

| EMEP Emission Reporting Programme: Status report for                                  |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|---|-------------------------|--|---|-------------------------------------|-------------------------------------|--|--------|--------------------------|-----|-------|---|-----|--------------------|--|
| MACEDONIA   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| <b>General information</b>  | Date of submission:     |  | 13 February 2006                                |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | 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: |  | 2004  |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | 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 type="checkbox"/>            |  |        | <input type="checkbox"/> |     |       | <input type="checkbox"/>                |     |                    |  |
|   |                         | Comments:                                    |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| <b>National Inventory Report</b>  | Description:            |  | No NIR has been provided.                       |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | Language:               |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| PART I:<br>Yearly minimum and additional reporting                                    |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| <b>A. Sector emissions</b>  | Table 1A                | 1. Main pollutants                           |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | SO <sub>2</sub>                              | NO <sub>x</sub>                                 | NH <sub>3</sub>                     | NMVOCS                              | CO   |        |                          |     |       |   |     |                    |  |
|   |                         | 04   | 04  | 04                                  | 04                                  | 04   |        |                          |     |       |   |     |                    |  |
|   |                         | 2. Particulate matter                        |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | PM <sub>2.5</sub>                            | PM <sub>10</sub>                                | TSP                                 |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         |  |   | 04                                  |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | 3. Heavy metals                              |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | Pb                      | Cd   | Hg  | As                                  | Cr                                  | Cu   | Ni     | Se                       | Zn  |       |   |     |                    |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | Table 1B                | 4. POPs                                      |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | Aldrin                                       | Chlordane                                       | Chlordecone                         | DDT                                 | Dieldrin                                     | Endrin | Heptachlor               | HCB | Mirex | Toxaphene                               | HCH | Hexabromo biphenyl |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | PCBs   | PCDD/F  | PAHs                                | Additional information              |  |        | SCCP                     | PCP |       |   |     |                    |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| Comments:   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| <b>B. National totals</b>   | Table 1A                | 1. Main pollutants                           |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | SO <sub>2</sub>                              | NO <sub>x</sub>                                 | NH <sub>3</sub>                     | NMVOCS                              | CO   |        |                          |     |       |   |     |                    |  |
|   |                         | 04   | 04  | 04                                  | 04                                  | 04   |        |                          |     |       |   |     |                    |  |
|   |                         | 2. Particulate matter                        |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | PM <sub>2.5</sub>                            | PM <sub>10</sub>                                | TSP                                 |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         |  |   | 04                                  |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | 3. Heavy metals                              |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | Pb                      | Cd   | Hg  | As                                  | Cr                                  | Cu   | Ni     | Se                       | Zn  |       |   |     |                    |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   | Table 1B                | 4. POPs                                      |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | Aldrin                                       | Chlordane                                       | Chlordecone                         | DDT                                 | Dieldrin                                     | Endrin | Heptachlor               | HCB | Mirex | Toxaphene                               | HCH | Hexabromo biphenyl |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
|   |                         | PCBs   | PCDD/F  | PAHs                                | Additional information              |  |        | SCCP                     | PCP |       |   |     |                    |  |
|   |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| 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 checked="" 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 checked="" type="checkbox"/> |        |                          |     |       |   |     |                    |  |
|   |                         |  |   |                                     |                                     | Table 2C <input checked="" type="checkbox"/> |        |                          |     |       |   |     |                    |  |
|   |                         | Energy consumption for transport             |   |                                     |                                     | Agricultural activity                        |        |                          |     |       |   |     |                    |  |
|   |                         | Table 2D <input checked="" type="checkbox"/> |   |                                     |                                     | Table 2E <input checked="" type="checkbox"/> |        |                          |     |       |   |     |                    |  |
|   |                         | Comments:                                    |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |
| 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"/>                             |                         |  |   |                                     |                                     |  |        |                          |     |       |   |     |                    |  |

**EMEP Emission Reporting Programme: Status report for  
MACEDONIA**

**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 | 04 | 2010 | 2015 |  |          |
| Table 1A |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | ✓  |      |      |  |          |
| Table 1B |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | ✓  |      |      |  |          |
| 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).