



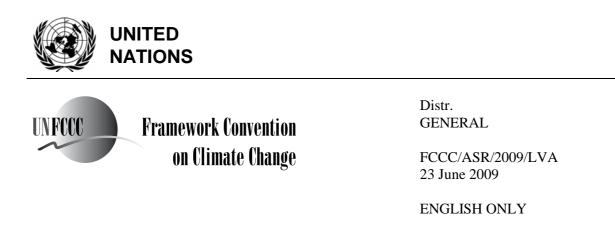
COMPLIANCE COMMITTEE

CC/ERT/ASR/2009/26 30 June 2009

Annual status report of the annual inventory of Latvia

Note by the secretariat

The annual status report of the annual inventory of Latvia was published on 23 June 2009. 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/2009/LVA, 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.



Annual status report of the annual inventory of Latvia

1. This status report was prepared by the secretariat 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 2009 as originally submitted by the Party.

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

A: afforestation AAU: assigned amount unit CER: certified emission reduction CM: cropland management CRF: common reporting format D: deforestation ERU: emission reduction unit FM: forest management GM: grazing land management 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 R: reforestation RMU: removal unit **RV**: revegetation SBDT: sectoral background data tables SEF: standard electronic format tCER: temporary certified emission reduction

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

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		GREEN	HOUSE	GAS IN	VENTO	ORY SUB	MISSION	ſ			
		Date of	receipt		Date of	f resubmi	ssion	Comment	s		
a	NIR	15 April	2009								
latio	CRF tables ^a	15 April	2009								
forn	Additional information ^b										
al in	CRF provided for years	1990-20	007		-				_		
General information	Base year or period ^c	1990	_		Base ye	ar for HF	Cs, PFCs a	nd SF ₆ ^d	1995		
Ċ	Gases covered	CO ₂	CH_4	N ₂ O	HFCs	PFCs	SF ₆	NO _X	СО	NMVOCs	SO_2
		~	✓	✓	✓	✓	✓	✓	✓	✓	✓
NIR	Description	reporting	g guideli	nes ^e (dec	ision 18		lowever, so			n the revised nded annexes	
	Language of NIR	English									
CRF	Missing source category larger than 7 per cent for categories included in Annex A to the Kyoto Protocol	No miss	ing categ	gory large	er than 7	per cent l	has been id	entified.			

	SUBMISSION	N OF SUPPLEM	ENTARY INFORMATI	ON UNDER ARTICLE 7	.1
		Date of receipt	Date of resubmission	Comments	
of ation ^g	KP-LULUCF information ^h				
porting informa	KP-LULUCF CRF ⁱ			CRF provided for years:	
ry reporting tary informa	Information on Kyoto units (ERUs, CERs, RMUs and AAUs ⁱ)				
in ta	SEF ^k with Kyoto units	15 April 2009			
Voluntary supplementa	Change in national system ¹				
Addus	Change in national registry ¹	15 April 2009		The information is includ	ed in chpater 1.8.1 of the NIR.
	Minimization of adverse impacts ¹				

^a CRF tables are contained in document FCCC/SBSTA/2006/9, annex II.

^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 and 11/CP.4.
^d 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.

^d 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. ^e "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting

guidelines for annual inventories" (FCCC/SBSTA/2006/9). ^f 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)).

^g Parties are required to submit supplementary information under Article 7, paragraph 1, of the Kyoto Protocol from the 2010 submission; however, they may elect to submit this information on a voluntary basis before this submission.

^h Parties are required to include in their annual inventories 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 decision 15/CMP.1, annex, paragraphs 5–9.

¹ 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 are required to report these tables on a mandatory basis commencing with the 2010 submission; however, they may elect to report these tables on a voluntary basis before this submission. Parties may also elect to report these tables for the base year or 1990.

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

^k SEF for reporting Kyoto Protocol units, as adopted under decision 14/CMP.1 and required by decision 15/CMP.1, annex, paragraph 11.

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

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	Provis	sion of informat	ion for th	e lates		ART I nventory	year i	n the con	nmon r	eporting	format:	2007		
		Energy	Industr process		Solvent an other product us	Agric	ulture	LU	LUCF	KI	P-LULUC	F ^a	Was	te
	Sectoral report tables	1 🗸	2(I)	\checkmark	3 🗸	4	✓		5 🗸	5(I	KP)		6	✓
			2(II)	✓										
	Sectoral background	1.A(a) 🗸	2(I).A-G	\checkmark	3.A-D 🗸	4.A	✓	5	A 🗸	5(KP-)A.1.1	6.	A	✓
	data tables	1.A(b) 🗸	2(II).C	\checkmark		4.B(a)	✓	5.1	в 🗸	5(KP-	I)A.1.2	6	B	✓
		1.A(c) 🗸	2(II).E	\checkmark		4.B(b)	✓	5.	с 🗸	5(KP-	I)A.1.3	6	.C	✓
		1.A(d) 🗸	2(II).F	\checkmark		4.C	✓	5.1	D 🗸		-I)A.2			
		1.B.1 ✓				4.D	✓	5.	E 🗸		КР- .2.1.			
		1.B.2 ✓				4.E	✓	5.	F 🗸	5(KP-				
		1.C 🗸				4.F	✓	5 (I) 🗸	5(KP-	I)B.2.			
Tables		Bunkers separat	ely 🗸					5 (I	I) 🗸	5(KP-	I)B.3.			
Tal								5 (II	I) 🗸	5(KP-	I)B.4.			
								5 (IV		5(KI	P-II)1			
								5 (V	<i>r</i>) ✓	5(KI	P-II)2			
											P-II)3			
					5(KP-II)4 5(KP-II)5 Accounting table									
											,			
								1	-				1	
	Summary tables	Summary 1.A		\checkmark	Summary 1	.В		✓	Summa	ary 2				✓
	Other tables	Summary 3		\checkmark	Table 7 (Ke	y categor	es)	✓	Table 9	(a) (Con	pleteness)		✓
		Table 10 (Trend	s)	\checkmark					Table 9	(b) (Con	pleteness)		
	Comments													
Totals	Provided for gases	CO₂ ✓	С	CH4 ✓	/	N₂O ✓		HFCs	✓	Р	FCs	S	SF ₆ ✓	
To	Provided for years	1990–2007	199	90–20	07 1	990–2007		1995–2	2007			199	95–200	07
)2	Comparison of	Reference ap	proach		Sectoral a	pproach			nce mor per cent		If diffe	erence is 2 per ce		han
CO_2	CO ₂ from fuel combustion	✓			√			2	per cent		Explana	tion prov		
\mathbf{F}_{6}	Disaggregation b	by species			HFG	Ċs			PFCs			SF ₆		
Cs, S					√									
, PF(ual and/or potent			Actual	Potentia	1	Actual	Po	otential	Actu	al	Poten	tial
HFCs, PFCs, SF ₆	halocarbons and	tes in the consum SF ₆	ption of		✓	✓					~			
	Used in	Summary table	I.A		✓ Secto	ral report	tables		✓	Sectoral I	backgrour	nd data ta	bles	✓
Notation keys	Comments				·									

^a 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.

							Prov	vision	of com	mon re		ART I ng forn	_	oles for	· years	repor	ted						
											-	Years			•	•							
-			Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Information gaps relating to reporting ^b	Comments
_	Se	ctoral report: Table 1		✓	~	✓	✓	~	~	~	✓	✓	~	~	✓	~	✓	~	✓	✓	✓		
		Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	~	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark		
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(c)		✓	~	✓	✓	~	~	~	✓	✓	~	~	~	~	~	~	✓	✓	✓		
N.		Table 1.A(d)		✓	~	✓	✓	~	~	~	✓	✓	~	~	~	~	~	~	✓	✓	✓		
Energy	SBDT	Table 1.B.1		√	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation keys NO, NA are used.
		Table 1.B.2		\checkmark	✓	✓	✓	\checkmark	✓	✓	✓	✓	\checkmark	\checkmark	\checkmark	\checkmark	✓	\checkmark	✓	✓	\checkmark		
		Table 1.C		\checkmark	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	✓	\checkmark	✓	✓	✓	✓	✓		
		Table 2(I)		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark										
	Se	ctoral reports: Table 2(II)		\checkmark	✓	✓	✓	✓	✓	✓	\checkmark	\checkmark	\checkmark	✓	\checkmark	\checkmark	✓	✓	\checkmark	✓	\checkmark		
es		Table 2(I).A–G		✓	✓	✓	✓	\checkmark	✓	✓	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	✓	\checkmark	\checkmark	✓	\checkmark		
cess		Table 2(II).C		√	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	✓	✓		No numerical data
Industrial processes	DT	Table 2(II).E Table 2(II).F		✓	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		are reported in these tables, but notation key NO is used.
Indust	SB	Table 2(II).F		√	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation keys NE, NO, IE are used.
	Se	ctoral report: Table 3		\checkmark	✓	\checkmark	\checkmark	\checkmark	✓	✓	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		
Solvent	SBDT	Table 3.A–D		✓	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		

						Dw	orrigio	n of co			utina		RT II	e for			tod (a		ad)				
			1			rr	011510)111110	п геро		Years	t table	es for	years	repor	ieu (co	munu	eu)			1	
			Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Information gaps relating to reporting ^b	Comments
	Se	ctoral report: Table 4		✓	~	~	~	✓	✓	✓	✓	~	~	✓	✓	✓	✓	~	~	✓	~		
		Table 4.A		✓	~	✓	✓	✓	✓	✓	✓	~	✓	✓	✓	✓	✓	~	~	✓	✓		
		Table 4.B(a)		✓	~	✓	✓	✓	✓	✓	✓	~	✓	✓	✓	✓	✓	~	~	✓	✓		
Ire		Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	\checkmark	\checkmark	✓	✓	✓	\checkmark	✓		
Agriculture	SBDT	Table 4.C		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation key NO is used.
1		Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported
		Table 4.F		✓	✓	✓	✓	✓	~	✓	✓	✓	✓	~	~	~	✓	✓	✓	~	✓		in this table, but notation keys NA, NO are used.
	Se	ctoral report: Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	\checkmark	✓	✓	✓	✓	\checkmark	✓		
		Table 5.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	✓	✓	✓	✓	✓		
r_		Table 5.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	\checkmark	✓	✓	✓	✓	\checkmark	✓		
LULUCF	SBDT	Table 5 (I)		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation keys NA, NO are used.
		Table 5 (II)		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation keys NA, NE are used.
		Table 5 (III)		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation keys IE, NA, NE are used.
		Table 5 (IV)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\checkmark	✓	✓	✓	✓	✓		
		Table 5 (V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

						Pro	vision	of con	nmon r	eporti		PART mat ta		or year	s repo	orted (contin	ued)					
			1									Years					-						
			Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Information gaps relating to reporting ^b	Comments
	Se	ctoral 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																					
Ъ ^с		Table 5 (KP-I) B.1																					
ŊŊ	T	Table 5 (KP-I) B.2																					
IO	SBD	Table 5 (KP-I) B.2Table 5 (KP-I) B.3																					
KP-LULUCF ^c		Table 5 (KP-I) B.4																					
Ŧ		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																					
	Ac	counting table																					

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						Prov	vision	of com	mon r	eporti	P. ng fori	ART I nat tal		r years	s repoi	rted (c	ontinu	ed)					
												Years											
			Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Information gaps relating to reporting ^b	Comments
	Se	ctoral report: Table 6		\checkmark	\checkmark	~	~	\checkmark	✓	✓	\checkmark	>	✓	~	✓	✓	✓	✓	>	✓	✓		
		Table 6.A		\checkmark	\checkmark	~	>	\checkmark	~	✓	✓	>	~	>	\checkmark	✓	✓	\checkmark	>	✓	✓		
e		Table 6.B		\checkmark	✓	✓	✓	~	~	✓	✓	✓	~	✓	✓	✓	✓	\checkmark	✓	✓	✓		
Waste	SBDT	Table 6.C		√	~	√	~	~	~	~	~	~	~	✓	~	~	~	~	~	~	~		No numerical data are reported in this table, but notation keys NE, NO are used.
		Summary 1.A		\checkmark	\checkmark	\checkmark	\checkmark	✓	✓	\checkmark	\checkmark	\checkmark	✓	\checkmark	✓	\checkmark	\checkmark	✓	\checkmark	✓	\checkmark		
		Summary 1.B		\checkmark	\checkmark	\checkmark	\checkmark	✓	✓	✓	\checkmark	\checkmark	✓	\checkmark	✓	\checkmark	✓	✓	\checkmark	✓	\checkmark		
bles		Summary 2 (CO ₂ equivalent emissions)		✓	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		
and other tables		Summary 3 (Methods/emission factors)		\checkmark	~	~	~	~	~	✓	~	~	~	~	✓	✓	✓	~	~	✓	✓	~	
l ot	DT	Table 7 (Key categories)		\checkmark																\checkmark	\checkmark	\checkmark	
ry and	SBDT	recalculated data)		\checkmark	~	\checkmark	~	~	~	✓	~	~	~	~	✓	✓	✓	~	~	✓			
Summary		Table 8(b) (Recalculation – explanatory information)		✓	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		~	
Su		Table 9(a) (Completeness)		\checkmark	\checkmark	\checkmark	\checkmark	✓	✓	✓	✓	~	~	~	✓	✓	✓	✓	~	✓	✓		
		Table 9(b) (Completeness)																					
		Table 10 (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 the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4. ^b 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).

^c 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 are required to report these tables on a mandatory basis commencing with the 2010 submission; however, they may elect to report these tables on a voluntary basis before this submission. Parties may also elect to report these tables for the base year or 1990.

		Provision	PART III of information relating to a	recalculations		
Table 8(a) (Recalculated data)	✓	Comments				
Recalculation reported for years	1990–2006					
Recalculated sectors/gases	Energy	Industrial processes	Solvent and other product use	Agriculture	LULUCF	Waste
CO ₂	✓	\checkmark	\checkmark		✓	
CH ₄	✓	✓		✓	✓	\checkmark
N ₂ O	✓			\checkmark	✓	\checkmark
HFCs		√				
PFCs						
SF ₆						
Table 8(b) (Explanatory information)	✓	~	\checkmark		✓	✓
Percentage difference in aggreg	ate greenhouse gas	base year estimate: ^a	with LULUCF:	-8.8 %	without LULUCF:	0.84 %
emission		latest recalculated year:b	with LULUCF:	237 %	without LULUCF:	0.43 %

^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 the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.
^b The latest recalculated year is the submission year minus 3.

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PART IV		
Provision of information relating to KP-LULUCF activities under Article 3, pa	ragraphs 3 and 4^{a}	
	Provided	Comments
Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol.		
Information on how inventory methodologies have been applied taking into account IPCC good practice guidance for LULUCF ^b and decision 16/CMP.1.	r	
Units of land subject to activities under Article 3.3		
Units of land subject to activities under Article 3.3 Units of land subject to activities under Article 3.3 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 Land subject to alected activities under Article 3.4	ties	
Information on the spatial assessment unit for determining the area of accounting for afforestation, reforestation and deforestation.	d	
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	e	
activity, whichever comes later.		
activity, whichever comes later. Information on carbon pools (above-ground / below-ground biomass, litter, dead wood and soil organic carbon) that not accounted for.	are	
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^a 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 are required to report these tables on a mandatory basis commencing with the 2010 submission; however, they may elect to report these tables on a voluntary basis before this submission. Parties may also elect to report these tables for the base year or 1990.

^b The Intergovernmental Panel on Climate Change Good Practice Guidance for Land Use, Land-Use Change and Forestry.

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