



## **COMPLIANCE COMMITTEE**

CC/ERT/ASR/2017/30 21 July 2017

## Status report of the annual inventory of Poland

## Note by the secretariat

The status report of the annual inventory of Poland was published on 7 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/POL, 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 7 June 2017

English only

## Status report of the annual inventory of Poland

- 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 Poland'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

orestry

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

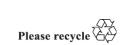
Notation keys

C: confidential

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

GE.17-09181(E)







			GREI	ENHO	USE GAS	INVEN'	TORY S	UBMISS	SION					
		Date of	receipt		Date of rest	ubmissic	on	Comme	ıts					
	NIR	13 Арі	ril 2017	'	26 May 2	017								
	CRF tables <sup>a</sup>	13 Apı	il 2017	'	26 May 2	017								
rmation	Additional information <sup>b</sup>													
General information	CRF tables provided for years	1988–2	2015											
Ge	Base year or period <sup>c</sup>	1988	Base :	year f and S	or HFCs,	]	1995			Bas NF	se year	for	2000	
	Gases covered	$CO_2$	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	MIX	$SF_6$	NF <sub>3</sub>	$NO_X$	CO	NM	IVOCs	$SO_2$
		<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	✓	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓		<b>√</b>
NIR	Description	The or Annex	ganizat I inver	ion o	f the NIR reporting	genera guidel	ally foll ines. $^f$	lows the	e struct	ure outl	ined in	the U	UNFCC	C
V	Language of NIR English													
CRF <sup>g</sup> tables	Source categories acc more of Party's aggre from sources included Kyoto Protocol	gate en	nissions	3	No miss been ide			tegory a	account	ing for	7 per c	cent o	f more h	as

- <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.
- $^d$  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 NF<sub>3</sub> 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 UNDE	R ARTICLE 7, PARA	GRAPH 1, OF THE KYOTO PROTOCOL
		Date of receipt	Date of resubmission	Comments
	KP-LULUCF information <sup>a</sup>	13 April 2017	26 May 2017	NIR chapter 11
mation	KP-LULUCF CRF tables <sup>b</sup>	13 April 2017	26 May 2017	KP-LULUCF CRF tables provided for years
ıtary infor	Information on Kyoto units (ERUs, CERs, RMUs and AAUs) <sup>c</sup>	13 April 2017	26 May 2017	NIR chapter 12
Reporting of supplementary information	SEF tables <sup>d</sup> with Kyoto Protocol units	13 April 2017		Year reported: 2016; SEF table for CP1 (reported year 2016) submitted on 13 April 2017; resubmitted on 28-Apr-16
Repo	Changes in national system <sup>e</sup>	13 April 2017	26 May 2017	NIR chapter 13
	Changes in national registry <sup>e</sup>	13 April 2017	26 May 2017	NIR chapter 14
	Minimization of adverse impacts <sup>e</sup>	13 April 2017	26 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, lCERs, 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.

1	I	F		IPPU		A = == 14		111111	re.	KP-LULUCF <sup>a</sup>		Waste	
Tables		Energy 1	<b>~</b>		✓		_		,		<b>√</b>	+	<b>✓</b>
Deackground data tables   LA(b)				2(II)	<b>✓</b>								
1.A(b)   V   2(II).B-H   V   3.B(a)   V   4.A   V   NIR-3   S.B     1.A(c)   V     3.B(b)   V   4.B   V   4(KP)   Recalculations   S.C     1.A(d)   V     3.D   V   4.D   V   4(KP-I)A.1   V     1.B.1   V   3.E   V   4.F   V   4(KP-I)A.2   V     1.D   V   3.G-I   V   4(II)   V   4(KP-I)B.1   V     4(III)   V   4(KP-I)B.1.1   V     4(KP-I)B.1   V   4(KP-I)B.1.2   V     4(KP-I)B.2   V   4(KP-I)B.3   V     4(KP-I)B.4   V   4(KP-I)B.5   V     4(KP-I)B.5   V   4(		1.A(a)	<b>✓</b>	2(I).A-H	<b>✓</b>	3.A	<b>✓</b>	4.1	<b>✓</b>	NIR-2	<b>✓</b>	5.A	<b>✓</b>
Recalculations  3.C	background data tables	1.A(b)	<b>√</b>	2(II).B-H	<b>✓</b>	3.B(a)	<b>✓</b>	4.A	<b>✓</b>	NIR-3		5.B	<b>✓</b>
1.B.1		1.A(c)	<b>✓</b>			3.B(b)	<b>~</b>	4.B	<b>√</b>			5.C	<b>√</b>
3.E		1.A(d)	✓			3.C	<b>✓</b>	4.C	<b>✓</b>	4(KP)	<b>✓</b>	5.D	<b>✓</b>
1.C		1.B.1	<b>√</b>			3.D	<b>✓</b>	4.D	<b>✓</b>	4(KP-I)A.1	✓		l e
3.G-I		1.B.2	<b>√</b>			3.E	✓	4.E	<b>√</b>	4(KP-I)A.1.1	<b>√</b>		
4(II)		1.C	✓			3.F	<b>√</b>	4.F	<b>√</b>	4(KP-I)A.2	<b>√</b>		
4(III)		1.D	<b>√</b>			3.G-I	<b>✓</b>	4(I)	<b>√</b>	4(KP-I)A.2.1	<b>✓</b>		
4(IV)								4(II)	<b>✓</b>	4(KP-I)B.1	<b>✓</b>		
4(V)								4(III)	<b>✓</b>	4(KP-I)B.1.1	<b>✓</b>		
4(KP-I)B.2   4(KP-I)B.3   4(KP-I)B.4   4(KP-I)B.5   4(KP-I)B.5								4(IV)	<b>✓</b>	4(KP-I)B.1.2			
4(KP-I)B.3   4(KP-I)B.4   4(KP-I)B.5   4(KP-I)B.5								4(V)	<b>√</b>	4(KP-I)B.1.3	✓		
4(KP-I)B.4 4(KP-I)B.5									·	4(KP-I)B.2	✓		
4(KP-I)B.5										4(KP-I)B.3	✓		
										4(KP-I)B.4	✓		
										4(KP-I)B.5	✓		
4(KP-I)C ✓										4(KP-I)C	✓		
4(KP-II)1										4(KP-II)1	<b>✓</b>		

							PAI	RT I	I						
	Provis	sion of ir	nformation	for t	he late	st repor	ted inventory	ye:	ar in the com	mon	reporting	format: 20	015 (	continued)	
											4(KP-	II)3	<b>~</b>		
											4(KP-	II)4	<b>√</b>		
											Accou table	ınting	<b>√</b>		
	Summary tables	Summai 1.A	ry table	✓		Summar	y table 2		<b>√</b>		Summ	nary 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 (Recalcul	lation	)	
		Table 9	eteness)	✓		Table 10 trends)	(Emission		<b>√</b>						
	Comments	Key cate	egories are	repor	ted in t	he NIR a	and are consis	tent	with those in	CRF	Table 7				
Totals	Provided for	gases	CO₂ ✔	СН₄ ᠈			N₂O ✓	Н	IFCs ✓	PFC	Cs 🗸	MIX ✔		$SF_6$ $\checkmark$	NF₃ ✓
	Provided for	years	1988–20	15	1988–	2015	1988–2015	1	1988–2015	198	8–2015	1988–201	15	1988–2015	1988–2015
2	Comparison CO2 emission from fuel		Reference	аррі	roach	Sectora		00	ference more n 2%			ce is more ble 1.A(c)	than	2% explanati	ion provided
	combustion		✓			<b>√</b>									
HFCs and PFCs	Diagonas	<b>.</b>	HFCs				PFCs								
HFC	Disaggregat species	ын оу	✓				✓								
Notation keys	Used in		Summary	table	2 1.A	V	Sectoral r	еро	ort tables		<b>√</b>	Sectora data tab		kground	✓
Nc	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.

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										Pro	visio	n of	com	mon	repo	rting		PART II rmat tables for years reported (continued)
									Ye	ears								
			Base year <sup>a</sup>	0661	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Comments
	Secto	ral report: Table 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.A	<b>√</b>	<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>	✓	✓	
		Table 3.B(b)	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓	
4griculture		Table 3.C	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>V</b>	<b>V</b>	<b>✓</b>	<b>✓</b>	✓	✓	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	✓	No numerical data are reported in this table for the years 1988, 1990–2015. For these years the notation key NO is used.
Ag	SBDT	Table 3.D	✓	<b>√</b>	<b>√</b>	✓	<b>V</b>	<b>V</b>	✓	<b>√</b>	<b>√</b>	✓	✓	<b>V</b>	<b>√</b>	<b>✓</b>	✓	
		Table 3.E	<b>√</b>	✓	✓	<b>√</b>	~	~	✓	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	No numerical data are reported in this table for the years 1988, 1990–2015. For these years the notation key NO is used.
		Table 3.F	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>V</b>	<b>V</b>	<b>√</b>	✓	✓	✓	✓	<b>√</b>	<b>✓</b>	✓	✓	
		Table 3.G-I	<b>√</b>	✓	✓	✓	<b>V</b>	<b>V</b>	✓	✓	✓	✓	✓	<b>V</b>	<b>√</b>	✓	✓	

										Pro	visio	n of	comi	non	repo	rting		ART II nat tables for years reported (continued)
									Ye	ears								
			Base year <sup>a</sup>	0661	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Comments
	Secto	oral report: Table 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>V</b>	<b>√</b>	✓	
		Table 4.1	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	✓	✓	✓	<b>√</b>	<b>√</b>	✓	<b>V</b>	✓	
		Table 4.A	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	<b>V</b>	✓	
		Table 4.B	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	<b>✓</b>	<b>√</b>	✓	<b>✓</b>	✓	✓	
	SBDT	Table 4.C	<b>√</b>	✓	<b>V</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	✓	
		Table 4.D	✓	<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.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>	<b>√</b>	
LULUCF		Table 4.F	✓	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>✓</b>	<b>√</b>	✓	<b>✓</b>	<b>√</b>	<b>√</b>	
$T\Omega T$		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>	<b>√</b>	
		Table 4(I)	<b>√</b>	<b>√</b>	✓	<b>~</b>	<b>√</b>	<b>V</b>	<b>√</b>	<b>√</b>	✓	✓	✓	<b>✓</b>	<b>√</b>	<b>~</b>	✓	No numerical data are reported in this table for the years 1988, 1990–2015. For these years the notation keys NA and NO are used.
		Table 4(II)	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	No numerical data are reported in this table for the years 1988, 1990–2015. For these years the notation keys NA and NO are used.
		Table 4(III)	✓	✓	<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>√</b>	<b>√</b>	✓	✓	✓	✓	✓	✓	<b>√</b>	✓	<b>√</b>	✓	No numerical data are reported in this table for the years 1988, 1990–2015. For these years the notation key NO is used.
		Table 4(V)	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

								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>	✓	
			Table NIR-2	✓	✓	✓	✓	
			Table NIR-3		<b>√</b>	<b>√</b>	✓	
			Table 4(KP) Recalculat ions	<b>√</b>	<b>√</b>	✓		
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 1988. For this year the notation keys NA and NO is used.
KP		Table 4(KP-I)	)A.1.1	✓	✓	~	✓	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation key NA is used.
	•	Table 4	(KP-I)A.2	✓	<b>√</b>	<b>√</b>	<b>✓</b>	No numerical data are reported in this table for the year 1988. For this year the notation key NO is used.
		Table 4 I)A.2.1		✓	<b>√</b>	<b>√</b>	<b>√</b>	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation key NO is used.
		Table 4	(KP-I)B.1	✓	<b>√</b>	<b>√</b>	<b>√</b>	
		Table 4 I)B.1.1	(KP-	✓	<b>√</b>	✓	<b>√</b>	No numerical data are reported in this table for the year 1988. For this year the notation key NA is used.
		Table 4 I)B.1.2						

					PART II  Provision of common reporting format tables for years reported (continued)
		Year	rs		
	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 1988, 2013–2015. For these years the notation key NA is used.
Table 4(KP-I)B.2	<b>~</b>	✓	✓	✓	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation key NA is used.
Table 4(KP-I)B.3	<b>✓</b>	✓	✓	✓	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation key NA is used.
Table 4(KP-I)B.4	<b>✓</b>	✓	/ / No		No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation key NA is used.
Table 4(KP-I)B.5	<b>✓</b>	✓	✓	✓	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation key NA is used.
Table 4(KP-I)C	<b>√</b>	✓	✓	✓	
Table 4(KP-II)1	<b>√</b>	✓	✓	✓	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation keys NA and NO are used.
Table 4(KP-II)2	<b>✓</b>	✓	✓	<b>✓</b>	No numerical data are reported in this table for the years 1988, 2013–2015. For these years the notation keys NA and NO are used.
Table 4(KP-II)3	<b>✓</b>	✓	✓	<b>✓</b>	No numerical data are reported in this table for the year 1988. For this year the notation keys NA and NO is used.
Table 4(KP-II)4	<b>✓</b>	✓	<b>√</b>	<b>√</b>	No numerical data are reported in this table for the year 1988. For this year the notation keys NA and NO is used.
Table Accounting	<b>✓</b>	<b>√</b>	✓	✓	

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									Pro	visio	n of o	comr	non 1	repo	rting		ART mat		oles for years reported (continued)
	Years														T				
	Base year a 06 56 00 00 00 00 00 00 00 00 00 00 00 00 00											2010	Comments						
	Sect	oral report: Table 5	<b>√</b>	<b>√</b>	✓	✓	<b>V</b>	<b>V</b>	✓	✓	✓	<b>V</b>	✓	✓		✓		-	
		Table 5.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>	✓	<b>√</b>		
Waste	TC	Table 5.B	<b>√</b>	✓	<b>√</b>	✓	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	,							
	SBI	Table 5.C	<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 5.D	<b>✓</b>	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		

							Pı	rovis	ion o	f cor	nmoi	ı rep	ortii		PAR rma			s for years reported (continued)
								Y	ears									
		Base year <sup>a</sup>	0661	2661	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	7100	2014	2015	Comments
	Summary table 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	,	✓	✓	✓	✓	✓	✓	✓	~		
	Summary table 2 (CO <sub>2</sub> equivalent emissions)	<b>√</b>	<b>√</b>	✓	<b>~</b>	<b>~</b>	✓	✓	✓	<b>~</b>	<b>~</b>	✓	<b>√</b>	<b>V</b>	✓	<b>~</b>	/	
tables	Summary table 3 (Methods/emission factors)	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	<b>V</b>	✓	~	<b>√</b>	✓	<b>✓</b>	/	
Summary and other	Table 6 (Indirect emissions of $N_2O$ and $CO_2$ )	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	~	/	
Sum	Table 7 (Key categories)	<b>√</b>	<b>√</b>	<b>V</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>	<b>√</b>	<b>√</b>			
	Table 9 (Completeness)	<b>√</b>	<b>V</b>	<b>V</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	✓	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>~</b>	/	
	Table 10 (Trends)	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</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 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.

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PART III							
Provision of information relating to recalculations							
Table 8 (Recalculated data)	✓ C	omments	Explanatory information relating to recalculations is provided in chapter 10 of the NIR				
Recalculation reported for years	Recalculation reported for years 1988, 1990–2015						
Recalculated sectors/gases	Energy	IPPU		Agriculture	LULUCF	Waste	KP-LULUCF
CO <sub>2</sub>	✓	<b>✓</b>		✓	✓	✓	✓
CH <sub>4</sub>	✓			<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>
$N_2O$	<b>√</b>	~		✓	✓	<b>✓</b>	<b>√</b>
HFCs		<b>~</b>					
PFCs							
Unspecified mix of HFCs and PFCs							
SF <sub>6</sub>							
NF <sub>3</sub>							
Percentage difference in	Base–year estimate: <sup>a</sup>	Inclu	ding LULUCF:	-1.83%	Excluding LULUCF:	-1.64%	
aggregate GHG emissions	Latest recalculated year	ar: <sup>b</sup> Inclu	ding LULUCF:	0.94%	Excluding LULUCF:	0.77%	

<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						
			Provided	Observation			
		ons by sources and removals by sinks are clearly distinguished from emissions from categories ed in Annex A to the Kyoto Protocol	✓				
	Guidel	ation on how inventory methodologies have been applied taking into account the 2006 IPCC ines for National Greenhouse Gas Inventories and any relevant supplementary guidance izing the principles laid out in decision 16/CMP.1.	<b>√</b>				
5-	Inform	ation on the geographical location of the boundaries of areas that encompass:					
aphs I		Units of land subject to activities under Article 3, paragraph 3	✓				
II, paragr		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	<b>√</b>				
annex		Land subject to forest management or elected activities under Article 3, paragraph 4	✓				
2/CMP.8,		ation on the spatial assessment unit for determining the area of accounting for afforestation, tation and deforestation	✓				
er decision 2.	Article	ation on GHG emissions/removals resulting from activities under Article 3, paragraph 3, and 3, paragraph 4, for all geographical locations reported in the current and previous years since the ing of the commitment period or the onset of the activity, whichever comes later.	<b>√</b>				
ements un		ation on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic ) that are not accounted for.	<b>√</b>				
Reporting requirements under decision 2/CMP.8, annex II, paragraphs 1–5	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	✓	The Party does not apply the provisions for natural disturbances			
		How annual emissions resulting from natural disturbances and the subsequent removals are estimated and excluded from accounting	✓	The Party does not apply the provisions for natural disturbances			
		That no land-use change has occurred on lands for which the provisions in decision 2/CMP.7, annex, paragraph 33, are applied	✓	The Party does not apply the provisions for natural disturbances			

	PART IV  Provision of information relating to KP-I III UCF activities under Article 3, parage	ranhe 2 and	4 of the Kvote Protocal (continued)	
Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued)  Provided Observation				
	That events and circumstances were beyond the control of the Party	<b>✓</b>	The Party does not apply the provisions for natural disturbances	
	The efforts taken to rehabilitate the land for which the provisions contained in decision 2/CMP.7, annex, paragraph 33, are applied	<b>✓</b>	The Party does not apply the provisions for natural disturbances	
	That emissions associated with salvage logging were not excluded from accounting	<b>√</b>	The Party does not apply the provisions for natural disturbances	
	accounted for by instantaneous oxidation, information on GHG emissions/removals resulting from es in the HWP pool accounted for in accordance with decision 2/CMP.7, including:			
	Activity data for the HWP categories used for estimating the pool removed from domestic forests, for domestic consumption and for export	✓		
	Half-lives used in estimating emissions/removals for the HWP categories used	✓		
	Whether emissions from HWP originating from forests prior to the start of the second commitment period have been included in the accounting, if the forest management reference level is based on a projection	<b>√</b>		
	How emissions from the HWP pool accounted for in the first commitment period on the basis of instantaneous oxidation have been excluded from the accounting for the second commitment period	<b>✓</b>		
	How the HWP resulting from deforestation have been accounted on the basis of instantaneous oxidation	<b>✓</b>		
	How CO2 emissions from HWP in SWDS and from wood harvested for energy purposes have been accounted on the basis of instantaneous oxidation	<b>✓</b>		
	How emissions/removals from changes in the HWP pool accounted for do not include imported HWP		Information required in paragraph 2(g)(vii) of annex II decision 2/CMP.8 could not be identified in the submis	
	nation on anthropogenic GHGs from LULUCF activities under Article 3, paragraph 3, and Article agraph 4, factoring out removals from:			
	Elevated CO <sub>2</sub> concentrations above pre-industrial levels	<b>√</b>		

PART IV					
Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued)					
		Provided	Observation		
	Indirect nitrogen deposition	✓			
	The dynamic effects of age structure resulting from activities prior to 1 January 1990	<b>✓</b>			
Speci	fic 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 could not be identified in the submission		
	How harvesting or forest disturbance that is followed by the re-establishment of forest is distinguished from deforestation	<b>√</b>			
Speci	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	✓			
	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>	The Party does not elect cropland management, grazing land management, revegetation, wetland drainage or rewetting		
	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 could not be identified in the submission		
	Information on how emissions arising from the conversion of natural forests to planted forests are accounted for	<b>√</b>			
	Methodological consistency between the reference level and reporting for forest management	✓			
	Technical corrections made pursuant to decision 2/CMP.7, annex, paragraph 14	✓			
	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 could not be identified in the NIR submission		

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PART IV						
	Provision of information relating to KP-LULUCF activities under Article 3, parag	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 could not be identified in the NIR 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 nonforested 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 could not be identified in the NIR 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 could not be identified in the NIR submission			