



## **COMPLIANCE COMMITTEE**

## Annual status report of the annual inventory of Belgium

Note by the secretariat

The annual status report of the annual inventory of Belgium was published on 5 June 2013. For purposes of rule 10, paragraph 2, of the Rules of procedure of the Compliance Committee (annex to decision 4/CMP.2, as amended by decision 4/CMP.4), the report is considered received by the secretariat on the same date. This report, FCCC/ASR/2013/BEL, 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.



United Nations



Framework Convention on Climate Change Distr.: General 5 June 2013

English only

## Annual status report of the annual inventory of Belgium

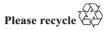
1. This status report was prepared by the expert review team as part of the initial check of the annual inventory submitted in accordance with decision 15/CMP.1. It reflects the content of the inventory submission of 2013 as originally submitted by the Party.

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

AAU: assigned amount unit CER: certified emission reduction CRF: common reporting format ERU: emission reduction unit GHG: greenhouse gas KP-LULUCF: Article 3, paragraphs 3 and 4, activities under the Kyoto Protocol ICER: long-term certified emission reduction LULUCF: land use, land-use change and forestry NIR: national inventory report RMU: removal unit SBDT: sectoral background data tables SEF: standard electronic format SOPU: solvent and other product use tCER: temporary certified emission reduction

Notation keys C: confidential IE: included elsewhere NA: not applicable NE: not estimated NO: not occurring

Gases CO<sub>2</sub>: carbon dioxide CH<sub>4</sub>: methane N<sub>2</sub>O: nitrous oxide HFCs: hydrofluorocarbons PFCs: perfluorocarbons SF<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



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		(	GREENH	IOUSE GAS	S INVENT	ORY SUBMIS	SION				
		Date of re	eceipt	Date of res	ubmission	Comments					
	NIR	15 Apri	1 2013								
	CRF tables <sup>a</sup>	15 Apri	1 2013								
	Additional information <sup>b</sup>	15 Apri	1 2013			The Party su information				g additional	
						2012-SPape	r-BEL	_finalv3	3.1.doc2	ĸ	
						Annex Agri	Belg	ium sub	missio	n 2013.zip	
General information						CONFIDEN description documentati	consoli	idated r		GIUM-Compl readiness	lete
veral						QAQC_Bel	gium 1	503201	2.doc		
Ger						NIS Belgiur	n 1503	2012.d	oc		
						QMS Fland	ers_15	0313.zij	p and		
						SEF_BE_20	13_2_	8-50-4	1 7-3-20	)13.xls	
	CRF provided for years	1990–2	011								
	Base year or period <sup>c</sup>	1990	Base y	ear for HI	FCs, PFC	s and $SF_6^d$	1995				
	Gases covered	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	$SF_6$	NO <sub>X</sub>	СО	NMVOCs	$SO_2$
		~	~	~	✓	<ul> <li>✓</li> </ul>	~	~	✓	~	~
NIR	Description	UNFCC provision of the re- sectoral compart	CC report ons of de ecomme approadison of 1	rting guide ecision 14 ended anne ch" and "A reference a	elines <sup>e</sup> on /CP.11, e exes such Assessme and secto	annual inver laborated wit as "CO <sub>2</sub> refe	ntories th an a prence teness is prov	followi nnotate approac are no vided in	ng inco d outlin ch and c t provic	ed in the updat rporation of the e of the NIR. comparison wiled. However, r 3.2.1 and ge	he Some ith
	Language of NIR	English									
$CRF^{f}$	Missing source category cent for categories includ to the Kyoto Protocol	larger the ed in An	an 7 per inex A	No miss	sing sourc	ce category la	arger tl	han 7 pe	er cent l	nas been ident	ified.

<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.

 $^{c}$  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.

<sup>e</sup> "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories" (FCCC/SBSTA/2006/9).

 $^{f}$  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)).

	SUBMISSION OF S	UPPLEMENTARY	INFORMATION UNI	DER ARTICLE 7.1
		Date of receipt	Date of resubmission	Comments
ation	KP-LULUCF information <sup>a</sup>	15 April 2013		NIR page 214, chapter 10.
mofu	KP-LULUCF CRF <sup>b</sup>	15 April 2013		CRF provided for years: 2008–2011
supplementary information	Information on Kyoto units (ERUs, CERs, RMUs and AAUs) <sup>c</sup>	15 April 2013		NIR page 227, chapter 11.
	SEF <sup>d</sup> with Kyoto units	15 April 2013		
Reporting of	Change in national system <sup>e</sup>	15 April 2013		NIR page 228, chapter 12.
Repor	Change in national registry <sup>e</sup>	15 April 2013		NIR page 229, chapter 13.
	Minimization of adverse impacts <sup>e</sup>	15 April 2013		NIR page 233, chapter 14.

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

11. <sup>e</sup> The requirements for Parties to report on changes in national systems in accordance with Article 5, paragraph 1, changes in <sup>e</sup> The requirements for Parties to report on changes in national systems 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.

	Provision	n of info	rmation for	the lates	t reporte	PAR' d inve		ar in t	he commo	on rep	orting format: 2011			
	Energy		Industrial p	rocesses	SOPU		Agricult	ure	LULUC	TF	KP-LULUCF <sup>a</sup>		Waste	2
Sectoral report	1	✓	2(I)	~	3	~	4	√	5	~	5(KP)	~	6	١
tables			2(II)	~										
Sectoral	1.A(a)	✓	2(I).A–G	~	3.A–D	~	4.A	~	5.A	~	5(KP-I)A.1.1	~	6.A	٦
background data tables	1.A(b)	~	2(II).C	~			4.B(a)	~	5.B	~	5(KP-I)A.1.2	~	6.B	١
	1.A(c)	~	2(II).E	~			4.B(b)	~	5.C	~	5(KP-I)A.1.3	~	6.C	١
	1.A(d)	~	2(II).F	~			4.C	~	5.D	~	5(KP-I)A.2	~		
	1.B.1	~		<b>I</b>			4.D	~	5.E	~	5(KP-I)A.2.1.	~		
	1.B.2	✓					4.E	~	5.F	~	5(KP-I)B.1.	~		
	1.C	✓					4.F	~	5 (I)	~	5(KP-I)B.2.	~		
	Bunkers	separate	ely 🗸				<u> </u>		5 (II)	~	5(KP-I)B.3.	~		
									5 (III)	~	5(KP-I)B.4.	~		
									5 (IV)	~	5(KP-II)1	~		
									5 (V)	~	5(KP-II)2	~		
									L		5(KP-II)3	~		
											5(KP-II)4	~		
											5(KP-II)5	~		
											Accounting table	~		
Summary tables	Summar	ry 1.A	✓	Summ	ary 1.B		~			Sum	mary 2		•	~
Other tables	Summar	ry 3	✓	Table ′	7 (Key ca	tegorie	es) 🗸			Tabl	e 9(a) (Completeness	)	1	~
	Table 10	) (Trends	5) 🗸							Tabl	e 9(b) (Completeness	)		

<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.

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Actual Potentia
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round data tables 🖌

6

																	ART II	
										Prov	visior	n of c	omn	ion	repo	ortir	ng format tables for y	ears reported
				Years								-	-					
				Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	1100		nformation gaps elating to reporting <sup>b</sup>	Comments
	Sect	oral report: ta	ible 1		✓	√	✓	√		~	~	~	~	~	~	-		
		Table 1.A(a)	1		~	~	~	~	~	~	~	~	~	~	~			
		Table 1.A(b)	)		~	✓	~	~	~	~	~	~	~	~	~			
v		Table 1.A(c)			~	~	~	~	~	~	~	~	~	~	~			
Energy	3DT	Table 1.A(d)	)		~	~	~	~	~	~	~	√	√	~	~			
	SI	Table 1.B.1			~	✓	~	~	~	~	~	~	~	√	~			
		Table 1.B.2			~	~	~	~	~	~	~	~	~	~	~	V	/	The cells for reporting AD Unit for 1.B.2.a.iii Oil - Transport and 1.B.2.c.ii Venting - Gas are blank.
		Table 1.C			~	~	√	~	~	√	~	~	~	~	~			
	Sect		Table 2(I)		~	~	~	~	~	~	~	~	~	√	~			
	repo		Table 2(II)		~	~	~	~	~	~	~	~	~	√	~			
ocesse		Table 2(I).A	–G		~	~	~	~	~	~	~	~	~	√	~			
Industrial processes	SBDT	Table 2(II).C	2		~	~	~	~	~	~	~	~	~	~	~			No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.
lm		Table 2(II).E	2	t	~	~	~	~	~	√	~	~	~	~	~			
		Table 2(II).F	1	1	~	~	~	~	~	~	~	~	~	~	~			

															PART II	
								P	rovis	sion o	of co	mmo	n rep	oorti	ng format tables for ye	ears reported (continued)
			Years													
			Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
	Secto	oral report: Table 3		~	~	~	~	~	~	~	~	~	~	~		
SOPU	SBDT	Table 3.A–D		~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table for 1990–1996, 2002, 2004–2011. For the years 1990–1996, 2002, 2004–2011, the notation keys NE, NA, NO are used.
	Secto	oral report: Table 4		~	~	~	~	~	~	~	~	~	~	~		
		Table 4.A		~	~	~	✓	~	~	~	~	~	~	~		
		Table 4.B(a)		~	~	~	~	~	~	~	~	~	~	~		
		Table 4.B(b)		~	~	~	~	~	~	~	~	~	~	~		
Agriculture	SBDT	Table 4.C		~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.
$A_{i}$	SE	Table 4.D		~	~	~	~	~	~	~	~	~	~	~		
		Table 4.E		~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.
		Table 4.F		~	~	~	~	~	~	~	√	~	~	~		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation key NO is used.

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	PART II Provision of common reporting format tables for years reported (continued)															
	Years															
			Base year <sup>a</sup>	1990	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
S	Sector	ral report: Table 5		~	~	~	✓	✓	✓	✓	✓	~	~	✓		
	ſ	Table 5.A		~	~	~	~	~	~	~	~	~	~	~		
	1	Table 5.B		~	~	~	~	~	~	~	~	~	~	~		
	1	Table 5.C		~	~	~	~	~	~	~	~	~	~	~		
	1	Table 5.D		~	~	~	~	~	~	~	~	~	~	~		
	1	Table 5.E		~	~	~	~	~	~	~	~	~	~	~		
LULUCF		Table 5.F		~	~	~	~	~	~	~	~	~	~	~		
TUL	SBDT	Table 5 (I)		~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NO, NA are used.
	7	Table 5 (II)		~	~	~	~	~	~	~	~	~	~	~		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NA, NO are used.
	1	Table 5 (III)		~	~	~	~	~	~	~	~	~	~	~		
	1	Table 5 (IV)		~	~	~	~	~	~	~	~	~	~	~		
	1	Table 5 (V)		~	~	~	~	~	√	~	~	~	~	~		No numerical data are reported in this table for 2004, 2008–2010. For 2004, 2008–2010, the notation keys NE, NO are used.

	PART II Provision of common reporting format tabl														
		1				Pr	ovisi	on of	f con	imor	ı rep	mat tables for years	reported (continued)		
		Years	1	1		T	1	T	1	1	1	1	I		
		Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
s	ectoral report: Table 5 (KP)									~	~	~	~		
	Table 5 (KP-I) A.1.1									~	~	~	~		
	Table 5 (KP-I )A.1.2									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NO is used.
	Table 5 (KP-I) A.1.3									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-I) A.2									~	~	~	~		
	Table 5 (KP-I) A.2.1									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
KP-LULUCF	Table 5 (KP-I) B.1									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
KP-Ll	Table 5 (KP-I) B.2									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-I) B.3									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-I) B.4									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-II) 1									~	~	~	~		No numerical data are reported in this table for the years 2008–2011. For these years the notation keys NO, NA are used.
	Table 5 (KP-II) 2									~	~	~	~		No numerical data are reported in this table for the years 2008–2011. For these years the notation key NA is used.
	Table 5 (KP-II) 3									~	~	~	~		

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PART II Provision of common reporting format tables for years reported (continued)															reported (continued)
		Years													
		Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010		Information gaps relating to reporting <sup>b</sup>	Comments
	Table 5 (KP-II) 4									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation keys NO, NA are used.
	Table 5 (KP-II) 5									~	~	~	~		No numerical data are reported in this table for 2008–2011. For these years the notation keys NE, NO, NA are used.
Acco	unting table									√	✓	✓	~		

	PART II Provision of common reporting format tables for years reported (continued)															
			Years									•	0			· · · ·
			Base year <sup>a</sup>	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting <sup>b</sup>	Comments
	Sect	oral report: Table 6		~	~	~	~	~	~	~	~	~	~	~		
ste		Table 6.A		~	~	~	~	~	~	~	~	~	~	~		
Waste	SBDT	Table 6.B		~	~	~	~	~	~	~	~	~	~	~		
		Table 6.C		~	~	~	~	~	~	~	~	~	~	~		
		Summary 1.A		~	~	~	~	~	~	~	~	~	~	~		
		Summary 1.B		~	~	~	~	~	~	~	~	~	~	~		
		Summary 2 (CO <sub>2</sub> equivalent emissions)		~	~	~	~	~	~	~	~	~	~	~		
tables		Summary 3 (Methods/emission factors)		~	~	~	~	~	~	~	~	~	~	~	×	
other		Table 7 (Key categories)		~							~	~	~	~		
Summary and other tables		Table 8(a) (Recalculation – recalculated data)		~	~	~	~	~	~	~	~	~	~			
Sun		Table 8(b) (Recalculation – explanatory information)		~	~	~	~	~	~	~	~	~	~		✓	
		Table 9(a) (Completeness)	İ	~	~	~	~	~	~	~	~	~	~	~	~	
		Table 9(b) (Completeness)														
		Table 10 (Trends)		~	~	~	~	~	~	~	~	~	~	~		

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

	PART III Provision of information relating to recalculations														
Table 8(a) (Recalculated data)	$\checkmark$	Comments													
Recalculation reported for years	1990–2010														
Recalculated sectors/gases	Energy	Industrial processes	SOPU	Agriculture	LULUCF	Waste									
CO <sub>2</sub>	~	✓			~	$\checkmark$									
CH4	✓	✓		✓	~	✓									
N <sub>2</sub> O	✓	✓	✓	✓	✓	✓									
HFCs		✓													
PFCs		✓													
SF <sub>6</sub>		✓													
Table 8(b) (Explanatory information)	~	✓		Ý	✓	V									
Percentage difference in aggregate	e greenhouse gas	Base year estimate: <sup>a</sup>	With LULUCF:	-0 %	Without LULUCF:	-0.24 %									
emissions		Latest recalculated year: <sup>b</sup>	With LULUCF:	-2.77 %	Without LULUCF:	-2.5 %									

<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, pa	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	~	
9		ation on how inventory methodologies have been applied taking into account IPCC good practice ce for LULUCF <sup><i>a</i></sup> and decision 16/CMP.1	~	
ohs 5–	Inform	ation on the geographical location of the boundaries of areas that encompass:		
ragraț		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		Belgium did not elect any activities under Article 3,
MP.I,		Land subject to elected activities under Article 3.4		paragraph 4.
sion 15/Cı		ation on the spatial assessment unit for determining the area of accounting for afforestation, tation and deforestation	~	
Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9	geogra	ation 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	✓	
equiremen		ation on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic ) that are not accounted for	~	
eporting r		ation on anthropogenic GHGs from LULUCF activities under Article 3.3 and 3.4 factoring out als from:		
$R_{\ell}$		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>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
<b>`</b>	Specific information to be reported for Article 3.3 activities:			
graphs 5–		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	~	
	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		Belgium did not elect any activities under Article 3, paragraph 4.
Reporting requirements under decision 15/CMP. I, annex, paragraphs 5–		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		
		Emissions/removals from Article 3.4 activities that are not accounted for under activities under Article 3.3		
Reportù		Forest management: information on the extent to which GHG removals by sinks offsets the debit incurred under Article 3.3		