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Annual status report of the greenhouse gas inventory of Luxembourg

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 2006 as originally submitted by the Party, and of the resubmissions received by 27 May 2006.

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	6 February 2006 (resubmission CRF: 19 May 2006)										
	Format	CRF provided	<input checked="" type="checkbox"/>	NIR provided	<input checked="" type="checkbox"/>							
	Base year or period ^a	1990				Emissions without adjustments for climate variations or electricity trade <input checked="" type="checkbox"/>						
	CRF provided for years	1990–2004										
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NO _x	CO	NMVOCs	SO ₂	
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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, the chapters have been re-structured and the recommended annexes have not been provided.										
	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: 2004							
Tables		Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
	Sectoral report tables	1 <input checked="" type="checkbox"/>	2(I) <input checked="" type="checkbox"/> 2(II) <input type="checkbox"/>	3 <input checked="" type="checkbox"/>	4 <input checked="" type="checkbox"/>	5 <input type="checkbox"/>	6 <input checked="" type="checkbox"/>
	Sectoral background data tables	1.A(a) <input checked="" type="checkbox"/>	2(I).A-G <input type="checkbox"/>	3.A-D <input type="checkbox"/>	4.A <input type="checkbox"/>	5.A <input type="checkbox"/>	6.A <input type="checkbox"/>
		1.A(b) <input type="checkbox"/>	2(II).C,E <input type="checkbox"/>		4.B(a) <input type="checkbox"/>	5.B <input type="checkbox"/>	6.B <input type="checkbox"/>
		1.A(c) <input type="checkbox"/>	2(II).F <input type="checkbox"/>		4.B(b) <input type="checkbox"/>	5.C <input type="checkbox"/>	6.C <input type="checkbox"/>
		1.A(d) <input type="checkbox"/>			4.C <input type="checkbox"/>	5.D <input type="checkbox"/>	
		1.B.1 <input type="checkbox"/>			4.D <input type="checkbox"/>	5.E <input type="checkbox"/>	
		1.B.2 <input type="checkbox"/>			4.E <input type="checkbox"/>	5.F <input type="checkbox"/>	
		1.C <input type="checkbox"/>			4.F <input type="checkbox"/>	5 (I) <input type="checkbox"/>	
		Bunkers separately <input type="checkbox"/>				5 (II) <input type="checkbox"/>	
						5 (III) <input type="checkbox"/>	
				5 (IV) <input type="checkbox"/>			
				5 (V) <input type="checkbox"/>			
	Summary tables (emission totals)	Summary 1.A <input checked="" type="checkbox"/>	Summary 1.B <input type="checkbox"/>	Summary 2 <input type="checkbox"/>			
	Other tables	Summary 3 <input checked="" type="checkbox"/>	Table 7 (Key categories) ^a <input type="checkbox"/>	Table 9(a) (Completeness) ^b <input type="checkbox"/>			
Table 10 (Trends) <input type="checkbox"/>			Table 9(b) (Completeness) ^b <input type="checkbox"/>				
Comments	The Party has not provided the LULUCF reporting tables as required by decision 13/CP.9						
Trends	Totals provided for	CO ₂ <input type="checkbox"/>	CH ₄ <input type="checkbox"/>	N ₂ O <input type="checkbox"/>	HFCs <input type="checkbox"/>	PFCs <input type="checkbox"/>	SF ₆ <input type="checkbox"/>
	Totals provided for years						
CO ₂	Comparison of CO ₂ from fuel combustion	Reference approach <input type="checkbox"/>	Sectoral approach <input type="checkbox"/>	Difference more than 2 per cent <input type="checkbox"/>	If difference is more than 2 per cent Explanation provided <input type="checkbox"/>		
HFCs, PFCs, SF ₆	Disaggregation by species	HFCs <input type="checkbox"/>		PFCs <input type="checkbox"/>		SF ₆	
	Reporting of actual and/or potential estimates in the consumption of halocarbons and SF ₆	Actual	Potential	Actual	Potential	Actual	Potential
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notation keys	Used in	Summary table 1.A <input type="checkbox"/>	Sectoral report tables <input type="checkbox"/>	Sectoral background data tables <input type="checkbox"/>			
	Comments	Notation keys are not used					

^a The Party used the CRF Microsoft Excel application in which table 7 (Overview) covers completeness and quality of estimates. This is not in accordance with the reporting requirements in decision 18/CP.8 (FCCC/CP/2002/7/Add.2).

^b The Party used the CRF Microsoft Excel application in which table 9 (Completeness) is one table.

PART II

Provision of CRF tables for years reported

[illegible]

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		
Agriculture	Sectoral report – Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.A																		
	Table 4.B(a)																		
	Table 4.B(b)																		
	Table 4.C																		
	Table 4.D																		
	Table 4.E																		
	Table 4.F																		
Land Use, Land-use Change and Forestry	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)																		
	Table 5 (II)																		
	Table 5 (III)																		
	Table 5 (IV)																		
	Table 5 (V)																		
	General comments on entire sector																		The Party has not provided the LULUCF reporting tables as required by decision 13/CP.9. It has used the LUCF reporting tables as contained in decision 3/CP.5.

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			
Waste	Sectoral report – Table 6			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	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) ^c																			
	Table 8(a) (Recalculation – recalculated data)																			
	Table 8(b) (Recalculation – explanatory information)																			
	Table 9(a) (Completeness) ^d																			
	Table 9(b) (Completeness) ^d																			
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).

^c The Party used the CRF Microsoft Excel application in which table 7 (Overview) covers completeness and quality of estimates. This is not in accordance with the reporting requirements in decision 18/CP.8 (FCCC/CP/2002/7/Add.2).

^d The Party used the CRF Microsoft Excel application in which table 9 (Completeness) is one table.

PART III						
Provision of information relating to recalculation						
Table 8(a) (Recalculated data)	<input type="checkbox"/>	Comments	Information on recalculations is not provided			
Recalculation for years						
Recalculated sectors/gases	Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
CO ₂	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
CH ₄	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N ₂ O	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HFCs		<input type="checkbox"/>				
PFCs		<input type="checkbox"/>				
SF ₆		<input type="checkbox"/>				
Table 8(b) (Explanatory information)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Full CRF for the recalculated base year	<input type="checkbox"/>	Percentage difference in aggregate greenhouse gas base year estimate			- with LULUCF	%
					- without LULUCF	%