



Status report of the annual inventory of Liechtenstein

1. This status report was prepared by the secretariat pursuant to decision 13/CP.20, as part of the initial assessment of Liechtenstein'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	<i>Notation keys</i>
GHG: greenhouse gas	C: confidential
LULUCF: land use, land-use change and forestry	IE: included elsewhere
IPPU: industrial processes and product use	NA: not applicable
NIR: national inventory report	NE: not estimated
SBDT: sectoral background data tables	NO: not occurring

Gases

CO ₂ : carbon dioxide
CH ₄ : methane
N ₂ O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
MIX: Unspecified mix of HFCs and PFCs
SF ₆ : sulphur hexafluoride
NF ₃ : nitrogen trifluoride
NO _x : nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO ₂ : sulphur dioxide



GREENHOUSE GAS INVENTORY SUBMISSION														
General information		Date of receipt			Date of resubmission			Comments						
	NIR													
	CRF tables ^a	14-Mar-16												
	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, Liechtenstein 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	1991–2013		1999–2013			
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													Comments		
		Base year ^a	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Energy	Sectoral report: Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 1.A(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(d)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	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.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	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 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)

		<i>Years</i>													<i>Comments</i>
		<i>Base year^a</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	
Agriculture SBDT	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 key NO is used.
	Table 3.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation keys NA, NE and NO are used.
	Table 3.G–I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II															
Provision of common reporting format tables for years reported (continued)															
	Base year ^a	Years												Comments	
		1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Sectoral report: Table 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LULUCF SBDT	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 keys IE, NA and NO are 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)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of common reporting format tables for years reported (continued)

		<i>Years</i>												<i>Comments</i>	
		<i>Base year^a</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>		<i>2013</i>
<i>Waste</i>	Sectoral report: Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	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 recalculation 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:	%

^a Information on recalculations is not relevant for 2015.

^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.

^c The latest recalculated year is the submission year minus 3.