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**ECONOMIC COMMISSION FOR EUROPE**

**EXECUTIVE BODY FOR THE CONVENTION ON  
LONG-RANGE TRANSBOUNDARY AIR POLLUTION**

Working Group on Effects  
(Twenty-first session, Geneva, 28-30 August 2002)

**PROVISIONAL AGENDA FOR THE TWENTY-FIRST SESSION**

to be held at the Palais des Nations, Geneva  
starting at 10 a.m. on Wednesday, 28 August 2002

1. Adoption of the agenda.
2. Adoption of the report on the twentieth session (EB.AIR/WG.1/2001/2).
3. Matters arising from the nineteenth session of the Executive Body for the Convention on Long-range Transboundary Air Pollution (ECE/EB.AIR/75), the thirty-third session of the Working Group on Strategies and Review (EB.AIR/WG.5/70) and the twenty-fifth session of the Steering Body of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP) (EB.AIR/GE.1/2001/2).

Documents prepared under the auspices or at the request of the Executive Body for the Convention on Long-range Transboundary Air Pollution for GENERAL circulation should be considered provisional unless APPROVED by the Executive Body.

4. Recent results and short-term goals of the effect-oriented activities (EB.AIR/WG.1/2002/3):
  - (a) International Cooperative Programme (ICP) on assessment and monitoring of air pollution effects on forests (EB.AIR/WG.1/2002/7);
  - (b) ICP on assessment and monitoring of acidification of rivers and lakes (EB.AIR/WG.1/2002/8);
  - (c) ICP on effects of air pollution on materials, including historic and cultural monuments (EB.AIR/WG.1/2002/9);
  - (d) ICP on effects of air pollution on natural vegetation and crops (EB.AIR/WG.1/2002/10);
  - (e) ICP on integrated monitoring of air pollution effects on ecosystems;
  - (f) ICP on modelling and mapping of critical levels and loads and air pollution effects, risks and trends (EB.AIR/WG.1/2002/11);
  - (g) Task Force on the Health Aspects of Air Pollution.
  
5. Further development of the effect-oriented activities and their contribution to the future review of protocols:
  - (a) Updated medium-term work-plan for the further development of the effect-oriented activities (EB.AIR/WG.1/2002/4);
  - (b) Draft annotated outline of the report on review and assessment of the present air pollution effects and their recorded trends (EB.AIR/WG.1/2002/5).
  
6. Updating of scientific/technical knowledge:
  - (a) Progress in dynamic modelling, in particular on a regional scale (EB.AIR/WG.1/2002/12);
  - (b) First results of European mapping of heavy metals critical loads (EB.AIR/WG.1/2002/13);
  - (c) Health risks of persistent organic pollutants from long-range transboundary air pollution (EB.AIR/WG.1/2002/14);
  - (d) Joint report of ICP Forests and ICP Integrated Monitoring on cause-effect relationships (EB.AIR/WG.1/2002/15);
  - (e) Information on forthcoming workshops.
  
7. Financing of effect-oriented activities (EB.AIR/WG.1/2002/6).
  
8. Election of officers.
  
9. Other business.

## EXPLANATORY NOTES TO THE PROVISIONAL AGENDA

Item 1: Adoption of the agenda

The Working Group on Effects is expected to adopt the agenda of its twenty-first session (EB.AIR/WG.1/2002/1).

Item 2: Adoption of the report on the twentieth session

The Working Group on Effects is expected to adopt the report on its twentieth session (EB.AIR/WG.1/2001/2).

Item 3: Matters arising from the nineteenth session of the Executive Body for the Convention on Long-range Transboundary Air Pollution, the thirty-third session of the Working Group on Strategies and Review and the twenty-fifth session of the Steering Body of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

The secretariat will draw the attention of the Working Group to the relevant discussions held and decisions made by the Executive Body at its nineteenth session (ECE/EB.AIR/75), by the Working Group on Strategies and Review at its thirty-third session (EB.AIR/WG.5/70) and by the EMEP Steering Body at its twenty-fifth session (EB.AIR/GE.1/2001/2). Special mention will be made of the decision and recommendation on the financing of core activities and on further harmonization of the medium-term work-plan with EMEP, with due note taken of the European Commission's Clean Air for Europe (CAFE) programme.

Item 4: Recent results and short-term goals of the effect-oriented activities

The Working Group will have before it the annual 2002 Joint Report of the International Cooperative Programmes and the Task Force on the Health Aspects of Air Pollution on progress in the effect-oriented activities (EB.AIR/WG.1/2002/3).

(a) ICP on assessment and monitoring of air pollution effects on forests: the lead country of the Programme Task Force will report on progress, including the results of its eighteenth meeting held in Lisbon and present to the Working Group for consideration a summary report on the 2001 results of monitoring forest condition in Europe (EB.AIR/WG.1/2002/7). The lead country will also provide information on recent developments in the programme's activities in the fields of biodiversity, critical load calculations and dynamic modelling.

(b) ICP on assessment and monitoring of acidification of rivers and lakes: the lead country of the Programme Task Force will report on progress, including the results of its seventeenth meeting held in Lillehammer (Norway). The Working Group will have before it a report on tracing biological recovery in surface waters by the use of multivariate statistics

(EB.AIR/WG.1/2002/8), and will receive information on the results of the workshop on heavy metals (Pb, Cd and Hg) in surface waters: monitoring and biological impact.

(c) ICP on effects of air pollution on materials, including historic and cultural monuments: the lead country of the Programme Task Force will report on progress, including the results of its eighteenth meeting held in Kjeller (Norway). The Working Group will have before it the report on preliminary results after four years of exposure in the multi-pollutant programme and on the future development of the programme (EB.AIR/WG.1/2002/9). The lead country will also provide information on the programme's participation in the MULTI-ASSESS project of the European Commission.

(d) ICP on effects of air pollution on natural vegetation and crops: the lead country of the Programme Task Force will report on progress, including the results of its fifteenth meeting held in Trier (Germany). The lead country will also present a technical report on the economic impact of ozone pollution on agricultural crop production in Europe (EB.AIR/WG.1/2002/10) and the programme's 2002 annual status report.

(e) ICP on integrated monitoring of air pollution effects on ecosystems: the lead country of the Programme Task Force will report on progress, including the results of its tenth meeting held in Prague. The Working Group will have before it the programme's eleventh annual report (2002). It will also be informed of progress in evaluating heavy metals concentrations and fluxes at ICP Integrated Monitoring sites.

(f) ICP on modelling and mapping of critical levels and loads and air pollution effects, risks and trends: the lead country of the Programme Task Force will report on progress in mapping critical levels and loads, including the results of its eighteenth meeting held in Sorrento (Italy). The Coordination Center for Effects (CCE) will provide information on its recent activities, including the outcome of the twelfth CCE workshop on critical loads and levels. The Working Group will also have before it the report: From critical loads to dynamic modelling (EB.AIR/WG.1/2002/11).

(g) Task Force on the Health Aspects of Air Pollution: the World Health Organization's European Centre for Environment and Health, Bonn Office, leading the Task Force, will provide information on its activities, including the results of its fourth and fifth meeting held in Bonn (Germany). The report on the health risks of persistent organic pollutants from long-range transboundary air pollution will be presented under agenda item 6. The Working Group will receive information on progress in reviewing new knowledge on the health risks of particulate matter.

Item 5: Further development of the effect-oriented activities and their contribution to the future review of protocols

(a) Pursuant to the Executive Body's invitation to harmonize as much as possible the medium-term work-plans of the Working Group on Effects and the EMEP Steering Body, taking into account the timetable of the European Commission's Clean Air for Europe (CAFE) programme, the Working Group is expected to consider and agree on the updated list of the tasks

for individual programmes/task forces for the 2002-2003 period, as well as the amended table of the main planned deliverables of the effect-oriented activities for the 2002-2004 period (EB.AIR/WG.1/2002/4).

(b) The Working Group will be called upon to discuss and approve a draft annotated outline of the 2004 substantive report on the review and assessment of present air pollution effects and their recorded trends (EB.AIR/WG.1/2002/5).

Item 6: Updating of scientific/technical knowledge

(a) Progress in dynamic modelling. The Working Group will have before it for consideration a summary report of the second meeting of the expert group on dynamic modelling (EB.AIR/WG.1/2002/12). The Working Group may wish to take note of the report and decide on further action.

(b) Mapping of heavy metals critical loads. The Working Group is expected to consider the first results of the European mapping of critical loads of heavy metals (EB.AIR/WG.1/2002/13) and to agree on its further activities in support of the future review of the Protocol on Heavy Metals.

(c) Persistent organic pollutants. The Working Group will have before it for consideration a summary report on the health risks of persistent organic pollutants from long-range transboundary air pollution (EB.AIR/WG.1/2002/14). The Working Group may wish to take note of the report and decide on further action.

(d) Cause-effect relationships in forest condition. The Working Group is expected to take note of the joint report of ICP Forests and ICP Integrated Monitoring on cause-effect relationships in forest condition (EB.AIR/WG.1/2002/15).

(e) Forthcoming workshops/technical meetings. The Working Group will be informed of the preparations for, and the objectives of, the following workshops:

- (i) Workshop on biological response modelling (Grimstad, Norway, in September 2002);
- (ii) Workshop on ICP Forests's level II data evaluation (Heerenveen, Netherlands, 30-31 October 2002);
- (iii) Third meeting of the joint expert group on dynamic modelling (Sweden, 4-6 November 2002);
- (iv) Workshop on empirical critical loads for nitrogen deposition on (semi) natural ecosystems (Bern, 11-13 November 2002);
- (v) Workshop on level II critical levels for ozone (Gothenburg, Sweden, 20-22 November 2002);
- (vi) Follow-up workshop on critical limits for heavy metals (Autumn 2002);
- (vii) Workshop on the release of heavy metals from materials due to corrosion (Spring, 2003).

Item 7: Financing of effect-oriented activities

The Working Group will have before it a note, prepared by the secretariat, on the financing of effect-oriented activities, summarizing the voluntary contributions received in 2001 and 2002, reviewing the use of the contributions in 2001 and presenting plans for their use in 2002/2003 (EB.AIR/WG.1/2001/6). The Working Group is expected to consider the note and approve its submission to the Executive Body at its twentieth session.

Item 8: Election of officers

The Meeting is expected to elect a chairman and five vice-chairmen. The elected officers constitute the Bureau and will remain in office over the next session.

Item 9: Other business

The Working Group on Effects will have before it for consideration a provisional list of meetings for 2002/2003 compiled by the secretariat on the basis of information provided by the delegations and programmes.