Status report for

Finland

General information

Date of receipt:	4 April 2003
Format:	CRF Provided ☑ NIR Provided ☑
Base year or period [a]:	1990	Emissions without adjustments for climate variations or electricity trade ☑
CRF provided for years:	1990-2001

Gases covered:	CO₂	CH₄	N₂O	HFCs	PFCs	SF₆	NOx	CO	NMVOCs	SO₂
	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

Gases covered: CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NOx, CO, NMVOCs, SO_2

National Inventory Report

Description: **An NIR has been submitted. Its structure follows the outline of the revised UNFCCC reporting guidelines adopted by decision 18/CP.8. The report provides information on methodologies, activity data sources and emission factors for all source categories as well as information on recalculations, uncertainties, verification and QA/QC procedures, and a detailed analysis of the trends in emissions. A key source analysis is also included, as well as assessment of the completeness of the inventory and information on planned improvements. The NIR further provides a reference to a report entitled "Greenhouse gas emissions and removals in Finland", which was part of Finland's 2001 submission, where the methodologies and calculation models, including information on uncertainty estimation and key sources (for 1999), are described in more detail.**

Language of NIR: **English**

PART I:
Provision of information for the latest reported inventory year in the CRF: 2001

Tables

	Energy	Industrial Processes	Solvent Use	Agriculture	Land-Use Change and Forestry	Waste
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[b] ☐	6.A ☑
	1.A(b) ☑	2(II).C,E ☑		4.B(a) ☑	5.B[b] ☐	6.B ☑
	1.A(c) ☑	2(II).F ☑		4.B(b) ☑	5.C[b] ☐	6.C ☑
	1.A(d) ☑			4.C ☑	5.D[b] ☑	
	1.B.1 ☑			4.D ☑		
	1.B.2 ☑			4.E ☑		
	1.C ☑	Bunkers separately ☑		4.F ☑		

Summary tables (emission totals):	Summary 1.A	☑	Summary 1.B	☑	Summary 2	☑
Other tables:	Summary 3	☑	Table 7 (Overview) [c]	☑	Table 9 (Completeness)	☑
	Table 10 (Trends)	☑	Table 11 (Checklist)	☑		
Comments:						

Trends

Totals provided for:	CO₂	CH₄	N₂O	HFCs	PFCs	SF₆
	☑	☑	☑	☑	☑	☑
Totals provided for years:	1990-2001	1990-2001	1990-2001	1990-2001	1990-2001	1990-2001

CO₂

Comparison of CO₂ from fuel combustion:	Reference approach	Sectoral (national) approach	Difference more than 2 per cent	If difference is more than 2 per cent
	☑	☑	☑	Explanation provided ☑

HFCs, PFCs, SF₆

	HFCs		PFCs		SF₆	
Disaggregation by species:	☑		☑			
Reporting of Actual and/or Potential estimates in the consumption of Halocarbons and SF₆:	Actual	Potential	Actual	Potential	Actual	Potential
	☑	☑	☑	☑	☑	☑

Notation keys

Used in:	Summary tables 1.A & 1.B ☑	Sectoral report tables ☑	Sectoral background data tables ☑
Comments:			

PART II:
Provision of information related to recalculation

Recalculation

Table 8(a) (Recalculated data):	☑	Comments:	

Recalculation for years: **1990-2000**

Recalculated sectors/gases:	Energy	Industrial Processes	Solvent Use	Agriculture	Land-Use Change and Forestry	Waste
CO₂:	☐	☐	☐	☑	☐	☐
CH₄:	☐	☐		☑	☐	☑
N₂O:	☐	☐	☐	☑	☐	☑
HFCs:		☑				
PFCs:		☑				
SF₆:		☑				
Table 8(b) (Explanatory information):	☐	☑	☐	☑	☑	☑

Full CRF for the recalculated base year:	☑	Percentage difference in aggregate GHG base year estimate	- with LUCF	0.18%
			- without LUCF	0.26%

Abbreviations
CRF: common reporting format
NIR: national inventory report

LUCF: land-use change and forestry

Note: This status report reflects the content of the inventory submission of the year 2003 as originally submitted by the Party, and any resubmission received by 28 May 2003, where appropriate.

[a] Base year refers to the year 1990, except for those Annex I Parties undergoing the process of transition to a market economy that are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4.6 of the Convention and decisions 9/CP.2 and 11/CP.4. Information on the base year in the status reports does not reflect or prejudge any decision that may be taken by Parties 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.

[b] According to the UNFCCC reporting guidelines on annual inventories (FCCC/CP/1999/7), these tables should be filled in only by Parties that use the IPCC default methodology. The development of alternative formats for these tables is awaiting the outcome of the ongoing work of the IPCC in developing good practice guidance for the land use, land-use change and forestry sector.

[c] This refers to table 7 of the CRF in the current reporting guidelines (FCCC/CP/1999/7).

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Part III: Provision of CRF tables for years reported

			Base year [a]	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Information gaps related to reporting [b]	Comments
Energy	SBDT	**Sectoral report -** Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Difference between the reference approach and the sectoral (national) approach is explained in the documentation box also for those years where it is less than 2 per cent.**
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Industrial processes	SBDT	**Sectoral reports -** Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(I). A-G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).C, E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Solvent use	SBDT	**Sectoral report -** Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 3.A-D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Agriculture	SBDT	**Sectoral report -** Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.B(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table, but notation keys (NO, NA) are used.**
		Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table, but notation keys (NO, NA) are used.**
		Table 4.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table, but notation keys (NE, 0, NA, NO) are used.**
Land-use change and forestry	SBDT	**Sectoral report -** Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.A [c]															**No information is reported in these tables. The documentation boxes are used for providing information.**
		Table 5.B [c]															
		Table 5.C [c]															
		Table 5.D [c]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Waste	SBDT	**Sectoral report -** Table 6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 6.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**No data are reported in this table, but notation key (IE) is used for the years 1990-1998. For 1999-2001 only activity data are provided in the table.**
Summary and other tables		Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Summary 2 (CO_2 equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Summary 3 (Methods/Emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 7 (Overview) [d]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Table 8(a) (Recalculation - Recalculated data)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
		Table 8(b) (Recalculation - Explanatory information)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
		Table 9 (Completeness)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 10 (Trends)													✓		
		Table 11 (Checklist)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

SBDT: Sectoral background data tables

[a] This column is only applicable for those Parties with economies in transition that use a base year other than 1990 according to 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, 0).

[c] According to the UNFCCC reporting guidelines on annual inventories (FCCC/CP/1999/7), these tables should be filled in only by Parties that use the IPCC default methodology. The development of alternative formats for these tables is awaiting the outcome of the ongoing work of the IPCC in developing good practice guidance for the land use, land-use change and forestry sector.

[d] This refers to table 7 of the CRF in the current reporting guidelines (FCCC/CP/1999/7).