



Annual status report of the greenhouse gas inventory of Turkey

1. This status report was prepared by the secretariat as part of the initial check of the greenhouse gas inventory submitted in accordance with decision 19/CP.8. It reflects the content of the inventory submission of 2010 as originally submitted by the Party.¹
2. In this report, the following abbreviations are used:

CRF: common reporting format
LULUCF: land use, land-use change and forestry
NIR: national inventory report
SBDT: sectoral background data tables

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

¹ Turkey informed the secretariat that its submission has been made under both the Convention and the Kyoto Protocol. However, since Turkey does not have a quantified emission limitation or reduction commitment inscribed in Annex B to the Kyoto Protocol its submission is being treated as a submission under the Convention.

GREENHOUSE GAS INVENTORY SUBMISSION											
General information		Date of receipt			Date of resubmission			Comments			
	NIR	13 April 2010									
	CRF tables ^a	13 April 2010									
	Additional information ^b										
	CRF provided for years	1990–2008									
	Base year or period ^c	1990									
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NO _x	CO	NMVOCs	SO ₂
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NIR	Description	The organization of the NIR, in general, follows the structure outlined in the updated UNFCCC reporting guidelines ^d on annual inventories following incorporation of the provisions of decision 14/CP.11. However, the chapter on "Recalculations and improvements" is not provided.									
	Language of NIR	English									

^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 "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).

PART I													
Provision of information for the latest reported inventory year in the common reporting format: 2008													
Tables		Energy		Industrial processes		Solvent and other product use		Agriculture		LULUCF		Waste	
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓	6	✓
				2(II)	✓								
	Sectoral background data tables	1.A(a)	✓	2(I).A-G	✓	3.A-D	✓	4.A	✓	5.A	✓	6.A	✓
		1.A(b)	✓	2(II).C	✓			4.B(a)	✓	5.B	✓	6.B	✓
		1.A(c)	✓	2(II).E	✓			4.B(b)	✓	5.C	✓	6.C	✓
		1.A(d)	✓	2(II).F	✓			4.C	✓	5.D			
		1.B.1	✓					4.D	✓	5.E			
		1.B.2	✓					4.E	✓	5.F			
		1.C	✓					4.F	✓	5 (I)	✓		
		Bunkers separately		✓						5 (II)	✓		
										5 (III)			
										5 (IV)			
										5 (V)	✓		
	Summary tables	Summary 1.A			✓	Summary 1.B			✓	Summary 2			✓
	Other tables	Summary 3			✓	Table 7 (Key categories)			✓	Table 9(a) (Completeness)			✓
		Table 10 (Trends)			✓					Table 9(b) (Completeness)			
Comments													
Totals	Provided for gases	CO ₂ ✓		CH ₄ ✓		N ₂ O ✓		HFCs ✓		PFCs ✓		SF ₆ ✓	
	Provided for years	1990–2008		1990–2008		1990–2008		2000–2008		1990–2006		1996–2008	
CO ₂	Comparison of CO ₂ from fuel combustion	Reference approach			Sectoral approach			Difference more than 2 per cent			If difference is more than 2 per cent		
		✓			✓			✓			Explanation provided ✓		
HFCs, PFCs, SF ₆	Disaggregation by species			HFCs			PFCs			SF ₆			
				✓									
	Reporting of actual and/or potential emission estimates in the category consumption of halocarbons and SF ₆			Actual	Potential	Actual	Potential	Actual	Potential	Actual	Potential	Actual	Potential
				✓						✓		✓	
Notation keys	Used in	Summary table 1.A			✓	Sectoral report tables			✓	Sectoral background data tables			✓
	Comments												

PART II																	
Provision of common reporting format tables for years reported																	
		Years											Information gaps relating to reporting ^b	Comments			
		Base year ^a	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007			2008		
Energy	Sectoral report: Table 1			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	SBDT	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table. The notation keys NA, NE are used.
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table for the years 1990–2007. For these years the notation keys NE, NA, NO are used.
Industrial processes	Sectoral reports:	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 2(I).A–G			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 2(II).C			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table for the years 2007–2008. For these years the notation keys C, NA, NE are used.	
		Table 2(II).E			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table for the years 1990–2008. For these years the notation key NA is used.	
		Table 2(II).F			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 2005–2008. For these years the notation keys NE, NA are used. For the years 1990–2004 and 2005, the notation key NE is used.
Solvent use	Sectoral report: Table 3			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table. The notation keys NA, NE are used.		
	SBDT	Table 3.A–D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table. The notation key NE is used.		

PART II																	
Provision of common reporting format tables for years reported (continued)																	
		Years											Information gaps relating to reporting ^b	Comments			
		Base year ^a	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007			2008		
Agriculture	Sectoral report: Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 4.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 4.B(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 4.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table. The notation key NA is used.	
	Table 4.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
LULUCF	Sectoral report: Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 5.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the year 1990. The notation key NA is used.	
	Table 5.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–1999. For these years the notation key NA is used.	
	Table 5.D			✓	✓	✓	✓								✓		
	Table 5.E			✓	✓										✓		
	Table 5.F																
	Table 5 (I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table. The notation key NO is used.
	Table 5 (II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5 (III)																
	Table 5 (IV)																
Table 5 (V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

PART II																
Provision of common reporting format tables for years reported (continued)																
		Years											Information gaps relating to reporting ^b	Comments		
		Base year ^a	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007			2008	
Waste	Sectoral report: Table 6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 6.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No numerical data are reported in this table. The notation key NA is used.
Summary and other tables	SBDT	Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Summary 2 (CO ₂ equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 7 (Key categories)													✓	
		Table 8(a) (Recalculation – recalculated data)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 8(b) (Recalculation – explanatory information)		✓	✓	✓	✓	✓	✓	✓	✓					
		Table 9(a) (Completeness)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		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 due 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)	✓	Comments				
Recalculation reported for years	1990–2007					
Recalculated sectors/gases	Energy	Industrial processes	Solvent and other product use	Agriculture	LULUCF	Waste
CO ₂	✓	✓				
CH ₄	✓			✓		✓
N ₂ O	✓			✓		✓
HFCs		✓				
PFCs		✓				
SF ₆		✓				
Table 8(b) (Explanatory information)		✓				
Percentage difference in aggregate greenhouse gas emissions	Base year estimate: ^a		with LULUCF: 13.56 %		without LULUCF: 9.98 %	
	Latest recalculated year: ^b		with LULUCF: 2.48 %		without LULUCF: 1.97 %	

^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.