



## Framework Convention on Climate Change

Distr.: General 10 June 2011

English only

## Annual status report of the annual inventory of Japan

- 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 2011 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 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

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

PFCs: perfluorocarbons SF<sub>6</sub>: sulphur hexafluoride NO<sub>X</sub>: nitrogen oxides CO: carbon monoxide

NMVOCs: non-methane volatile organic

compounds

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



			(	GREENHO	USE GAS	INVENTORY S	UBMIS	SION					
		Date of	receipt	Date of res	ubmission	Comments							
	NIR	26 Apri	1 2011										
	CRF tables <sup>a</sup>	26 Apri	1 2011										
и	Additional information <sup>b</sup>	26 Apri	1 2011			Submitted with	NIR as '	additional in	nformation	ı':			
General information						"NIR-JPN-2011	-v3.0-ba	ckground.p	df"				
l infoi													
enera						'Additional Info	rmation'	submitted v	with CRF	submission			
Š	CRF provided for years	1990–20	009										
	Base year or period <sup>c</sup>	Base year or period <sup>c</sup> 1990		Base year	ar for HFCs	s, PFCs and SF <sub>6</sub> <sup>d</sup>	1995						
	Gases covered	$CO_2$	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>	$NO_X$	СО	NMVOCs	$SO_2$		
		<b>✓</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>✓</b>	<b>✓</b>		
NIR	Description	on annu		tories follow		, follows the structure oration of the prov			•	•	~ ~		
	Language of NIR	English											
	Missing source category categories included in An				No missin	g source category	y larger (	than 7 per co	ent has bee	en identified.			

- <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 for 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)).

	SUBMISSIO	ON OF SUPPLE	MENTARY INFORM	IATION UNDER ARTIC	CLE 7.1
		Date of receipt	Date of resubmission	Comments	
ation	KP-LULUCF information <sup>a</sup>	26 April 2011		NIR, ANNEX 11	
information	KP-LULUCF CRF <sup>b</sup>	26 April 2011		CRF provided for years:	1990, 2008–2009
supplementary	Information on Kyoto units (ERUs, CERs, RMUs and AAUs)	26 April 2011		NIR, ANNEX 10.2	
olddns.	SEF <sup>d</sup> with Kyoto units	26 April 2011			
ting of	Change in national system <sup>e</sup>	26 April 2011		NIR, ANNEX 10.3	
Reporting	Change in national registry <sup>e</sup>	26 April 2011		NIR, ANNEX 10.4	
	Minimization of adverse impacts <sup>e</sup>	26 April 2011		NIR, ANNEX 10.5	

<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.

<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 the annex to decision 15/CMP.1, section I.E.

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

	ı	Provision	of info	rmation for	the latest	renorte	PAR'		ar in t	he commo	on reno	orting format: 2009			
		Energy		Industrial pr		SOPU		Agricult		LULUC		KP-LULUCF <sup>a</sup>		Waste	
	Sectoral report	1	✓	2(I)	✓	3	✓	4	✓	5	✓	5(KP)	✓	6	✓
	tables		L	2(II)	✓		ı								
	Sectoral	1.A(a)	<b>✓</b>	2(I).A-G	<b>✓</b>	3.A-D	✓	4.A	✓	5.A	<b>✓</b>	5(KP-I)A.1.1	✓	6.A	✓
	background data tables	1.A(b)	<b>√</b>	2(II).C	<b>√</b>		1	4.B(a)	✓	5.B	<b>✓</b>	5(KP-I)A.1.2	<b>√</b>	6.B	<b>✓</b>
		1.A(c)	<b>√</b>	2(II).E	<b>√</b>			4.B(b)	✓	5.C	<b>✓</b>	5(KP-I)A.1.3	<b>√</b>	6.C	<b>✓</b>
		1.A(d)	<b>√</b>	2(II).F	<b>√</b>			4.C	✓	5.D	<b>✓</b>	5(KP-I)A.2	<b>√</b>		!
		1.B.1	<b>√</b>			_		4.D	✓	5.E	<b>√</b>	5(KP-I)A.2.1.	<b>√</b>		
		1.B.2	<b>√</b>					4.E	✓	5.F	<b>✓</b>	5(KP-I)B.1.	<b>√</b>		
		1.C	<b>√</b>	-				4.F	✓	5 (I)	<b>✓</b>	5(KP-I)B.2.	<b>√</b>		
		Bunkers	separat	ely 🗸						5 (II)	✓	5(KP-I)B.3.	✓		
Tables				<u>,</u>						5 (III)	<b>✓</b>	5(KP-I)B.4.	<b>√</b>		
										5 (IV)	<b>✓</b>	5(KP-II)1	<b>√</b>		
										5 (V)	✓	5(KP-II)2	✓		
												5(KP-II)3	✓		
												5(KP-II)4	<b>√</b>		
												5(KP-II)5	<b>√</b>		
												Accounting table	✓		
	Summary tables	Summar	y 1.A	✓	Summa	ary 1.B		✓			Sumi	mary 2		-	/
	Other tables	Summar	ry 3	<b>√</b>		<b>√</b>			Table	e 9(a) (Completeness)	)	•	/		
		Table 10	(Trend	ls) 🗸				•			Table	e 9(b) (Completeness	)		
	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.3.

					PAI	RTI						
	Provision of i	nformation for	the lates	t reported	inventory	y year in the c	ommon rep	orting fo	rmat: 2009 (	continued	l)	
Totals	Provided for gases	CO₂ ✓	CH <sub>4</sub>	<b>✓</b>	$N_2O$	<b>✓</b>	HFCs 🗸		PFCs 🗸		$SF_6$ $\nu$	
Tot	Provided for years	1990–2009	1990–	2009	1990–	-2009	1990–2009		1990–2009	1	1990–	2009
		Reference appr	oach	Sectoral a	pproach	Difference m	ore than 2 p	er cent	If differenc	e is more	than 2	per cent
$CO_2$	Comparison of CO <sub>2</sub> from fuel combustion	<b>√</b>		✓					Explanation provided	n		
$SF_{\delta}$					HFCs		PFCs			$SF_6$		
	Disaggregation by sp	pecies			<b>√</b>		<b>~</b>					
HFCs, PFCs,	Reporting of actual a	•			Actual	Potential	Actual	Potent	ial	Actual		Potential
HFC	estimates in the categ and SF <sub>6</sub>	ory consumption	n of halo	ocarbons	<b>√</b>	<b>✓</b>	<b>✓</b>	✓		<b>✓</b>		✓
tion vs	Used in	Summary table	1.A	~	Sectoral	report tables	~	Sector	al backgrou	ıd data ta	bles	<b>√</b>
Notation keys	Comments				•		•	•				

										n						PART II	
	Years														epor	ting format tables for y	rears reported
				Base year <sup>a</sup>	0661	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	Information gaps relating to reporting <sup>b</sup>	Comments
	Sect	oral report: ta	ble 1		✓	✓	<b>√</b>	✓	<b>√</b>								
		Table 1.A(a)			<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	✓	<b>√</b>	<b>√</b>	✓		
		Table 1.A(b)			<b>√</b>	<b>√</b>	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	<b>✓</b>	✓	
Energy		Table 1.A(c)			<b>V</b>	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	✓		
Ene	SBDT	Table 1.A(d)			<b>V</b>	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	✓		
		Table 1.B.1			<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	✓		
		Table 1.B.2			<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	✓		
		Table 1.C			<b>√</b>	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>✓</b>	✓		
	Sectorepo:		Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
es	геро		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Industrial processes	Table 2(I).A–G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
trial p	Table 2(II).C  Table 2(II).E			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–1994. For the years 1990–1994 the notation key NE is used.	
Indus			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		years 1990–1994 the notation key INL is used.		
		Table 2(II).F			✓	✓	✓	<b>√</b>	✓		No numerical data are reported in this table for the years 1990–1993. For the years 1990–1993 the notation keys NE, IE are used.						

															PART II	
								P	rovis	sion (	of cor	nmo	n rep	orti	ng format tables for ye	ears reported (continued)
			Years													
			Base year <sup>a</sup>	0661	1995	2000	2002	2003	2004	2005	2006	2002	2008	2009	Information gaps relating to reporting <sup>b</sup>	Comments
t use	Secto	oral report: Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Solvent	SOPU	Table 3.A–D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Secto	oral report: Table 4		✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓		
		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>V</b>	<b>√</b>	✓	<b>V</b>		
ure		Table 4.B(b)		✓	✓	✓	<b>✓</b>	<b>√</b>	<b>V</b>	<b>√</b>	<b>V</b>	✓	✓	✓		
Agriculture	SBDT	Table 4.C		✓	✓	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>~</b>	<b>V</b>	✓	✓	<b>√</b>		
Ą		Table 4.D		✓	✓	✓	<b>✓</b>	✓	<b>✓</b>	✓	<b>V</b>	✓	✓	✓		
		Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	✓		No numerical data are reported in this table. For the years 2004–2009 the notation key NO is used. For the years 1990–2003 the notation keys NE, NO are used.
		Table 4.F		✓	✓	✓	<b>~</b>	✓	<b>~</b>	<b>√</b>	<b>V</b>	✓	<b>√</b>	✓		

								P	Provis	sion (	of co	mmo	n rep	ortii	PART II ng format tables for ye	ars reported (continued)
			Years													
			Base year <sup>a</sup>	0661	2661	2000	2002	2003	2004	2005	2006	2007	2008	2009	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>√</b>	<b>V</b>	<b>V</b>	✓	<b>✓</b>	<b>✓</b>		
		Table 5.B		✓	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>V</b>		
		Table 5.C		✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	✓	<b>√</b>	✓	<b>√</b>		
		Table 5.D		✓	✓	<b>√</b>	<b>√</b>	<b>✓</b>	✓	✓	✓	<b>√</b>	✓	<b>√</b>		
JCF.		Table 5.E		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
LULUCF	SBDT	Table 5.F		<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>		
	ر	Table 5 (I)		<b>✓</b>	<b>V</b>	<b>V</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>~</b>		No numerical data are reported in this table. The notation keys IE, NA are used.
		Table 5 (II)		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>		No numerical data are reported in this table. The notation keys NA, NO are used.
		Table 5 (III)		<b>V</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>V</b>	<b>✓</b>	✓	<b>√</b>	<b>√</b>		
		Table 5 (IV)		<b>V</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>V</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>		
		Table 5 (V)		✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓		

						Pr	ovisi	on of	f com	mon	repo	ortin		ART II	reported (continued)
		Years									·-P		J	J. J	
		Base year <sup>a</sup>	0661	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	Information gaps relating to reporting <sup>b</sup>	Comments
Sec	ctoral report: Table 5 (KP)		✓									✓	<b>√</b>		
	Table 5 (KP-I) A.1.1											<b>√</b>	<b>√</b>		
	Table 5 (KP-I )A.1.2											<b>√</b>	<b>✓</b>		No numerical data are reported in this table for the years 2008–2009. For these
	Table 5 (KP-I) A.1.3											<b>√</b>	<b>~</b>		years the notation key NA is used.
	Table 5 (KP-I) A.2											<b>√</b>	<b>√</b>		
	Table 5 (KP-I) A.2.1											<b>√</b>	<b>✓</b>		
	Table 5 (KP-I) B.1											<b>√</b>	<b>✓</b>		
	Table 5 (KP-I) B.2		<b>√</b>									<b>√</b>	<b>√</b>		No numerical data are reported in this table for the years 1990, 2008–2009. For
UCF	Table 5 (KP-I) B.3		<b>√</b>									<b>√</b>	<b>√</b>		these years the notation key NA is used.
KP-LULUCF	Table 5 (KP-I) B.4		<b>√</b>									<b>√</b>	<b>√</b>		
KF	Table 5 (KP-II) 1											✓	<b>√</b>		No numerical data are reported in this table for the years 2008–2009. For these years the notation keys IE, NA are used.
	Table 5 (KP-II) 2											<b>√</b>	✓		No numerical data are reported in this table for the years 2008–2009. For these years the notation key NO is used.
	Table 5 (KP-II) 3		✓									✓	✓		No numerical data are reported in this table for the year 1990. For these years the notation key NA is used.
	Table 5 (KP-II) 4		<b>✓</b>									<b>√</b>	<b>✓</b>		
	Table 5 (KP-II) 5		✓									✓	✓		No numerical data are reported in this table for the year 1990. For these years the notation keys NA, NO are used.
Ac	counting table											<b>√</b>	<b>√</b>		

						I	Prov	ision	of co	omm	on re	port			T II t tables for years reported (	d (continued)
			Years													
			Base year <sup>a</sup>	0661	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	Information gaps relating to reporting Comm	mments
	Secto	oral report: Table 6		✓	✓	✓	✓	✓	✓	<b>√</b>	✓	✓	✓	<b>√</b>		
ste		Table 6.A		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	<b>√</b>	✓	<b>√</b>	✓		
Waste	SBDT	Table 6.B		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓		
		Table 6.C		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓		
		Summary 1.A		✓	✓	✓	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
		Summary 1.B		<b>√</b>	✓	✓	✓	<b>√</b>								
		Summary 2 (CO <sub>2</sub> equivalent emissions)		<b>√</b>	<b>√</b>	<b>√</b>	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓		
tables		Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	<b>√</b>	<b>√</b>	<b>V</b>	<b>√</b>	✓		
other	T	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>	✓			
Sun.		Table 8(b) (Recalculation – explanatory information)		✓	✓	✓	✓	✓	✓	✓	<b>√</b>	<b>~</b>	<b>√</b>		<b>√</b>	
		Table 9(a) (Completeness)		<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>V</b>	<b>√</b>	<b>V</b>	<b>√</b>	<b>√</b>	<b>✓</b>	
		Table 9(b) (Completeness)														
		Table 10 (Trends)		<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>V</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 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/CP2 and 11/CP4.

<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).

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			PART III			
		Provision of info	ormation relating to recalc	ulations		
Table 8(a) (Recalculated data)	<b>✓</b>	Comments				
Recalculation reported for years	1990–2008					
Recalculated sectors/gases	Energy	Industrial processes	Solvent and other product use	Agriculture	LULUCF	Waste
CO <sub>2</sub>	✓	✓			<b>✓</b>	<b>✓</b>
CH <sub>4</sub>	✓	✓		✓	<b>√</b>	<b>✓</b>
$N_2O$	✓		<b>√</b>	✓	<b>√</b>	<b>✓</b>
HFCs		✓				
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:	-0.69 %	without LULUCF:	-0.17 %
emission		Latest recalculated year: <sup>b</sup>	with LULUCF:	-0.06 %	without LULUCF:	-0.1 %

<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, p	aragraphs 3 and 4
			Provided	Observation
		ons by sources and removals by sinks are clearly distinguished from emissions from categories ed in Annex A to the Kyoto Protocol.	✓	
6		ation on how inventory methodologies have been applied taking into account IPCC good practice ace for LULUCF <sup>a</sup> and decision 16/CMP.1.	✓	
ohs 5–9	Inform	nation on geographical location of the boundaries of areas that encompass:		
ragrap		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	<b>✓</b>	
MP.I,		Land subject to elected activities under Article 3.4	✓	
sion 15/Cl		nation on the spatial assessment unit for determining the area of accounting for afforestation, station and deforestation.	<b>✓</b>	
Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9	geogra	nation on GHG emissions/removals resulting from activities under Article 3.3 and 3.4, for all phical locations reported in the current and previous years since the beginning of the commitment or the onset of the activity, whichever comes later.	<b>✓</b>	
equiremen		nation on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic that are not accounted for.	<b>✓</b>	
eporting re		nation on anthropogenic GHGs from LULUCF activities under Article 3.3 and 3.4 factoring out als from:		
Re		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
Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9	Specific information to be reported for Article 3.3 activities:			
		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.	✓	
		How harvesting or forest disturbance that is followed by the re-establishment of forest is distinguished from deforestation	✓	
		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	<b>✓</b>	
		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	<b>✓</b>	
		Emissions/removals from Article 3.4 activities that are not accounted for under activities under Article 3.3	<b>√</b>	
		Forest management: information on the extent to which GHG removals by sinks offsets the debit incurred under Article 3.3	✓	