



## **COMPLIANCE COMMITTEE**

CC/ERT/ASR/2013/20 10 June 2013

## Annual status report of the annual inventory of Liechtenstein

## Note by the secretariat

The annual status report of the annual inventory of Liechtenstein was published on 5 June 2013. For purposes of rule 10, paragraph 2, of the Rules of procedure of the Compliance Committee (annex to decision 4/CMP.2, as amended by decision 4/CMP.4), the report is considered received by the secretariat on the same date. This report, FCCC/ASR/2013/LIE, contained in the annex to this note, is being forwarded to the Compliance Committee in accordance with section VI, paragraph 3, of the annex to decision 27/CMP.1 and paragraph 49 of the annex to decision 22/CMP.1.





Distr.: General 5 June 2013

English only

## Annual status report of the annual inventory of Liechtenstein

1. This status report was prepared by the expert review team as part of the initial check of the annual inventory submitted in accordance with decision 15/CMP.1. It reflects the content of the inventory submission of 2013 as originally submitted by the Party.

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

AAU: assigned amount unit

CER: certified emission reduction CRF: common reporting format ERU: emission reduction unit

GHG: greenhouse gas

KP-LULUCF: Article 3, paragraphs 3 and 4, activities under the Kyoto Protocol

ICER: long-term certified emission

reduction

LULUCF: land use, land-use change and

forestry

NIR: national inventory report

RMU: removal unit

SBDT: sectoral background data tables SEF: standard electronic format SOPU: solvent and other product use

tCER: temporary certified emission

reduction

Notation keys

C: confidential

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

Gases

CO<sub>2</sub>: carbon dioxide

CH<sub>4</sub>: methane

N<sub>2</sub>O: nitrous oxide

HFCs: hydrofluorocarbons PFCs: perfluorocarbons

 $SF_6$ : sulphur hexafluoride

NO<sub>X</sub>: nitrogen oxides

CO: carbon monoxide

NMVOCs: non-methane volatile organic

compounds

SO<sub>2</sub>: sulphur dioxide



		(	GREENH	OUSE GAS	S INVENT	ORY SUBMIS	SION				
		Date of r	eceipt	Date of res	ubmission	Comments					
	NIR	15 Apri	1 2013								
	CRF tables <sup>a</sup>	15 Apri	1 2013								
n	Additional information <sup>b</sup>	15 Apri	1 2013			The Party su information SIAR_Repo	files a	long wi	th the N		
rmatic						SIAR_Repo	rt_R-3	_2012-	LI.xls		
infor						SIAR_Repo	rt_R-4	_2012-	LI.xls a	and	
General information						SIAR_Repo	rt_R-5	_2012-	LI.xls.		
	CRF provided for years	1990–2	011								
	Base year or period <sup>c</sup>	1990	Base y	ear for HI	FCs, PFC	s and SF <sub>6</sub> <sup>d</sup>	1990	)			
	Gases covered	$CO_2$	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>	$NO_X$	CO	NMVOCs	SO <sub>2</sub>
		<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>
NIR	Description	UNFC	CC repor	ting guide	elines <sup>e</sup> on	annual inver	ntories	follow	ing inco	ed in the updated or poration of the NIR.	ted he
	Language of NIR	English									
CRF	Missing source category l cent for categories include to the Kyoto Protocol	arger th ed in Ar	an 7 per inex A	No miss	sing sourc	ce category la	arger tl	nan 7 pe	er cent	has been ident	rified.

- <sup>a</sup> CRF tables are contained in document FCCC/SBSTA/2006/9, annex II.
- <sup>b</sup> Additional information can be any information submitted by a Party in conjunction with the NIR or CRF tables.
- <sup>c</sup> 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 and 11/CP.4.
- <sup>d</sup> A Party may select 1990 or 1995 as the base year for the fluorinated gases in accordance with Article 3, paragraph 8, of the Kyoto Protocol.
- <sup>e</sup> "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories" (FCCC/SBSTA/2006/9).
- <sup>f</sup> A Party has not reported an estimate for an Annex A category that accounted for 7 per cent or more of the Party's aggregate emissions (decision 15/CMP.1, para. 3(b)).

	SUBMISSION OF S	UPPLEMENTARY	INFORMATION UNI	DER ARTICLE 7.1
		Date of receipt	Date of resubmission	Comments
ation	KP-LULUCF information <sup>a</sup>	15 April 2013		NIR page 205, chapter 11
information	KP-LULUCF CRF <sup>b</sup>	15 April 2013		CRF provided for years: 2008–2011
supplementary i	Information on Kyoto units (ERUs, CERs, RMUs and AAUs) <sup>c</sup>	15 April 2013		NIR page 219, chapter 12
olddns	SEF <sup>d</sup> with Kyoto units	15 April 2013		
ting of	Change in national system <sup>e</sup>	15 April 2013		NIR page 222, chapter 13
Reporting	Change in national registry <sup>e</sup>	15 April 2013		NIR page 223, chapter 14
	Minimization of adverse impacts <sup>e</sup>	15 April 2013		NIR page 228, chapter 15

<sup>&</sup>lt;sup>a</sup> Parties are required to include in their annual submission information on anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, in accordance with the annex to decision 15/CMP.1, paragraphs 5–9.

<sup>&</sup>lt;sup>b</sup> Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, using the agreed CRF tables adopted under decision 6/CMP.3. Parties may also elect to report these tables for the base year or 1990.

Parties are required to include in their annual submission information on ERUs, CERs, tCERs, ICERs, AAUs and RMUs, in accordance with the annex to decision 15/CMP.1, section I.E.

<sup>&</sup>lt;sup>d</sup> SEF for reporting Kyoto units, as adopted under decision 14/CMP.1 and required by the annex to decision 15/CMP.1, paragraph

<sup>11.</sup>The requirements for Parties to report on changes in national systems in accordance with Article 5, paragraph 1, changes in accordance with Article 3 paragraph 14, are set out in sections I.F, I.G national registries, and the minimization of adverse impacts in accordance with Article 3, paragraph 14, are set out in sections I.F, I.G and I.H, respectively, of the annex to decision 15/CMP.1.

	Provis	ion of inf	ormation for	the lates		PAR'		ar in t	he commo	on rep	orting format: 2011			
	Energ	gy	Industrial p	rocesses	SOPU		Agricult	ure	LULUC	F	KP-LULUCF <sup>a</sup>		Waste	?
Sectoral repor	t 1	✓	2(I)	✓	3	<b>√</b>	4	✓	5	✓	5(KP)	✓	6	<b>√</b>
tables			2(II)	✓						•		•		•
Sectoral	1.A(a	) 🗸	2(I).A-G	✓	3.A-D	<b>√</b>	4.A	✓	5.A	✓	5(KP-I)A.1.1	✓	6.A	✓
background data tables	1.A(t	· ·	2(II).C	✓			4.B(a)	✓	5.B	<b>√</b>	5(KP-I)A.1.2	<b>√</b>	6.B	✓
	1.A(c	) 🗸	2(II).E	✓			4.B(b)	✓	5.C	<b>√</b>	5(KP-I)A.1.3	✓	6.C	✓
	1.A(c	() <b>√</b>	2(II).F	✓			4.C	✓	5.D	<b>√</b>	5(KP-I)A.2	<b>√</b>		•
	1.B.1	✓		'	_		4.D	✓	5.E	<b>√</b>	5(KP-I)A.2.1.	<b>~</b>		
	1.B.2	✓					4.E	✓	5.F	<b>√</b>	5(KP-I)B.1.	<b>√</b>		
	1.C	✓					4.F	✓	5 (I)	<b>√</b>	5(KP-I)B.2.	<b>√</b>		
sə	Bunk	ers separa	tely 🗸						5 (II)	<b>√</b>	5(KP-I)B.3.	<b>√</b>		
Tables			<b>,</b>						5 (III)	<b>√</b>	5(KP-I)B.4.	<b>√</b>		
									5 (IV)	<b>√</b>	5(KP-II)1	<b>√</b>		
									5 (V)	<b>✓</b>	5(KP-II)2	<b>✓</b>		
										ı	5(KP-II)3	<b>✓</b>		
											5(KP-II)4	<b>✓</b>		
											5(KP-II)5	<b>√</b>		
											Accounting table	<b>~</b>		
Summary tab	es Sumr	nary 1.A	<b>√</b>	Summ	ary 1.B		✓			Sum	mary 2	1		/
Other tables	Sumr	nary 3	<b>√</b>	Table '	7 (Key cat	egorie	es) 🗸			Tabl	e 9(a) (Completeness)	)	,	/
	Table	10 (Tren	ds) 🗸							Tabl	e 9(b) (Completeness	)		
Comments			<u> </u>	·						1				

<sup>&</sup>lt;sup>a</sup> Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, using the agreed CRF tables adopted under decision 6/CMP.3.

					PAI	RT I						
	Provision of i	nformation for	the lates	t reported	linventory	year in the c	ommon rep	orting fo	rmat: 2011 (	continued	l)	
als	Provided for gases	CO₂ ✓	CH <sub>4</sub>	<b>/</b>	$N_2O$	<b>~</b>	HFCs 🗸		PFCs 🗸	Ĺ	$SF_6$	
Totals	Provided for years	1990–2011	1990–	2011	1990-	-2011	1990–2011		1998–2011		1996–2	2011
		Reference app	roach	Sectoral a	pproach	Difference m	ore than 2 p	er cent	If difference	e is more	than 2	per cent
CO2	Comparison of CO <sub>2</sub> from fuel combustion	<b>√</b>		✓					Explanation provided	1		
$SF_{\delta}$					HFCs		PFCs			$SF_6$		
PFCs, SI	Disaggregation by sp	vecies			<b>√</b>		✓					
	Reporting of actual a	-			Actual	Potential	Actual	Potent	ial	Actual		Potential
HFCs,	estimates in the categ and SF <sub>6</sub>	ory consumption	on of halo	ocarbons	<b>√</b>	<b>✓</b>	<b>✓</b>	✓		<b>✓</b>		✓
tion 1.5	Used in	Summary table	1.A	~	Sectoral	report tables	<b>✓</b>	Sector	al backgrour	nd data ta	bles	<b>√</b>
Notation keys	Comments						•	•				

																PART II	
									]	Prov	ision	of c	omn	ion r	epor	ting format tables for y	rears reported
				Years													
				Base	)	5	)	<i>t</i>	2	5	7	8	)	)	1	Information gaps	
				year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	relating to reporting <sup>b</sup>	Comments
	Sect	oral report: ta	ble 1		<b>√</b>	✓	<b>√</b>	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓		
		Table 1.A(a)			<b>V</b>	✓	✓	✓	✓	✓	✓	<b>√</b>	✓	✓	<b>√</b>		
		Table 1.A(b)			<b>V</b>	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(c)			<b>✓</b>	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓		
Energy	SBDT	Table 1.A(d)			✓	✓	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.
	Table 1.B.1  Table 1.B.2				✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NO, NA are used.
		Table 1.B.2			<b>V</b>	✓	✓	✓	✓	✓	✓	<b>V</b>	✓	✓	<b>V</b>		
		Table 1.C			<b>V</b>	✓	✓	✓	✓	✓	✓	<b>V</b>	✓	✓	<b>V</b>		
	Sect		Table 2(I)		<b>V</b>	✓	✓	✓	✓	✓	✓	<b>V</b>	✓	✓	<b>V</b>		
	repo		Table 2(II)		<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>✓</b>	✓		
sesses		Table 2(I).A-	-G		<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>✓</b>	✓		
Industrial processes		Table 2(II).C			✓	✓	<b>√</b>	✓	✓	✓	✓	<b>√</b>	✓	<b>√</b>	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.
Indu	SBDT	Table 2(II).E			✓	✓	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 1990–2011. For 2008–2011, the notation keys NO, NA are used. For 1990–2007, the notation key NO is used.
		Table 2(II).F			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

								p	rovi	sion 4	of cor	nmo	n rer	ortir	PART II	ears reported (continued)
			Years					-	TOVE	51011 (	n con		птер	or un	ig format tables for ye	ans reported (commutat)
			Base year <sup>a</sup>	0661	2661	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
U	Secto	oral report: Table 3		✓	✓	<b>√</b>	✓	✓	<b>√</b>	✓	✓	✓	✓	✓		
SOPU	SBDT	Table 3.A–D		<b>√</b>	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	✓	✓		
	Secto	oral report: Table 4		<b>√</b>	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>√</b>	✓	✓	The cell for reporting CH <sub>4</sub> emissions from manure management of other livestock is blank.
		Table 4.A		<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	✓	✓	✓	✓		
		Table 4.B(a)		<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	✓	✓	✓	✓		
e.		Table 4.B(b)		✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	✓		
Agriculture	SBDT	Table 4.C		<b>√</b>	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NO, NA are used.
	SE	Table 4.D		✓	<b>✓</b>	<b>√</b>	✓	<b>✓</b>	<b>√</b>	<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>		
		Table 4.E		<b>√</b>	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NA is used.
		Table 4.F		<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NA, NO, NE are used.

								P	Provis	sion (	of cor	mmo	n rep	orti	PART II ng format tables for ye	ears reported (continued)
			Years													
			Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
	Secto	oral report: Table 5		✓	✓	<b>√</b>	✓	<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓		
		Table 5.A		✓	✓	<b>V</b>	✓	<b>V</b>	✓	✓	<b>V</b>	✓	<b>V</b>	<b>√</b>		
		Table 5.B		✓	✓	<b>V</b>	<b>√</b>	<b>V</b>	✓	✓	<b>V</b>	✓	<b>V</b>	<b>V</b>		
		Table 5.C		✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>V</b>	<b>√</b>		
		Table 5.D		✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	✓	<b>V</b>	<b>✓</b>		
		Table 5.E		✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	✓	<b>V</b>	<b>✓</b>		
CF		Table 5.F		✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>V</b>	<b>√</b>		
LULUCF	SBDT	Table 5 (I)		<b>√</b>	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NO, NA are used.
		Table 5 (II)		<b>V</b>	✓	✓	✓	✓	<b>V</b>	✓	✓	<b>√</b>	✓	<b>√</b>		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NA, NO are used.
		Table 5 (III)		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>V</b>	<b>✓</b>	<b>V</b>	<b>~</b>	<b>√</b>		
		Table 5 (IV)		<b>✓</b>	✓	✓	✓	✓	<b>✓</b>	✓	✓	<b>~</b>	✓	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NO, NA are used.
		Table 5 (V)		<b>√</b>	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	<b>√</b>	✓		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.

						Pro	ovisio	on of	f con	ımor	rep	ortin		PART II mat tables for years	reported (continued)
		Years													•
		Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
Se	ectoral report: Table 5 (KP)									✓	✓	✓	✓		
	Table 5 (KP-I) A.1.1									✓	<b>✓</b>	✓	✓		
	Table 5 (KP-I )A.1.2									✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NO is used.
	Table 5 (KP-I) A.1.3									✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-I) A.2									<b>√</b>	<b>√</b>	✓	<b>√</b>		
	Table 5 (KP-I) A.2.1									<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2010–2011. For these years the notation key NO is used.
UCF	Table 5 (KP-I) B.1									<b>√</b>	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
KP-LULUCF	Table 5 (KP-I) B.2									✓	✓	<b>V</b>	<b>~</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-I) B.3									✓	✓	<b>V</b>	<b>V</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-I) B.4									✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-II) 1									✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation keys NO, NA are used.
	Table 5 (KP-II) 2									✓	✓	<b>√</b>	<b>~</b>		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-II) 3									✓	✓	<b>√</b>	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation keys NO, NA are used.

						Pre	ovisi	on of	com	mon	repo	ortin		ART II mat tables for years r	eported (continued)
		Years													
		Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
	Γable 5 (KP-II) 4									✓	✓	<b>√</b>	✓		No numerical data are reported in this table for 2008–2011. For these years the notation keys NO, NA are used.
	Γable 5 (KP-II) 5									✓	✓	✓	<b>√</b>		No numerical data are reported in this table for 2008–2011. For these years the notation keys NO, NA are used.
Acco	unting table									✓	✓	✓	✓		

							Drov	deion	of o	mm	on re	nort			RT II at tables for years repo	wtod (continued)
			Years				1100	151011	or co	7111111	on i c	рог	ing i	01 1112	it tables for years repor	red (continued)
			Base												Information gaps	
			year <sup>a</sup>	0661	1995	2000	2004	2002	2006	2002	2008	2009	2010	1102		Comments
	Sect	oral report: Table 6		<b>√</b>	✓				<b>√</b>	✓	<b>√</b>	<b>√</b>	✓	✓		
te		Table 6.A		<b>✓</b>	<b>√</b>	<b>V</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	<b>V</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
Waste	SBDT	Table 6.B		<b>√</b>	<b>√</b>	<b>V</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓		
	ر	Table 6.C		<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>~</b>	<b>√</b>	✓	<b>√</b>		
		Summary 1.A		<b>✓</b>	✓	<b>V</b>	<b>✓</b>	✓	<b>V</b>	<b>~</b>	<b>V</b>	<b>√</b>	<b>√</b>	<b>√</b>		
		Summary 1.B		<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>~</b>	<b>√</b>	✓	<b>√</b>		
		Summary 2 (CO <sub>2</sub> equivalent emissions)		✓	<b>√</b>	✓	✓	<b>√</b>	✓	<b>√</b>	✓	<b>√</b>	✓	✓		
tables		Summary 3 (Methods/emission factors)		✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>√</b>		
other		Table 7 (Key categories)					<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
Summary and other tables	•	Table 8(a) (Recalculation – recalculated data)		✓	<b>√</b>	✓	✓	<b>V</b>	✓	<b>√</b>	✓	<b>√</b>	✓			
Sun		Table 8(b) (Recalculation – explanatory information)		✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓		<b>~</b>	
		Table 9(a) (Completeness)		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	✓		
		Table 9(b) (Completeness)														
		Table 10 (Trends)		<b>√</b>	<b>√</b>	<b>~</b>	<b>√</b>	✓	<b>V</b>	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	✓		

<sup>&</sup>lt;sup>a</sup> 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 the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

<sup>&</sup>lt;sup>b</sup> This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was owing to limited use, or lack, of notation keys (NO, NE, NA, IE, C).

			PART III			
		Provision of info	ormation relating to recalc	ulations		
Table 8(a) (Recalculated data)	<b>✓</b>	Comments				
Recalculation reported for years	1990–2010					
Recalculated sectors/gases	Energy	Industrial processes	SOPU	Agriculture	LULUCF	Waste
$CO_2$	<b>✓</b>		✓		✓	<b>✓</b>
CH <sub>4</sub>	<b>✓</b>			✓		<b>✓</b>
$N_2O$	<b>✓</b>		✓	<b>√</b>	<b>√</b>	<b>✓</b>
HFCs		<b>√</b>				
PFCs						
SF <sub>6</sub>						
Table 8(b) (Explanatory information)	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>~</b>	<b>~</b>
Percentage difference in aggregate	e greenhouse gas	Base year estimate: <sup>a</sup>	With LULUCF:	-0.7 %	Without LULUCF:	-0.14 %
emissions		Latest recalculated year:b	With LULUCF:	-0.09 %	Without LULUCF:	0.41 %

<sup>&</sup>lt;sup>a</sup> 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 the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

<sup>b</sup> The latest recalculated year is the submission year minus 3.

PART IV								
Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4								
			Provided	Observation				
	Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol		<b>√</b>					
6	Information on how inventory methodologies have been applied taking into account IPCC good practice guidance for LULUCF <sup>a</sup> and decision 16/CMP.1		<b>√</b>					
hs 5	Information on the geographical location of the boundaries of areas that encompass:							
ıragraț		Units of land subject to activities under Article 3.3	✓					
annex, pa		Units of land subject to activities under Article 3.3, which would otherwise be included in land subject to elected activities under Article 3.4		Liechtenstein did not elect any activity under Article 3,				
MP.I,		Land subject to elected activities under Article 3.4		paragraph 4.				
Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9		nation on the spatial assessment unit for determining the area of accounting for afforestation, station and deforestation	<b>√</b>					
	Information on GHG emissions/removals resulting from activities under Article 3.3 and 3.4 for all geographical locations reported in the current and previous years since the beginning of the commitment period or the onset of the activity, whichever comes later		<b>√</b>					
	Information on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for		<b>✓</b>					
	Information on anthropogenic GHGs from LULUCF activities under Article 3.3 and 3.4 factoring out removals from:							
R		Elevated CO <sub>2</sub> concentrations above pre-industrial levels	✓					
		Indirect nitrogen deposition	✓					
		The dynamic effects of age structure resulting from activities prior to 1 January 1990	✓					

<sup>&</sup>lt;sup>a</sup> The Intergovernmental Panel on Climate Change Good Practice Guidance for Land Use, Land-Use Change and Forestry.

	PART IV							
	Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4 (continued)							
			Provided	Observation				
6-	Specific information to be reported for Article 3.3 activities:							
Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9		Activities under Article 3.3 that began on or after 1 January 1990 and before 31 December of the last year of the commitment period and are directly human induced	<b>√</b>					
		How harvesting or forest disturbance that is followed by the re-establishment of forest is distinguished from deforestation	<b>√</b>					
		Emissions/removals from lands harvested during the first commitment period following afforestation and reforestation on these units of land since 1990	<b>√</b>					
	Specific information to be reported for Article 3.4 activities:							
		Activities under Article 3.4 that occurred since 1 January 1990 and are human induced						
		Cropland management, grazing land management, revegetation: emissions/removals reported for each year of the commitment period and for the base year for each of the elected activities on the geographical locations reported		Liechtenstein did not elect any activity under Article 3, paragraph 4.				
		Emissions/removals from Article 3.4 activities that are not accounted for under activities under Article 3.3						
		Forest management: information on the extent to which GHG removals by sinks offsets the debit incurred under Article 3.3						

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