|                                |   |   | S   | tatus rep      | ort for                    |             |               |            |                    |                    |                     |  |  |  |
|--------------------------------|---|---|---|----------------|----------------------------|-------------|---------------|------------|--------------------|--------------------|---------------------|--|--|--|
|                                |   |   |   | Finla          | nd                         |             |               |            |                    |                    |                     |  |  |  |
|                                | Data of submissions   | 9 April 2002  |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
| General information            |   | of submission: 9 April 2002  Format: Electronic: ✓ Hardcopy: ✓              |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
| form                           | Base year or period*:   | 1990  |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
| ral in                         | CRF provided for years:   | 1990-2000   |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
| Sene                           | Gases covered:  | CO <sub>2</sub> CH <sub>4</sub>   | N <sub>2</sub> O  | HFCs           | PFCs SF <sub>6</sub>       |             | NOx           | CO         | NMVOCs             | $SO_2$             |                     |  |  |  |
|                                |   | ✓ ✓   | V   | ✓              | V                          | ✓           | V             | ✓          | ✓                  | V                  |                     |  |  |  |
| National Inventory<br>Report   |   | inventory, informatio<br>It further provides a r<br>calculation models, inc | Report has been submitted. The report provides summary information about the organization of the national non recalculations, methods, emission factors and activity data used for the 2000 inventory for all source categorie ference to a report entitled "Greenhouse Gas Emissions and Removals in Finland" where methodologies and cluding information on uncertainty estimation and key sources (for 1999), are described in more detail, which had s part of the 2001 inventory submission. |                |                            |             |               |            |                    |                    |                     |  |  |  |
|                                |   |   |   |                | _                          |             |               |            |                    |                    |                     |  |  |  |
|                                | ī   | Provision of informat   | ion for the   | PART           |                            | torv vear   | in the CRF    | 2000       |                    |                    |                     |  |  |  |
|                                |   | TOVISION OF INFORMAT  | ion for the   | intest rep     | or ted miven               | tory year   | in the Citi   | . 2000     |                    |                    |                     |  |  |  |
|                                |   | Energy  | Industrial  | Processes      | Solve                      | nt Use      | Agric         | ulture     | Land-Use C<br>Fore | Change and<br>stry | Waste               |  |  |  |
|                                | Sectoral report tables:   | 1 🗸   | 2(I) 🗸  |                | 3 🗸                        |             | 4 🗸           |            | 5                  | ✓                  | 6 ☑                 |  |  |  |
|                                |   |   | 2(II) 🗹   |                |                            |             |               |            |                    |                    |                     |  |  |  |
|                                | Sectoral background data tables:  | 1.A(a)  | 2(I).A-G<br>2(II).C,E   |                | 3.A-D                      | ⊻           | 4.A<br>4.B(a) | ✓          | 5.A**<br>5.B**     |                    | 6.A 🗸               |  |  |  |
|                                |   | 1.A(c)  | 2(II).C,E   |                | -                          |             | 4.B(b)        |            | 5.C**              |                    | 6.C ☑               |  |  |  |
| Tables                         |   | 1.A(d) 🗹  |   |                | J                          |             | 4.C           | <b>V</b>   | 5.D** ✓            |                    |                     |  |  |  |
| Ta                             |   | 1.B.1   |   |                |                            |             | 4.D           | ✓          |                    | ''                 |                     |  |  |  |
|                                |   | 1.B.2 ☑   |   |                |                            |             | 4.E           | ✓          |                    |                    |                     |  |  |  |
|                                |   | 1.C ✓   |   |                |                            |             | 4.F           | 4.F 🗸      |                    |                    |                     |  |  |  |
|                                | •   | Summary 1A  |   | <u> </u>       | Summary 1                  |             |               | ☑          | Summary 2          | <u> </u>           |                     |  |  |  |
|                                | Other tables:   | Summary 3<br>Table 10 (Trends)  |   | <u> </u>       | Table 7 (Ov<br>Table 11 (C |             |               | ✓          | Table 9 (Cor       | inpieteness)       | ✓                   |  |  |  |
|                                | Comments:   |   |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
|                                |   |   |   | **             |                            | 0           |               | -          | p.p.               | 0                  | an.                 |  |  |  |
| Trends                         | Totals provided for:  | CO₂<br>✓  |   | H <sub>4</sub> | N <sub>2</sub> O  ☑        |             | HF            |            | PF                 |                    | SF <sub>6</sub> ☑   |  |  |  |
| Tr                             | Totals provided for years:  | 1990-2000   | 1990  | -2000          | 1990                       |             | 1990-         |            | 1990-              |                    | 1990-2000           |  |  |  |
|                                | G : (GO ( ) ) ) (   | D. C  | ,   |                | 17 2 15                    |             | Diff          | erence mor | e than             | If diffe           | erence is more than |  |  |  |
| CO2                            | Comparison of CO <sub>2</sub> from fuel combustion                                | Reference appro   | bach Sectora  |                | l (national) approach      |             | 2 per cent    |            |                    | Evalenation        | 2 per cent provided |  |  |  |
|                                |   | V   |   |                | V                          |             |               | Ш          |                    | Explanation        | provided            |  |  |  |
| Cs,                            |   |   | FCs   |                |                            |             | FCs           |            |                    | SI                 | <sup>7</sup> 6      |  |  |  |
| S, PF                          | Disaggregation by species  Reporting of Actual and/ or Potential                  |   | Potential   |                |                            |             | <b>▽</b>      | d 1        |                    | 1                  | D. C. I             |  |  |  |
| HFCs, PFCs,<br>SF <sub>6</sub> | estimates in the consumption of   | Actual 🗸  |   | entiai         | Ac                         | mai<br>✓    | Pote          | ntiai<br>V | Act                |                    | Potential   ✓       |  |  |  |
|                                | Halocarbons and SF <sub>6</sub> :   |   |   |                | '                          |             |               | <u> </u>   | V                  |                    |                     |  |  |  |
| uo                             | Used in:  | Summary tables 1A & 1   | IB  | <b>V</b>       | Sectoral rep               | ort tables  | [             | <b>▽</b>   | Sectoral bac       | kground data       | a tables            |  |  |  |
| Notation<br>keys               |   | •   |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
| 2                              | Comments:   |   |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
|                                |   |   |   | PART           | II:                        |             |               |            |                    |                    |                     |  |  |  |
|                                |   | Provi   | sion of info  | ormation r     | elated to re               | ecalculatio | n             |            |                    |                    |                     |  |  |  |
|                                | Table 8(a) (Recalculated data):   | <b>V</b>  |   | Comments       |                            |             |               |            |                    |                    |                     |  |  |  |
|                                | ***   | 1997 and 1999   |   |                | 1                          |             |               |            |                    |                    |                     |  |  |  |
|                                | Recalculated sectors/gases:   | Energy  | Industrial Processes  |                | Solvent Use                |             | Agric         | ulture     |                    | Change and         | Waste               |  |  |  |
|                                | CO <sub>2</sub> :   |   | Ilidustriai Frocesses  ✓  |                | Solvent Osc                |             | 7 Igric       |            | Fore               |                    |                     |  |  |  |
| ıtion                          | CH <sub>4</sub> :   |   |   |                |                            |             |               |            |                    | 1                  |                     |  |  |  |
| Recalculation                  | N <sub>2</sub> O:   |   |   |                |                            |             |               |            |                    | l                  |                     |  |  |  |
| Rec                            | HFCs:   |   |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
|                                | PFCs:   |   |   |                |                            |             |               |            |                    |                    |                     |  |  |  |
|                                | SF <sub>6</sub> :   |   |   |                |                            |             | _             |            |                    |                    |                     |  |  |  |
|                                | Table 8(b) (Explanatory information):<br>Full CRF for the recalculated base year: |   | <u> </u>  |                | e difference               |             | e GHG base v  |            | te - with LUC      |                    |                     |  |  |  |
|                                |   | -   | Percentage difference in aggregate GHG base year estimate - with LUCF - without LUCF  |                |                            |             |               |            |                    |                    |                     |  |  |  |

LUCF: Land-Use Change and Forestry

Note:

This status report reflects the content of the inventory submission of the year 2002 as originally submitted by the Party.

<sup>\*</sup> 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  $SF_6$  in accordance with Article 3.8 of the Kyoto Protocol.

<sup>\*\*</sup> 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.

## Status report for Finland

## Part III:

| Provision of CRF tables for years reported |      |   |                     |          |          |          |          |             |          |          |          |          |          |        |  |  |
|--|------|---|---------------------|----------|----------|----------|----------|-------------|----------|----------|----------|----------|----------|--------|--|--|
|  |      |   | Base<br>year<br>*** | 1990     |          | 1992     |          | Yea<br>1994 | 1995     |          | 1997     |          | 1999     |        | Information gaps<br>related to<br>reporting* | Comments   |
|  |      | Sectoral report - Table 1                           |                     | V        | V        | V        | V        | V           | V        | ~        | V        | V        | V        | V      |  |  |
| Energy                                     | r    | Table 1A(a) Table 1A(b)                             |                     | <i>y</i> | ~        | <i>y</i> | <i>y</i> | ~           | ~        | ν<br>ν   | ν<br>ν   | ν<br>ν   | ٧<br>٧   | ν<br>ν |  | Difference between the reference approach and the sectoral approach was explained in the documentation box also for those years where it was less than 2 per cent. |
|  | SBDT | Table 1A(c) Table 1A(d)                             |                     | ٧<br>٧   | <b>V</b> | ٧<br>٧   | <b>V</b> | ٧<br>٧      | ٧<br>٧   | V        | <b>V</b> | ٧<br>٧   | ٧<br>٧   | ٧<br>٧ |  |  |
|  |      | Table 1B1 Table 1B2                                 |                     | <i>V</i> | V        | <i>y</i> | ٧<br>٧   | ٧<br>٧      | ٧<br>٧   | <b>V</b> | <b>V</b> | ٧<br>٧   | <i>V</i> | ٧<br>٧ |  |  |
|  |      | Table 1C  |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
| Industrial<br>processes                    |      | Sectoral reports - Table 2(I) Table 2(II)           |                     | V        | V        | V        | V        | V           | V        | V        | V        | V        | V        | V      |  |  |
|  | J    | Table 2(I). A-G                                     |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
| Indu                                       | SBDT | Table 2(II).C, E                                    |                     | V        | v        | ٧<br>٧   | v        | v           | ٧<br>٧   | V        | V        | ٧<br>٧   | V        | ٧<br>٧ |  | No data were reported in this table, but notations keys (NO/C) were used.  |
|  |      | Table 2(II).F                                       |                     | V        | V        | V        | V        | V           | V        | V        | ~        | V        | , v      | V      | 1  |  |
| Ħ  |      | Sectoral report - Table 3                           | l                   | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
| Solvent                                    | SBDT | Table 3.A-D   |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
|  |      | Contoural noment Table 4                            |                     | ·        | ·        | ·        | ~        | ·           | <b>V</b> | ~        | ~        | <b>V</b> | ·        | ·      | 1  | T  |
|  |      | Sectoral report - Table 4 Table 4.A                 |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
|  |      | Table 4.B(a)  |                     | V        | ~        | ~        | ~        | ~           | ~        | V        | ~        | ~        | V        | ~      |  |  |
| Agriculture                                |      | Table 4.B(b)  |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
|  | SBDT | Table 4.C   |                     | ~        | V        | ~        | V        | V           | ~        | ~        | ~        | ~        | ~        | ~      |  | No data were reported in this table, but notation keys (NO/NA) were used.  |
|  | S    | Table 4.D   |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  | No data were reported in this table, but notation keys (NO/NA) were  |
|  |      | Table 4.E   |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  | No data were reported in this table, but notation keys (NO/NA) were used.  No data were reported in this table, but notation keys (NE/ 0/NO/NA)                    |
|  |      | Table 4.F   |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  | were used.   |
| pu   |      | Sectoral report - Table 5                           |                     | ~        | ~        | V        | ~        | ~           | ~        | V        | V        | ~        | ~        | ~      |  |  |
| ange a                                     |      | Table 5.A* *  |                     |          |          |          |          |             |          |          |          |          |          |        |  | No information reported in the table. Documentation box was used for providing information.  |
| Land-use change and<br>forestry            | SBDT | Table 5.B* *  |                     |          |          |          |          |             |          |          |          |          |          |        |  | No information reported in the table. Documentation box was used for providing information.  No information reported in the table. Documentation box was used      |
| Land-                                      |      | Table 5.C* * Table 5.D* *                           |                     | ~        | <b>V</b> | ~        | ~        | ~           | ~        | V        | ~        | ~        | _        | ~      |  | for providing information.   |
|  |      |   |                     |          |          |          |          |             |          |          |          |          |          |        | 1  | L  |
|  |      | Sectoral report - Table 6                           |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
| 63   |      | Table 6.A   |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
| Waste                                      | J    | Table 6.B   |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      | ~  |  |
| A  | SBDT | Table 6.C   |                     | ~        | ~        | ~        | ~        | ~           | •        | ~        | •        | •        | ~        | •      | V  | No data were reported in this table, but notation key (IE) was used.<br>For the years 1999 and 2000 activity data was provided.                                    |
|  | Sir  | nmary 1A  | ı                   | ~        | ·        | ·        | ~        | ·           | ~        | ~        | ~        | ~        | ~        | ~      | I  | Т  |
| Summary and other tables                   |      | nmary 1B  |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      | <del> </del>                                 |  |
|  |      | mmary 2 (CO <sub>2</sub> equivalent emissions)      |                     | ~        | ~        | ~        | ~        | ~           | ~        | V        | ~        | ~        | ~        | ~      |  |  |
|  | Sur  | mmary 3 (Methods/Emission factors)                  |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      | <u> </u>                                     |  |
|  |      | ole 7 (Overview)                                    |                     | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
|  |      | ble 8(a) (Recalculation -<br>calculated data)       |                     |          |          |          |          |             |          |          | ~        |          | ~        |        |  | Recalculations tables, covering the recalculated years (1997 and 1999 were included in the 2000 CRF.   |
|  |      | ole 8(b) (Recalculation -<br>planatory information) |                     |          |          |          |          |             |          |          | ~        |          | ~        |        |  | A recalculation explanation table, covering the recalculated years (1997 and 1999) was included in the 2000 CRF.   |
|  | Tah  | ole 9 (Completeness)                                | 1                   | ~        | ~        | ~        | ~        | ~           | ~        | ~        | ~        | ~        | ~        | ~      | 1  |  |
|  |      | ple 10 (Trends)                                     |                     |          |          |          |          |             |          |          |          |          |          | ~      | İ  |  |
|  | Tal  | ole 11 (Checklist)                                  |                     | ~        | ~        | ~        | <b>V</b> | <b>V</b>    | ~        | ~        | ~        | ~        | ~        | ~      |  |  |
| _  |      |   | _                   | _        |          |          |          |             | _        |          |          | _        | _        |        |  |  |

SBDT: Sectoral background data tables

<sup>\*</sup> This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was due to limited or lack of use of notation keys (NO, NE, NA, IE, C, 0).

\*\* 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.

<sup>\* \* \*</sup> 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.