Status report for
LUXEMBOURG

Gases covered	CO$_2$	CH$_4$	N$_2$O	HFCs	PFCs	SF$_6$	NOx	CO	NMVOCs	SO$_2$
	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

National Inventory Report

Description: National Inventory Report has been provided, including general information on the inventory, emission trends, sector and source specific information, recalculations and improvements, information on KP-LULUCF and accounting of Kyoto Units, national system and national registry.

Language: English

Reporting of Kyoto protocol units

	Date of receipt	Date of resubmission	Comments	
KP-LULUCF CRF	10 February 2011	25 Feb 2011, 15 Apr 2011	CRF provided for years:	2008, 2009
SEF tables				

PART I:
Provision of information for the latest reported inventory year in the CRF: 2009

Tables

	Energy	Industrial Processes	Solvent and other Product Use	Agriculture	LULUCF	KP.LULUCF	Waste
Sectoral report tables	1 ☑	2(I) ☑ / 2(II) ☑	3 ☑	4 ☑	5 ☑	5(KP) ☑	6 ☑
Sectoral background data tables	1.A(a) ☑	2(I).A-G ☑	3.A-D ☑	4.A ☑	5.A ☑	5(KP-I)A.1.1 ☑	6.A ☑
	1.A(b) ☑	2(II).C ☑		4.B(a) ☑	5.B ☑	5(KP-I)A.1.2 ☑	6.B ☑
	1.A(c) ☑	2(II).E ☑		4.B(b) ☑	5.C ☑	5(KP-I)A.1.3 ☑	6.C ☑
	1.A(d) ☑	2(II).F ☐		4.C ☑	5.D ☑	5(KP-I)A.2 ☑	
	1.B.1 ☑			4.D ☑	5.E ☑	5(KP-I)A.2.1 ☑	
	1.B.2 ☑			4.E ☑	5.F ☑	5(KP-I)B.1 ☑	
	1.C ☑			4.F ☑	5 (I) ☑	5(KP-I)B.2 ☑	
					5 (II) ☑	5(KP-I)B.3 ☑	
					5 (III) ☑	5(KP-I)B.4 ☑	
					5 (IV) ☑	5(KP-II)1 ☑	
					5 (V) ☑	5(KP-II)2 ☑	
						5(KP-II)3 ☑	
						5(KP-II)4 ☑	
						5(KP-II)5 ☑	
						Accounting table ☑	

Summary tables	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							

Totals

Provided for gases	CO$_2$	CH$_4$	N$_2$O	HFCs	PFCs	SF$_6$
	☑	☑	☑	☑	☑	☑
Provides for years	1990-2009	1990-2009	1990-2009	1990-2009	2000-2009	1990-2009

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$_6$

	HFCs		PFCs		SF$_6$	
Disaggregation by species	☑		☑			
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						

PART II:
Provision of information relating to recalculations

Recalculations

Table 8(a) (Recalculated data)	☑	Comments			
Recalculation reported for years	**1990-2008**				

Recalculated sectors/gases	Energy	Industrial Processes	Solvent and other Product Use	Agriculture	LULUCF	Waste
CO$_2$	☑	☐	☑		☑	☐
CH$_4$	☑	☐		☑	☐	☑
N$_2$O	☑	☐	☐	☑	☐	☑
HFCs		☑				
PFCs		☑				
SF$_6$		☑				
Table 8(b) (Explanatory information)	☑	☑	☑	☑	☑	☑

Percentage difference in aggregate greenhouse gas emissions	base year estimate:		with LULUCF:	-2.16%	witout LULUCF:	-2.22%
	latest recalculated year:		with LULUCF:	-1.92%	without LULUCF:	-1.87%

Part III:
Provision of CRF tables for years reported

			Base year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Information gaps related to reporting*	Comments
Energy	**SBDT**	Sectoral report - Table 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(c)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(d)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NO is used.
		Table 1.B.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Industrial Processes	**SBDT**	Sectoral reports - Table 2(I) Table 2(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(I).A-G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NO and NA are used.
		Table 2(II).E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NO and NA are used.
		Table 2(II).F																							
Solvent and other Product Use	**SBDT**	Sectoral report - Table 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 3.A-D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Agriculture	**SBDT**	Sectoral report - Table 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NO and NA are used.
		Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NA is used.
		Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
LULUCF	**SBDT**	Sectoral report - Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NO is used.
		Table 5(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NO and NA are used.
		Table 5(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NO and NE are used.
KP.LULUCF	**SBDT**	Sectoral report - Table 5 (KP)																				✓	✓		
		Table 5 (KP-I) A.1.1																				✓	✓		
		Table 5 (KP-I) A.1.2																				✓	✓		
		Table 5 (KP-I) A.1.3																				✓	✓		
		Table 5 (KP-I) A.2																				✓	✓		
		Table 5 (KP-I) A.2.1																				✓	✓		
		Table 5 (KP-I) B.1																				✓	✓		
		Table 5 (KP-I) B.2																				✓	✓		
		Table 5 (KP-I) B.3																				✓	✓		
		Table 5 (KP-I) B.4																				✓	✓		
		Table 5 (KP-II) 1																				✓	✓		
		Table 5 (KP-II) 2																				✓	✓		
		Table 5 (KP-II) 3																				✓	✓		
		Table 5 (KP-II) 4																				✓	✓		
		Table 5 (KP-II) 5																				✓	✓		
		Accounting table																				✓	✓		
Waste	**SBDT**	Sectoral report - Table 6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 6.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 6.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 6.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key IE is used.
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)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

SBDT: Sectoral background data tables

* This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. In most cases this was due to lack of use of indicators (NO, NE, NA, IE, C, 0).