

| EMEP Emission Reporting Programme: Status report for                             |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|--|-------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|------------|-------------------------------------|-------|-----------|---|-------------------|--------------------------|--|--|
| CZECH REPUBLIC   |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| General information  | Date of submission:     |                                     | 21 April 2005                                   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  | Reporting obligation:   |                                     | CLRTAP: <input checked="" type="checkbox"/>     |                                     |                                     |                                     |            |                                     |       |           | NEC Directive: <input type="checkbox"/> |                   |                          |  |  |
|  | Format:                 |                                     | Electronic: <input checked="" type="checkbox"/> |                                     |                                     |                                     |            |                                     |       |           | Hardcopy: <input type="checkbox"/>      |                   |                          |  |  |
|  | NFR provided for years: |                                     | 2003  |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  | Gases covered:          |                                     | Main pollutants                                 |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         |                                     | SO <sub>2</sub>                                 | NO <sub>x</sub>                     | NH <sub>3</sub>                     | NMVOCs                              | CO         |                                     |       |           |   |                   |                          |  |  |
|  |                         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Particulate matter                  |   |                                     | Heavy metals                        |                                     |            | Additional heavy metals             |       |           | POPs                                    |                   |                          |  |  |
|  |                         | <input checked="" type="checkbox"/> |   |                                     | <input checked="" type="checkbox"/> |                                     |            | <input checked="" type="checkbox"/> |       |           | <input checked="" type="checkbox"/>     |                   |                          |  |  |
|  |                         | Comments:                           |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| National inventory Report  | Description:            |                                     | No NIR has been provided.                       |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  | Language:               |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| PART I:<br>Yearly minimum and additional reporting                               |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| A. Sector emissions  | Table 1A                | 1. Main pollutants                  |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | SO <sub>2</sub>                     | NO <sub>x</sub>                                 | NH <sub>3</sub>                     | NMVOCs                              | CO                                  |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  | 03                                  | 03                                  |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | 2. Particulate matter               |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | PM <sub>2.5</sub>                   | PM <sub>10</sub>                                | TSP                                 |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  | Table 1B                | 3. Heavy metals                     |   |                                     | Additional heavy metals             |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Pb                                  | Cd  | Hg                                  | As                                  | Cr                                  | Cu         | Ni                                  | Se    | Zn        |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  | 03                                  | 03                                  | 03         | 03                                  | 03    | 03        |   |                   |                          |  |  |
|  |                         | 4. POPs                             |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| Aldrin   |                         | Chlordane                           | Chlordecone                                     | DDT                                 | Dieldrin                            | Endrin                              | Heptachlor | HCB                                 | Mirex | Toxaphene | HCH                                     | Hexabromobiphenyl |                          |  |  |
|  |                         |                                     |   |                                     |                                     |                                     | 03         |                                     |       |           |   |                   |                          |  |  |
|  |                         | PCBs                                | PCDD/F  | PAHs                                | Additional information:             |                                     |            | SCCP                                | PCP   |           |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Comments:                           |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| B. National totals   | Table 1A                | 1. Main pollutants                  |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | SO <sub>2</sub>                     | NO <sub>x</sub>                                 | NH <sub>3</sub>                     | NMVOCs                              | CO                                  |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  | 03                                  | 03                                  |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | 2. Particulate matter               |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | PM <sub>2.5</sub>                   | PM <sub>10</sub>                                | TSP                                 |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  | Table 1B                | 3. Heavy metals                     |   |                                     | Additional heavy metals             |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Pb                                  | Cd  | Hg                                  | As                                  | Cr                                  | Cu         | Ni                                  | Se    | Zn        |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  | 03                                  | 03                                  | 03         | 03                                  | 03    | 03        |   |                   |                          |  |  |
|  |                         | 4. POPs                             |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| Aldrin   |                         | Chlordane                           | Chlordecone                                     | DDT                                 | Dieldrin                            | Endrin                              | Heptachlor | HCB                                 | Mirex | Toxaphene | HCH                                     | Hexabromobiphenyl |                          |  |  |
|  |                         |                                     |   |                                     |                                     |                                     | 03         |                                     |       |           |   |                   |                          |  |  |
|  |                         | PCBs                                | PCDD/F  | PAHs                                | Additional information:             |                                     |            | SCCP                                | PCP   |           |   |                   |                          |  |  |
|  |                         | 03                                  | 03  | 03                                  |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Comments:                           |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| PART II:<br>5-yearly minimum reporting   |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| C. Gridded data in the EMEP 50x50 km <sup>2</sup> grid                           |                         | National totals                     |   |                                     |                                     | Sector emissions                    |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Table 3A <input type="checkbox"/>   |   |                                     |                                     | Table 3B <input type="checkbox"/>   |            |                                     |       |           |   |                   |                          |  |  |
| D. Emissions from large point sources  |                         | Table 3C <input type="checkbox"/>   |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| E. Historical and Projected activity data and projected national total emissions |                         | National total emissions            |   |                                     |                                     | Energy consumption                  |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Table 2A <input type="checkbox"/>   |   |                                     |                                     | Table 2B <input type="checkbox"/>   |            |                                     |       |           |   |                   |                          |  |  |
|  |                         |                                     |   |                                     |                                     | Table 2C <input type="checkbox"/>   |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Energy consumption for transport    |   |                                     |                                     | Agricultural activity               |            |                                     |       |           |   |                   |                          |  |  |
|  |                         | Table 2D <input type="checkbox"/>   |   |                                     |                                     | Table 2E <input type="checkbox"/>   |            |                                     |       |           |   |                   |                          |  |  |
| PART III:<br>5-yearly additional reporting/for review and assessment purposes    |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   |                          |  |  |
| VOC speciation / Height distribution / Temporal distribution                     |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   | <input type="checkbox"/> |  |  |
| % of toxic congeners of PCDD/F emissions   |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   | <input type="checkbox"/> |  |  |
| Pre-1990 emissions of PAHs, HCB, PCDD/F and PCB                                  |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   | <input type="checkbox"/> |  |  |
| Information on natural emissions   |                         |                                     |   |                                     |                                     |                                     |            |                                     |       |           |   |                   | <input type="checkbox"/> |  |  |

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**Part IV:  
Provision of NFR tables for years reported**

|          | Years |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      | Information gaps<br>related to<br>reporting* | Comments |      |
|----------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|--|----------|------|
|          | 80    | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 2010 | 2015 |  |          | 2020 |
| Table 1A |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Ü  |      |      |  | Ü        |      |
| Table 1B |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Ü  |      |      |  | Ü        |      |
| Table 2A |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 2B |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 2C |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 2D |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 2E |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 3A |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 3B |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| Table 3C |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |

\* This column indicates that reporting gaps (blank cells) have been identified in a given table of the NFR. In most cases this was due to lack of use of indicators (NO, NE, NA, IE, C, 0).