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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 2006 as originally submitted by the Party.
2. In this report, the following abbreviations are used:

CRF: common reporting format
LUCF: Land-use Change and Forestry
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

INTRODUCTION											
General information	Date of receipt	14 April 2006									
	Format	CRF provided	<input checked="" type="checkbox"/>	NIR provided	<input type="checkbox"/>						
	Base year or period	1990			Emissions without adjustments for climate variations or electricity trade						<input checked="" type="checkbox"/>
	CRF provided for years	1990–2004									
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NO _x	CO	NMVOCs	SO ₂
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
National inventory report	Description	An NIR has not been submitted. However, Turkey submitted a document “Conceptual Framework of Emission Inventories” containing information on the CRF tables submitted, on the key category and uncertainty analyses. Turkey also submitted a set of Excel tables with results of the tier 1 key category analysis and an Excel table with results of the tier 1 uncertainty analysis.									
	Language of NIR										

^a Information on the base year in this status report does not reflect or prejudice any decision that may be taken by the Party in relation to the use of 1995 as base year for HFCs, PFCs and SF₆, in accordance with Article 3.8 of the Kyoto Protocol.

PART I Provision of information for the latest reported inventory year in the CRF: 2004							
Tables		Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
	Sectoral report tables	1 <input checked="" type="checkbox"/>	2(I) <input checked="" type="checkbox"/> 2(II) <input checked="" type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>	5 <input type="checkbox"/>	6 <input checked="" type="checkbox"/>
	Sectoral background data tables	1.A(a) <input checked="" type="checkbox"/>	2(I).A-G <input checked="" type="checkbox"/>	3.A-D <input type="checkbox"/>	4.A <input checked="" type="checkbox"/>	5.A <input type="checkbox"/>	6.A <input checked="" type="checkbox"/>
		1.A(b) <input checked="" type="checkbox"/>	2(II).C,E <input checked="" type="checkbox"/>		4.B(a) <input checked="" type="checkbox"/>	5.B <input type="checkbox"/>	6.B <input checked="" type="checkbox"/>
		1.A(c) <input checked="" type="checkbox"/>	2(II).F <input checked="" type="checkbox"/>		4.B(b) <input checked="" type="checkbox"/>	5.C <input type="checkbox"/>	6.C <input type="checkbox"/>
		1.A(d) <input checked="" type="checkbox"/>			4.C <input checked="" type="checkbox"/>	5.D <input type="checkbox"/>	
		1.B.1 <input checked="" type="checkbox"/>			4.D <input checked="" type="checkbox"/>	5.E <input type="checkbox"/>	
		1.B.2 <input checked="" type="checkbox"/>			4.E <input type="checkbox"/>	5.F <input type="checkbox"/>	
		1.C <input checked="" type="checkbox"/>			4.F <input checked="" type="checkbox"/>	5 (I) <input type="checkbox"/>	
		Bunkers separately <input type="checkbox"/>				5 (II) <input type="checkbox"/>	
				5 (III) <input type="checkbox"/>			
				5 (IV) <input type="checkbox"/>			
				5 (V) <input type="checkbox"/>			
Summary tables (emission totals)	Summary 1.A <input checked="" type="checkbox"/>	Summary 1.B <input checked="" type="checkbox"/>	Summary 2 <input checked="" type="checkbox"/>				
Other tables	Summary 3 <input checked="" type="checkbox"/>	Table 7 (Key categories) ^a <input checked="" type="checkbox"/>	Table 9(a) (Completeness) ^b <input checked="" type="checkbox"/>				
	Table 10 (Trends) <input checked="" type="checkbox"/>		Table 9(b) (Completeness) ^b <input type="checkbox"/>				
Comments	The Party has not provided the LULUCF reporting tables as required by decision 13/CP.9						
Trends	Totals provided for	CO ₂ <input checked="" type="checkbox"/>	CH ₄ <input checked="" type="checkbox"/>	N ₂ O <input checked="" type="checkbox"/>	HFCs <input checked="" type="checkbox"/>	PFCs <input type="checkbox"/>	SF ₆ <input checked="" type="checkbox"/>
	Totals provided for years	1990–2004	1990–2004	1990–2004	2000–2004		1996–2004
CO ₂	Comparison of CO ₂ from fuel combustion	Reference approach <input checked="" type="checkbox"/>	Sectoral approach <input checked="" type="checkbox"/>	Difference more than 2 per cent <input type="checkbox"/>	If difference is more than 2 per cent		Explanation provided <input type="checkbox"/>
HFCs, PFCs, SF ₆	Disaggregation by species	HFCs <input checked="" type="checkbox"/>		PFCs <input type="checkbox"/>		SF ₆	
	Reporting of actual and/or potential estimates in the consumption of halocarbons and SF ₆	Actual <input checked="" type="checkbox"/>	Potential <input type="checkbox"/>	Actual <input type="checkbox"/>	Potential <input type="checkbox"/>	Actual <input checked="" type="checkbox"/>	Potential <input checked="" type="checkbox"/>
Notation keys	Used in	Summary table 1.A <input type="checkbox"/>	Sectoral report tables <input checked="" type="checkbox"/>	Sectoral background data tables <input checked="" type="checkbox"/>			
	Comments	Use of notation keys is limited in some tables. Frequent use of "0" instead of data or notation keys.					

^a The Party used the CRF Microsoft Excel application in which table 7 (Overview) covers completeness and quality of estimates. This is not in accordance with the reporting requirements in decision 18/CP.8 (FCCC/CP/2002/7/Add.2).

^b The Party used the CRF Microsoft Excel application in which table 9 (Completeness) is one table. The Party reported table 9 (Completeness), and this is reflected in this status report by table 9(a) being ticked and table 9(b) being left blank.

PART II
Provision of CRF tables for years reported (continued)

		Years																Information gaps relating to reporting ^b	Comments		
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004				
Agriculture	Sectoral report – Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.B(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Only population size data and the nitrogen excretion are reported. For 1992 only population size data are reported.
	Table 4.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table but notation key NE is used
	Table 4.E																				
Table 4.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Land Use, Land-use Change and Forestry	Sectoral report – Table 5																				
	Table 5.A																				
	Table 5.B																				
	Table 5.C																				
	Table 5.D																				
	Table 5.E																				
	Table 5.F																				
	Table 5 (I)																				
	Table 5 (II)																				
	Table 5 (III)																				
	Table 5 (IV)																				
	Table 5 (V)																				
General comments on entire sector																					The Party has not provided the LULUCF reporting tables as required by decision 13/CP.9. It has used the LUCF reporting tables as contained in decision 3/CP.5.

PART II
Provision of CRF tables for years reported (continued)

		Years																Information gaps relating to reporting ^b	Comments	
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004			
Waste	Sectoral report – Table 6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				No data are reported in this table but notation key NE is used
	Table 6.C																			
Summary and other tables	Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary 2 (CO ₂ equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 7 (Key categories) ^c		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 8(a) (Recalculation – recalculated data)																			
	Table 8(b) (Recalculation – explanatory information)																			
	Table 9(a) (Completeness) ^d		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 9(b) (Completeness) ^d																			
	Table 10 (Trends)																	✓	✓	

^a This Party uses a base year of 1990.

^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).

^c The Party used the CRF Microsoft Excel application in which table 7 (Overview) covers completeness and quality of estimates. This is not in accordance with the reporting requirements in decision 18/CP.8 (FCCC/CP/2002/7/Add.2).

^d The Party used the CRF Microsoft Excel application in which table 9 (Completeness) is one table. The Party reported table 9 (Completeness), and this is reflected in this status report by table 9(a) being ticked and table 9(b) being left blank.

PART III
Provision of information relating to recalculation

Table 8(a) (Recalculated data)	<input type="checkbox"/>	Comments Information on recalculations is not provided				
Recalculation for years						
Recalculated sectors/gases	Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
CO ₂	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
CH ₄	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N ₂ O	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HFCs		<input type="checkbox"/>				
PFCs		<input type="checkbox"/>				
SF ₆		<input type="checkbox"/>				
Table 8(b) (Explanatory information)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Full CRF for the recalculated base year	<input type="checkbox"/>	Percentage difference in aggregate greenhouse gas base year estimate			- with LULUCF	%
					- without LULUCF	%