



## Annual status report of the greenhouse gas inventory of Lithuania

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<sub>2</sub>: carbon dioxide  
CH<sub>4</sub>: methane  
N<sub>2</sub>O: nitrous oxide  
HFCs: hydrofluorocarbons  
PFCs: perfluorocarbons  
SF<sub>6</sub>: sulphur hexafluoride  
NO<sub>x</sub>: nitrogen oxides  
CO: carbon monoxide  
NMVOCs: non-methane volatile organic  
compounds  
SO<sub>2</sub>: sulphur dioxide

| INTRODUCTION              |                                  |   |  |                                     |                                     |                                     |                                     |                                     |   |                                     |                                     |
|---------------------------|----------------------------------|---|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|
| General information       | Date of receipt                  | 15 April 2006, NIR 30 May 2006  |  |                                     |                                     |                                     |                                     |                                     |   |                                     |                                     |
|                           | Format                           | CRF provided <input checked="" type="checkbox"/>  | NIR provided <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |                                     |   |                                     |                                     |
|                           | Base year or period <sup>a</sup> | 1990  |  |                                     |                                     |                                     |                                     |                                     | Emissions without adjustments for climate variations or electricity trade <input checked="" type="checkbox"/> |                                     |                                     |
|                           | CRF provided for years           | 2004  |  |                                     |                                     |                                     |                                     |                                     |   |                                     |                                     |
|                           | Gases covered                    | CO <sub>2</sub>   | CH <sub>4</sub>                                  | N <sub>2</sub> O                    | HFCs                                | PFCs                                | SF <sub>6</sub>                     | NO <sub>x</sub>                     | CO  | NMVOCs                              | SO <sub>2</sub>                     |
|                           |                                  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" 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                      | <p>The organization of the NIR, in general, follows the structure as outlined in the revised UNFCCC reporting guidelines (decision 18/CP.8). However, the executive summary and most of the chapters have been restructured and the chapter on recalculations and improvements has not been provided. Most of the recommended annexes such as detailed discussion of methodology and data for estimating CO<sub>2</sub> emissions from fossil fuel combustion, CO<sub>2</sub> reference approach and comparison with sectoral approach, assessment of completeness and sources and sinks of GHG emissions and removals excluded, and tables 6.1 and 6.2 of the IPCC <i>Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories</i> are not provided.</p> |  |                                     |                                     |                                     |                                     |                                     |   |                                     |                                     |
|                           | Language of NIR                  | English   |  |                                     |                                     |                                     |                                     |                                     |   |                                     |                                     |

<sup>a</sup> 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 SF<sub>6</sub>, 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"/><br>2(II) <input checked="" type="checkbox"/> | 3 <input checked="" 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 checked="" 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 type="checkbox"/>  |   | 4.B(b) <input checked="" type="checkbox"/>    | 5.C <input checked="" type="checkbox"/>    | 6.C <input checked="" 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"/>       | 5.E <input checked="" type="checkbox"/>    |  |
|  |  | 1.B.2 <input checked="" type="checkbox"/>                    |   |   | 4.E <input checked="" type="checkbox"/>       | 5.F <input checked="" type="checkbox"/>    |  |
|  |  | 1.C <input checked="" type="checkbox"/>                      |   |   | 4.F <input checked="" type="checkbox"/>       | 5 (I) <input checked="" type="checkbox"/>  |  |
|  |  | Bunkers separately <input checked="" type="checkbox"/>       |   |   |   | 5 (II) <input checked="" type="checkbox"/> |  |
|  |  |  |   |   | 5 (III) <input checked="" type="checkbox"/>   |  |  |
|  |  |  |   | 5 (IV) <input checked="" type="checkbox"/>                          |   |  |  |
|  |  |  |   | 5 (V) <input checked="" 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) <input checked="" type="checkbox"/> | Table 9(a) (Completeness) <input checked="" type="checkbox"/>                         |   |   |  |  |
|  | Table 10 (Trends) <input type="checkbox"/>   |  | Table 9(b) (Completeness) <input type="checkbox"/>                                    |   |   |  |  |
| Comments   |  |  |   |   |   |  |  |
| Trends   | Totals provided for  | CO <sub>2</sub> <input type="checkbox"/>                     | CH <sub>4</sub> <input type="checkbox"/>  | N <sub>2</sub> O <input type="checkbox"/>                           | HFCs <input type="checkbox"/>                 | PFCs <input type="checkbox"/>              | SF <sub>6</sub> <input type="checkbox"/> |
|  | Totals provided for years  |  |   |   |   |  |  |
| CO <sub>2</sub>  | Comparison of CO <sub>2</sub> from fuel combustion   | Reference approach <input checked="" type="checkbox"/>       | Sectoral approach <input checked="" type="checkbox"/>                                 | Difference more than 2 per cent <input checked="" type="checkbox"/> | If difference is more than 2 per cent         |  |  |
|  |  |  |   |   | Explanation provided <input type="checkbox"/> |  |  |
| HFCs, PFCs, SF <sub>6</sub>  | Disaggregation by species  | HFCs <input checked="" type="checkbox"/>                     |   | PFCs <input type="checkbox"/>                                       |   | SF <sub>6</sub>                            |  |
|  |  |  |   |   |   |  |  |
|  | Reporting of actual and/or potential estimates in the consumption of halocarbons and SF <sub>6</sub> | Actual <input type="checkbox"/>                              | Potential <input checked="" type="checkbox"/>   | Actual <input type="checkbox"/>                                     | Potential <input type="checkbox"/>            | Actual <input type="checkbox"/>            | Potential <input type="checkbox"/>       |
| Notation keys  | Used in  | Summary table 1.A <input checked="" type="checkbox"/>        | Sectoral report tables <input checked="" type="checkbox"/>                            | Sectoral background data tables <input checked="" type="checkbox"/> |   |  |  |
|  | Comments   |  |   |   |   |  |  |

**PART II**  
**Provision of CRF tables for years reported**

|                             |                                  | Years                         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Information gaps relating to reporting <sup>b</sup> | Comments   |
|-----------------------------|----------------------------------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|--|
|                             |                                  | Base year <sup>a</sup>        | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |   |  |
| <b>Energy</b>               | <b>Sectoral report – Table 1</b> |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    | ✓   |  |
|                             | SBDT                             | Table 1.A(a)                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   |  |
|                             | Table 1.A(b)                     |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    | ✓   |  |
|                             | Table 1.A(c)                     |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    | ✓   |  |
|                             | Table 1.A(d)                     |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   |  |
|                             | Table 1.B.1                      |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   | No data are reported in this table but notation key NO is used |
|                             | Table 1.B.2                      |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    | ✓   |  |
|                             | Table 1.C                        |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   |  |
| <b>Industrial Processes</b> | SBDT                             | Sectoral reports – Table 2(I) |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    | ✓   |  |
|                             | Table 2(II)                      |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   |  |
|                             | Table 2(I).A–G                   |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   |  |
|                             | Table 2(II).C, E                 |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   | No data are reported in this table but notation key NO is used |
|                             | Table 2(II).F                    |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |
| <b>Solvent Use</b>          | SBDT                             | Sectoral report – Table 3     |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   | No data are reported in this table but notation key NE is used |
|                             | Table 3.A–D                      |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   | No data are reported in this table but notation key NE is used |

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

|   |             | Years                            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Information gaps relating to reporting <sup>b</sup>                         | Comments  |   |  |
|---|-------------|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|---|---|--|
|   |             | Base year <sup>a</sup>           | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |   |   |   |  |
| <b>Agriculture</b>                            | <b>SBDT</b> | <b>Sectoral report – Table 4</b> |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   | ✓   |   |  |
|   |             | 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 this table but notation key NO is used |
| Table 4.F                                     |             |                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |   | No data are reported in this table but notation keys NA and NO are used |   |  |
| <b>Land Use, Land-use Change and Forestry</b> | <b>SBDT</b> | <b>Sectoral report – Table 5</b> |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   | ✓   |   |  |
|   |             | Table 5.A                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   | ✓   |   |  |
|   |             | Table 5.B                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   | ✓   |   |  |
|   |             | Table 5.C                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   | ✓   |   |  |
|   |             | Table 5.D                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   |   |  |
|   |             | Table 5.E                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   |   |  |
|   |             | Table 5.F                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   |   |  |
|   |             | Table 5 (I)                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   | No data are reported in these tables but notation key NE is used        |  |
|   |             | Table 5 (II)                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   |   |  |
|   |             | Table 5 (III)                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   | No data are reported in this table but notation keys NA and NE are used |  |
|   |             | Table 5 (IV)                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓   |   | No data are reported in this table but notation key NE is used          |  |
| Table 5 (V)                                   |             |                                  |      |      |      |      |      |      |      |      |      |      |      |      |      | ✓    |      | No data are reported in this table but notation keys NA, NO and NE are used |   |   |  |
| General comments on entire sector             |             |                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |   |   |  |

| PART II<br>Provision of CRF tables for years reported (continued) |  |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |          |  |
|---|--|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|---|----------|--|
|   |  | Years                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | Information gaps relating to reporting <sup>b</sup> | Comments |  |
|   |  | Base year <sup>a</sup> | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |  |   |          |  |
| Waste   | Sectoral report – Table 6                            |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   |          |  |
|   | SBDT   | Table 6.A              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   | ✓        |  |
|   |  | Table 6.B              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   | ✓        |  |
|   |  | Table 6.C              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   | ✓        |  |
| Summary and other tables  | Summary 1.A  |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   | ✓        |  |
|   | Summary 1.B  |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   | ✓        |  |
|   | Summary 2 (CO <sub>2</sub> equivalent emissions)     |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   | ✓        |  |
|   | Summary 3 (Methods/emission factors)                 |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   | ✓        |  |
|   | Table 7 (Key categories)                             |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   |          |  |
|   | Table 8(a) (Recalculation – recalculated data)       |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |          |  |
|   | Table 8(b) (Recalculation – explanatory information) |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |          |  |
|   | Table 9(a) (Completeness)                            |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | ✓   | ✓        |  |
|   | Table 9(b) (Completeness)                            |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |          |  |
|   | Table 10 (Trends)                                    |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |          |  |

<sup>a</sup> This Party uses a base year of 1990.

<sup>b</sup> 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)          | <input type="checkbox"/> | Comments <b>Information on recalculations is not provided</b>        |                          |                          |  |                          |
| Recalculation for years                 |                          |  |                          |                          |  |                          |
| Recalculated sectors/gases              | Energy                   | Industrial Processes   | Solvent Use              | Agriculture              | Land Use, Land-use Change and Forestry | Waste                    |
| CO <sub>2</sub>                         | <input type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/> |                          | <input type="checkbox"/>               | <input type="checkbox"/> |
| CH <sub>4</sub>                         | <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 greenhouse gas base year estimate |                          |                          | - with LULUCF                          | %                        |
|   |                          |  |                          |                          | - without LULUCF                       | %                        |