



COMPLIANCE COMMITTEE

CC/ERT/ASR/2012/27 20 June 2012

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 14 June 2012. 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/2012/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.

ADVANCE VERSION



FCCC/ASR/2012/HUN



Distr.: General 14 June 2012

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 2012 as originally submitted by the Party, and of the resubmission received by 27 May 2012.

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

Greenhouse 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	IOUSE GA	S INVENT	ORY SUBMIS	SION				
		Date of re	eceipt	Date of res	submission	Comments					
	NIR	4 May 2	2012	25 May 2	2012						
	CRF tables ^a	14 Apri	1 2012	4 May 20	012						
General information	Additional information ^b	4 May 2	2012							l by the Party ned 2011-HU	
nerali	CRF provided for years	1985, 1	985–87,	1986–20	010						
Ge	Base year or period ^c	1985- 87	Base y	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	CO	NMVOCs	SO_2
		√	√	✓	✓	✓	√	✓	✓	✓	✓
NIR	Description	reportin decision Note: th	g guide 14/CP e annex	lines ^e on a 11, elabo	annual inv rated with ncluded in	ventories foll the annotate	owing ed outl	incorpoint of the	oration ne NIR	dated UNFCC of the provision of the prov	ons of
	Language of NIR	English									
CRF^f	Missing source category cent for categories includ to the Kyoto Protocol	larger that led in An	an 7 per nex A	No mis	sing sourc	ce category la	arger tl	han 7 pe	er cent l	nas been ident	ified.

^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 for 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	4 May 2012	25 May 2012	NIR, page 288, chapter 11.
information	KP-LULUCF CRF ^b	14 April 2012	04 May 2012	CRF provided for years: 2008–2010
supplementary	Information on Kyoto units (ERUs, CERs, RMUs and AAUs) ^c	4 May 2012	25 May 2012	NIR, page 330, chapter 12.
olddns.	SEF ^d with Kyoto units	14 April 2012		
ting of	Change in national system ^e	4 May 2012	25 May 2012	NIR, page 333, chapter 13.
Reporting	Change in national registry ^e	4 May 2012	25 May 2012	NIR, page 333, chapter 14.
	Minimization of adverse impacts ^e	4 May 2012	25 May 2012	NIR, page 336, 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.

^c 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 Protocol units, as adopted under decision 14/CMP.1 and required by the annex to decision 15/CMP.1, paragraph 11.

^e 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.

	:	Provision	n of info	mation for t	he latest		PAR'		ar in tl	he commo	on repo	orting format: 2010			
		Energy		Industrial pro	cesses	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)	V	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)	V	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.	✓		
les		Bunkers	separate	ely 🗸						5 (II)	✓	5(KP-I)B.3.	✓		
Tables				1	_					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	Summai	y 1.A	✓	Summa	ary 1.B		✓			Sum	mary 2	1	,	/
	Other tables	Summai	ry 3	✓	Table 7	(Key cate	egorie	es) 🗸			Tabl	e 9(a) (Completeness))	,	/
		Table 10	(Trends	(a) 🗸				ı			Tabl	e 9(b) (Completeness)		
	Comments			•							•				

^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.

	Provision of i	nformation for t	he lates	st reported		RT I	common rep	orting fo	rmat: 2010 (continue	d)	
s	Provided for gases	CO₂ ✓	CH ₄	√	N_2O	√	HFCs 🗸		PFCs 🗸		SF_6	/
Totals	Provided for years	1985, 1985– 87, 1986–2010	1985, 1986–	1985–87, -2010		1985–87, -2010	1992–2010		1985, 1985 1986–2010		1985, 1986–	1985–87, 2010
		Reference appro	ach	Sectoral a	pproach	Difference n	nore than 2 p	oer cent	If difference	e is more	than 2	2 per cent
CO ₂	Comparison of CO ₂ from fuel combustion	√		√					Explanation provided	1		
SF_{δ}				•	HFCs	•	PFCs		•	SF_6	•	
Cs, Si	Disaggregation by sp	pecies			✓		✓					
HFCs, PFCs,	Reporting of actual a	•			Actual	Potential	Actual	Potent	ial	Actual		Potential
HF	estimates in the categ and SF ₆	ory consumption	of hal	ocarbons	√	✓	✓	√		✓		✓
tion vs	Used in	Summary table	l.A	~	Sectoral	report tables	s V	Sector	al backgrour	ıd data ta	ables	✓
Notation keys	Comments											

									,	Prov	icion	of c	omn	ıon r		PART II ting format tables for y	was rangeted
				Years					•	1101	13101	orc		1011 1	срог	ling format tables for y	cuis reporteu
				Base year ^a	0661	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	Information gaps relating to reporting ^b	Comments
	Sect	oral report: ta	ble 1	✓	✓	√	✓	✓	✓	✓	√	✓	√	✓	✓		
		Table 1.A(a)		√	√	✓	√	✓	✓								
		Table 1.A(b)		V	V	✓	√	√	~	√	√	√	✓	✓	✓	√	
'8y		Table 1.A(c)		V	V	✓	√	√	~	√	√	√	✓	✓	✓		
Energy	SBDT	Table 1.A(d)	, ,	√	√	✓	√	√	√	√	✓	√	✓	✓	✓		
		Table 1.B.1		√	√	✓	√	√	√	√	✓	√	✓	✓	✓		
	Table 1.B.1 Table 1.B.2		√	√	✓	√	√	√	√	✓	√	✓	✓	✓			
		Table 1.C		√	√	✓	√	✓	✓								
	Sect		Table 2(I)	√	√	✓	√	√	√	√	✓	√	✓	✓	✓		
	repo	rts:	Table 2(II)	√	√	✓	√	√	√	√	✓	√	✓	✓	✓	√	
sesses		Table 2(I).A-	-G	√	√	✓	√	✓	✓	√							
Industrial processes		Table 2(II).C		√	√	√	✓	✓	✓	✓	✓	√	√	√	√		No numerical data are reported in this table for the years 2006–2010. For these years the notation keys NO, NA are used.
Indu	SBDT	Table 2(II).E		✓	✓	√	✓	✓	✓	✓	✓	V	√	✓	✓		No numerical data are reported in this table for the years 1985, 1985–87, 1986–2010. For these years the notation keys NO, NA are used.
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

								P	rovis	sion (of co	nmo	n rep	orti	PART II	ears reported (continued)
			Years													
			Base year ^a	0661	2661	2000	2003	2004	2005	2006	2007	2008	2009	2010	Information gaps relating to reporting ^b	Comments
t use	Secto	oral report: Table 3	✓	✓	√			✓	✓		✓	✓	√	✓		
Solvent	SOPU	Table 3.A–D	√	✓	✓	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Secto	oral report: Table 4	✓	✓	V	✓	✓	√	√	√	√	✓	V	✓		
		Table 4.A	✓	√	√	✓	✓	√	√	✓	√	√	V	✓		
	•	Table 4.B(a)	✓	√	√	✓	✓	√	√	✓	√	✓	V	✓		
ure	•	Table 4.B(b)	√	✓	✓	√	✓	✓	✓	✓	√	✓	√	✓		
Agriculture	SBDT	Table 4.C	✓	√	✓	√	✓	√	√	✓	√	✓	V	✓		
Ą	SB	Table 4.D	✓	✓	✓	√	✓	√	✓	✓	√	√	~	✓		
		Table 4.E	√	✓	√	√	✓	✓	√	√	✓	✓	√	√		No numerical data are reported in this table for the years 1985, 1985–87, 1986–2010. For these years the notation key NO is used.
		Table 4.F	✓	√	✓	√	✓	√	√	√	✓	✓	~	√		No numerical data are reported in this table, the notation keys NA, NO are used.

															PART II	
			T					P	rovis	sion (of con	mmo	n rep	orti	ng format tables for ye	ears reported (continued)
			Years													
			Base year ^a	0661	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	Information gaps relating to reporting ^b	Comments
	Secto	oral report: Table 5	✓	✓	✓	√	1	✓	✓	✓	✓	✓	✓	✓		
		Table 5.A	✓	√	✓	V	✓	√	√	√	√	✓	√	√		
	•	Table 5.B	✓	√	✓	V	✓	√	√	√	√	✓	√	√		
	•	Table 5.C	✓	√	✓	V	√	√	√	✓	√	√	✓	√		
	•	Table 5.D	✓	√	✓	V	√	√	√	✓	√	√	✓	√		
r.	•	Table 5.E	✓	√	✓	V	√	√	√	✓	√	√	✓	√		
LULUCF	T	Table 5.F	✓	√	✓	V	✓	√	√	√	√	✓	√	√		
77	SBDT	Table 5 (I)	√	✓	✓	✓	✓	✓	✓	✓	✓	√	√	✓		No numerical data are reported in this table for the years 1985, 1985–87, 1986–2010. For these years the notation keys IE, NA are used.
		Table 5 (II)	√	✓	~	✓	✓	✓	✓	✓	✓	V	√	✓		No numerical data are reported in this table for the years 1985, 1985–87, 1986–2010. For these years the notation keys NA, NE, NO are used.
		Table 5 (III)	✓	√	✓	V	✓	√	√	✓	√	✓	✓	✓		
	•	Table 5 (IV)	✓	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	✓		
		Table 5 (V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	√	✓	✓		

							Pr	ovisi	on of	f con	ımon	rep	ortin		PART II mat tables for years r	reported (continued)
			Years													
			Base year ^a	0661	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	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, the notation key NO is used.
		Table 5 (KP-I) B.1										√	√	√		
LUCF	TC	Table 5 (KP-I) B.2										√	✓	✓		
KP-LULUCF	SBDT	Table 5 (KP-I) B.3										√	✓	√		No numerical data are reported in these tables, the notation key NA is used.
k		Table 5 (KP-I) B.4										√	√	√		
		Table 5 (KP-II) 1										√	√	√		No numerical data are reported in this table, the notation key IE is used.
		Table 5 (KP-II) 2										√	✓	√		No numerical data are reported in this table, the notation key NO is used.
		Table 5 (KP-II) 3										√	✓	~		
		Table 5 (KP-II) 4										✓	V	√		No numerical data are reported in this table, the notation keys NO, NA are used.
		Table 5 (KP-II) 5										√	✓	√		
	Acc	ounting table										√	✓	✓		

]	Prov	ision	of co	mm	on re	port			RT II at tables for years repo	rted (continued)
			Years													
			Base year ^a	0661	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	Information gaps relating to reporting ^b	Comments
	Sect	oral report: Table 6	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
2)		Table 6.A	√	✓	✓	√	✓	✓	✓	✓	✓	✓	✓	√		
Waste	SBDT	Table 6.B	✓	√	√	√	√	✓	✓	✓	✓	✓	√	√		
	SE	Table 6.C	√	✓	✓	✓	✓	✓	✓	✓	✓	~	✓	✓		No numerical data are reported in this table for the years 1985, 1985–87, 1986–2003. For these years the notation keys NO, NA are used.
		Summary 1.A	√	V	V	V	✓	√	√	~	√	✓	V	√		
		Summary 1.B	√	V	V	✓	✓	V	V	✓	V	✓	V	√		
		Summary 2 (CO ₂ equivalent emissions)	✓	√	✓	✓	√	✓	✓	√	✓	✓	✓	✓		
tables		Summary 3 (Methods/emission factors)	√	✓	✓	✓	✓	✓	✓	✓	✓	√	✓	✓	~	
other	T	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)	√	V	V	V	√	V	V	~	V	✓	V	✓		
		Table 9(b) (Completeness)	✓	√	✓	√	√	✓	✓	√	✓	✓	✓	√		
		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, 1986–2	2009													
Recalculated sectors/gases	Energy	Industrial processes	Solvent and other product use	Agriculture	LULUCF	Waste									
CO ₂	✓	✓	✓		✓										
CH ₄	✓	✓		√	√	✓									
N_2O	√		✓	✓	✓	✓									
HFCs		√													
PFCs		√													
SF ₆		√													
Table 8(b) (Explanatory information)	✓	✓	✓	✓	✓	✓									
Percentage difference in aggregate	e greenhouse gas	Base year estimate: ^a	with LULUCF:	0.56 %	without LULUCF:	0.56 %									
emission		Latest recalculated year:	with LULUCF:	-0.34 %	without LULUCF:	0.12 %									

^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							
			Provided	Observation				
	Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol		✓					
6	Information on how inventory methodologies have been applied taking into account IPCC good practice guidance for LULUCF ^a and decision 16/CMP.1		✓					
ohs 5–9	Information on geographical location of the boundaries of areas that encompass:							
Reporting requirements under decision 15/CMP.1, annex, paragraphs $5 extstyle -9$		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		✓					
ts under deci	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		✓					
equiremen	Information on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for		✓					
porting re	Information on anthropogenic GHGs from LULUCF activities under Article 3.3 and 3.4 factoring out removals from:							
Re		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:								
ZMP.I, annex, 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	✓						
		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	Specifi	c information to be reported for Article 3.4 activities:							
Reporting requirements under decision 15/CMP.1,		Activities under Article 3.4 that occurred since 1 January 1990 and are human induced	✓						
		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.					
		Emissions/removals from Article 3.4 activities that are not accounted for under activities under Article 3.3	✓						
Reportii		Forest management: information on the extent to which GHG removals by sinks offsets the debit incurred under Article 3.3	√						