

**Economic and Social Council**Distr.: General
30 June 2022

Original: English

Economic Commission for EuropeExecutive Body for the Convention on Long-range
Transboundary Air Pollution**Steering Body to the Cooperative Programme for
Monitoring and Evaluation of the Long-range
Transmission of Air Pollutants in Europe****Working Group on Effects****Eighth joint session**

Geneva, 12–16 September 2022

Item 1 of the provisional agenda

Adoption of the agenda**Annotated provisional agenda for the eighth joint session****To be held at the Palais des Nations, Geneva, starting at 3 p.m.
on Monday, 12 September 2022*****I. Provisional agenda**

1. Adoption of the agenda.
2. Progress in activities in 2022 and further development of effects-oriented activities:
 - (a) Air pollution effects on health;
 - (b) Critical loads and other issues related to modelling and mapping;
 - (c) Air pollution effects on materials, the environment and crops:
 - (i) Air pollution effects on materials;
 - (ii) Air pollution effects on forests;
 - (iii) Air pollution effects on waters and integrated monitoring of air pollution effects on ecosystems;

* There are accreditation procedures for all delegates attending meetings at the Palais des Nations. Delegates attending the meeting are therefore requested to register online by 19 August 2022 through the web page for the meeting: <https://unece.org/info/Environmental-Policy/Air-Pollution/events/360936>. This will be a paperless meeting. All documentation for the session and related information will be posted on the meeting web page. Delegates should bring copies of any documentation they will require. On the day of the meeting, delegates should obtain an identification badge from the Pass and Identification Unit at the United Nations Office at Geneva Security and Safety Section at the Pregny Gate (14, Avenue de la Paix). A map is available on the United Nations Economic Commission for Europe website (<https://unece.org/practical-information-delegates>). In case of difficulty, please contact the Convention secretariat at +41 22 917 3570.



- (iv) Air pollution effects on vegetation;
- (d) Further effects-oriented activities.
- 3. Cooperation with the European Union and with the Integrated European Long-term Ecosystem, Critical Zone and Socioecological Research Infrastructure.
- 4. Updated strategy for scientific bodies under the Convention.
- 5. Financial and budgetary matters:
 - (a) Working Group on Effects;
 - (b) Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe.
- 6. Matters arising from recent meetings of the Executive Body and its subsidiary bodies and activities of the Bureaux of the Steering Body and the Working Group on Effects.
- 7. Joint thematic session:
 - (a) Contribution of scientific bodies to the review of the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone, as amended in 2012;
 - (b) Access to data.
- 8. Outreach activities, information-sharing and cooperation with other organizations and programmes.
- 9. Information-sharing by Parties.
- 10. Progress in activities of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe in 2022 and future work:
 - (a) Improvement and reporting of emission data and adjustments under the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone:
 - (i) Adjustments under the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone;
 - (ii) Improvement and reporting of emission data;
 - (b) Measurements and modelling;
 - (c) Integrated assessment modelling;
 - (d) Hemispheric transport of air pollution;
 - (e) Condensables in emission inventories and modelling.
- 11. Election of officers:
 - (a) Working Group on Effects;
 - (b) Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe.
- 12. Other business.
- 13. Adoption of the draft report on the eighth joint session.

II. Introduction

1. The Executive Body for the Convention on Long-range Transboundary Air Pollution agreed, at its thirty-second session (Geneva, 9–13 December 2013), that, as of 2015, the Working Group on Effects and the Steering Body to the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP) should meet jointly to achieve enhanced integration and cooperation between the

Convention's two scientific subsidiary bodies.¹ The two bodies will hold their eighth joint session from 12 to 16 September 2022 in Geneva.

III. Annotations to the provisional agenda

1. Adoption of the agenda

2. The Steering Body to EMEP and the Working Group on Effects will be invited to adopt the agenda for their eighth joint session as set out in the present document.² The provisional time schedule is presented in an informal document entitled "Organization of work during the eighth joint session".

Documentation

Annotated provisional agenda for the eighth joint session
(ECE/EB.AIR/GE.1/2022/1–ECE/EB.AIR/WG.1/2022/1)

Organization of work during the eighth joint session (informal document)

2. Progress in activities in 2022 and further development of effects-oriented activities

3. Participants are expected to consider progress in effects-oriented activities in 2022 in relation to the 2022–2023 workplan for the implementation of the Convention. (ECE/EB.AIR/148/Add.1). Representatives of international cooperative programmes, centres and task forces and the Joint Task Force on the Health Aspects of Air Pollution (Task Force on Health) will present the main achievements and difficulties in the implementation of the 2022–2023 workplan items, and their relevance in connection with the goals of the long-term strategy for the Convention for 2020–2030 and beyond (Executive Body decision 2018/5).³ Lead countries will draw attention to recent activities on ecosystems monitoring, modelling and mapping, publications and task force meetings.

4. Members of the Bureau of the Working Group on Effects and representatives of international cooperative programmes will report on progress in implementing the recommendations from the review of the cooperative programmes, including progress in developing a common web page for the Working Group.⁴

5. Participants are expected to take note of the technical reports and the progress in implementation of the 2022–2023 workplan. They may wish to provide guidance for future work.

Documentation

2022 joint progress report – Annex I: contribution to the review of the Gothenburg Protocol
(ECE/EB.AIR/GE.1/2022/3–ECE/EB.AIR/WG.1/2022/3)

(a) Air pollution effects on health

6. A representative of the Task Force on Health will report on its activities, including the results of its twenty-fifth meeting (Bonn, Germany (online), 10–11 May 2022). Participants are expected to take note of the technical report and the progress in implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

¹ ECE/EB.AIR/122, para. 47 (b).

² Documentation for the session and other information materials will be made available on the web page for the session (<https://unece.org/info/Environmental-Policy/Air-Pollution/events/360936>).

³ All Executive Body decisions referred to in the present document are available at <https://unece.org/decisions>.

⁴ See www.unece-wge.org/.

Documentation

Effects of air pollution on health
(ECE/EB.AIR/GE.1/2022/17–ECE/EB.AIR/WG.1/2022/10)

(b) Critical loads and other issues related to modelling and mapping

7. Representatives of the International Cooperative Programme on Modelling and Mapping of Critical Levels and Loads and Air Pollution Effects, Risks and Trends (ICP Modelling and Mapping) and its Coordination Centre for Effects and the Centre for Dynamic Modelling will report on their activities, including the results of the thirty-eighth ICP Modelling and Mapping Task Force meeting held jointly with the twenty-ninth meeting of the Coordination Centre for Effects (online, 3–5 May 2022). Participants are expected to take note of the technical report and the progress in implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

Documentation

Modelling and mapping
(ECE/EB.AIR/GE.1/2022/16–ECE/EB.AIR/WG.1/2022/9)

(c) Air pollution effects on materials, the environment and crops

(i) Air pollution effects on materials

8. A representative of the International Cooperative Programme on Effects of Air Pollution on Materials, including Historic and Cultural Monuments (ICP Materials) will report on its activities, including the results of its thirty-eighth Task Force meeting (Bochum, Germany, 4–6 May 2022). Participants are expected to take note of the technical report and the progress in implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

Documentation

Effects of air pollution on materials
(ECE/EB.AIR/GE.1/2022/13–ECE/EB.AIR/WG.1/2022/6)

(ii) Air pollution effects on forests

9. A representative of the International Cooperative Programme on Assessment and Monitoring of Air Pollution Effects on Forests (ICP Forests) will report on its activities, including the results of its thirty-eighth Task Force meeting (online, 2–3 June 2022). Participants are expected to take note of the technical report and the progress in implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

Documentation

Effects of air pollution on forests
(ECE/EB.AIR/GE.1/2022/11–ECE/EB.AIR/WG.1/2022/4)

(iii) Air pollution effects on waters and integrated monitoring of air pollution effects on ecosystems

10. A representative of the International Cooperative Programme on Assessment and Monitoring of the Effects of Air Pollution on Rivers and Lakes (ICP Waters) will report on its activities, including the results of its thirty-eighth Task Force meeting held jointly with the thirtieth Task Force meeting of the International Cooperative Programme on Integrated Monitoring of Air Pollution Effects on Ecosystems (ICP Integrated Monitoring) (Miraflores de la Sierra, Spain, 10–12 May 2022). A representative of ICP Integrated Monitoring will report on its activities, including the results of its thirtieth Task Force meeting. Participants are expected to take note of the two respective technical reports and the progress in

implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

Documentation

Effects of air pollution on rivers and lakes
(ECE/EB.AIR/GE.1/2022/12–ECE/EB.AIR/WG.1/2022/5)

Integrated monitoring of air pollution effects on ecosystems
(ECE/EB.AIR/GE.1/2022/15–ECE/EB.AIR/WG.1/2022/8)

(iv) Air pollution effects on vegetation

11. A representative of the International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops (ICP Vegetation) will report on its activities, including the results of its thirty-fifth Task Force meeting (online, 21–23 February 2022). Participants are expected to take note of the technical report and the progress in implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

Documentation

Effects of air pollution on natural vegetation and crops
(ECE/EB.AIR/GE.1/2022/14–ECE/EB.AIR/WG.1/2022/7)

(d) Further effects-oriented activities

12. The Chair of the Working Group on Effects will provide an update on cooperation between the international cooperative programmes and other international organizations, including the European Union.

13. A representative of the Centre for Dynamic Modelling will provide an update on the development of the common web page for the Working Group on Effects, aiming to discuss how to move forward.

3. Cooperation with the European Union and with the Integrated European Long-term Ecosystem, Critical Zone and Socioecological Research Infrastructure

14. The Chair of the Working Group on Effects will provide information on possible further cooperation between the international cooperative programmes and the European Union on long-term ecosystems monitoring. She will present a proposal for collaboration with the Integrated European Long-term Ecosystem, Critical Zone and Socioecological Research Infrastructure (eLTER RI). A letter of cooperation between the Working Group on Effects and eLTER RI is proposed (see an informal document under agenda item 4). Participants are expected to discuss said collaboration and to welcome the above-mentioned letter. Participants may invite the Chair of the Working Group on Effects to sign the letter on behalf of the Working Group.

Documentation

eLTER and WGE - cooperation letter (informal document)

4. Updated strategy for scientific bodies under the Convention

15. At their fifth joint session (Geneva, 9–13 September 2019), the EMEP Steering Body and the Working Group on Effects decided to prepare updates to the strategies for EMEP and for the Working Group.⁵ At a meeting of the Extended Bureaux of the Working Group on Effects and of the Steering Body to EMEP (online, 24–26 March 2020), participants recalled

⁵ ECE/EB.AIR/GE.1/2019/2–ECE/EB.AIR/WG.1/2019/2, para. 72 (b).

the key achievements in implementing the Revised long-term strategy of the effects-oriented activities⁶ and the Revised strategy for EMEP for 2010–2019⁷ over the past ten years and discussed proposed elements relevant for the update of the strategies (new priorities, future scientific work and a road map). The Extended Bureaux agreed that the updated strategies should be combined into a single document. Due to the coronavirus disease (COVID-19) pandemic, the work on the updates to the EMEP and Working Group strategies could not be completed as planned and it continued through 2022.

16. Participants are invited to discuss the draft updated strategy for scientific bodies under the Convention, prepared by the Chairs of the EMEP Steering Body and the Working Group on Effects based on inputs from centres and task forces. Participants are expected to consider and approve the draft strategy and forward it to the Executive Body for consideration at its forty-second session (Geneva, 12–16 December 2022).

Documentation

Draft updated strategy for scientific bodies under the Convention on Long-range Transboundary Air Pollution (ECE/EB.AIR/GE.1/2022/18–ECE/EB.AIR/WG.1/2022/11)

5. Financial and budgetary matters

17. The secretariat will introduce the note on financial and budgetary matters and report on any updates regarding payment of mandatory, voluntary and in-kind contributions to EMEP and for the effects-oriented activities in 2021 and 2022. The secretariat will also update participants on the contracts for the Convention centres in 2022 and the information provided by the centres on the total costs of their operation.

(a) Working Group on Effects

18. Participants are expected to discuss the budget for the centres under the Working Group in 2023 and to submit the budget proposal to the Executive Body for its approval.

Documentation

Financial and budgetary matters
(ECE/EB.AIR/GE.1/2022/19–ECE/EB.AIR/WG.1/2022/12)

(b) Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

19. Participants are expected to discuss and adopt the detailed budget for the EMEP centres in 2023, and to submit the budget proposal to the Executive Body for its approval.

Documentation

Financial and budgetary matters
(ECE/EB.AIR/GE.1/2022/19–ECE/EB.AIR/WG.1/2022/12)

6. Matters arising from recent meetings of the Executive Body and its subsidiary bodies and activities of the Bureaux of the Steering Body and the Working Group on Effects

20. The Chair of the Executive Body for the Convention and the secretariat will inform participants about matters arising from the forty-first session of the Executive Body (Geneva, 6–8 December 2021) (see ECE/EB.AIR/148). The Chair of the Working Group on Strategies

⁶ Available at https://unece.org/fileadmin/DAM/env/documents/2012/EB/Informal_document_no_18_Revised_Long-term_Strategy_of_the_effects-oriented_activities_clean_text.pdf.

⁷ Available at www.unece.org/fileadmin/DAM/env/documents/2013/air/emep/Informal_document_no_20_Revised_Strategy_for_EMEP_for_2010-2019_clean_text.pdf.

and Review will inform participants about the outcomes of the sixtieth session of the Working Group (Geneva, 11–14 April 2022).

21. The Chairs of the EMEP Steering Body and the Working Group will present a summary of the work of their Bureaux since the seventh joint session (Geneva, 13–16 September 2021). Participants are expected to discuss and provide guidance for further work on cooperation with other bodies under the Convention and the future activities of the two Bureaux.

Documentation

Activities of the Bureaux of the Steering Body to the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe and the Working Group on Effects (ECE/EB.AIR/GE.1/2022/9–ECE/EB.AIR/WG.1/2022/20)

7. Joint thematic session

22. A joint thematic session will be held to discuss two issues: (a) the contribution of the two scientific bodies to the review of the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone (Gothenburg Protocol), as amended in 2012; and (b) access to data. The session will give EMEP centres, task forces and international cooperative programmes under the Working Group on Effects the opportunity to present a number of results and conclusions from their work relevant to the questions to be considered.

(a) Contribution of scientific bodies to the review of the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone, as amended in 2012

23. At its thirty-ninth session (Geneva, 9–13 December 2019), the Executive Body adopted decision 2019/4 whereby it initiated the review of the Gothenburg Protocol, as amended in 2012, and also requested the subsidiary bodies of the Convention to prioritize work that supports the review. At its forty-first session (Geneva, 6–8 December 2021), the Executive Body welcomed the initial draft of the report on the review (ECE/EB.AIR/2021/4). The draft report was prepared by the Gothenburg Protocol review group, convened by the Chair of the Working Group on Strategies and Review, with inputs provided by subsidiary bodies under the Convention. The final report, accompanied by the documents entitled “Scientific information for the review of the Gothenburg Protocol” (annex I) and “Technical information for the review of the Gothenburg Protocol” (annex II), will be submitted for consideration by the Executive Body at its forty-second session (Geneva, 12–16 December). At its sixtieth session, the Working Group on Strategies and Review considered the revised draft report on the review (ECE/EB.AIR/WG.5/2022/3). It invited delegations, Task Forces and scientific centres to submit further inputs to annex I to the Chairs of the EMEP Steering Body and the Working Group on Effects by 3 June 2022 (ECE/EB.AIR/WG.5/128, forthcoming). The EMEP Steering Body and the Working Group on Effects are expected to discuss and agree on the content of annex I (ECE/EB.AIR/GE.1/2022/3–ECE/EB.AIR/WG.1/2022/3) and other scientific input to be forwarded to the Executive Body.

Documentation

Scientific information for the review of the Gothenburg Protocol (ECE/EB.AIR/GE.1/2022/3–ECE/EB.AIR/WG.1/2022/3)

Working Group on Effects - Extended information from international cooperative programmes and task forces in response to questions raised in the framework of the amended Gothenburg Protocol review – informal document

(b) Access to data

24. During the segment on access to data, the focus will be on the availability of various sets of data collected, processed and generated by the centres and task forces under EMEP and by the international cooperative programmes in the ECE region. Several international

cooperative programmes collect data from National Focal Centres for impact and trend assessments, and they also made them available upon request to researchers. After a few decades of work, and many years collecting and processing the data, the Convention has become one of the best sources of data for air pollution impact assessment on the environment. The current moment is a good time to review what has been achieved, and how the data are managed and made available within and outside the Convention. The key objective of the segment will be to discuss how to improve data access and dissemination.

8. Outreach activities, information-sharing and cooperation with other organizations and programmes

25. Representatives of partner organizations and programmes (for example, the Arctic Monitoring and Assessment Programme, the Copernicus Atmosphere Monitoring Service, the European Commission Joint Research Centre, the Minamata Convention on Mercury, the Stockholm Convention on Persistent Organic Pollutants, the United Nations Environment Programme, the World Health Organization and the World Meteorological Organization) will be invited to briefly present their work and their cooperation with the two scientific bodies under the Convention.

26. Participants are expected to take note of the information provided and to offer guidance on further information-sharing and cooperation

9. Information-sharing by Parties

27. Representatives of Parties are invited to prepare and present their national experiences in implementing monitoring and modelling activities under EMEP and/or their national effects-oriented activities. Parties are requested to present both successes in implementation and obstacles thereto.

28. Participants are expected to consider the national experiences presented at the session and to recommend that similar exchanges of information be continued at future sessions.

10. Progress in activities of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe in 2022 and future work

29. Participants are expected to consider progress in the activities of EMEP in 2022 and in relation to the 2022–2023 workplan for the implementation of the Convention. Representatives of centres and task forces will present the main achievements and difficulties in the implementation of the 2022–2023 workplan items, and their relevance in connection with the goals of the long-term strategy for the Convention for 2020–2030 and beyond (Executive Body decision 2018/5).

(a) Improvement and reporting of emission data and adjustments under the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone

(i) Adjustments under the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone

30. The representatives of the Centre on Emission Inventories and Projections and the Task Force on Emission Inventories and Projections will inform the Steering Body about the outcome of the analyses of requests to apply the adjustment procedure. Denmark, France, the Netherlands and the United Kingdom of Great Britain and Northern Ireland submitted new adjustment applications, while Finland submitted data for adjustments approved in previous years.

31. The Steering Body is expected to consider the outcome of the analyses and make recommendations to the Executive Body at its forty-second session.

32. The Chair of the Task Force on Emission Inventories and Projections will present a draft technical guidance for emissions inventory adjustments under the Gothenburg Protocol, as amended. The technical guidance has been prepared in response to a request from the Executive Body to EMEP Steering Body to draft technical guidance to support Parties wishing to use adjustments to demonstrate compliance specifically with the emission reduction commitments in the amended Gothenburg Protocol (ECE/EB.AIR/148, para. 13 (b)).

33. The Steering Body is expected to consider and approve the draft technical guidance and forward it to the Executive Body for consideration at its forty-second session.

Documentation

Review of adjustment applications
(ECE/EB.AIR/GE.1/2022/10–ECE/EB.AIR/WG.1/2022/21)

Technical Guidance for Emissions Inventory Adjustments under the Amended Gothenburg Protocol. Inventory adjustments in the context of emission reduction commitments
(ECE/EB.AIR/GE.1/2022/21–ECE/EB.AIR/WG.1/2022/14)

(ii) Improvement and reporting of emission data

34. The Co-Chairs of the Task Force on Emission Inventories and Projections will report on progress made, including the results of the annual meeting of the Task Force (online, 9–12 May 2022).

35. A representative of the Centre on Emission Inventories and Projections will inform the Steering Body about the status of emissions data reporting, the work of the Centre and the work on data quality. She will report on progress in the inventory improvement programme, in particular as regards the stage 3 in-depth reviews of the emission inventories and the experiences gained in the 2022 review.

36. Participants will discuss and review quality assurance issues regarding national emission inventories. Some national experts from Parties may be invited to present their views on emissions reported to the Convention, especially when significant changes in emission estimates are reported from one year to another.

37. The EMEP Steering Body is expected to provide some guidance on future emission and modelling work on this issue.

38. The Chair of the Task Force on Emission Inventories and Projections will present updated Guidelines for reporting emissions and projections data under the Convention – a document prepared by the Task Force. The document is a revised version of the Guidelines for Reporting Emissions and Projections Data under the Convention (ECE/EB.AIR/125) adopted by the Executive Body at its thirty-second session (Executive Body decisions 2013/3 and 2013/4).

39. The Steering Body is expected to consider and approve the updated guidelines and forward it to the Executive Body for consideration at its forty-second session.

Documentation

Emission inventories and projections
(ECE/EB.AIR/GE.1/2022/6– ECE/EB.AIR/WG.1/2022/17)

Present state of emission data, review process and data for modellers
(ECE/EB.AIR/GE.1/2022/7– ECE/EB.AIR/WG.1/2022/18)

Guidelines for Reporting Emissions and Projections Data under the Convention on Long-range Transboundary Air Pollution
(ECE/EB.AIR/GE.1/2022/20–ECE/EB.AIR/WG.1/2022/13)

(b) Measurements and modelling

40. The EMEP status and technical reports relevant for the evaluation of progress made in 2022 (see documentation list below) will be made available on the EMEP website.⁸ Under this subitem, representatives of the EMEP task forces and centres will report on progress in measurements and modelling activities as follows:

(a) The Co-Chairs of the Task Force on Measurements and Modelling will report on progress, including the results of the twenty-third meeting of the Task Force (online, 3–5 May 2022);

(b) A representative of the Meteorological Synthesizing Centre-West will give an overview of the activities on monitoring and modelling of acidification, eutrophication and photo-oxidants, including progress made by the Chemical Coordinating Centre and the Centre for Integrated Assessment Modelling, the work of the Meteorological Synthesizing Centre-West, discussions within the Task Force on Measurements and Modelling and plans for future work until the end of 2023;

(c) A representative of the Meteorological Synthesizing Centre-East will present an overview of the activities on monitoring and modelling of heavy metals, progress made by the Chemical Coordinating Centre, the work of the Meteorological Synthesizing Centre-East, discussions within the Task Force on Measurements and Modelling and plans for future work until the end of 2023;

(d) A representative of the Chemical Coordinating Centre will present an overview of activities on atmospheric monitoring and modelling of particulate matter, including with respect to work at the Meteorological Synthesizing Centre-West and the Centre for Integrated Assessment Modelling, the work of the Chemical Coordinating Centre, the results of the Task Force on Measurements and Modelling and plans for future work until the end of 2023;

(e) A representative of the Meteorological Synthesizing Centre-East will present an overview of activities on monitoring and modelling of persistent organic pollutants, including with respect to work at the Chemical Coordinating Centre, the work of the Meteorological Synthesizing Centre-East, the results of the Task Force on Measurements and Modelling and plans for future work until the end of 2023.

41. Participants are expected to:

(a) Approve the executive summaries of the 2022 status reports and to decide to present them to the Executive Body;

(b) Discuss the status of implementation of the EMEP monitoring strategy;

(c) Discuss progress made with respect to cooperation with national experts, and provide guidance on means for its improvement;

(d) Discuss progress made in modelling and monitoring activities in 2022 in all the above-mentioned areas of work and provide guidance on the further development of that work;

(e) Provide guidance on the further development of the measurement and modelling work.

Documentation

Measurements and modelling (ECE/EB.AIR/GE.1/2022/4–ECE/EB.AIR/WG.1/2022/15)

EMEP Status Report 1/2022, *Transboundary particulate matter, photo-oxidants, acidifying and eutrophying components* Joint MSC-W & CCC & CEIP Report (forthcoming)⁹

EMEP/MS-C-W Supplementary material to EMEP Status Report 1/2022 (forthcoming)

⁸ See http://emep.int/emep_publications.html.

⁹ EMEP status reports for 2022 will be published in the summer or autumn. At present, the names of the final authors and other publishing details are not available.

MSC-W Data Note 1/2022 Individual Country Reports *Transboundary air pollution by main pollutants (S, N, O₃) and PM* (forthcoming)

EMEP Status Report 2/2022, *Assessment of heavy metal and POP pollution on global, regional and national scales* (forthcoming)

MSC-E Data Report 3/2022 *Assessment of heavy metal and POP pollution on global, regional and national scales. Supplementary materials. Part I: Heavy metals* (forthcoming)

MSC-E Data Report 4/2022 *Assessment of heavy metal and POP pollution on global, regional and national scales. Supplementary materials. Part II: POPs* (forthcoming)

EMEP/CCC Report 1/2022 *Data Report 2020: Particulate matter, carbonaceous and inorganic compounds* (forthcoming)

EMEP/CCC Report 2/2022 *Ozone measurements 2020* (forthcoming)

EMEP/CCC Report 3/2022 *Heavy metals and POP measurements 2020* (forthcoming)

EMEP/CCC Report 4/2022 *VOC measurements 2020* (forthcoming)

EMEP/CEIP Technical Report 01/2022 *Methodologies applied to the CEIP GNFR gap-filling 2022*

Part I: Main pollutants, Particulate Matter and BC (NO_x, NMVOCs, SO_x, NH₃, CO, PM_{2.5}, PM₁₀, PM_{coarse}, BC) (forthcoming)

EMEP/CEIP Technical Report 04/2022 *Methodologies applied to the CEIP GNFR gap-filling 2022*

Part II: Heavy Metals and POPs (Pb, Cd, Hg, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Total polycyclic aromatic hydrocarbons, Dioxin and Furan, Hexachlorobenzene, Polychlorinated biphenyls) (forthcoming)

EMEP/CEIP Technical Report 02/2022 *Inventory Review 2022* (forthcoming)

EMEP/CEIP Technical Report CEIP 03/2022 *Methodology report* (forthcoming)

EMEP/CEIP Technical Report CEIP 05/2022 *Uncertainties in emission inventories submitted under CLRTAP* (forthcoming)

(c) Integrated assessment modelling

42. The Chair of the Task Force on Integrated Assessment Modelling will report on the Task Force activities, including the results of its fifty-first meeting (online, 6–8 April 2022). A representative of the Centre for Integrated Assessment Modelling will also report on activities. The participants are expected to discuss progress made and to provide further guidance on the integrated assessment modelling work.

Documentation

Integrated assessment modelling
(ECE/EB.AIR/GE.1/2022/5–ECE/EB.AIR/WG.1/2022/16)

(d) Hemispheric transport of air pollution

43. The Co-Chairs of the Task Force on Hemispheric Transport of Air Pollution will report on the results of recent activities and meetings that the Task Force co-organized or to which it contributed. The most recent meeting organized by the Task Force was held online on 17–19 and 25 May 2022. The focus was on global emissions and modelling for aerosols, mercury, ozone and persistent organic pollutants.¹⁰

44. Participants are expected to take note of the technical report and the progress in implementation of the respective 2022–2023 workplan items. They may wish to provide guidance for future work.

¹⁰ For details, see <http://htap.org/>.

Documentation

Hemispheric transport of air pollution
(ECE/EB.AIR/GE.1/2022/8–ECE/EB.AIR/WG.1/2022/19)

(e) Condensables in emission inventories and modelling

45. A representative of the Ad-hoc Group of experts on condensables supported by EMEP centres and task forces will present the progress made on improvement in treatment of condensables in emission inventories and modelling. A representative of the Meteorological Synthesizing Centre-West will report on the outcomes of a recent research project on condensables in the Convention funded by the Nordic Council of Ministers.

46. Participants are expected to:

(a) Discuss the status of and available options on how to improve the treatment (completeness and consistency) of condensables in EMEP modelling and reporting of national emission inventories;

(b) Provide guidance and recommendations for further actions and activities, including providing support to Parties;

(c) Forward the guidance and recommendations to the Executive Body for consideration at its forty-second session.

Documentation

Measurements and modelling (ECE/EB.AIR/GE.1/2022/4–ECE/EB.AIR/WG.1/2022/15)

EMEP Status Report 1/2022, *Transboundary particulate matter, photo-oxidants, acidifying and eutrophying components* Joint MSC-W & CCC & CEIP Report (forthcoming)

11. Election of officers

(a) Working Group on Effects

47. At the sixth joint session (Geneva (online), 14–17 September 2020), Ms. Isaura Rábago (Spain) was re-elected as Chair of the Working Group on Effects. Ms Sabine Augustin (Switzerland), Mr. Jesper Bak (Denmark), Ms. Alessandra De Marco (Italy), Mr. Thomas Dirnböck (Austria) and Ms. Gudrun Schuetze (Germany) were re-elected as Vice-Chairs. All Bureau members were elected for a two-year term of office.¹¹

48. The Working Group is expected to elect its chair and three or more vice-chairs following the rules of procedure adopted by the Executive Body for the Convention at its twenty-eighth session (Geneva, 13–17 December 2010), which also apply to the Working Group.¹² In accordance with rule 17 (1) of the rules of procedure, chairs and vice-chairs are elected for a two-year term of office and are eligible for re-election but may not serve more than two consecutive terms unless the Working Group decides otherwise. The Working Group may also wish to decide on continuing to allow representation of the European Commission at Bureau meetings.

(b) Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

49. At the sixth joint session, Ms. Laurence Rouïl (France) was re-elected as Chair of the EMEP Steering Body. Mr. Xavier Querol (Spain) was re-elected as a Vice-Chair. Mr. Mike Holland (United Kingdom of Great Britain and Northern Ireland) and Ms. Joanna Struzewska (Poland) were elected as new Vice-Chairs. All Bureau members were elected for a two-year term of office.¹³

¹¹ ECE/EB.AIR/GE.1/2020/2–ECE/EB.AIR/WG.1/2020/2, para. 78.

¹² ECE/EB.AIR/106/Add.1, decision 2010/19, annex, rule 21 (1).

¹³ ECE/EB.AIR/GE.1/2020/2–ECE/EB.AIR/WG.1/2020/2, para. 77.

50. The Steering Body is expected to elect its chair and three or more vice-chairs following the rules of procedure adopted by the Executive Body for the Convention at its twenty-eighth session, which also apply to the Steering Body (see paragraph 44.). The Steering Body may also wish to decide on continuing to allow representation of the European Commission at Bureau meetings.

12. Other business

51. At the time of writing, the secretariat had no points to propose under this agenda item. Delegations wishing to propose points under this item are requested to inform the secretariat as soon as possible.

13. Adoption of the draft report on the eighth joint session

52. The Chairs, with support from the secretariat, will present a record of the main conclusions and recommendations made at the session, which will form the basis for the draft report. Participants are invited to review and adopt the draft report on the session and entrust the secretariat to finalize it following the session.
