

| Status report for   |  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
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| ESTONIA   |  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
| <b>General information</b>  | Date of submission: <b>4 January 2005; contact info: Jaan-Mati Punning, Institute of Ecology at TPU</b>  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
|   | Format: <b>Electronic: <input checked="" type="checkbox"/></b>   |   |  |   |   |  | Hardcopy: <input type="checkbox"/>                         |                                     |   |  |  |                 |   |  |
|   | Base year or period: <b>1990</b>   |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
|   | CRF provided for years: <b>2003</b>  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
|   | Gases covered:   |   | CO <sub>2</sub>  | CH <sub>4</sub>   | N <sub>2</sub> O  | HFCs   | PFCs   | SF <sub>6</sub>                     | NOx   | CO   | NM VOCs  | SO <sub>2</sub> |   |  |
|   |  | <input checked="" type="checkbox"/>                   | <input checked="" type="checkbox"/>                        | <input checked="" type="checkbox"/>                                   | <input type="checkbox"/>  | <input type="checkbox"/>                                 | <input type="checkbox"/>                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>           | <input checked="" type="checkbox"/>                        | <input checked="" type="checkbox"/>                      |                 |   |  |
| <b>National Inventory Report</b>  | Description: <b>National Inventory Report provided including general information on the inventory, sector and source specific information, energy balance and emission trends.</b> |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
|   | Language: <b>English</b>   |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
| PART I:<br>Provision of information for the latest reported inventory year in the CRF: 2003 |  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
| <b>Tables</b>   | Sectoral report tables:  |   | Energy   |   | Industrial Processes  |  | Solvent and other Product Use                              |                                     | Agriculture                                   |  | Land-Use Change and Forestry                             |                 | Waste                                   |  |
|   |  |   | 1 <input checked="" type="checkbox"/>                      |   | 2(I) <input checked="" type="checkbox"/><br>2(II) <input checked="" type="checkbox"/> |  | 3 <input type="checkbox"/>                                 |                                     | 4 <input checked="" type="checkbox"/>         |  | 5 <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>                 |                 | 6.C <input type="checkbox"/>            |  |
|   |  |   | 1.A(d) <input checked="" type="checkbox"/>                 |   |   |  |  |                                     | 4.C <input checked="" type="checkbox"/>       |  | 5.D* <input checked="" type="checkbox"/>                 |                 |   |  |
|   |  |   | 1.B.1 <input checked="" type="checkbox"/>                  |   |   |  |  |                                     | 4.D <input checked="" type="checkbox"/>       |  |  |                 |   |  |
|   |  |   | 1.B.2 <input checked="" type="checkbox"/>                  |   |   |  | 4.E <input checked="" type="checkbox"/>                    |                                     |   |  |  |                 |   |  |
|   | 1.C <input checked="" type="checkbox"/>  |   |  |   | 4.F <input checked="" type="checkbox"/>   |  |  |                                     |   |  |  |                 |   |  |
|   | Summary tables (emission totals):  |   | Summary 1A <input checked="" type="checkbox"/>             |   |   |  | Summary 1B <input checked="" type="checkbox"/>             |                                     |   |  | Summary 2 <input checked="" type="checkbox"/>            |                 |   |  |
| Other tables:   |  | Summary 3 <input checked="" type="checkbox"/>         |  |   |   | Table 7 (Overview) <input checked="" type="checkbox"/>   |  |                                     |   | Table 9 (Completeness) <input checked="" type="checkbox"/> |  |                 |   |  |
|   |  | Table 10 (Trends) <input checked="" type="checkbox"/> |  |   |   | Table 11 (Checklist) <input checked="" type="checkbox"/> |  |                                     |   |  |  |                 |   |  |
| Comments:   |  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
| <b>Trends</b>   | Totals provided for:   |   | CO <sub>2</sub>  |   | CH <sub>4</sub>   |  | N <sub>2</sub> O   |                                     | HFCs  |  | PFCs   |                 | SF <sub>6</sub>                         |  |
|   |  |   | <input checked="" type="checkbox"/>                        |   | <input checked="" type="checkbox"/>   |  | <input checked="" type="checkbox"/>                        |                                     | <input type="checkbox"/>                      |  | <input type="checkbox"/>                                 |                 | <input type="checkbox"/>                |  |
| Totals provided for years:  |  | 90 - 03   |  | 90 - 03   |   | 90 - 03  |  |                                     |   |  |  |                 |   |  |
| <b>CO<sub>2</sub></b>   | Comparison of CO <sub>2</sub> from fuel combustion:  |   | Reference approach   |   | Sectoral (national) approach  |  | Difference more than 2 per cent                            |                                     | If difference is more than 2 per cent         |  |  |                 |   |  |
|   |  |   | <input checked="" type="checkbox"/>                        |   | <input checked="" type="checkbox"/>   |  | <input checked="" type="checkbox"/>                        |                                     | Explanation provided <input type="checkbox"/> |  |  |                 |   |  |
| <b>HFCs, PFCs, SF<sub>6</sub></b>   |  |   | HFCs   |   | PFCs  |  | SF <sub>6</sub>  |                                     |   |  |  |                 |   |  |
|   | Disaggregation by species:   |   | <input type="checkbox"/>                                   |   | <input type="checkbox"/>  |  |  |                                     |   |  |  |                 |   |  |
|   | Reporting of Actual and/or Potential estimates in the consumption of Halocarbons and SF <sub>6</sub> :   |   | Actual   | Potential   | Actual  | Potential  | Actual   | Potential                           | Actual  | Potential  |  |                 |   |  |
|   |  | <input type="checkbox"/>                              | <input type="checkbox"/>                                   | <input type="checkbox"/>  | <input type="checkbox"/>  | <input type="checkbox"/>                                 | <input type="checkbox"/>                                   | <input type="checkbox"/>            | <input type="checkbox"/>                      |  |  |                 |   |  |
| <b>Indicators</b>   | Used in:   |   | Summary tables 1A & 1B <input checked="" type="checkbox"/> |   |   |  | Sectoral report tables <input checked="" type="checkbox"/> |                                     |   |  | Sectoral background data tables <input type="checkbox"/> |                 |   |  |
|   | Comments:  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
| PART II:<br>Provision of information related to recalculation                               |  |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
| <b>Recalculation</b>  | Table 8(a) (Recalculated data):  |   | <input type="checkbox"/>                                   |   | Comments:   |  |  |                                     |   |  |  |                 |   |  |
|   | Recalculation for years:   |   |  |   |   |  |  |                                     |   |  |  |                 |   |  |
|   | Recalculated sectors/gases:  |   | Energy   |   | Industrial Processes  |  | Solvent and other Product Use                              |                                     | Agriculture                                   |  | Land-Use Change and Forestry                             |                 | Waste                                   |  |
|   | CO <sub>2</sub> :  |   | <input type="checkbox"/>                                   |   | <input type="checkbox"/>  |  | <input type="checkbox"/>                                   |                                     | <input type="checkbox"/>                      |  | <input checked="" type="checkbox"/>                      |                 | <input type="checkbox"/>                |  |
|   | CH <sub>4</sub> :  |   | <input type="checkbox"/>                                   |   | <input type="checkbox"/>  |  | <input type="checkbox"/>                                   |                                     | <input type="checkbox"/>                      |  | <input type="checkbox"/>                                 |                 | <input type="checkbox"/>                |  |
|   | N <sub>2</sub> 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 <sub>6</sub> :  |   |  |   | <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 GHG base year estimate - with LUCF |   |  |  |                                     |   |  |  |                 |   |  |
|   |  |   |  | - without LUCF  |   |  |  |                                     |   |  |  |                 |   |  |

LUCF: Land-use change and forestry

\* 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.

**Status report for  
ESTONIA**

**Part III:  
Provision of CRF tables for years reported**

|  |  | Years        |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Information gaps<br>related to<br>reporting* | Comments                     |
|--|--|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|------------------------------|
|  |  | Base<br>year | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |  |                              |
| Energy                                 | Sectoral report - Table 1                            |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1A(a)  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1A(b)  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1A(c)  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1A(d)  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1B1  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1B2  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 1C   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
| Industrial<br>Processes                | Sectoral reports - Table 2(I)                        |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 2(II)  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 2(I). A-G                                      |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 2(II).C, E                                     |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 2(II).F  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
| Solvent<br>and other<br>Product<br>Use | Sectoral report - Table 3                            |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 3.A-D  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | Includes only notation keys. |
| Agriculture                            | Sectoral report - Table 4                            |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.A  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.B(a)   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.B(b)   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.C  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.D  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.E  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 4.F  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
| Land-Use<br>Change and<br>Forestry     | Sectoral report - Table 5                            |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 5.A* *   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 5.B* *   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 5.C* *   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 5.D* *   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
| Waste                                  | Sectoral report - Table 6                            |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 6.A  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 6.B  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 6.C  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
| Summary and other tables               | Summary 1A   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Summary 1B   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Summary 2 (CO <sub>2</sub> equivalent emissions)     |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Summary 3 (Methods/Emission factors)                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 7 (Overview)                                   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 8(a) (Recalculation - Recalculated data)       |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |                              |
|  | Table 8(b) (Recalculation - Explanatory information) |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |                              |
|  | Table 9 (Completeness)                               |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |
|  | Table 10 (Trends)                                    | ü            | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü    | ü  | ü                            |
|  | Table 11 (Checklist)                                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ü  | ü                            |

**SBDT:** Sectoral background data tables

\* This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. In most cases this was due to lack of use of indicators (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.

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| <p align="center"><b>Status report for</b><br/><b>ESTONIA</b></p> |
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| <p align="center"><b>Part IV:</b><br/><b>Provision of LULUCF tables for years reported</b></p> |
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|                              |                           | Years        |      |      |      |      |      |      |      |      |      |      |      |      |      | Information gaps<br>related to<br>reporting* | Comments |
|------------------------------|---------------------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------|
|                              |                           | Base<br>year | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003   |          |
| Land-Use Change and Forestry | Sectoral report - Table 5 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | SBDT                      |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5.A                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5.B                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5.C                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5.D                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5.E                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5.F                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | SBDT                      |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5(I)                |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5(II)               |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5(III)              |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5(IV)               |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 5(V)                |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Summary and other tables  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Summary 1.A               |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Summary 2                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Summary 3                 |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 7                   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 9                   |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |
|                              | Table 10                  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |  |          |

SBDT: Sectoral background data tables

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