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Annual status report of the greenhouse gas inventory of the Netherlands

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
CO_2: carbon dioxide
CH_4: methane
N_2O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
SF_6: sulphur hexafluoride
NOx: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO_2: sulphur dioxide

INTRODUCTION											
General information	Date of receipt	**14 April 2006**									
	Format	CRF provided ☑		NIR provided ☑							
	Base year or period[a]	**1990**		Emissions without adjustments for climate variations or electricity trade ☑							
	CRF provided for years	**1990–2004**									
	Gases covered	CO_2	CH_4	N_2O	HFCs	PFCs	SF_6	NOx	CO	NMVOCs	SO_2
		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
National inventory report	Description	**The organization of the NIR follows the structure as outlined in the revised UNFCCC reporting guidelines (decision 18/CP.8). However, a table of contents was not provided.**									
	Language of NIR	**English**									

[a] Information on the base year in this status report does not reflect or prejudge any decision that may be taken by the Party in relation to the use of 1995 as base year for HFCs, PFCs and SF_6, 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

		Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
Tables	Sectoral report tables	1 ☑	2(I) ☑ 2(II) ☑	3 ☑	4 ☑	5 ☑	6 ☑
	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,E ☑		4.B(a) ☑	5.B ☑	6.B ☑
		1.A(c) ☑	2(II).F ☑		4.B(b) ☑	5.C ☑	6.C ☑
		1.A(d) ☑			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 (emission totals)	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						

		CO_2	CH_4	N_2O	HFCs	PFCs	SF_6
Trends	Totals provided for	☑	☑	☑	☑	☑	☑
	Totals provided for years	**1990–2004**	**1990–2004**	**1990–2004**	**1990–2004**	**1990–2004**	**1990–2004**

		Reference approach	Sectoral approach	Difference more than 2 per cent	If difference is more than 2 per cent
CO_2	Comparison of CO_2 from fuel combustion	☑	☑	☐	Explanation provided ☐

		HFCs		PFCs		SF_6	
HFCs, PFCs, SF_6	Disaggregation by species	☑		☑			
	Reporting of actual and/or potential estimates in the consumption of halocarbons and SF_6	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 CRF tables for years reported

			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	
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		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Industrial Processes	**Sectoral reports** –	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 2(I).A–G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).C, E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Solvent Use	**Sectoral report** – Table 3			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 3.A–D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

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		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
SBDT	Table 4.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.B(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table but notation key NO is used**
	Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in these tables but notation key NO is used**
	Table 4.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Land Use, Land-use Change and Forestry	**Sectoral report** – Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
SBDT	Table 5.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**For 2000–2004, no data re reported in this table but notation keys IE and NE are used**
	Table 5.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5 (I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table but notation keys NE and NO are used**
	Table 5 (II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table but notation keys IE and NE are used**
	Table 5 (III)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	**No data are reported in this table but notation key NE is used**
	Table 5 (IV)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 5 (V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table but notation keys NA, NE and NO are used**
	General comments on entire sector																		

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		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Waste	SBDT Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Waste	SBDT Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Waste	SBDT Table 6.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Summary and other tables	Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Summary and other tables	Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Summary and other tables	Summary 2 (CO_2 equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Summary and other tables	Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Summary and other tables	Table 7 (Key categories)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Summary and other tables	Table 8(a) (Recalculation – recalculated data)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Summary and other tables	Table 8(b) (Recalculation – explanatory information)																		
Summary and other tables	Table 9(a) (Completeness)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Summary and other tables	Table 9(b) (Completeness)																		
Summary and other tables	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).

PART III Provision of information relating to recalculation						
Table 8(a) (Recalculated data)	☑	Comments	**The Party reported its 2006 submissions using the CRF Reporter. In the 2005 submission the Party reported the LULUCF emissions/removals using the Microsoft Excel application. Thus any possible recalculations for the LULUCF are not reflected in this status report.**			
Recalculation for years	**1990–2003**					
Recalculated sectors/gases	Energy	Industrial Processes	Solvent Use	Agriculture	Land Use, Land-use Change and Forestry	Waste
CO_2	☑	☑	☑		☐	☐
CH_4	☑	☑		☑	☐	☑
N_2O	☑	☐	☑	☑	☐	☑
HFCs		☑				
PFCs		☑				
SF_6		☐				
Table 8(b) (Explanatory information)	☐	☐	☐	☐	☐	☐
Full CRF for the recalculated base year	☑	Percentage difference in aggregate greenhouse gas base year estimate			- with LULUCF - without LULUCF	**1.59%** **0.46%**