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Item 8 of the provisional agenda

**DRAFT OUTLINE AND QUESTIONNAIRE FOR THE 2002 REVIEW**

Note prepared by the secretariat

Introduction

1. The present note contains a draft questionnaire (annex I) and proposals for disseminating information from, and publishing the results of, the 2002 major review of strategies and policies for air pollution abatement of Parties in the UNECE region. The questionnaire was completely revised in 1999 to reflect more directly the obligations of Parties under the protocols that are in force and the progress made towards implementing the Protocols on Heavy Metals (HMs) and Persistent Organic Pollutants (POPs). The draft questionnaire for 2002 remains the same as it was in 2000 for questions 1-49 (sections 1-6) concerning the protocols to the Convention. A new section 7 has been added (questions 50-58) relating to the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone. In addition, questions 59-71 (section 8) have been further elaborated based on recommendations submitted by a consultant from the Netherlands.

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2. The 2002 major review will cover the obligations under the 1985 Protocol on the Reduction of Sulphur Emissions or their Transboundary Fluxes by at least 30 per cent, the 1988 Protocol concerning the Control of Emissions of Nitrogen Oxides or their Transboundary Fluxes, the 1991 Protocol concerning the Control of Emissions of Volatile Organic Compounds or their Transboundary Fluxes and the 1994 Protocol on Further Reduction of Sulphur Emissions. It will also assess progress made in implementing the 1998 Protocol on Persistent Organic Pollutants, the 1998 Protocol on Heavy Metals and the 1999 Protocol to Abate Acidification, Eutrophication and Ground-level Ozone, even though these are not yet in force.

3. The draft questionnaire is submitted to the Executive Body for approval at its nineteenth session. The questionnaire was reviewed by the Implementation Committee at its eighth meeting in September 2001 and incorporates its suggestions. As noted above, the questionnaire covers, for the first time, the 1999 Gothenburg Protocol, although questions are optional for all Signatories since the Protocol is not yet in force. The proposal to amend questions 59-71 (general information) submitted to the secretariat by a consultant from the Netherlands aims to provide a more effective approach to gathering comparable information from Parties.

4. The secretariat will circulate the questionnaire as modified and approved by the Executive Body to all Parties to the Convention by 31 January 2002. Moreover, as requested by the Executive Body, the possibility for the questionnaire to be Internet-based is being explored (see below).

#### **I. MANDATE FOR INTERNET-BASED QUESTIONNAIRE**

5. The Executive Body, at its eighteenth session, requested the secretariat to commence work on the preparation of criteria and guidelines in view of the 2002 questionnaire that would be linked to a communication/information strategy. These proposals would be reported to the Working Group on Strategies and Review at its thirty-third session in September 2001 (ECE/EB.AIR/71, para. 16 (f)).

6. The open-ended group of experts, established at the eighteenth session of the Executive Body to draft elements for a communications strategy for the Convention, agreed that an important goal would be to improve the accessibility and usefulness of the strategies and policies review (EB.AIR/WG.5/2001/3).

7. Moreover, a related goal would be to make better use of the Internet and other electronic means for sharing information generated by the Convention. To these ends, the group agreed to (a) solicit the assistance of Parties to develop software to facilitate processing of the strategies and

policies review, questionnaire and replies and (b) modify and update the Convention's web site to ensure that it was as user-friendly as possible.

8. In this connection, the Executive Body may wish to endorse the proposal of the secretariat, in possible collaboration with Parties, to develop an Internet-based questionnaire for the 2002 review. An Internet application of the questionnaire would allow Parties to access the questions via the Convention's web page, and to submit completed questionnaires by electronic mail. Questionnaires on diskette or hard-copy would continue to be made available for Parties that preferred them.

9. The secretariat would propose to encourage Parties to limit the length of replies, possibly electronically, to ensure that responses were well-focused and provided the most relevant information. Parties will be encouraged to consult document EB.AIR/2000/1, together with its addenda and corrigenda, the summaries of replies to the 2000 questionnaire. This will facilitate the updating and revision of information previously submitted, and will avoid a duplication of work. These documents, as well as the original replies submitted by Parties, are available on the Internet home page of the Convention.

## **II. REPORTING AND DISSEMINATION OF INFORMATION**

10. In the previous review (2000), as noted above, replies received from Parties were made available on the home page of the Convention and could be accessed by Parties via the Internet. A summarized version of the replies was made available in three languages as official documents. Instead of producing a major publication, as was done for the 1998 Review, the Executive Body had expressed a wish for an extended summary of the report, suitable for the public, to be published, given the necessary resources (ECE/EB.AIR/71, para.16 (d)). The Executive Summary was prepared on the basis of Parties' replies, emissions data reported and other information for submission to the Executive Body at its nineteenth session.

11. At its eighteenth session, the Executive Body noted the difficulties encountered summarizing the large volume of information resulting from the modified questionnaire. The Executive Body agreed that the structure of the report (which mirrored that of the questionnaire) would be useful for the Implementation Committee, but did not lend itself to good communication with stakeholders and the public (ECE/EB.AIR/71, para. 15). Given the length of the proposed questionnaire in the present document (annex I), the volume of information, as well as the level of detail in replies, might be expected to increase. Moreover, the group of experts charged with developing elements for a communication strategy for the Convention emphasized the importance

of presenting the results of the questionnaire in a manner considered attractive to the outside world, including the media, the research and scientific community and to Parties themselves.

12. Taking the above into consideration, the secretariat proposes to:

(a) Make replies from Parties available on the Internet in the language in which they are submitted and in English, in particular for consideration by the Implementation Committee, but also for access by Parties and the public;

(b) Produce a draft report (see annex II) providing a summary of the most important information from Parties, to be submitted to the Executive Body at its twentieth session;

(c) Compile information on emissions, critical loads, etc. provided by the EMEP Steering Body and the Working Group on Effects; and

(d) Publish a report (major review for 2002), based on (b) and (c) above, to be made available to the Executive Body on its twenty-first session.

13. A proposed outline for the publication of a major review in 2002 is included in annex II. The Executive Body may wish to give its input on the contents and format of the publication, while allowing flexibility to the secretariat on its final presentation. The publication would be expected to be available at the twenty-first session of the Executive Body in December 2003.

### III. TIME SCHEDULE

14. The tentative schedule for the preparation of the 2002 major review is:

**December 2001:** Approval of the outline by the Executive Body at its nineteenth session;

**January 2002:** Questionnaires sent to Governments requesting submission of information;

**31 March 2002: Deadline for submission of replies to questionnaire;**

**April-June 2002:** Preparation of a draft review by the secretariat as a working document. If necessary, further request to Parties for clarification;

**July/August 2002:** Consideration of the draft document by the Implementation Committee;

**December 2002:** Approval and derestriction for publication by the Executive Body at its twentieth session.

Annex I

**QUESTIONNAIRE FOR THE 2002 REVIEW**

1. At its nineteenth session, the Executive Body amended and adopted the new outline and questionnaire (EB.AIR/2001/2) for the 2002 Review. The 2002 review has two objectives. One is to provide an overview of air pollution abatement in the ECE region. The other is to provide, together with emission data received, a basis for the Implementation Committee to review compliance of Parties, as a whole and individually, with their obligations under the protocols to the Convention on Long-range Transboundary Air Pollution.
2. The questionnaire is tailored to the particular situation of each Party, since not all obligations apply to all Parties. Consequently, notes appear throughout the questionnaire indicating whether or not a question applies to a specific Party.
3. A Party to a protocol is obliged to respond to questions relating to specific obligations under that protocol. The secretariat may have to bring any failure to do so to the attention of the Implementation Committee and eventually the Executive Body.
4. The review process is in a transition phase. Both the outline and the questionnaire were revised to reflect more directly the obligations of Parties under the protocols currently in force and to provide an overview of progress made with respect to the obligations under the protocols that are not yet in force.
5. The questionnaire will be provided on a diskette, and Parties are encouraged to return their responses on the diskette or by e-mail. The questionnaire makes many references to specific articles and annexes to the protocols. The full text of the Convention and its protocols can be found on the UNECE website: [www.unece.org](http://www.unece.org). **In addition, the questionnaire may be made available on the Internet, allowing electronic access and dissemination of results.**
6. The questionnaire will be sent to Parties by 31 January 2002. Responses from Parties to the Convention should reach the secretariat by **31 March 2002**.
7. This questionnaire addresses reporting on, for instance, technology requirements, limit values and policies. It does not cover emission data. Emission data are reported on a yearly basis through a separate questionnaire under the EMEP programme. However, the results of the EMEP questionnaire will be incorporated in the 2002 review report.

8. There are eight sections in the questionnaire. Sections 1 to 7 cover questions directly related to the protocols, excluding the EMEP Protocol. Each section contains questions related to the mandatory reporting requirements of one protocol. As the Protocols on Heavy Metals and on POPs and the Gothenbourg Protocol are not yet in force, the questions in sections five, six and seven are optional. Section eight contains general questions and is also optional.

<b>COUNTRY CONTACT</b>
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**Q.0** Provide below the name, address, phone and fax number, and e-mail address of the contact person who could help the ECE secretariat should it have specific questions concerning the answers provided by your country.

**PARTY:** \_\_\_\_\_

<b>Name:</b> _____
<b>Address:</b> _____
_____
_____
_____
<b>Telephone:</b> _____
<b>Fax:</b> _____
<b>E-mail:</b> _____

Information provided here will be put on file and used for the next review. In future and if the Executive Body at its nineteenth session agrees, the questionnaire will be sent both to the Heads of Delegation to the Executive Body and to the country contact on the secretariat's list. The Executive Body will ask the Heads of Delegation to ensure that a single national report is submitted to the secretariat by **31 March 2002**.

### **Parties to the 1979 Convention on Long-range Transboundary Air Pollution**

Armenia, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Slovakia, Slovenia, Spain, Sweden, Switzerland, the former Yugoslav Republic of Macedonia, Turkey, Ukraine, United Kingdom, United States, Yugoslavia, European Community.

## **SECTION 1. THE 1985 SULPHUR PROTOCOL**

**Question 1 below is mandatory for the Parties to the 1985 Sulphur Protocol.**

**Parties:** Austria, Belarus, Belgium, Bulgaria, Canada, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, Russian Federation, Slovakia, Sweden, Switzerland, Ukraine.

**Q.1** As required by article 6 of the Protocol, provide information on your country's national strategies, policies and programmes that specifically address the reduction of sulphur emissions. You may wish to refer to your answer to question 18 in section 4 below.



## SECTION 2. THE 1988 NITROGEN OXIDES PROTOCOL

**Questions 2 to 8 are mandatory for the Parties to the Nitrogen Oxides Protocol, unless otherwise stated.**

**Parties:** Austria, Belarus, Belgium, Bulgaria, Canada, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, Russian Federation, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, United States, and European Community.

The articles and annexes mentioned in this section refer to articles of the 1988 Nitrogen Oxides Protocol and its annexes.

**Q.2** Provide information, as required by article 8, paragraph 1, on national strategies, policies and programmes developed in accordance with article 7 that specifically address the control and reduction of emissions of nitrogen oxides or their transboundary fluxes, including progress achieved under them and any changes made to them.

**Q.3** Provide information, as required by article 8, paragraph 1 (b), and article 2, paragraph 2 (a), on progress made in applying national emission standards to the new and substantially modified stationary sources. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account its technical annex and article 1 (Definitions). For each source category, state the national emission standards applied or to be applied, the units and statistical treatment, and the pollution control measures applied. For standards to be applied, please indicate when they will come into effect. You are encouraged to use the table format suggested below.

Source category	National emission standards	Units & statistical treatment 1/	Pollution control measures applied 2/

1/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

2/ Use the technical annex to the Nitrogen Oxides Protocol relating to best available technologies (BAT) as a reference.

**Q.4** Provide information, as required by article 8, paragraph 1 (b), and article 2, paragraph 2 (b), on the progress made in applying national emission standards to new mobile sources. In your

reply, list the new mobile source categories in your country that are considered to be major source categories under the Protocol, taking into consideration its technical annex and article 1 (definitions). For each category, state the standards applied or to be applied, the units and statistical treatment, and the pollution control measures applied. For standards to be applied, please indicate when they will come into effect. You are encouraged to use the table format suggested below.

Mobile source category	National emission standards	Units & statistical treatment 1/	Pollution control measures applied 2/

1/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

2/ Take into account the technical annex to the Protocol.

**Q.5** Provide information, as required by article 8, paragraph 1 (c), and article 2, paragraph 2 (c), on progress made in introducing pollution control measures for the existing sources in the major stationary source categories, including measures introduced or to be introduced, taking into account the technical annex to the Protocol. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account its technical annex and article 1 (Definitions) and the measures applied to each source category. For planned measures, please indicate the year they will be introduced.

**Q.6** Provide information, as required by article 8, paragraph 1 (d), on progress made in making unleaded petrol available. Has your country phased out the use of leaded petrol for on-road vehicles?

Yes \_\_\_\_\_ No \_\_\_\_\_

If not, when do you expect to phase out leaded petrol?

If not, please also report on the availability of unleaded petrol, in particular along the main international transit routes, and the percentage of total sales in terms of mass or volume of leaded and unleaded petrol.

**Q.7** Provide information, as required by article 8, paragraph 1 (e), on measures taken to facilitate the exchange of technology related to the reduction and control of emissions of nitrogen oxides.

**Q.8** Provide information, as required by article 8, paragraph 1 (f), on progress made in establishing critical loads. Have you provided critical loads data to the UNECE Working Group on Effects as part of its Mapping Programme?

### SECTION 3. THE 1991 VOC PROTOCOL

**Questions 9 to 17 are mandatory for the Parties to the 1991 VOC Protocol, unless otherwise stated.**

**Parties:** Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Liechtenstein, Luxembourg, Monaco, Netherlands, Norway, Slovakia, Spain, Sweden, Switzerland, United Kingdom.

The articles and annexes mentioned in this section refer to articles of the 1991 VOC Protocol and its annexes.

**Note:** Question 9 applies only to Parties that have chosen article 2, paragraph 2 (a). **The Parties that have chosen 1988 as their base year are:** Austria, Belgium, Estonia, Finland, France, Germany, Netherlands, Spain, Sweden, and United Kingdom. **Parties that have chosen article 2, paragraph 2 (a), but another year as their base year are:** Czech Republic (1990), Denmark (1985), Italy (1990), Liechtenstein (1984), Luxembourg (1990) Monaco (1990) and Switzerland (1984). It is probable that non-Parties (except those listed under 9bis and 9ter) will choose this option when they ratify the VOC Protocol. They may, therefore, wish to respond to question 9.

**Q.9** Provide information, as required by article 8, paragraph 1, on national strategies, policies and programmes developed in accordance with article 7 that specifically address the control and reduction of VOC emissions or their transboundary fluxes, including progress achieved under them and any changes made to them. Article 2, paragraph 2 (a), requires effective measures to be taken to reduce the national annual VOC emissions by at least 30 per cent by the year 1999, using the 1988 level as a basis. If your country has specified another year upon signature or accession, use that year as a basis.

**Note:** This option (question 9 bis) applies to **Norway**, which is a Party, and to **Canada**, which is a non-Party. Norway specified the 1989 level as its basis and Canada chose 1988.

**Q.9(bis)** Provide information, as required by article 8, paragraph 1, on national strategies, policies and programmes developed in accordance with article 7 that specifically address the control and reduction of VOC emissions or their transboundary fluxes, including progress

achieved under them and any changes made to them. Article 2, paragraph 2 (b), requires measures to be taken to reduce annual VOC emissions in the TOMA (as described in annex I) by at least 30 per cent by the year 1999, using the 1988 level (or 1989 as the case may be) as a basis.

**Note:** This option (question 9 ter) applies to **Bulgaria** and **Hungary**, which are Parties, and to and **Greece**, which is a non-Party.

**Q.9(ter)** Provide information, as required by article 8, paragraph 1, on national strategies, policies and programmes developed in accordance with article 7 that specifically address the control and reduction of VOC emissions or their transboundary fluxes, including progress achieved under them and any changes made to them. Article 2, paragraph 2 (c), requires effective measures to be taken to ensure that by 1999 the national annual VOC emissions do not exceed their 1988 level.

**Q.10** Provide information, as required by article 8, paragraph 2 (b), and article 2, paragraph 3 (a) (i), on the application of appropriate national or international emission standards to control and reduce VOC emissions from new sources. In your reply, list the source categories in your country that are considered to be new stationary source categories under the Protocol, taking into account its annex II and article 1 (Definitions). For each source category, state the emission standards applied or to be applied, the units and statistical treatment, and the pollution control measures required for the new sources, taking into account annex II to the Protocol. For standards to be applied, please indicate when they will come into effect. You are encouraged to use the table format suggested below.

Source category	Emission standards	Units & statistical treatment 1/	Pollution control measures applied 2/

1/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

2/ Refer to annex II to the VOC Protocol for the control techniques.

**Q.11** Provide information, as required by article 8, paragraph 2 (b), and article 2, paragraph 3 (b) (i), on progress made in applying measures to control and reduce VOC emissions from the existing stationary sources. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account its annex II and article 1 (Definitions). For each source category, state the techniques/technologies applied or to be applied, taking into account annex II to the Protocol. For the technologies to be applied, please state the year they will be applied.

**Q.12** Provide information, as required by article 8, paragraph 2 (b), and article 2, paragraph 3 (b) (ii), on progress made in introducing techniques to reduce VOC emissions from petrol distribution and motor vehicle refuelling operations and to reduce the volatility of petrol, taking into account annexes II and III to the Protocol.

**Q.13** Provide information, as required by article 8, paragraph 2 (b), and article 2, paragraph 3 (a) (iii), on the application of appropriate national or international emission standards for new mobile sources based on best available techniques. Your reply should list the mobile source categories and state the standards applied and the control techniques or programmes used for each category, taking into account annex III to the Protocol. You are encouraged to use the table format suggested below.

Mobile source category	Standard applied	Units & statistical treatment 1/	Pollution control measures applied 2/

1/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

2/ Refer to annex III to the Protocol relating to control techniques.

**Q.14** Provide information, as required by article 8, paragraph 2 (b), and under article 2, paragraph 3 (a) (iv), on the measures taken to foster public participation in emission control programmes such as public announcements, encouraging the best use of all modes of transport and the promotion of traffic management schemes.

**Q.15** Provide information, as required by article 8, paragraph 2 (b), and article 2, paragraph 3 (a) (ii), on the application of national or international measures to products that contain solvents and the promotion of the use of products that are low in or do not contain VOCs (e.g. the labelling of products specifying their VOC content), taking into account annex II to the Protocol.

**Q.16** Provide information, as required by article 8, paragraph 2 (c), on measures taken to facilitate the exchange of technology related to the reduction and control of VOC emissions.

**Q.17** As required by article 2, paragraph 5, article 8, paragraph 1, and article 7, in implementing the present Protocol, and in particular any product substitution measures, Parties are required to take appropriate steps to ensure that toxic and carcinogenic VOCs, and those that harm the stratospheric ozone layer, are not substituted for other VOCs. Please describe the measures taken to that effect.

## SECTION 4. THE 1994 SULPHUR PROTOCOL

**Questions 18 to 27 are mandatory for the Parties to the 1994 Sulphur Protocol, unless otherwise stated.**

**Parties:** Austria, Belgium, Canada, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, and European Community.

The articles and annexes mentioned in this section refer to articles of the 1994 Sulphur Protocol and its annexes.

**Q.18** Report, as required by article 5, paragraph 1 (a), on national strategies, policies, programmes and measures, referred to in article 4, paragraph 1, that specifically address the control and reduction of sulphur emissions.

**Q.19** In particular, provide information on the steps taken to implement obligations under article 2, paragraph 4, such as measures taken to reduce sulphur emissions from new and existing sources, including:

- Measures to increase energy efficiency;
- Measures to increase the use of renewable energy;
- Measures to reduce the sulphur content of particular fuels and to encourage the use of fuel with a low sulphur content, including the combined use of high-sulphur with low-sulphur or sulphur-free fuel; and
- Measures to apply best available control technologies,

using the guidance in annex IV to the Protocol. When responding to the part concerning fuels, you may wish to take question 64, section 8 into account.

**Note:** According to article 2, paragraph 5, questions 20 to 23 do not apply to the Parties to the United States/Canada Air Quality Agreement of 1991.

**Q.20** As required by article 5, paragraph 1, and article 2, paragraph 5 (a), report on progress made in your country in applying emission limit values at least as stringent as those specified in annex V to the Protocol to the major new stationary combustion sources, stating the source category, the technologies applied and whether similar or more stringent values than those in annex V were applied.

**Q.21** As required by article 5, paragraph 1, and article 2, paragraph 5 (b), report on progress made in your country in applying emission limit values such as those specified in annex V to existing stationary combustion sources with a thermal input above 500 MW<sub>th</sub>, stating the source category, the technologies applied and whether similar or more stringent values than those in annex V were applied. If other equivalent limitations or other appropriate provisions were taken to achieve the sulphur emissions ceilings specified in annex II to the Protocol, please describe those.

**Q.22** As required by article 5, paragraph 1, and article 2, paragraph 5 (b), report on progress made in your country in applying emission limit values or emission limitations to the major existing stationary combustion sources whose thermal input is between 50 and 500 MW<sub>th</sub>, stating the source category, the technologies applied and whether similar or more stringent values than those in annex V were applied.

**Q.23** As required by article 5, paragraph 1, and article 2, paragraph 5 (c), report on progress made in applying national standards for the sulphur content of gas oil which are at least as stringent as those specified in annex V to the Protocol.

**Q.24** As required by article 5, paragraph 1, and article 2, paragraph 6, report on any economic instruments that you may have applied to encourage the adoption of cost-effective approaches to the reduction of sulphur emissions.

**Q.25** Provide information, as required by article 5, paragraph 1 (c), and article 3, paragraph 1, on measures taken to facilitate the exchange of technologies and techniques, including those that increase energy efficiency, the use of renewable energy and the processing of low-sulphur fuels, to reduce sulphur emissions.

**Q.26** Provide information, as required by article 5, paragraph 1 (c), and article 3, paragraphs 2 and 3, on procedures established to create more favourable conditions for the exchange of technology to reduce sulphur emissions.

**Q.27** Provide information, as required by article 5, paragraph 1 (c), and article 6, on activities undertaken with a view to encouraging research, development, monitoring and cooperation related to this Protocol.

**SECTION 5. THE 1998 PROTOCOL ON  
HEAVY METALS (HMs)**

**The Protocol on Heavy Metals is not yet in force.**

**Consequently, all the questions in this section are optional.**

**Signatories:** Armenia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, United States, and European Community.

The articles and annexes mentioned in this section refer to articles of the 1998 Protocol on Heavy Metals and its annexes.

**Q.28** Provide information, as required by article 7, on the national strategies, policies and programmes developed in accordance with article 5, paragraph 1, to implement the Protocol and control and reduce emissions of the heavy metals listed in annex I to the Protocol. You may wish to include information on measures such as those listed in article 5, paragraph 2. If applicable, please include information on measures taken for other heavy metals, not listed in annex I.

**Q.29** Provide information, as required by article 3, paragraph 1, on measures taken to reduce emissions of the heavy metals listed in annex I from their level in the reference year set in accordance with that annex. Please indicate the reference year for each metal.

**Q.30** Report, as required by article 3, paragraph 2 (c), on progress made towards applying best available techniques to existing stationary sources. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account its article 1 (Definitions) and annex II. For each source category state the



control techniques applied using annex III to the Protocol as guidance. A Party may, as an alternative, have applied different emission reduction strategies that achieve equivalent overall emission reductions. Should this be the case, please describe the strategies and any progress made.

**Q.31** Report, as required by article 3, paragraph 2 (d), on progress made towards applying the limit values specified in annex V to existing stationary sources. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account its article 1 (Definitions) and annex II. For each source category, state the limit values applied or to be applied, the units and statistical treatment, and the pollution control measures applied. For limit values to be applied, please indicate when they will come into effect. You are encouraged to use the table format suggested below. A Party may, as an alternative, have applied different emission reduction strategies that achieve equivalent overall emission reductions. Should this be the case, please describe the strategies and any progress made.

Source category	Limit values 1/	Units & statistical treatment 2/	Pollution control measures applied 3/

1/ Refer to the limit values specified in annex V to the Protocol.

2/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

3/ Refer to annex III to the Protocol concerning control techniques.

**Q.32** Provide information, as required by article 3, paragraph 3, on the application of product control measures in accordance with the conditions specified in annex VI. You may wish to refer to your answer to question 6 in section 2 concerning unleaded petrol.

**Q.33** If applicable and as suggested in article 3, paragraph 4, describe briefly additional product management measures currently being applied and future measures being considered, taking into account annex VII to the Protocol.

**Q.34** Provide information, as required by article 4, paragraph 1, on measures taken to facilitate the exchange of technologies and techniques designed to reduce emissions of heavy metals, including but not limited to exchanges that encourage the development of product management measures and the application of best available techniques.

**Q.35** Provide information, as required by article 4, paragraph 2, on procedures established to create more favourable conditions to promote the exchange of technologies, such as facilitating contacts and cooperation.

**Q.36** Provide information on activities undertaken with a view to encouraging research, development, monitoring and cooperation related to this Protocol, taking into account article 6.

**SECTION 6. THE 1998 PROTOCOL ON  
PERSISTENT ORGANIC POLLUTANTS (POPs)**

**The Protocol on Persistent Organic Pollutants is not yet in force.**

**Consequently, all the questions in this section are optional.**

**Signatories:** Armenia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, United States, and European Community.

The articles and annexes mentioned in this section refer to articles of the 1998 Protocol on Persistent Organic Pollutants and its annexes.

**Q.37** Provide information, as required by article 9, on the national strategies, policies and programmes developed in accordance with article 7, paragraph 1, to implement the Protocol on POPs to control, reduce or eliminate discharges, emissions and losses of persistent organic pollutants. Please include information on measures such as those listed in article 7, paragraph 2. If applicable or relevant, include a description of measures taken for other POPs not yet listed in this Protocol.

**Note:** When answering questions 38 to 42, please take into account article 3, paragraph 4, and article 4 (Exemptions). Whenever article 4 applies, explain the exemption and specify the paragraph of article 4 to which it refers.

- Q.38** Provide information, as required by article 3, paragraph 1 (a), on measures taken to eliminate the production and use of substances listed in annex I.
- Q.39** Provide information, as required by article 3, paragraph 1 (b) (i), on measures taken to ensure that the destruction or disposal of substances listed in annex I is undertaken in an environmentally sound manner, taking into consideration relevant subregional, regional and global regimes governing the management of hazardous waste, in particular the Basel Convention.
- Q.40** Provide information, as required by article 3, paragraph 1 (b) (ii), on measures taken to endeavour to ensure that the disposal of substances listed in annex I is carried out domestically.
- Q.41** Provide information, as required by article 3, paragraph 1 (b) (iii), on measures taken to ensure that the transboundary movement of substances listed in annex I is conducted in an environmentally sound manner, taking into consideration applicable subregional, regional and global regimes governing the transboundary movement of hazardous waste, in particular the Basel Convention.
- Q.42** Provide information, as required by article 3, paragraph 1 (c), on measures taken to restrict the substances listed in annex II to the uses described.
- Q.43** Please report, as required by article 3, paragraph 3, on progress made to develop strategies for identifying articles still in use and wastes containing substances listed in annex I, II or III to the Protocol. Also provide information on measures taken or to be taken to ensure that such wastes and such articles, upon becoming wastes, are destroyed or disposed of in an environmentally sound manner.
- Q.44** Report, as required by article 3, paragraphs 5 (b) (iii) and (iv), on progress made towards applying best available techniques (BAT), taking into consideration annex V, and limit values as stringent as those specified in annex IV to existing stationary sources. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account its article 1 (Definitions) and annexes V and VIII. For each source category, state the limit values applied or to be applied, the units and statistical treatment, and the pollution control measures applied. For limit values to be applied, please indicate when they will come into effect. You may wish to use the table format suggested below to respond. A Party may, as an alternative, apply different emission reduction strategies that achieve equivalent overall emission reductions. Should this be the case, please describe the strategies and any progress made. When answering this question, you should also consider article 3, paragraph 6, of the Protocol.

Source category	Limit values 1/	Units & statistical treatment 2/	Pollution control measures applied 3/

1/ Refer to limit values specified in annex IV to the protocol.

2/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

3/ Refer to annex V to the Protocol concerning control techniques.

**Q.45** Describe, as required by article 3, paragraph 5 (b) (v), the measures taken or to be taken to control emissions from mobile sources, taking into account annex VII to the Protocol.

**Q.46** Provide information, as required by article 3, paragraph 8, relating to the production and sales of substances listed in annexes I and II to the Protocol. You are encouraged to use the table format below.

Substance	Production	Sales

**Q.47** Provide information, as required by article 5, on measures taken to create favourable conditions to facilitate the exchange of technologies and techniques designed to reduce the generation and emission of persistent organic pollutants.

**Q.48** Report, as required by article 6, on measures taken to promote the provision of information to the general public, such as information on labelling, risk assessment and hazard, risk reduction, elimination of POPs or a reduction in their use and alternatives to POPs.

**Q.49** Provide information on activities undertaken with a view to encouraging research, development, monitoring and cooperation related to this Protocol, taking into account article 8.

**SECTION 7. THE 1999 PROTOCOL TO ABATE  
ACIDIFICATION, EUTROPHICATION AND  
GROUND-LEVEL OZONE**

**The 1999 Protocol to Abate Acidification, Eutrophication and Ground-level  
Ozone is not yet in force.**

**Consequently, all the questions in this section are optional.**

**Signatories:** Armenia, Austria, Belgium, Bulgaria, Canada, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Liechtenstein, Luxembourg, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom and United States.

The articles and annexes mentioned in this section refer to articles of the 1999 Protocol to Abate Acidification, Eutrophication and Ground-Level Ozone and its annexes.

**Q. 50** Provide information, as required by article 7, on the national strategies, policies and programmes developed in accordance with article 3, paragraph 1, and article 6, to implement the Gothenburg Protocol to control, reduce and maintain emissions of sulphur, nitrogen oxides, ammonia and volatile organic compounds in accordance with the ceiling and timescales specified in annex II to the Protocol. Please include information on measures such as those listed in article 6, paragraph 1.

**Q. 51** Provide information, as required by article 3, paragraph 2, on progress made in applying limit values specified in annexes IV, V and VI to each new stationary source within a stationary source category as identified in those annexes, no later than the timescales specified in annex VII. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account article 1 (Definitions) and annexes IV, V and VI. For limit values to be applied, please indicate when they will come into effect. You are encouraged to use the table format below. A Party may, as an alternative, have applied different emission reduction strategies that achieve equivalent overall emission levels for all source categories together. Should this be the case, please describe the strategies and any progress made.

Source category	Limit values 1/	Units & statistical treatment 2/	Pollution control measures applied

1/ Refer to limit values specified in annexes IV, V, and VI to the Protocol.

2/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

**Q. 52** Provide information, as required by article 3, paragraph 3, on progress made in applying limit values specified in annexes IV, V and VI to each existing stationary source within a stationary source category as identified in those annexes, no later than the timescales specified in annex VII. In your reply, list the source categories in your country that are considered to be major stationary source categories under the Protocol, taking into account article 1 (Definitions) and annexes IV, V and VI. For limit values to be applied, please indicate when they will come into effect. You are encouraged to use the table format below. A Party may, as an alternative, have applied different emission reduction strategies that achieve equivalent overall emission levels for all source categories together or, for Parties outside the geographical scope of EMEP, that are necessary to achieve national or regional goals for acidification abatement and to meet national air quality standards. Should this be the case, please describe the strategies and any progress made.

Source category	Limit values 1/	Units & statistical treatment 2/	Pollution control measures applied

1/ Refer to limit values specified in annexes IV, V, and VI to the Protocol.

2/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

**Q. 53** Provide information, as required by article 3, paragraph 5, on progress made in applying limit values for the fuels and new mobile sources identified in annex VIII, according to the timescales specified in annex VII. For limit values to be applied, please indicate when they will come into effect. You are encouraged to use the table format suggested below.

Source category	Limit values 1/	Units & statistical treatment 2/	Pollution control measures applied

1/ Refer to limit values specified in annex VIII to the Protocol.

2/ The statistical treatment can be a percentile (e.g. 95 percentile), a daily average, a monthly average, etc.

**Q. 54** Provide information, as required by article 3, paragraph 6, on progress made towards applying best available techniques (BAT) to mobile sources and to each new or existing stationary source, taking into account guidance documents I to V adopted by the Executive Body at its seventeenth session (decision 1999/1) and any amendments thereto.

**Q. 55** Provide information, as required by article 3, paragraph 7, on measures taken to reduce emissions of volatile organic compounds associated with the use of products not included in annex VI or VIII to the Protocol.

**Q. 56** Provide information, as required by article 3, paragraph 8 (a), on progress made in applying, as a minimum, the ammonia control measures specified in annex IX, and, as required by article 3, paragraph 8 (b), on progress made in applying, where appropriate, best available techniques for preventing and reducing ammonia emissions, as listed in guidance document V adopted by the Executive Body at its seventeenth session (decision 1999/1) and any amendments thereto.

**Q.57** Provide information, as required by article 4, paragraph 1, on measures taken to create favourable conditions to facilitate the exchange of information, technologies and techniques designed to reduce emissions of sulphur, nitrogen oxides, ammonia and volatile organic compounds, by promoting activities cited in subparagraphs (a) – (d). Specify, in accordance with article 4, paragraph 2, measures taken to create favourable conditions for the facilitation of contacts and cooperation among appropriate organizations and individuals in the private and public sectors that are capable of providing technology, design and engineering services, equipment or finance.

**Q. 58** Report, as required by article 5, paragraph 1, on measures taken to promote the provision of information to the general public, such as information cited in subparagraphs (a) - (d). Report, as required by article 5, paragraph 2, on measures taken to make information widely available to the public with a view to minimizing emissions, such as information cited in subparagraphs (a) – (f).

## SECTION 8. GENERAL INFORMATION

### The questions in this section are of a general nature and optional.

Their purpose is to provide further information that will enable the secretariat to analyse the current situation regarding air pollution abatement in the region, and to provide information that the Executive Body would like the Parties to the Convention to share to intensify air pollution abatement. These questions have been modified since the previous (2000) questionnaire.

### INTEGRATING POLICIES

**Q.59** An increasing integration of decision-making in some key sectors that determine the levels of pollution can be considered as a means of strengthening preventive and control measures. Parties are invited to provide a brief summary of the most important measures in these policy areas that aim to, inter alia, reduce the air pollution burden covered by the Convention and its protocols. To this end, they may wish to answer the following questions.

**Q. 60.a.** Is environmental policy integrated into the strategies and planning of other policies?

**60.a.1.** Yes, for transport\*, energy\*, industry\*, agriculture\*, waste management\*, finance\*. (\*Delete if not applicable, otherwise give details of the policy integration, including the most important measures, under 60.a.3 below.)

**60.a.2.** No. (If integration of policies is planned for the near future, please give the expected date of completion and further details under 60.a.3 below.)

**60.a.3.** Provide details on the integration of policies. In doing so, Parties may wish to give brief information (showing status, i.e. obligatory (law) or non-obligatory) with respect to, for instance, national integrated policy programmes; national legislation on integration; EU legislation/programmes; promotion of shifts in mode of transport; energy management; 'greening' the taxation system (introducing the promotion of sustainable economic development as an objective of the taxation system). Show present and planned activities separately.

1. Transport .....
2. Energy ..... (information on energy consumption should be reported under question 61)
3. Industry .....
4. Agriculture .....
5. Waste management .....



6. Finance (e.g. 'greening' the taxation system);(Information on charges or taxes, subsidies, market incentives and tradable permits should be reported under question 66 below)
7. Other policies .....

**60b.** Is air pollution policy in general integrated in climate, spatial planning or nature conservation policies?

- 60.b.1.** Yes. (Please give details under 60.b.3.)
- 60.b.2.** No. (If integration of policies is planned for the near future, please give the expected date of completion, and further details under 60.b.3 below.)

**60.b.3.** Give a brief description of the integration of air pollution policy and climate,\* spatial planning\* or nature conservation\* policy. (\*If applicable.) Parties should give information not yet mentioned under 60.a.3. concerning emission control, area-specific policies, effect-oriented measures in forests or surface waters, etc. Show present and planned activities separately.

**60.c.** Are EU programmes and/or EU regulations on integration of policies applied?

- 60.c.1** Yes. Please give details, including references, concerning applied EU programmes and/or regulations on policy integration.
- 60.c.2** No.

**Q.61.** Provide the same information on energy consumption in 1985, 1990, 1995, 2000 and projections for 2005 and 2010 that you submit to the United Nations Framework Convention on Climate Change. The information should be provided in the table below.

**Table - Energy consumption patterns and trends**

Gross consumption of energy  
(Millions of tons of oil equivalent)

Energy category	1985	1990	1995	2000	2005	2010
1. Solid fuels						
2. Liquid fuels						
3. Gaseous fuels						
4. Nuclear energy						
5. Electricity						
6. Hydro- and geothermal energy						
7. Steam and hot water						

Energy category	1985	1990	1995	2000	2005	2010
8. Other forms of energy						
<b>Total</b>						

## LEGISLATIVE AND REGULATORY FRAMEWORK

**Q. 62** Parties are invited to report on regulatory measures, other than those mentioned in sections 1 to 7, resulting in the control or reduction of air pollutants covered by the Convention or its protocols. To this end they may wish to answer the following questions. An explanation should be given of how these measures fit into the general legislative and regulatory framework mentioned above.

**Q. 63.a** Are basic principles for air pollution laid down in Law?

- 63.a.1** Yes. (Please give details under 63.a.3 below.)
- 63.a.2.** No. If such legislation is foreseen for the near future, please give the expected date of coming into force and further details under 63.a.3.
- 63.a.3.** Please provide brief information on the basic principles laid down, or to be laid down in law.

**Q. 63.b.** Are air quality standards established for pollutants covered by the protocols?

- 63.b.1** Yes, for sulphur\*, NO<sub>2</sub>\*, NO<sub>x</sub>\*, NH<sub>3</sub>\*, VOC\*, ozone\*, lead\*, mercury\*, cadmium\*, POPs\*. (\*Please delete if not applicable, otherwise give details of the standards under 63.b.3 below.)
- 63.b.2.** No. (If standards are under preparation, please give the expected date of coming into force and further details under 63.b.3. below.)
- 63.b.3.** Details on air quality standards. Please provide brief information (showing status, i.e. national or regional/local legislation, licence) with respect to each of the relevant pollutants, including smog regulations if applicable. Report separately on present standards and standards under preparation. If EU standards are used, give complete reference to the relevant EU directives.

**Q. 63.c.** Are product regulations resulting in control or reduction of air pollutants covered by the protocols, established other than those reported in sections 1 to 7? Fuel quality standards should be reported under question 64 below. Taxes, subsidies and market incentives should be reported under questions 65 to 70 below.

- 63.c.1.** Yes. (Please give details under 63.c.3 below.)
- 63.c.2.** No. (If such product regulations are under preparation, please give the expected date of coming into force and further details under 63.c.3 below.)
- 63.c.3.** Details on product regulations, e.g. speed limits for motor vehicles, prohibition or limitation of use of specific products. Please provide short information (showing status, i.e. national or local legislation, licence) with respect to each product, defining the relevant pollutant. Report separately on present regulations and regulations under

preparation. If EU regulations are used, give complete reference to EU directives.

**Q. 63.d.** Are other specific regulatory measures, which have not yet been mentioned, applied or under preparation?

- 63.d.1.** Yes. (Please give details. Report separately on present regulations and regulations under preparation.)
- 63.d.2.** No.

**Q. 64** Parties are invited to provide information on fuel standards, or to recapitulate information given above. Please use the table provided below to report standards for the different fuel types. If more than one standard is applied, provide a short explanation in the 'comment' column. If EU standards are applied, please give references to the relevant EU directive under 'comments'.

**Table - Fuel quality standards**

<b>Light fuel oil</b> (%S)	<b>Medium fuel oil</b> (%S)	<b>Heavy fuel oil</b> (%S)	<b>Comments</b>
<b>Solid fuel. Hard coal</b> (%S)	<b>Solid fuel. Lignite</b> (%S)	<b>Comments</b>	
<b>Leaded petrol</b> (g Pb/litre)	<b>Unleaded petrol</b> (g Pb/litre)	<b>Comments</b>	

### **ECONOMIC INSTRUMENTS**

**Q. 65 (replacing former Q.s 54 & 55)** Parties are invited to describe briefly their application of emission charges and/or taxes in relation to the amount or characteristics of a given pollutant covered by one of the protocols, and of charges and taxes and tax differentiation on products, including fuels and motor vehicles. To this end they may wish to answer the following questions.

**Q. 65.a.** Are emission charges/taxes or product charges/taxes applied as part of a policy aimed at 'greening' the taxation system?

- 65.a.1.** Yes, for details reference should be made to the information given under Q. 65.b below.
- 65.a.2.** No.

**Q. 65.b.** Are emission charges and/or taxes applied? Fuel taxation and product taxation should be dealt with under 65 c and d below.

- 65.b.1.** Yes, for all major atmospheric pollutants grouped according to hazard classes. Please give details under Q. 65.b.4. below.
  - 65.b.2.** Yes, for specific pollutants: sulphur\*, NO<sub>2</sub>\*, NO<sub>x</sub>\*, NH<sub>3</sub>\*, VOC\*, ozone\*, lead\*, mercury\*, cadmium\*, POPs\*, CO<sub>2</sub>\*, particulate matter\*.(Delete if not applicable, otherwise give details of the charges/taxes under 65.b.4.)
  - 65.b.3.** No. (If emission charges/taxes are planned for the near future, please give the expected date of coming into force and further details under 65.b.4 below.)
- 65.b.4.** If relevant, please give a brief description of the general system in use to charge atmospheric emissions, showing classification of pollutants covered by the protocols. Mention if fines are imposed for non-compliance. Report separately on present and planned taxation.

**65.c.** Are fuel taxes and/or energy taxation applied, differentiated according to fuel type?

- 65.c.1.** Yes. (Please give details under 65.c.3 below; a brief description should be given of tax differentiation or restitution.)
  - 65.c.2.** No. (If fuel or energy taxation is planned for the near future, please give the expected date of coming into force and further details under 65.c.3 below.)
- 65.c.3.** Give a brief description of the taxation system, of the basis for tax differentiation (i.e. fuel type; gross energy content; CO<sub>2</sub> emission; sulphur content; lead content), and of the taxes applied for each fuel and if relevant for electricity used. Give information regarding taxable persons (i.e. producers and importers, distributors, wholesalers, or consumers of fuels). Report separately on present and planned taxation systems.

**65.d.** Are charges and/or taxes imposed on motor vehicles?

- 65.d.1.** Yes. (A wide variety of taxes are to be considered: excise duty, registration tax, road tax, levy on energy use, etc.) (Please give details under 65.d.3 below; a brief description should be given of tax differentiation and/or restitution.)
  - 65.d.2.** No. (If charges/taxes on motor vehicles are planned for the near future, please give the expected date of coming into force and further details under 65.d.3 below).
- 65.d.3.** Give a short description of the charges/taxes actually imposed or planned, including the basis for differentiation and/or restitution, e.g. vehicle type, engine power, fuel consumption, application of catalytic converter, energy use, weight or price of the motor vehicle, motorway use. Report separately on present and planned taxation.

**65.e.** Are charges and/or taxes imposed on products, other than fuels or motor vehicles?

- 65.e.1.** Yes. (Charges/taxes to be considered can be based on energy/electricity use of a product or on its content of hazardous compounds covered by the protocols. Please give details under 65.e.3 below.)
- 65.e.2.** No. (If charges/taxes on products other than fuels or motor vehicles are planned

for the near future, please give the expected date of coming into force and further details under 65.e.3 below.)

**65.e.3.** Please give a brief description of the charges/taxes actually imposed or planned.

Describe the basis used for these charges/taxes and for any differentiation or restitution. Report separately on present and planned taxation.

**Q. 66** If relevant, Parties are invited to provide a brief description of their experience with the use in practice of emission charges/tax and charges/taxes levied on products, including fuels and motor vehicles. To this end they may wish to answer the following questions.

**66.a.** Is any information available about the effects of charges/taxes on emissions and/or energy use?

**66.a.1.** Yes. (Please give details.)

**66.a.2.** No.

**66.b.** How are revenues from these charges/taxes, and from fines for non-compliance, used?

**66.b.1.** They are earmarked for environmental purposes. Please give details: e.g. to compensate those that suffer damage from pollution; to subsidize emission control measures; to compensate for loss in competitiveness for the industry concerned; to improve public transport, etc.

**66.b.2.** They contribute to the restructuring of the taxation system towards a 'green' system

**66.b.3.** They are paid to the general treasury.

**66.c.** Is information on any other type of experience available?

**66.c.1.** Yes. (Please give details.)

**66.c.2.** No.

**Q. 67** If applicable, Parties are invited to provide a brief description of their financial assistance schemes that lead to a decrease in the emissions of air pollutants covered by the Convention and its protocols. To this end they may wish to answer the following question. Are financial assistance schemes or legislation for financial support applied?

- 67.a.** Yes. (Please give brief information on legislation and schemes which support:
1. Emission reduction, meeting stricter emission standards than legally required, investment in pollution abatement equipment;
  2. Energy saving, energy efficiency, use of renewable energy;
  3. Funding technology research, development, commercialization and export, demonstration of technical and economic feasibility of measures;
  4. Small and/or medium-sized companies to comply with pollution abatement regulations;
  5. Reduction of the use of pesticides, fertilizers, promotion and intensification of organic farming;
  6. Use of electric vehicles, use of public transport, use of extra-low-sulphur fuel;
8. Other issues.

- 67.b.** No. (Subsidies are not given because of a strict application of the “polluter-pays” principle.)

**Q.68** While subsidies have been used to support the introduction of new technologies, thus benefiting the environment, they have also been adopted on a wide scale in the energy and transport sectors with detrimental effects on the environment. If applicable, Parties are invited to briefly describe their experience in this domain. They may wish to provide information on reduced electricity tariffs for development areas; subsidies on domestically produced coal; subsidies on fuels; indirect effects of tax exemptions (for commuters), and any overviews on such environmentally harmful subsidies.

**Q. 69** If applicable, Parties are invited to briefly describe market incentives used to further reduce emissions from and/or the generation of substances covered by the Convention and its protocols. To this end they may wish to answer the following questions:

**69.a.** Is labelling used as a market incentive?

- 69.a.1.** Yes, for environmentally friendly products. Please give a brief description of the labelling system, whether it is a voluntary national label or an international label (e.g. the EU mandatory energy labels for domestic products and/or the EU eco-labelling scheme), and provide information on the basis for awarding (e.g. is the product’s life cycle taken into account) and, if relevant, the specific type of products that the labelling is used for.
- 69.a.2.** Yes, for environmentally hazardous products. Please give details on the type of information required.
- 69.a.3.** Yes, for enterprises. Please give a short description of certified voluntary environmental management and audit schemes in use. Provide short information on the application of ISO 14001 and/or EU EMAS and give the number of registered sites.
- 69.a.4.** No. (If labelling scheme is planned for the near future, please give the date it is expected to be operational and provide further details.)

**69.b.** Is a standard of environmental preferability (classification) for products (e.g. paints, motor vehicles) in use?

- 69.b.1.** Yes. (Please provide a short description.)
- 69.b.2.** No. (If such a standard is planned for the near future, please give the date it is expected to be operational and provide further details.)

**69.c.** Are temporary subsidies supplied, or is a tax reduction given, as an incentive to promote the market introduction of new, low-pollution and/or energy-efficient products?

- 69.c.1.** Yes. (Please provide information on present or planned schemes, the amount of subsidy or tax refund, and the products involved, e.g. paints, boilers, refrigerators, motor vehicles, etc. If applicable, give reference to relevant EU regulations.)
- 69.c.2.** No. (If such an incentive is planned for the near future, please give the date it is expected to be available and provide further details.)

**69.d.** Is a ‘green’ procurement policy used as a market incentive?

- 69.d.1.** Yes. (Please give a brief indication of the (public) bodies for which this policy applies and of its character (law, voluntary agreement, etc).)
- 69.d.2.** No. (If such procurement policy is planned for the near future, please give the date it is expected to be operational and provide further details.)

**69.e.** Are other market incentives applied?

- 69.e.1.** Yes. (Please give a short description.)
- 69.e.2.** No.

**Q. 70** If applicable, Parties are invited to provide information on experience in tradable permits, including the cost-saving potential. To this end they may wish to answer the following questions.

**Q.70.a.** Is a system of tradable permits in use?

- 70.a.1.** Yes. (Please give a short description under 70.a.3.)
- 70.a.2.** No. (If a system of tradable permits is planned for the near future, please give the expected date of coming into force and provide a brief description under 70.a.3.)

**70.a.3.** Please give a brief description of the system showing: pollutants and emitter categories covered; scale of the system (regional or national); relation to emission standards; for caps or bubbles: basis for established level. Please give information on the number of trades. If a system of tradable permits is under preparation, if relevant also mention the required changes in legislation.

**70.b.** If tradable permits are used, is practical experience, expressed in data on extra reductions and/or lower cost, available?

- 70.b.1.** Yes. Please give brief information on the major data.
- 70.b.2.** No.

**70.c.** If systems for tradable permits are being developed, are data from studies available with respect to the cost-saving potential?

- 70.c.1.** Yes. Please give short information on the major findings.
- 70.c.2.** No.

## VOLUNTARY AGREEMENTS

[The consultant from the Netherlands recommends moving **former Qs 61 and 62 (new Q 72)** to sections 2 and 3, due to a change in reporting obligations with respect to the already mandatory research activities. The Executive Body may wish to discuss this suggestion.]

**Q. 71** If applicable, Parties are invited to briefly describe relevant voluntary measures and agreements used to further reduce air pollution from substances covered by the Convention and its protocols. Parties may wish to describe voluntary measures and agreements with: electricity producers and/or distributors; branches of industry (concerning, for instance, general activities; energy use; use of specific substances such as VOCs, heavy metals; manufacturing of certain products or substances such as batteries, paints, motor vehicles, POPs; transport reduction);

agricultural sector (concerning energy efficiency; animal fodder; use of pesticides); transport sector; etc.

### **BILATERAL ACTIVITIES**

**Q. 72** Besides ongoing cooperation under the Convention, several Parties participate in other multilateral or bilateral programmes within the UNECE region to abate air pollution, such as joint implementation and burden sharing. Please briefly describe your involvement in these programmes, including their objectives, time frames and, where possible, results.

### **WEB SITES**

**Q. 73** If your country has a web site with information on air pollution abatement policies and activities (including research and monitoring), please give the address.

### **FUTURE RATIFICATION**

**Q.74** If your country has not yet ratified the 1984 EMEP Protocol, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.

**Q.75** If your country has not yet ratified the 1988 Nitrogen Oxides Protocol, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.

**Q.76** If your country has not yet ratified the 1991 VOC Protocol, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.

**Q.77** If your country has not yet ratified the 1994 Sulphur Protocol, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.



**Q.78** If your country has not yet ratified the 1998 Protocol on Heavy Metals, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.

**Q.79** If your country has not yet ratified the 1998 Protocol on Persistent Organic Pollutants, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.

**Q.80** If your country has not yet ratified the 1999 Protocol to Abate Acidification, Eutrophication and Ground-Level Ozone, does it have plans to ratify/accede to this Protocol?

If so, when? If not, you may wish to provide any available information on possible problems or obstacles to ratification and on measures taken to overcome them.

## Annex II

### **DRAFT STRUCTURE OF THE PUBLICATION OF THE 2002 MAJOR REVIEW**

#### **Introduction: Mandate and aim of the review**

1. This section of the review will describe its aim, as well as the mandate for its publication, according to article 2 of the Convention and the resolution on long-range transboundary air pollution adopted in 1979 (ECE/HLM.1, annex II), and describe the activities within the framework of the Convention.
2. In general, the overall aims of the review of strategies and policies are:
  - (a) To assess the progress made by Parties and the region as a whole in implementing obligations under the Convention and its protocols and to further their implementation;
  - (b) To facilitate the exchange of information between Parties, which is foreseen in the Convention and its protocols; and
  - (c) To raise awareness about the problems of air pollution, as well as to make the contribution of the Convention and its successful abatement more visible.

#### **I. GENERAL INFORMATION**

3. This chapter will provide a summary of relevant legislation, the use of economic instruments (such as emission and product charges, subsidies, etc.), fuel quality standards, integration of policies, energy consumption and projections, and voluntary agreements. The secretariat will prepare an overview of activities within the framework of the Convention. The status of the Convention on Long-range Transboundary Air Pollution and its protocols will be summarized in a table.
4. Several Parties are engaged in other multilateral or bilateral programmes within the UNECE region for air pollution abatement. Based on responses from Parties, the secretariat will provide a summary of bilateral cooperation within the region.
5. Finally, a list of useful web site addresses provided by Parties will be compiled by the secretariat.

## II. EMISSION LEVELS AND TRENDS IN THE EFFECTS OF TRANSBOUNDARY AIR POLLUTION

6. This chapter will be based on information provided to the secretariat in response to the EMEP questionnaire which will be sent to Parties in November 2001 and on the final reports to the Steering Body of EMEP. It will also highlight important aspects of the relevant work of the Working Group on Effects. It will also summarize some of the most recent findings from the International Cooperative Programmes.

## III. EXTENT OF IMPLEMENTATION AND PROTOCOLS NOT YET IN FORCE

7. This part will be provided by the secretariat on the basis of all the information submitted by Parties through either the questionnaire or the EMEP activities. It will present an analysis of the current situation and progress made towards implementing the protocols in force. It will also give an overview for the region and flag the deficiencies.

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### **Suggested list of tables to be included in the 2002 major review (for discussion)**

1. Status of the Convention on Long-range Transboundary Air Pollution and its Protocols
2. Anthropogenic emissions of sulphur (1980-2010) in the ECE region
3. Sulphur dioxide emissions as a percentage of 1980 emissions
4. Anthropogenic emissions of nitrogen oxides (1980-2010) in the ECE region
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