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Framework Convention on
Climate Change

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Status report of the annual inventory of Luxembourg

1. This status report was prepared by the secretariat pursuant to decision 13/CP.20, as part of the initial assessment of Luxembourg's 2015 annual inventory, submitted in accordance with decision 24/CP.19. It reflects the content of the inventory submission of 2015 as originally submitted by the Party.

2. In this report, the following abbreviations are used:

CRF: common reporting format

GHG: greenhouse gas

LULUCF: land use, land-use change and
forestry

IPPU: industrial processes and product use

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

Gases

CO₂: carbon dioxide

CH₄: methane

N₂O: nitrous oxide

HFCs: hydrofluorocarbons

PFCs: perfluorocarbons

MIX: Unspecified mix of HFCs and PFCs

SF₆: sulphur hexafluoride

NF₃: nitrogen trifluoride

NO_x: nitrogen oxides

CO: carbon monoxide

NMVOCs: non-methane volatile organic
compounds

SO₂: sulphur dioxide

GE.15-22566(E)



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GREENHOUSE GAS INVENTORY SUBMISSION													
General information		Date of receipt			Date of resubmission			Comments					
	NIR												
	CRF tables ^a	11/11/2015											
	Additional information ^b												
	CRF provided for years	1990-2013											
	Base year or period ^c	1990											
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	MIX	SF ₆	NF ₃	NO _x	CO	NMVOCs	SO ₂
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NIR	Description	At the time of preparing this report, Luxembourg has not submitted its NIR.											
	Language of NIR												

^a The CRF tables are contained in annex II to decision 24/CP.19.

^b Additional information can be any information submitted by a Party in conjunction with the NIR or CRF tables.

^c Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2, 11/CP.4 and 7/CP.12.

PART I											
Provision of information for the latest reported inventory year in the common reporting format: 2013											
Tables		Energy		IPPU		Agriculture		LULUCF		Waste	
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓
				2(II)	✓			4.1	✓		
	Sectoral background data tables	1.A(a)	✓	2(I).A–H	✓	3.A	✓	4.A	✓	5.A	✓
		1.A(b)	✓	2(II).B–H	✓	3.B(a)	✓	4.B	✓	5.B	✓
		1.A(c)	✓		3.B(b)	✓	4.C	✓	5.C	✓	
		1.A(d)	✓		3.C	✓	4.D	✓	5.D	✓	
		1.B.1	✓		3.D	✓	4.E	✓			
		1.B.2	✓		3.E	✓	4.F	✓			
		1.C	✓		3.F	✓	4(I)	✓			
		1.D	✓		3.G–I	✓	4(II)	✓			
					4(III)	✓					
					4(IV)	✓					
				4(V)	✓						
				4.G	✓						
Summary tables	Summary 1.A		✓	Summary 2		✓	Summary 3		✓		
Other tables	Table 6 (Indirect emissions)		✓	Table 7 (Key categories)		✓	Table 8 (Recalculation)				
	Table 9 (Completeness)		✓	Table 10 (Emission trends)		✓					
Comments											
Totals	Provided for gases	CO ₂ ✓	CH ₄ ✓	N ₂ O ✓	HFCs ✓	PFCs ✓	MIX ✓	SF ₆ ✓	NF ₃ ✓		
	Provided for years	1990–2013	1990–2013	1990–2013	1990–2013			1990–2013			
CO ₂	Comparison of CO ₂ from fuel combustion	Reference approach	Sectoral approach	Difference of more than 2 per cent		If difference is more than 2 per cent					
		✓	✓			Explanation provided					
HFCs, PFCs, MIX, SF ₆ and NF ₃	Disaggregation by species	HFCs		PFCs	Unspecified mix of HFCs and PFCs		SF ₆	NF ₃			
		✓		✓							
Notation keys	Used in	Summary 1.A	✓	Sectoral report tables	✓	Sectoral background data tables		✓			
	Comments										

PART II																	
Provision of common reporting format tables for years reported																	
			Years														
			Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	Comments	
Energy	Sectoral report: Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 1.A(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(c)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(d)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	
		Table 1.B.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	
		Table 1.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
IPPU	Sectoral reports:	Table 2(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 2(I).A–H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).B–H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

PART II																	
Provision of common reporting format tables for years reported (continued)																	
		Years															
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Agriculture	Sectoral report: Table 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 3.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 3.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 3.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 3.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation keys NA and NO are used.		
	Table 3.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 3.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation keys NA and NO are used.		
	Table 3.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 3.G–I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

PART II																
Provision of common reporting format tables for years reported (continued)																
		Years													Comments	
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013		
LULUCF	Sectoral report: Table 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	
	Table 4(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	
	Table 4(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	
	Table 4(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	
	Table 4.G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.	

PART II																
Provision of common reporting format tables for years reported (continued)																
		Years													Comments	
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Waste	Sectoral report: Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–1992. For these years the notation keys NE and NO are used.	
		Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation keys IE and NO are used.	
		Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

PART II																
Provision of common reporting format tables for years reported (continued)																
		Years													Comments	
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Summary and other tables	Summary 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Summary 2 (CO ₂ equivalent emissions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Summary 3 (Methods and emission factors used)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 6 (Indirect emissions of N ₂ O and CO ₂)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 7 (Overview for key categories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 8 (Recalculated data)														Information on recalculations is not relevant for 2015.	
	Table 9 (Completeness)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 10 (Emission trends)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990 in accordance with Article 4, paragraph 6, of the Convention and decisions 9/CP.2, 11/CP.4 and 7/CP.12.

PART III						
Provision of information relating to recalculations ^a						
Table 8 (Recalculated data)		Comments				
Recalculation reported for years						
Recalculated sectors/gases	Energy	IPPU	Agriculture	LULUCF	Waste	
CO ₂						
CH ₄						
N ₂ O						
HFCs						
PFCs						
Unspecified mix of HFCs and PFCs						
SF ₆						
NF ₃						
Percentage difference in aggregate greenhouse gas emissions	Base year estimate: ^b	With LULUCF:	%	Without LULUCF:	%	
	Latest recalculated year: ^c	With LULUCF:	%	Without LULUCF:	%	

^b Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990 in accordance with Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.