



COMPLIANCE COMMITTEE

CC/ERT/ASR/2013/14 10 June 2013

Annual status report of the annual inventory of Hungary

Note by the secretariat

The annual status report of the annual inventory of Hungary 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/HUN, 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 5 June 2013

English only

Annual status report of the annual inventory of Hungary

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, and of the resubmission received by 27 May 2013.

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

CO₂: carbon dioxide

CH₄: methane N₂O: nitrous oxide

HFCs: hydrofluorocarbons

PFCs: perfluorocarbons SF₆: sulphur hexafluoride NO_X: nitrogen oxides

CO: carbon monoxide

NMVOCs: non-methane volatile organic

compounds

SO₂: sulphur dioxide



		(GREENH	OUSE GA	S INVENT	ORY SUBMISS	SION				
		Date of re	eceipt	Date of res	submission	Comments					
	NIR	15 Apri	1 2013	15 May							
	CRF tables ^a	15 Apri	1 2013								
General information	Additional information ^b	15 Apri	1 2013			The Party su information SIAR Repor	along	with the	origin	al NIR submi	ssion:
neral	CRF provided for years	1985, 1	985–87,	1986–20)11						
Ge	Base year or period ^c	1985- 87	Base ye	ear for H	FCs, PFC	s and SF_6^d	1995				
	Gases covered	CO_2	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NO_X	СО	NMVOCs	SO ₂
		✓	√	✓	✓	✓	√	✓	✓	√	✓
NIR	Description	UNFCC provision	CC repor	ting guid ecision 14	lelines ^e on I/CP.11, e	annual inver	itories h an a	followi nnotate	ing inco	ed in the upda orporation of the NIR.	
	Language of NIR	English									
Missing source category larger than 7 per cent for categories included in Annex A to the Kyoto Protocol No missing source category larger than 7 per cent has been identified to the Kyoto Protocol											

- ^a CRF tables are contained in document FCCC/SBSTA/2006/9, annex II.
- ^b Additional information can be any information submitted by a Party in conjunction with the NIR or CRF tables.
- ^c Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.
- ^d A Party may select 1990 or 1995 as the base year for the fluorinated gases in accordance with Article 3, paragraph 8, of the Kyoto Protocol.
- ^e "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 ^a	15 April 2013	15 May 2013	NIR, page 305, chapter 11
information	KP-LULUCF CRF ^b	15 April 2013		CRF provided for years: 2008–2011
supplementary	Information on Kyoto units (ERUs, CERs, RMUs and AAUs) ^c	15 April 2013	15 May 2013	NIR, page 353, chapter 12
olddns	SEF ^d with Kyoto units	10 April 2013	15 May 2013	
ting of	Change in national system ^e	15 April 2013	15 May 2013	NIR, page 357, chapter 13
Reporting	Change in national registry ^e	15 April 2013	15 May 2013	NIR, page 357, chapter 14
	Minimization of adverse impacts ^e	15 April 2013	15 May 2013	NIR, page 361, chapter 15

^a 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.

^b 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.

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.

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

^{11.}The requirements for Parties to report on changes in national systems in accordance with Article 5, paragraph 1, changes in accordance with Article 3 paragraph 14, are set out in sections I.F, I.G 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.

	Energy		Industrial pr	ocesses	SOPU		Agricult	ure	LULUC	F	KP-LULUCF ^a		Waste	
Sectoral report	1	✓	2(I)	✓	3	✓	4	✓	5	✓	5(KP)	✓	6	~
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	~
background data tables	1.A(b)	√	2(II).C	✓			4.B(a)	✓	5.B	✓	5(KP-I)A.1.2	✓	6.B	~
	1.A(c)	√	2(II).E	√			4.B(b)	✓	5.C	✓	5(KP-I)A.1.3	✓	6.C	~
	1.A(d)	✓	2(II).F	✓			4.C	✓	5.D	✓	5(KP-I)A.2	✓		
	1.B.1	✓					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.	✓		
3	Bunkers	separate	ely 🗸					•	5 (II)	✓	5(KP-I)B.3.	✓		
Calon									5 (III)	✓	5(KP-I)B.4.	✓		
									5 (IV)	✓	5(KP-II)1	✓		
									5 (V)	✓	5(KP-II)2	✓		
											5(KP-II)3	✓		
											5(KP-II)4	✓		
											5(KP-II)5	✓		
											Accounting table	✓		
Summary tables	Summar	ry 1.A	✓	Summa	ary 1.B		√			Sum	mary 2	•	,	/
Other tables	Summar	ry 3	✓	Table 7	7 (Key car	tegorie	es) 🗸			Tabl	e 9(a) (Completeness))	,	/
	Table 10	(Trends	s) 🗸				•			Tabl	e 9(b) (Completeness))		

^a Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, using the agreed CRF tables adopted under decision 6/CMP.3.

					PAI	RT I						
	Provision of	nformation for t	he lates	t reported	inventory	year in the o	common rep	orting fo	rmat: 2011 (d	continue	d)	
	Provided for gases	CO₂ ✓	CH ₄	/	N_2O	√	HFCs ✓		PFCs 🗸		SF_6	
Totals	Provided for years	base year (1985-87), 1985–2011	_	ear (1985- 985–2011		year (1985- 985–2011	1992–2011		base year (1 87), 1985–2		_	ear (1985- 985–2011
		Reference appro	oach	Sectoral a	pproach	Difference m	ore than 2 p	er cent	If difference	e is more	than 2	? per cent
CO ₂	Comparison of CO ₂ from fuel combustion	√		✓					Explanation provided	1		
SF_{δ}					HFCs		PFCs			SF_6		
PFCs, SI	Disaggregation by sp	pecies			√		√					
HFCs, PI	Reporting of actual a	•			Actual	Potential	Actual	Potenti	al	Actual		Potential
HF	estimates in the categ and SF ₆	ory consumption	of halo	ocarbons	√	✓	√	✓		✓		✓
tion	Used in	Summary table	1.A	~	Sectoral	report tables	~	Sector	al backgroun	d data ta	ables	√
Notation keys	Comments							•				

																PART II	
]	Prov	ision	of c	omn	on r	epor	ting format tables for y	ears reported
				Years													
				Base												Information gaps	
				year ^a	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	relating to reporting ^b	Comments
	Sect	oral report: ta	ble 1	✓	√	✓	✓	✓	✓	√	✓	V	V	✓	✓		
		Table 1.A(a)		✓	✓	✓	✓	√	✓	√	√	√	√	✓	✓		
		Table 1.A(b)		✓	√	✓	√	✓	✓	√	✓	√	√	√	✓		
.8 <i>y</i>		Table 1.A(c)		✓	✓	✓	√	√	✓	√	√	~	√	✓	✓		
Energy	SBDT	Table 1.A(d)		√	√	✓	√	√	✓	√	√	~	√	✓	✓		
		Table 1.B.1		√	√	✓	√	✓	✓	√	✓	√	√	✓	✓		
		Table 1.B.2		√	✓	✓	✓	√	✓	√	√	✓	✓	✓	✓		
		Table 1.C		√	✓	√	✓	√	✓	√	√	✓	✓	✓	✓		
	Sect		Table 2(I)	✓	✓	✓	✓	√	✓	√	√	√	√	✓	✓		
	repo	rts:	Table 2(II)	✓	✓	✓	✓	√	✓	√	√	√	√	✓	✓		
ocesses		Table 2(I).A-	-G	✓	√	✓	✓	✓	✓	✓	√	✓	✓	✓	√	✓	The cell for reporting AD description for asphalt roofing is blank for some years for which numerical data are reported.
Industrial processes	SBDT	Table 2(II).C		✓	√	✓	✓	✓	√	✓	√	✓	✓	✓	√		No numerical data are reported in this table for 2006–2011. For 2006–2011, the notation keys NO, NA are used.
In.		Table 2(II).E		✓	V	✓	~	✓	✓	✓	✓	√	✓	√	✓		No numerical data are reported in this table for 1985, 1985–87 and 1986–2011. For 1985, 1985–87 and 1986–2011 the notation keys NO, NA are used.
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

															PART II	
								P	rovis	sion (of co	mmo	n rep	orti	ng format tables for ye	ears reported (continued)
		Years Base Information gaps year 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8														
				0661	2661	2000	2004	2005	2006	2007	2008	5005	2010	2011		Comments
	Sect	oral report: Table 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	√		
SOPU	SBDT	Table 3.A–D	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	√	✓	✓	The cells for reporting AD description for 3.D.5 Other – Other (please specify) are blank.
	Sect	oral report: Table 4	√	√	√	√	√	✓	✓	✓	✓	V	✓	✓		
		Table 4.A	√	√	√	√	√	✓	✓	✓	✓	✓	✓	✓		
		Table 4.B(a)	✓	√	√	√	√	✓	√	✓	✓	✓	✓	✓		
e.		Table 4.B(b)	✓	√	√	√	√	✓	√	✓	✓	✓	✓	✓		
Agriculture	T(Table 4.C	√	√	√	√	√	✓	√	✓	√	✓	✓	✓		
Agı	SBDT	Table 4.D	√	√	√	✓	√	V	√	√	√	✓	✓	✓		
		Table 4.E	√	✓	✓	✓	✓	✓	✓	✓	✓	√	√	✓		No numerical data are reported in this table for 1985, 1985–87 and 1986–2011. For 1985, 1985–87 and 1986–2011 the notation key NO is used.
		Table 4.F	√	✓	✓	✓	✓	✓	√	✓	√	✓	V	√		No numerical data are reported in this table for 1990–2011. For 1990–2011, the notation keys NA, NO are used.

								P	rovis	sion (of co	mmo	n rep	orti	PART II ng format tables for ye	ears reported (continued)
			Years													
			Base year ^a	0661	2661	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting ^b	Comments
	Secto	oral report: Table 5	✓	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	✓		
		Table 5.A	√	✓	✓	✓	✓	✓	✓	✓	✓	√	✓	✓		
		Table 5.B	√	✓	✓	✓	✓	✓	✓	✓	√	✓	√	✓		
		Table 5.C	√	✓	✓	✓	✓	✓	✓	✓	√	✓	√	✓		
		Table 5.D	√	✓	✓	✓	✓	✓	✓	✓	√	✓	√	✓		
[+		Table 5.E	√	✓	✓	✓	✓	✓	✓	✓	√	✓	√	✓		
LULUCF	T(Table 5.F	√	✓	✓	✓	✓	✓	✓	✓	√	✓	√	✓		
77	SBDT	Table 5 (I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	√	√	✓		No numerical data are reported in this table for 1985, 1985–87 and 1986–2011. For 1985, 1985–87 and 1986–2011, the notation keys IE, NA are used.
		Table 5 (II)	√	✓	✓	✓	✓	√	✓	✓	✓	√	√	✓		No numerical data are reported in this table for 1985, 1985–87 and 1986–2011. For 1985, 1985–87 and 1986–2011, the notation keys NA, NE, NO are used.
		Table 5 (III)	√	✓	✓	✓	✓	✓	√	√	✓	✓	✓	✓		
		Table 5 (IV)	√	✓	✓	√	✓	✓	V	✓	V	√	✓	✓		
		Table 5 (V)	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	√	✓		

							Pr	ovisi	on of	f con	mon	rep	ortin		PART II mat tables for years r	reported (continued)
			Years													
			Base year ^a	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting ^b	Comments
	Sect	oral report: Table 5 (KP)									✓	✓	✓	✓		
		Table 5 (KP-I) A.1.1									√	√	✓	✓		
		Table 5 (KP-I)A.1.2									√	√	✓	✓		
		Table 5 (KP-I) A.1.3									√	√	✓	✓		
		Table 5 (KP-I) A.2									√	√	✓	✓		
		Table 5 (KP-I) A.2.1									✓	✓	✓	✓		No numerical data are reported in this table for 2008–2011. For these years the notation key NO is used.
		Table 5 (KP-I) B.1									√	√	✓	✓		
JCF		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.
KP-LULUCF	SBDT	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 2008–2011. For these years the notation key IE is used.
		Table 5 (KP-II) 2									✓	✓	✓	√		No numerical data are reported in this table for 2008–2011. For these years the notation key NO is used.
		Table 5 (KP-II) 3									✓	✓	✓	✓		
		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									√	√	√	√		

					Pr	ovisi	on of	com	ımon	repo	orting		PART II mat tables for years r	eported (continued)
	Years													
	Base year ^a	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	Information gaps relating to reporting ^b	Comments	
Accounting table									✓	✓	✓	√		

							Prov	rision	of co	omm	on re	epor	ing f		RT II at tables for years repo	rted (continued)
			Years										-			`
			Base year ^a	0661	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	Information gaps relating to reporting ^b	Comments
5	Sect	oral report: Table 6	✓	√	✓	√	√	✓	✓	✓	√	✓	√	✓		
		Table 6.A	✓	✓	√	✓	✓	✓	✓	√	~	V	✓	✓		
Waste	T	Table 6.B	√	✓	√	✓	✓	✓	✓	√	✓	✓	√	✓		
1	SBDT	Table 6.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table for 1985, 1985–87 and 1986–2003. For 1985, 1985–87 and 1986–2003, the notation keys NO, NA are used.
		Summary 1.A	✓	✓	✓	√	~	✓	✓	✓	✓	✓	V	✓		
		Summary 1.B	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	√	✓		
		Summary 2 (CO ₂ equivalent emissions)	✓	✓	√	√	✓	√	√	√	✓	✓	√	√		
tables		Summary 3 (Methods/emission factors)	✓	✓	√	√	✓	√								
other		Table 7 (Key categories)	√				✓	✓	✓	√	✓	✓	√	✓		
Summary and other tables		Table 8(a) (Recalculation – recalculated data)	√	✓	V	V	✓	V	V	V	√	√	✓			
Sun		Table 8(b) (Recalculation – explanatory information)	√	✓	V	V	✓	√	√	V	~	√	√			
		Table 9(a) (Completeness)	√	✓	✓	√	√	~	~	√	✓	✓	√	√	✓	
		Table 9(b) (Completeness)	√	√	✓	✓	✓	✓	✓	✓	✓	✓	V	√		
		Table 10 (Trends)	~	✓	✓	√	✓	✓	✓	✓	✓	✓	✓	√		

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

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

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PART III Provision of information relating to recalculations								
Table 8(a) (Recalculated data)	✓	Comments						
Recalculation reported for years	1985, 1985–87, 1986–2010							
Recalculated sectors/gases	Energy	Industrial processes	SOPU	Agriculture	LULUCF	Waste		
CO ₂	√		√		√			
CH ₄	√			✓	✓	✓		
N_2O	√			✓	✓	✓		
HFCs		✓						
PFCs		✓						
SF ₆								
Table 8(b) (Explanatory information)	✓	✓	✓	V	√	/		
Percentage difference in aggregate	e greenhouse gas	Base year estimate: ^a	With LULUCF:	1.06 %	Without LULUCF:	1.41 %		
emissions		Latest recalculated year:b	With LULUCF:	-0.86 %	Without LULUCF:	0.24 %		

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

^b The latest recalculated year is the submission year minus 3.

	PART IV						
	Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4						
				Observation			
	Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol		✓				
Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9	Information on how inventory methodologies have been applied taking into account IPCC good practice guidance for LULUCF ^a and decision 16/CMP.1		✓				
	Information on the geographical location of the boundaries of areas that encompass:						
		Units of land subject to activities under Article 3.3	✓				
		Units of land subject to activities under Article 3.3, which would otherwise be included in land subject to elected activities under Article 3.4	√				
		Land subject to elected activities under Article 3.4	✓				
	Information on the spatial assessment unit for determining the area of accounting for afforestation, reforestation and deforestation		✓				
	Information on GHG emissions/removals resulting from activities under Article 3.3 and 3.4 for all geographical locations reported in the current and previous years since the beginning of the commitment period or the onset of the activity, whichever comes later		✓				
	Information on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for		✓				
	Information on anthropogenic GHGs from LULUCF activities under Article 3.3 and 3.4 factoring out removals from:						
	Elevated CO ₂ concentrations above pre-industrial levels		✓				
		Indirect nitrogen deposition					
		The dynamic effects of age structure resulting from activities prior to 1 January 1990					

^a 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					
-6	Specific information to be reported for Article 3.3 activities:								
paragraphs 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	✓						
annex,		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	✓						
n 15/0	Specific information to be reported for Article 3.4 activities:								
decisic		Activities under Article 3.4 that occurred since 1 January 1990 and are human induced	✓						
ments under		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		Hungary elected only forest management under Article 3, paragraph 4.					
Reporting requirements under decision 15/CMP.1,		Emissions/removals from Article 3.4 activities that are not accounted for under activities under Article 3.3	√						
		Forest management: information on the extent to which GHG removals by sinks offsets the debit incurred under Article 3.3	√						