



## **COMPLIANCE COMMITTEE**

CC/ERT/ASR/2017/16 20 July 2017

## Status report of the annual inventory of Iceland

## Note by the secretariat

The status report of the annual inventory of Iceland was published on 8 June 2017. 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 decisions 4/CMP.4 and 8/CMP.9), the report is considered received by the secretariat on the same date. This report, FCCC/ASR/2017/ISL, 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 8 June 2017

English only

## Status report of the annual inventory of Iceland

- 1. This status report was prepared by the secretariat pursuant to decision 22/CMP.1 in conjunction with decision 4/CMP.11, as part of the initial check of Iceland's annual inventory, submitted in accordance with decisions 24/CP.19 and 15/CMP.1 in conjunction with decisions 3/CMP.11 and 2/CMP.8. It reflects the content of the 2017 inventory submission as submitted by the Party (dates of submission are provided in the tables on pages 2 and 3).
- 2. In this report, the following abbreviations are used:

CRF: common reporting format

GHG: greenhouse gas

HWP: harvested wood products

KP-LULUCF: LULUCF emissions and removals from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol

LULUCF: land use, land-use change and

forestry

IPPU: industrial processes and product use

NIR: national inventory report

SBDT: sectoral background data tables SEF: standard electronic format SWDS: solid waste disposal sites

Gases

CO<sub>2</sub>: carbon dioxide CH<sub>4</sub>: methane N<sub>2</sub>O: nitrous oxide

HFCs: hydrofluorocarbons PFCs: perfluorocarbons

MIX: Unspecified mix of HFCs and PFCs

SF<sub>6</sub>: sulphur hexafluoride NF<sub>3</sub>: nitrogen trifluoride NO<sub>X</sub>: nitrogen oxides CO: carbon monoxide

NMVOCs: non-methane volatile organic

compounds

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

Kyoto Protocol units

AAU: assigned amount unit ERU: emission reduction unit

RMU: removal unit

CER: certified emission reduction ICER: long-term certified emission

reduction

tCER: temporary certified emission

reduction

Notation keys

C: confidential

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

GE.17-09316(E)







			GRI	EENH	OUSE GAS	INVE	NTORY	SUBMIS	SION					
		Date of	receipt		Date of resi	ıbmissio	on	Commen	ets					
	NIR	12 Apı	ril 2017	,	5 May 20	17								
	CRF tables <sup>a</sup>	13 Apı	ril 2017	,										
information	Additional information <sup>b</sup>													
7	CRF tables provided for years	1990–2	2015											
e5	Base year or period <sup>c</sup>	1990	Base : PFCs		or HFCs, F <sub>6</sub> <sup>d</sup>	1	1990			Bas NF	se year i	for	1995	
	Gases covered	$CO_2$	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	MIX	SF <sub>6</sub>	NF <sub>3</sub>	NO <sub>X</sub>	CO	NM	IVOCs	$SO_2$
		<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	✓	✓	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>		✓
NIR	Description				the NIR eporting			ows the	structu	re outli	ned in t	he U	NFCCC	
I	Language of NIR	Englis	h											
00 Lr	Source categories accomore of Party's aggreg sources included in Ar Protocol	ounting gate em nnex A	for 7% issions to the <b>k</b>	or from Cyoto	No miss identifie	_	urce cat	tegory a	ecounti	ing for	7 per ce	ent of	more ha	ns been

- <sup>a</sup> CRF tables are contained in annex II to decision 24/CP.19.
- <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 1995 as the base year for HFC, PFC and SF<sub>6</sub> gases in accordance with Article 3, paragraph 8, of the Kyoto Protocol.
- $^e\,$  A Party may select 1995 or 2000 as the base year for NF3 in accordance with Article 3, paragraph 8 bis of the Doha Amendment.
  - f "UNFCCC reporting guidelines on annual inventories for Parties included in Annex I to the Convention" (decision 24/CP.19).
  - <sup>g</sup> In accordance with decision 15/CMP.1, para. 3(b), in conjunction with decision 3/CMP.11.

S	UBMISSION OF SUPPLEMENTARY INF	ORMATION UNDI	ER ARTICLE 7, PARA	GRAPH 1, OF THE KYOTO PROTOCOL
		Date of receipt	Date of resubmission	Comments
	KP-LULUCF information <sup>a</sup>	12 April 2017	5 May 2017	NIR chapter 12
ation	KP-LULUCF CRF tables <sup>b</sup>	13 April 2017		KP-LULUCF CRF 1990–2015 tables provided for years
ıry inform	Information on Kyoto units (ERUs, CERs, RMUs and AAUs) <sup>c</sup>	12 April 2017	5 May 2017	NIR chapter 11
~	SEF tables <sup>d</sup> with Kyoto Protocol units	24 April 2017		Year reported: 2016; SEF table for CP1 (reporting year 2016) submitted on 14 April 2017 and resubmitted on 24 April 2017 and 17 May 2017
Rep	Changes in national system <sup>e</sup>	12 April 2017	5 May 2017	NIR chapter 13
	Changes in national registry <sup>e</sup>	12 April 2017	5 May 2017	NIR chapter 14
	Minimization of adverse impacts <sup>e</sup>	12 April 2017	5 May 2017	NIR 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 decision 2/CMP.8, annex II, paragraphs 1–5.

<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, forest management and, if any, elected activities under Article 3, paragraph 4. Parties may also elect to report these tables for the base year or 1990.

<sup>&</sup>lt;sup>c</sup> Parties are required to include in their annual submission information on ERUs, CERs, tCERs, ICERs, AAUs and RMUs, in accordance with decision 15/CMP.1, annex, chapter I.E, in conjunction with annex II to decision 3/CMP.11,.

<sup>&</sup>lt;sup>d</sup> SEF tables for reporting Kyoto Protocol units, as required by annex II to decision 3/CMP.11.

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

Sectoral report tables  2(II)   Sectoral background data tables  1.A(a)   2(IJ).A-H   3.A   4.1   NIR-1   NIR-2   5.  1.A(b)   1.A(c)   3.B(a)   4.A   NIR-3   5.  3.B(b)   4.B   4(KP) Recalculations	5.A ✓ 5.B ✓		<b>√</b>		F	LULUC		4		IDDI'		-	
Sectoral background data tables   1.A(a)	5.A ✓ 5.B ✓		<b>v</b>	NIK-I	./		_		1	IPPU	./	Energy	C 4 1
Sectoral background data tables  1.A(a)	5.B ✓	5.A				4	v	3	v	2(1)	V	1	report
background data tables    1.A(b)     2(II).B-H	5.B ✓	5.A							✓	2(II)			
1.A(b)   2(II).B-H   3.B(a)   4.A   NIR-3   5.     1.A(c)     3.B(b)     4.B     4(KP)   Recalculations   5.     1.A(d)     3.C     4.C     4(KP-I)A.1         1.B.2       3.E     4.E     4(KP-I)A.1.1         1.B.2       3.F     4.F     4(KP-I)A.2         1.D           3.G-I     4(II)     4(KP-I)B.1.1         4(III)       4(KP-I)B.1.1         4(IV)     4(KP-I)B.1.2         4(IV)     4(KP-I)B.1.3         4(IV)     4(KP-I)B.1.3       4(IV)     4(KP-I)B.1.3         4(IV)   4(IV)           4(IV)   4(IV)             4(IV)   4(IV)                 4(IV)   4(IV)			<b>√</b>	NIR-2	<b>√</b>	4.1	<b>√</b>	3.A	<b>√</b>	2(I).A-H	✓	1.A(a)	
Recalculations	,	5.B		NIR-3	✓	4.A	<b>√</b>	3.B(a)	<b>√</b>	2(II).B-H	✓	1.A(b)	data tables
1.B.1	5.C ✓	5.C			<b>√</b>	4.B	<b>√</b>	3.B(b)	•		<b>~</b>	1.A(c)	
1.B.2	5.D ✓	5.D	<b>√</b>	4(KP)	<b>√</b>	4.C	✓	3.C			✓	1.A(d)	
1.C	<u> </u>		<b>✓</b>	4(KP-I)A.1	✓	4.D	<b>✓</b>	3.D			<b>√</b>	1.B.1	
3.G-I	<del>-</del>		<b>√</b>	4(KP-I)A.1.1	<b>✓</b>	4.E		3.E			✓	1.B.2	
4(II)	-		<b>√</b>	4(KP-I)A.2	✓	4.F	✓	3.F			✓	1.C	
4(III)	<del>-</del>		✓	4(KP-I)A.2.1	✓	4(I)	✓	3.G-I			<b>√</b>	1.D	
4(IV)	-		<b>~</b>	4(KP-I)B.1	<b>✓</b>	4(II)				_	<u> </u>		
4(V) 4(KP-I)B.1.3	-		<b>V</b>	4(KP-I)B.1.1	<b>✓</b>	4(III)							
	-			4(KP-I)B.1.2	<b>√</b>	4(IV)							
4(KP-I)B.2	-		<b>✓</b>	4(KP-I)B.1.3	<b>V</b>	4(V)							
	-			4(KP-I)B.2									
4(KP-I)B.3	-			4(KP-I)B.3									
4(KP-I)B.4 ✓			~	4(KP-I)B.4									
4(KP-I)B.5	-			4(KP-I)B.5									
4(KP-I)C	-		✓	4(KP-I)C									
4(KP-II)1	1		~	4(KP-II)1									

						PAI	RT I							
	Provis	sion of ir	nformation	for the la	test repor	ted inventory	y yea	ar in the com	mon	reporting	format: 20	)15 (	continued)	
										4(KP-	II)3	✓		
										4(KP-	II)4	<b>√</b>		
										Accou table	inting	<b>√</b>		
	Summary tables	Summai 1.A	ry table	<b>✓</b>	Summar	ry table 2		✓		Summ	ary table 3		,	/
	Other tables	Table 6 (Indirection of the contraction of the cont	et ons of	✓	Table 7	(Key categori	es)	<b>✓</b>		Table	8 (Recalcula	ation	)	
		Table 9 (Comple	eteness)	<b>√</b>	Table 10	) (Emission		<b>√</b>						
	Comments		egories are egation and/	•			es co	ompared to Cl	RF T	able 7 that	may lead to	inco	onsistencies, e.	g. in the level
Totals	Provided for	gases	CO₂ ✔	СН₄	<b>√</b>	N₂O ✔	H	FCs 🗸	PFC	Cs 🗸	MIX 🗸		SF <sub>6</sub> ✓	NF <sub>3</sub> ✓
	Provided for	years	1990–201	15 1990	)–2015	1990–2015	1	990–2015	199	00–2015	1990–201	5	1990–2015	1990–2015
	Comparison CO <sub>2</sub> emission from fuel combustion		Reference ✓	approach	Sectore			ference more n 2%			ce is more ble 1.A(c)	than	2% explanat	ion provided
pu	comoustion		HFCs			PFCs					-			
HFCs and PFCs	Disaggregat species	ion by	✓ ×			√ ·								
Notation keys	Used in		Summary	table 1.A	~	Sectoral r	repoi	rt tables		V	Sectoral data tab		kground	V
	Comments													

<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.9.

6

										Pro	visio	n of	com	mon	repo	rting		ART II nat tables for years reported (continued)
									Ye	ears								
			Base year <sup>a</sup>	0661	2661	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Comments
	Secto	ral report: Table 3	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	✓	✓	
		Table 3.A	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	<b>✓</b>	<b>✓</b>	✓	<b>√</b>	<b>✓</b>	
		Table 3.B(a)	✓	<b>~</b>	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>V</b>	
		Table 3.B(b)	<b>√</b>	<b>~</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>√</b>	
Agriculture	SBDT	Table 3.C	<b>√</b>	✓	<b>√</b>	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	✓	✓	No numerical data are reported in this table for the years 1990–2015. For the years 1990–1991, 1993, 1995–1996, 1998 and 2001–2015 the notation key NO is used. For the years 1992, 1994, 1997 and 1999–2000 the notation keys NA and NO are used.
A	SE	Table 3.D	<b>√</b>	✓	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	
		Table 3.E																
		Table 3.F	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation keys NA, NE and NO are used.
		Table 3.G-I	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>V</b>	<b>V</b>	<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	

																		ART II
										Pro	visio	n of	com	mon	repoi	ting	forn	nat tables for years reported (continued)
									Ye	ears								
			Base year <sup>a</sup>	0661	2661	2000	2005	2006	2007	2008	5005	2010	2011	2012	2013	2014	2015	Comments
	Sect	oral report: Table 4	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	
		Table 4.1	✓	<b>√</b>	✓	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	✓	✓	✓	
		Table 4.A	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>√</b>	✓	
		Table 4.B	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	<b>✓</b>	<b>√</b>	✓	<b>√</b>	✓	<b>√</b>	✓	✓	
	SBDT	Table 4.C	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	✓	<b>√</b>	✓	
		Table 4.D	✓	<b>√</b>	✓	<b>√</b>	✓	<b>√</b>	✓									
		Table 4.E	✓	<b>✓</b>	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	
LULUCF		Table 4.F	✓	<b>✓</b>	✓	<b>√</b>	<b>~</b>	<b>√</b>	✓	<b>√</b>	✓							
TU		Table 4.G	✓	<b>✓</b>	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	
		Table 4(I)	✓	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>~</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	
		Table 4(II)	✓	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>~</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	
		Table 4(III)	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>~</b>	<b>~</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	
		Table 4(IV)	<b>√</b>	<b>√</b>	<b>V</b>	<b>√</b>	<b>~</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	~	<b>~</b>	<b>V</b>	<b>~</b>	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key IE is used.
		Table 4(V)	✓	✓	✓	√	<b>√</b>	<b>√</b>	<b>√</b>	✓	√	✓	✓	<b>~</b>	<b>√</b>	✓	✓	No numerical data are reported in this table for the years 1990–2005 and 2011. For these years the notation keys NA, NE and NO are used.

								PART II  Provision of common reporting format tables for years reported (continued)
					Year	rs		
				Base year <sup>a</sup>	2013	2014	2015	Comments
	Sector repor		Table NIR-1	<b>√</b>	✓	<b>√</b>	✓	
			Table NIR-2	<b>√</b>	<b>√</b>	✓	✓	
			Table NIR-3					
			Table 4(KP) Recalculat ions		✓	✓		
UCF			Table 4(KP)	<b>√</b>	<b>√</b>	✓	✓	
KP-LULUCF		Table 4	(KP-I)A.1	✓	✓	✓	✓	No numerical data are reported in this table for the year 1990. For this year the notation key NA is used.
KI		Table 4(KP-I)	)A.1.1		<b>~</b>	<b>~</b>	<b>✓</b>	No numerical data are reported in this table for the years 2013–2015. For these years the notation key NO is used.
		Table 4	(KP-I)A.2	✓	✓	<b>√</b>	✓	No numerical data are reported in this table for the year 1990. For this year the notation key NA is used.
		Table 4 I)A.2.1			<b>√</b>	✓	✓	No numerical data are reported in this table for the years 2013–2015. For these years the notation key NO is used.
		Table 4	(KP-I)B.1	✓	✓	✓	✓	No numerical data are reported in this table for the year 1990. For this year the notation keys NA and NO are used.
		Table 4 I)B.1.1			<b>√</b>	✓	✓	
		Table 4 I)B.1.2						

					PART II  Provision of common reporting format tables for years reported (continued)
	Π	Yea	rs		The second secon
	Base year <sup>a</sup>	2013	2014	2015	Comments
Table 4(KP-I)B.1.3		✓	<b>√</b>	<b>√</b>	No numerical data are reported in this table for the years 2013 and 2014–2015. For these years the notation key NO is used.
Table 4(KP-I)B.2					
Table 4(KP-I)B.3					
Table 4(KP-I)B.4					
Table 4(KP-I)B.5	<u> </u>				No numerical data are reported in this table for the years 1990, 2013–2014. For these years the notation key NA is used.
Table 4(KP-I)C	<b>√</b>	✓	<b>√</b>	<b>V</b>	No numerical data are reported in this table for the year 1990. For this year the notation key NO is used.
Table 4(KP-II)1	<b>√</b>	✓	<b>√</b>	<b>V</b>	
Table 4(KP-II)2	<b>√</b>	<b>√</b>	<b>✓</b>	<b>~</b>	No numerical data are reported in this table for the year 1990. For this year the notation keys NA and NO are used.
Table 4(KP-II)3	<b>√</b>	✓	<b>√</b>	<b>√</b>	No numerical data are reported in this table for the years 1990, 2013–2015. For the year 1990 the notation key NA is used. For the years 2013–2015 the notation NA and NE are used.
Table 4(KP-II)4	<b>√</b>	✓	<b>√</b>	<b>√</b>	No numerical data are reported in this table for the years 1990, 2014, 2015. For the year 1990 the notation key NE and NA are used. For the years 2014–2015 the notation keys NA and NO are used.
Table Accounting	<b>√</b>	✓	<b>√</b>	<b>√</b>	

뉙
$\Box$
$\mathbf{C}$
Ω
$\triangleright$
S
Z
12
2
1
$\mathbf{S}$

									Pro	visio	n of c	comn	non 1	repo	rting		ART nat ta	II ables for years reported (continued)
									Ye	ears								
	Base year <sup>a</sup> 0661 700 700 700 700 700 700 700 700 700 70													Comments				
	Sect	oral report: Table 5	✓	✓	✓	✓	✓	<b>✓</b>	✓	✓	✓	✓	<b>√</b>	✓	<b>√</b>	✓	✓	
		Table 5.A	<b>√</b>	<b>√</b>	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	✓	✓	✓	<b>√</b>	
Waste	SBDT	Table 5.B	<b>√</b>	✓	✓	✓	<b>V</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	No numerical data are reported in this table for the years 1990–1994. For these years the notation keys NA and NO are used.
		Table 5.C	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>✓</b>	<b>~</b>	✓	<b>√</b>	<b>√</b>	✓	<b>✓</b>	✓	<b>~</b>	<b>V</b>	✓	
		Table 5.D	<b>✓</b>	✓	<b>√</b>	✓	<b>✓</b>	✓	<b>√</b>	✓	<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>✓</b>	

							Pı	rovis	ion o	f con	nmor	ı rep	ortin		PART		es for years reported (continued)
								Y	ears								
		Base year a	0661	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Comments
	Summary table 1.A (Report for national GHG inventories)	✓	✓	✓	<b>√</b>	<b>√</b>		✓	✓			✓	✓	✓	✓	✓	
	Summary table 2 (CO <sub>2</sub> equivalent emissions)	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	<b>~</b>	<b>√</b>	✓	
tables	Summary table 3 (Methods/emission factors)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>~</b>	✓	<b>√</b>	<b>√</b>	✓	
Summary and other tables	Table 6 (Indirect emissions of N <sub>2</sub> O and CO <sub>2</sub> )	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sum	Table 7 (Key categories)	✓	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	
	Table 8 (Recalculation – recalculated data)	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓	✓	✓	<b>√</b>	✓	✓	<b>√</b>	✓	<b>✓</b>		
	Table 9 (Completeness)	<b>√</b>	<b>√</b>	<b>~</b>	<b>√</b>	<b>V</b>											
	Table 10 (Trends)	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	✓	✓	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>V</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 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 decision 24/CP.19.

				PART III			
			Provision of inf	formation relating to recalcu	ulations		
Table 8 (Recalculated data)	✓ Co	omments	Explanatory information	on relating to recalculations is	provided in chapter 10 of the	NIR	
Recalculation reported for years	1990–2014						
Recalculated sectors/gases	Energy	IPPU		Agriculture	LULUCF	Waste	KP-LULUCF
$CO_2$	✓	✓		✓	<b>√</b>	✓	<b>✓</b>
CH <sub>4</sub>	<b>√</b>	<b>✓</b>		✓	<b>√</b>	<b>√</b>	<b>✓</b>
$N_2O$	<b>√</b>	✓		✓	<b>✓</b>	✓	✓
HFCs							
PFCs		✓					
Unspecified mix of HFCs and PFCs							
SF <sub>6</sub>		✓					
NF <sub>3</sub>							
	Base–year estimate: <sup>a</sup>	Inclu	ding LULUCF:	-9.6%	Excluding LULUCF:	-2.5%	
aggregate GHG emissions	Latest recalculated yea	r: <sup>b</sup> Inclu	ding LULUCF:	-10.25%	Excluding LULUCF:	-3.08%	

<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 decision 24/CP.19.

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

	PART IV  Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol				
		, <u> </u>	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>		
	Information on how inventory methodologies have been applied taking into account the 2006 IPCC Guidelines for National Greenhouse Gas Inventories and any relevant supplementary guidance recognizing the principles laid out in decision 16/CMP.1.		<b>√</b>		
-5	Information on the geographical location of the boundaries of areas that encompass:				
aphs I		Units of land subject to activities under Article 3, paragraph 3	✓		
annex II, paragraphs		Units of land subject to activities under Article 3, paragraph 3, which would otherwise be included in land subject to forest management or elected activities under Article 3, paragraph 4	✓		
annex		Land subject to forest management or elected activities under Article 3, paragraph 4	✓		
2/CMP.8,	Information on the spatial assessment unit for determining the area of accounting for afforestation, reforestation and deforestation		<b>√</b>		
der decision	Information on GHG emissions/removals resulting from activities under Article 3, paragraph 3, and Article 3, paragraph 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>		
ments unc	Information on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for.		✓		
Reporting requirements under decision	When a Party applies the provisions for natural disturbances, information demonstrating that these emissions in any single year exceed the background level(s), including a margin, where needed. For this purpose the Party shall include information showing:				
Rep		That all lands subject to exclusion due to natural disturbances are identified		Information required in paragraph 2(f)(i) of annex II to decision 2/CMP.8 not be identified in the NIR submission	
		How annual emissions resulting from natural disturbances and the subsequent removals are estimated and excluded from accounting		Information required in paragraph 2(f)(ii) of annex II to decision 2/CMP.8 not be identified in the NIR submission	
		That no land-use change has occurred on lands for which the provisions in decision 2/CMP.7, annex, paragraph 33, are applied		Information required in paragraph 2(f)(iii) of annex II to decision 2/CMP.8 not be identified in the NIR submission	

taken to rehabilitate the land for which the provisions contained in decision manex, paragraph 33, are applied ions associated with salvage logging were not excluded from accounting by instantaneous oxidation, information on GHG emissions/removals resulting from pool accounted for in accordance with decision 2/CMP.7, including:  ta for the HWP categories used for estimating the pool removed from domestic domestic consumption and for export	Provided	Observation  Information required in paragraph 2(f)(iv) of annex II to decision 2/CMP.8 not be identified in the NIR submission 1. Information required in paragraph 2(f)(v) of annex II to decision 2/CMP.8 not be identified in the NIR submission 1. Information required in paragraph 2(f)(vi) of annex II to decision 2/CMP.8 not be identified in the NIR submission 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 1. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2(g)(i) of annex II to 2. Information required in paragraph 2. Information required in
taken to rehabilitate the land for which the provisions contained in decision mnex, paragraph 33, are applied ions associated with salvage logging were not excluded from accounting by instantaneous oxidation, information on GHG emissions/removals resulting from pool accounted for in accordance with decision 2/CMP.7, including:  ta for the HWP categories used for estimating the pool removed from domestic		decision 2/CMP.8 not be identified in the NIR submission 2/CMP.8 not be identi
ions associated with salvage logging were not excluded from accounting by instantaneous oxidation, information on GHG emissions/removals resulting from pool accounted for in accordance with decision 2/CMP.7, including: ta for the HWP categories used for estimating the pool removed from domestic		decision 2/CMP.8 not be identified in the NIR submissi  Information required in paragraph 2(g)(i) of annex II to
by instantaneous oxidation, information on GHG emissions/removals resulting from pool accounted for in accordance with decision 2/CMP.7, including:  ta for the HWP categories used for estimating the pool removed from domestic		Information required in paragraph 2(f)(vi) of annex II to decision 2/CMP.8 not be identified in the NIR submission 2/CMP.8 not be identified in the NIR submission 2/CMP.8 could not be identified in the submission 2/CMP.8 could not be identified i
pool accounted for in accordance with decision 2/CMP.7, including:  ta for the HWP categories used for estimating the pool removed from domestic		
		1
used in estimating emissions/removals for the HWP categories used		Information required in paragraph 2(g)(ii) of annex II to decision 2/CMP.8 could not be identified in the submiss
nissions from HWP originating from forests prior to the start of the second nt period have been included in the accounting, if the forest management reference ed on a projection		Information required in paragraph 2(g)(iii) of annex II to decision 2/CMP.8 could not be identified in the submiss
ions from the HWP pool accounted for in the first commitment period on the basis neous oxidation have been excluded from the accounting for the second commitment		Information required in paragraph 2(g)(iv) of annex II to decision 2/CMP.8 could not be identified in the submiss
WP resulting from deforestation have been accounted on the basis of instantaneous		Information required in paragraph 2(g)(v) of annex II to decision 2/CMP.8 could not be identified in the submiss
emissions from HWP in SWDS and from wood harvested for energy purposes have nted on the basis of instantaneous oxidation		Information required in paragraph 2(g)(vi) of annex II to decision 2/CMP.8 could not be identified in the submiss
ions/removals from changes in the HWP pool accounted for do not include imported		Information required in paragraph 2(g)(vii) of annex II decision 2/CMP.8 could not be identified in the submiss
en	P resulting from deforestation have been accounted on the basis of instantaneous missions from HWP in SWDS and from wood harvested for energy purposes have ted on the basis of instantaneous oxidation ons/removals from changes in the HWP pool accounted for do not include imported	P resulting from deforestation have been accounted on the basis of instantaneous nissions from HWP in SWDS and from wood harvested for energy purposes have led on the basis of instantaneous oxidation

PART IV					
Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued)					
			Observation		
	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	✓			
Specific information to be reported for activities under Article 3, paragraph. 3:					
	Activities under Article 3, paragraph 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		Information required in paragraph 4(a) of annex II to decision 2/CMP.8 not not be identified in submission		
	How harvesting or forest disturbance that is followed by the re-establishment of forest is distinguished from deforestation	✓			
Specific information to be reported for activities under Article 3, paragraph 4:					
	Activities under Article 3.4 that occurred since 1 January 1990 and are human induced	<b>✓</b>			
	Cropland management, grazing land management, revegetation, wetland drainage and rewetting: 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	<b>✓</b>			
	Emissions/removals from activities under Article 3, paragraph 4, are not accounted for under activities under Article 3, paragraph 3		Information required in paragraph 5(c) of annex II to decision 2/CMP.8 not not be identified in submission		
	Information on how emissions arising from the conversion of natural forests to planted forests are accounted for		Information required in paragraph 5(d) of annex II to decision 2/CMP.8 not not be identified in submission		
	Methodological consistency between the reference level and reporting for forest management		Information required in paragraph 5(e) of annex II to decision 2/CMP.8 not not be identified in submission		
	Technical corrections made pursuant to decision 2/CMP.7, annex, paragraph 14		Information required in paragraph 5(f) of annex II to decision 2/CMP.8 not not be identified in submission		
Forest management: if emissions/removals from the harvest and conversion of forest plantations to non-forest land were included, information how requirements set out in decision 2/CMP.7, annex, paragraphs 37–39 were met, including:					
	The identification of all lands and associated carbon pools subject to decision 2/CMP.7, annex, paragraph 37, including the georeferenced location and year of conversion		Information required in paragraph 5(g)(i) of annex II to decision 2/CMP.8 not not be identified in submission		

푀
$\mathbf{C}$
$\Box$
$\mathbf{C}$
$\triangleright$
S
$\mathbf{z}$
<i>i</i>
0
_
7
S
Ĥ

	PART IV					
	Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued)					
			Provided	Observation		
		A demonstration that the forest plantation was first established through direct human-induced planting and/or seeding of non-forest land before 1 January 1990, and, if the forest plantation was re-established, that this last occurred on forest land through direct human-induced planting and/or seeding after 1 January 1960		Information required in paragraph 5(g)(ii) of annex II to decision 2/CMP.8 not not be identified in submission		
		A demonstration that a new forest of at least equivalent area to the harvested forest plantation is established through direct human-induced planting and/or seeding of non-forested land that did not contain forest on 31 December 1989		Information required in paragraph 5(g)(iii) of annex II to decision 2/CMP.8 not not be identified in submission		
		A demonstration that this newly established forest will reach at least the equivalent carbon stock that was contained in the harvested forest plantation at the time of harvest, within the normal harvesting cycle of the harvested forest plantation, and, if not, a debit would be generated under Article 3, paragraph 4		Information required in paragraph 5(g)(iv) of annex II to decision 2/CMP.8 not not be identified in submission		