

| EMEP Emission Reporting Programme: Status report for                             |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|--|-------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--------|--------------------------|-----|-------|--|-----|--------------------------|--|--|
| IRELAND  |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
| General information  | Date of submission:     |                                     | 3 February 2005; contact info: Mr. Paul Duffy, Environmental Protection Agency, Dublin  |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  | Reporting obligation:   |                                     | CLRTAP: <input type="checkbox"/>  |                                     |                                     |                                     |        |                          |     |       | NEC Directive: <input checked="" type="checkbox"/> |     |                          |  |  |
|  | Format:                 |                                     | Electronic: <input checked="" type="checkbox"/>   |                                     |                                     |                                     |        |                          |     |       | Hardcopy: <input type="checkbox"/>                 |     |                          |  |  |
|  | NFR provided for years: |                                     | 2002 - 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 type="checkbox"/>            |   |                                     | <input type="checkbox"/>            |                                     |        | <input type="checkbox"/> |     |       | <input type="checkbox"/>                           |     |                          |  |  |
|  |                         | Comments:                           |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
| National inventory Report  | Description:            |                                     | Discussion paper provided: Strategy to reduce emissions of transboundary pollution by 2010 to comply with national emission ceilings. |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  | Language:               |                                     | English   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
| 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                                  |        |                          |     |       |  |     |                          |  |  |
|  |                         | 02 - 03                             | 02 - 03   | 02 - 03                             | 02 - 03                             | 02 - 03                             |        |                          |     |       |  |     |                          |  |  |
|  |                         | 2. Particulate matter               |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | PM <sub>2.5</sub>                   | PM <sub>10</sub>  | TSP                                 |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  | Table 1B                | 3. Heavy metals                     |   |                                     | Additional heavy metals             |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | Pb                                  | Cd  | Hg                                  | As                                  | Cr                                  | Cu     | Ni                       | Se  | Zn    |  |     |                          |  |  |
|  |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | 4. POPs                             |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | Aldrin                              | Chlordane   | Chlordecone                         | DDT                                 | Dieldrin                            | Endrin | Heptachlor               | HCB | Mirex | Toxaphene  | HCH | Hexabromobiphenyl        |  |  |
|  |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  | PCBs                    | PCDD/F                              | PAHs  | Additional information:             |                                     |                                     | SCCP   | PCP                      |     |       |  |     |                          |  |  |
|  |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | Comments:                           |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
| B. National totals   | Table 1A                | 1. Main pollutants                  |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | SO <sub>2</sub>                     | NO <sub>x</sub>   | NH <sub>3</sub>                     | NMVOCs                              | CO                                  |        |                          |     |       |  |     |                          |  |  |
|  |                         | 02 - 03                             | 02 - 03   | 02 - 03                             | 02 - 03                             | 02 - 03                             |        |                          |     |       |  |     |                          |  |  |
|  |                         | 2. Particulate matter               |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | PM <sub>2.5</sub>                   | PM <sub>10</sub>  | TSP                                 |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  | Table 1B                | 3. Heavy metals                     |   |                                     | Additional heavy metals             |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | Pb                                  | Cd  | Hg                                  | As                                  | Cr                                  | Cu     | Ni                       | Se  | Zn    |  |     |                          |  |  |
|  |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | 4. POPs                             |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  |                         | Aldrin                              | Chlordane   | Chlordecone                         | DDT                                 | Dieldrin                            | Endrin | Heptachlor               | HCB | Mirex | Toxaphene  | HCH | Hexabromobiphenyl        |  |  |
|  |                         |                                     |   |                                     |                                     |                                     |        |                          |     |       |  |     |                          |  |  |
|  | 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 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 |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
|          |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |  |          |      |
| 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).