of biogas energy sources	Energy, Agriculture	CH ₄ , CO ₂ , N ₂ C	Measures on construction of biogas energy sources	Other (Regulatory)	Implemented		2010	Ministry of housing and communal services Ministry of energy	
State program on construction of hydropower plants	Energy	CH ₄ , CO ₂ , N ₂ C		Other (Regulatory)	Implemented		2010	Ministry of energy and other ministries	
State development program of industrial complex	Industry/indu l processes	stria CH ₄ , CO ₂ , N ₂ C	Measures on industrial complex development in order to create environmental- friendly industrial sector	Other (Regulatory)	Implemented		2012	Ministry of economy and other ministries	
State program on transport development	Transport	CH ₄ , CO ₂ , N ₂ C		Economic Fiscal Regulatory	Implemented		2010	Ministry of transport and other ministries	
State program on railway transport development	Transport	CH ₄ , CO ₂ , N ₂ C		Other (Regulatory)	Implemented		2010	Ministry of transport and other ministries	

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 mitigo cumulative, in	
State forestry program	Forestry/LULUC F		Measures on modernization of forestry production; improvement of forestry resource management; improvement of technical equipment of state forest protection; implementation of economically and environmentally efficient technologies on wood waste		Implemented		2010	Ministry of forestry and other ministries		
State program on housing and communal services development	Waste management/was te	N ₂ O, CH ₄	Measures to improve energy efficiency and reliability of housing and communal services		Implemented		2013	Ministry of housing and communal services		

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.

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

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

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

f Optional year or years deemed relevant by the Party.

Table 4 BLR_BR1_v1.0

Reporting on progress^{a, b}

	Total emissions excluding LULUCF	Contribution from LULUCF ^d	Quantity of units from market based mechanisms under the Convention		Quantity of units from other market ba mechanisms	
Year ^c	(kt CO 2 eq)	(kt CO 2 eq)	(number of units)	(kt CO 2 eq)	(number of units)	(kt CO 2 eq)
(1990)						
2010						
2011						
2012						

 $\label{eq:abbreviation:equal} \textit{Abbreviation}: \textit{GHG} = \textit{greenhouse gas}, \textit{LULUCF} = \textit{land use}, \textit{land-use change and forestry}.$

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

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

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

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

Table 4(a)I BLR_BR1_v1.0

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

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

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

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

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.

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.

Table 4(a)I BLR_BR1_v1.0

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

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

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

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

^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.

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.

Table 4(a)II BLR_BR1_v1.0 Source: BLR_CRF_v1.2

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

GREENHOUSE GAS SOURCE AND SINK ACTIVITIES	Base year ^d	Net emissions/removals ^c					Accounting parameters	Accounting quantity i
		2008	2009	2010	2011	Total ^g		
				(kt CO2 eq)				
A. Article 3.3 activities								
A.1. Afforestation and Reforestation								NA
A.1.1. Units of land not harvested since the beginning of the commitment periodj		NA	NA	NA	NA	NA		NA
A.1.2. Units of land harvested since the beginning of the commitment periodj								
A.2. Deforestation		NA	NA	NA	NA	NA		NA
B. Article 3.4 activities								
B.1. Forest Management (if elected)		NA	NA	NA	NA	NA		NA
3.3 offset ^k							0	NA
FM cap ^t							0	NA
B.2. Cropland Management (if elected)	0	NA	NA	NA	NA	NA	0	0
B.3. Grazing Land Management (if elected)	0	NA	NA	NA	NA	NA	0	0
B.4. Revegetation (if elected)	0	NA	NA	NA	NA	NA	. 0	0

Note: 1 kt 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 prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.
- b Developed country Parties with a quantified economy-wide emission reduction target as communicated to the secretariat and contained in document FCCC/SB/2011/INF.1/Rev.1 or any update to that document, that are Parties to the Kyoto Protocol, may use table 4(a)II for reporting of accounting quantities if LULUCF is contributing to the attainment of that target.
- ^c Parties can include references to the relevant parts of the national inventory report, where accounting methodologies regarding LULUCF are further described in the documentation box or in the biennial
- $^{\it d}$ 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.
- 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.
- ¹ 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.
- 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.
- 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 megatomes 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.
- ¹ 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.

Documentation Box:		

Reporting on progress^{a, b, c}

	Unite of market based mechanisms		Ye	ear
	Units of market based mechanisms		2011	2012
	V da Duada al da	(number of units)		
	Kyoto Protocol units	(kt CO ₂ eq)		
	AAUs	(number of units)		
	AAUS	(kt CO2 eq)		
	EDIT	(number of units)		
Kyoto	ERUs	(kt CO2 eq)		
Protocol units ^d	GER	(number of units)		
ınııs	CERs	(kt CO2 eq)		
	and the second	(number of units)		
	tCERs	(kt CO2 eq)		
		(number of units)		
	ICERs	(kt CO2 eq)		
	Units from market-based mechanisms under the	(number of units)		
	Convention	(kt CO ₂ eq)		
Other units				
d,e		(number of units)		
	Units from other market-based mechanisms	(kt CO ₂ eq)		
Total	ı	(number of units)		
τοιαι		(kt CO ₂ eq)		

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, lCERs = long-term certified emission reductions, tCERs = temporary certified emission reductions. Note: 2011 is the latest reporting year.

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

Key underlying assun	ıptions			Histori	ical ^b			Projected			
Assumption	Unit	1990	1995	2000	2005	2010	2011	2015	2020	2025	2030
Population	thousands	10,188.90	10,177.30	9,956.70	9,697.50	9,500.00	9,481.20	9,400.00	9,400.00		
GDP growth rate	%	98.80	88.70	105.80	109.40	107.70	105.30	107.60	107.00		

 $^{^{\}it a}$ Parties should include key underlying assumptions as appropriate.

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

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

			GHG emis	ssions and rem	ovals b		GHG emissions and removals ^b										
		(kt CO ₂ eq)															
	Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030								
Sector d,e																	
Energy	102,242.80	102,242.80	57,259.52	52,684.07	55,311.53	56,441.59	53,157.98	61,802.25									
Transport																	
Industry/industrial processes	3,614.68	3,614.68	2,035.73	2,604.72	3,484.65	4,112.54	4,148.60	5,950.77									
Agriculture	30,644.42	30,644.42	21,344.50	20,844.70	20,668.10	22,586.57	23,464.68	26,143.71									
Forestry/LULUCF	-28,574.44	-28,574.44	-31,221.80	-30,902.78	-26,209.98	-30,179.18	-29,233.59	-27,879.97									
Waste management/waste	2,574.73	2,574.73	2,137.64	2,955.57	4,620.24	6,183.13	6,486.97	13,855.73									
Other (specify)																	
Gas																	
CO ₂ emissions including net CO ₂ from LULUCF	75,207.50	75,207.50	26,327.26	22,387.36	30,438.41	28,115.61	26,146.95	37,869.53									
CO ₂ emissions excluding net CO ₂ from LULUCF	103,806.85	103,806.85	57,599.77	53,319.28	56,669.77	58,318.34	55,401.48	65,778.93									
CH ₄ emissions including CH ₄ from LULUCF	15,224.24	15,224.24	11,723.86	11,430.01	13,120.23	15,226.70	15,280.43	23,567.09									
CH ₄ emissions excluding CH ₄ from LULUCF	15,217.16	15,217.16	11,704.96	11,421.85	13,116.46	15,221.89	15,275.97	23,558.42									
N ₂ O emissions including N ₂ O from LULUCF	20,145.06	20,145.06	13,563.96	14,435.20	14,377.43	15,909.26	16,656.41	18,728.00									
N ₂ O emissions excluding N ₂ O from LULUCF	20,127.22	20,127.22	13,532.14	14,414.22	14,359.83	15,890.52	16,639.92	18,707.17									
HFCs	2.84		2.84	9.35	26.19	13.10		32.20									
PFCs																	
SF ₆	0.01		0.01	0.41	1.48	2.42	2.42	2.39									
Other (specify)																	
Total with LULUCF	110,579.65	110,576.80	51,617.93	48,262.33	57,963.74	59,267.09	58,086.21	80,199.21									
Total without LULUCF	139,154.08	139,151.23	82,839.72	79,165.11	84,173.73	89,446.27	87,319.79	108,079.11									

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.

Table 6(a) BLR_BR1_v1.0

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

		GHG emi	ssions and ren	novals ^b			GHG emission	on projections	
			(kt CO 2 eq)				(kt C0	O ₂ eq)	
Base year (1990)	1990	1995	2000	2005	2010	2011	2020	2030	

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

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

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

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

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

					Ye	ar					
		Bela	rusian ruble -	BYR		USD ^b					
Allocation channels	Core/		Climate-	specific ^d		Core/		Climate-	specific ^d		
	general ^c	Mitigation	Adaptation	Cross- cutting ^e	Other f	general ^c	Mitigation	Adaptation	Cross- cutting ^e	Other f	
Total contributions through multilateral channels:											
Multilateral climate change funds ^g											
Other multilateral climate change funds ^h											
Multilateral financial institutions, including regional development banks											
Specialized United Nations bodies											
Total contributions through bilateral, regional and other channels											
Total											

Abbreviation: USD = United States dollars.

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:

^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.

					Ye	rar				
		Bela	rusian ruble -	BYR		USD^b				
Allocation channels	Core/		Climate-	specific ^d		Core/		Climate-	specific ^d	
	general ^c	Mitigation	Adaptation	Cross- cutting ^e	Other f	general c	Mitigation	Adaptation	Cross- cutting ^e	Other f
Total contributions through multilateral channels:										
Multilateral climate change funds ^g										
Other multilateral climate change funds ^h										
Multilateral financial institutions, including regional development banks										
Specialized United Nations bodies										
Total contributions through bilateral, regional and other channels										
Total										

Abbreviation: USD = United States dollars.

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

^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.

Table 7(a)

BLR_BR1_v1.0

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

		Total	amount							
Donor funding	Core/ge	neral ^d	Climate-	specific ^e	Status b	Funding source ^f	Financial	Type of support f, g	Sector c	
2010 January	Belarusian ruble - BYR	USD	Belarusian ruble - BYR	USD	Status	r unuing source	instrument ^f	Type of support		
Total contributions through multilateral channels										
Multilateral climate change funds ^g										
Global Environment Facility										
2. Least Developed Countries Fund										
Special Climate Change Fund										
4. Adaptation Fund										
5. Green Climate Fund										
6. UNFCCC Trust Fund for Supplementary Activities										
7. Other multilateral climate change funds										
Multilateral financial institutions, including regional development banks										
1. World Bank										
2. International Finance Corporation										
3. African Development Bank										
Asian Development Bank										
5. European Bank for Reconstruction and Development										
6. Inter-American Development Bank										
7. Other										
Specialized United Nations bodies										
United Nations Development Programme										
2. United Nations Environment Programme										
3. Other										

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

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

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

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

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

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

f Please specify.

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

Table 7(a) BLR_BR1_v1.0 Provision of public financial support: contribution through multilateral channels in 2012^a

		Total	l amount						
Donor funding	Core/ge	neral ^d	Climate-	specific ^e	Status ^b	Funding source ^f	Financial	T f f. g	Sector c
Donor Junuing	Belarusian ruble - BYR	USD	Belarusian ruble - BYR	USD	Siaius	runaing source	instrument ^f	Type of support ^{f, g}	sector
Total contributions through multilateral channels									
Multilateral climate change funds ^g									
1. Global Environment Facility									
2. Least Developed Countries Fund									
3. Special Climate Change Fund									
4. Adaptation Fund									
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks									
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									
United Nations Development Programme									
2. United Nations Environment Programme									
3. Other									

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

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

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

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

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

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

f Please specify.

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

Table 7(b)

BLR_BR1_v1.0

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

	Total a	Total amount								
Recipient country/	Climate-specific f		Status ^c	Funding source g	Financial instrument ^g	Type of support g, h	Sector d	Additional information ^e		
region/project/programme ^b	Belarusian ruble - BYR	USD		source	instrument	support				
Total contributions through bilateral, regional and other channels										

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.

Table 7(b)

BLR_BR1_v1.0

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

	Total a	Total amount								
Recipient country/	Climate-specific f		Status ^c	Funding source g	Financial instrument ^g	Type of support g, h	Sector d	Additional information ^e		
region/project/programme ^b	Belarusian ruble - BYR	USD		source -	instrument	support				
Total contributions through bilateral, regional and other channels										

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.

Table 8 BLR_BR1_v1.0 Provision of technology development and transfer support^{a,b}

Recipient country and/or region	Targeted area	Measures and activities related to technology transfer	G . C	Source of the funding for technology transfer	Activities undertaken by	Status	Additional information ^d
	Mitigation and Adaptation			Public	Public	Implemented	

^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.

Table 9 BLR_BR1_v1.0

Provision of capacity-building support^a

Recipient country/region	Targeted area	Programme or project title	Description of programme or project b,c
	Technology Development and Transfer		

^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.