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Annual status report of the greenhouse gas inventory of Belgium

1. This status report was prepared by the secretariat as part of the initial check of the greenhouse gas inventory submitted in accordance with decision 19/CP.8. It reflects the content of the inventory submission of 2007 as originally submitted by the Party.
2. In this report, the following abbreviations are used:

CRF: common reporting format
LUCF: Land-use Change and Forestry
LULUCF: Land Use, Land-use Change and
Forestry
NIR: national inventory report
SBDT: sectoral background data tables

Notation keys

C: confidential
IE: included elsewhere
NA: not applicable
NE: not estimated
NO: not occurring

Greenhouse gases

CO₂: carbon dioxide
CH₄: methane
N₂O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
SF₆: sulphur hexafluoride
NO_x: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic
compounds
SO₂: sulphur dioxide

INTRODUCTION											
General information	Date of receipt	CRF 18 April 2007					NIR 19 April 2007				
		Additional information									
	Date of resubmission	CRF					NIR				
		Additional information									
	Base year or period ^a	1990									
	CRF provided for years	1990–2005									
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NO _x	CO	NMVOCs	SO ₂
	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	
National inventory report	Description	The organization of the NIR, in general, follows the structure as outlined in the revised UNFCCC reporting guidelines (decision 18/CP.8). However, the executive summary has not been provided, most of the chapters have been restructured and some of the recommended annexes such as information are not provided on national energy balance, assessment of completeness and tables 6.1 and 6.2 of the IPCC <i>Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories</i> .									
	Language of NIR	English									

^a Information on the base year in this status report does not reflect or prejudice any decision that may be taken by the Party in relation to the use of 1995 as base year for HFCs, PFCs and SF₆, in accordance with Article 3.8 of the Kyoto Protocol.

PART I							
Provision of information for the latest reported inventory year in the CRF: 2005							
Tables		Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
	Sectoral report tables	1 ☒	2(I) ☒ 2(II) ☒	3 ☒	4 ☒	5 ☒	6 ☒
	Sectoral background data tables	1.A(a) ☒	2(I).A-G ☒	3.A-D ☒	4.A ☒	5.A ☒	6.A ☒
		1.A(b) ☒	2(II).C,E ☒		4.B(a) ☒	5.B ☒	6.B ☒
		1.A(c) ☒	2(II).F ☒		4.B(b) ☒	5.C ☒	6.C ☒
		1.A(d) ☒			4.C ☒	5.D ☒	
		1.B.1 ☒			4.D ☒	5.E ☐	
		1.B.2 ☒			4.E ☒	5.F ☒	
		1.C ☒			4.F ☒	5 (I) ☒	
		Bunkers separately ☒				5 (II) ☒	
						5 (III) ☒	
				5 (IV) ☒			
				5 (V) ☒			
	Summary tables (emission totals)	Summary 1.A ☒	Summary 1.B ☒	Summary 2 ☒			
	Other tables	Summary 3 ☒	Table 7 (Key categories) ☐	Table 9(a) (Completeness) ☐			
Table 10 (Trends) ☒			Table 9(b) (Completeness) ☐				
Comments	The Party reported the LULUCF sector in accordance with decision 13/CP.9 and not decision 14/CP.11						
Trends	Totals provided for	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
		☒	☒	☒	☒	☒	☒
	Totals provided for years	1990–2005	1990–2005	1990–2005	1990–2005	1990–2005	1990–2005
CO ₂	Comparison of CO ₂ from fuel combustion	Reference approach	Sectoral approach	Difference more than 2 per cent	If difference is more than 2 per cent		
		☐	☒	☒	Explanation provided ☐		
HFCs, PFCs, SF ₆	Disaggregation by species	HFCs		PFCs		SF ₆	
		☒		☒			
	Reporting of actual and/or potential estimates in the consumption of halocarbons and SF ₆	Actual	Potential	Actual	Potential	Actual	Potential
	☒	☒	☐	☐	☒	☐	
Notation keys	Used in	Summary table 1.A ☒	Sectoral report tables ☒	Sectoral background data tables ☒			
	Comments	Use of notation keys is limited in some tables					

PART II
Provision of CRF tables for years reported

		Years																	Information gaps relating to reporting	Comments
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		
Energy	Sectoral report – Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	For 2005 the reference approach is not provided in this table but notation keys NA and NE are used
	Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		For 2005 the reference approach is not provided, and only the sectoral approach data are shown in the table
	Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	For 2005 no data are reported in this table, but notation key NE and “0” are used
	Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Industrial Processes	Sectoral reports –	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 2(I).A–G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but for years 1990–1993 notation keys NO, NA and NE are used and for years 1994–2005 notation keys NO and NA are used
		Table 2(II).E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	For years 1990–1994 no data are reported in this table, but notation key NO is used
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NE and “0” are used
Solvent Use	Sectoral report – Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 3.A–D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

PART II
Provision of CRF tables for years reported (continued)

		Years																	Information gaps relating to reporting ^b	Comments
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		
Agriculture	Sectoral report – Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Numerical values are reported only for population size and implied emission factors
	Table 4.B(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Numerical values are reported only for population size, allocation by climate region and implied emission factors
	Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NA and NO are used
	Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but for years 1990–1994 and 1996–2005 notation keys NO, NA and “0” are used, and for year 1995 notation keys NE, NA and “0” are used
	Table 4.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NA and NO are used
Land Use, Land-use Change and Forestry	Sectoral report – Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation key NE is used
	Table 5.E																			
	Table 5.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation key NE is used
	Table 5 (I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in these tables, but notation key NO is used
	Table 5 (II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5 (III)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5 (IV)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NE is used
	Table 5 (V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation key NO is used

PART II																						
Provision of CRF tables for years reported (continued)																						
		Years																			Information gaps relating to reporting ^b	Comments
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005				
Waste	Sectoral report – Table 6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 6.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Summary and other tables	Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Summary 2 (CO ₂ equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 7 (Key categories)																					
	Table 8(a) (Recalculation – recalculated data)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			
	Table 8(b) (Recalculation – explanatory information)																					
	Table 9(a) (Completeness)												✓						✓			
	Table 9(b) (Completeness)																					
	Table 10 (Trends)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

^a This Party uses a base year of 1990.

^b This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was due to limited use, or lack of, notation keys (NO, NE, NA, IE, C).

PART III						
Provision of information relating to recalculation						
Table 8(a) (Recalculated data)	☒	Comments				
Recalculation for years	1991–2004					
Recalculated sectors/gases	Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
CO ₂	☒	☒	☐		☐	☒
CH ₄	☒	☒		☒	☐	☒
N ₂ O	☒	☒	☒	☒	☐	☒
HFCs		☒				
PFCs		☒				
SF ₆		☒				
Table 8(b) (Explanatory information)	☐	☐	☐	☐	☐	☐
Full CRF for the recalculated base year	☐	Percentage difference in aggregate greenhouse gas base year estimate			- with LULUCF - without LULUCF	0.00% 0.00%

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