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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****Fifth joint session**

Geneva, 9–13 September 2019

Item 1 of the provisional agenda

Adoption of the agenda**Annotated provisional agenda for the fifth joint session****To be held at the Palais des Nations, Geneva, starting at 3 p.m.
on Monday, 9 September 2019*****I. Provisional agenda**

1. Adoption of the agenda.
2. Progress in emission inventories and other emissions-related issues:
 - (a) Adjustments under the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone (Gothenburg Protocol);
 - (b) Improvement of emission data.
3. Progress in activities of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe in 2019 and future work:
 - (a) Measurements and modelling;

* 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 **16 August 2019** through the web page for the meeting: <http://www.unece.org/index.php?id=50345>. The registration code for the meeting is 54751. This will be a paperless meeting. All the 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: <http://www.unece.org/meetings/practical.html>. In case of difficulty, please contact the Convention secretariat at +41 22 917 3570.



- (b) Treatment of condensables in emission inventories and in modelling;
 - (c) Draft Monitoring Strategy of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe;
 - (d) Integrated assessment modelling.
4. Update of mandates for centres and task forces:
 - (a) Task Force on Hemispheric Transport of Air Pollution;
 - (b) Coordination Centre for Effects, the International Cooperative Programme on Modelling and Mapping of Critical Levels and Loads and Air Pollution Effects, Risks and Trends and the Joint Expert Group on Dynamic Modelling.
5. Draft 2020–2021 workplan for the implementation of the Convention (science part):
 - (a) Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe;
 - (b) Working Group on Effects.
6. Financial and budgetary matters:
 - (a) Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe;
 - (b) Working Group on Effects.
7. Adoption of the report of the fourth joint session.
8. 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.
9. Contribution from science bodies to any future review of the Gothenburg Protocol and revision of the strategies of the Working Group on Effects and the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe.
10. Joint thematic session:
 - (a) Lessons learned from the previous joint thematic sessions (on ammonia and heavy metals);
 - (b) Nitrogen-related issues in Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe and effects-related work;
 - (c) Black carbon in inventories, monitoring and modelling.
11. Outreach efforts, information sharing and cooperation with other organizations and programmes:
 - (a) Hemispheric transport of air pollution;
 - (b) Relevant activities of partner organizations.
12. Information sharing by Parties.
13. Update on the call for data on inventory and condition of stock of materials at United Nations Educational, Scientific and Cultural Organization cultural heritage sites.
14. Progress in activities in 2019 and further development of effects-oriented activities.
15. Cooperation with the European Union and with LifeWatch European Infrastructure Consortium.
16. Other business.
17. Closing of the fifth joint session.

II. Introduction

1. The Executive Body for the Convention on Long-range Transboundary Air Pollution agreed 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 (ECE/EB.AIR/122, para. 47 (b)). The two bodies will hold their fifth joint session from 9 to 13 September 2019 in Geneva, Switzerland.

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 fifth joint session as set out in the present document.¹

Documentation

Annotated provisional agenda for the fifth joint session (ECE/EB.AIR/GE.1/2019/1–ECE/EB.AIR/WG.1/2019/1)

2. Progress in emission inventories and other emissions-related issues

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

3. The representatives of the Centre on Emission Inventories and Projections and the Task Force on Emission Inventories and Projections will inform the Steering Body of the outcome of the analyses of requests by nine Parties (Belgium, Denmark, Finland, France, Germany, Hungary, Luxembourg, Spain and the United Kingdom of Great Britain and Northern Ireland) to apply the adjustment procedure in 2019. The Netherlands submitted a new adjustment application while the other Parties submitted data for adjustments approved in previous years (2014–2018).

4. The Steering Body is expected to consider the outcome of the analyses and make recommendations to the Executive Body at its thirty-ninth session in December 2019.

Documentation

Review of adjustment applications
(ECE/EB.AIR/GE.1/2019/10–ECE/EB.AIR/WG.1/2019/22)

(b) Improvement of emission data

5. The Co-Chairs of the Task Force on Emission Inventories and Projections will report on progress made, including the results of the annual joint meeting of the Task Force with the European Environment Agency's European Environment Information and Observation Network (Thessaloniki, Greece, 13–15 May 2019).

6. A representative of the Centre on Emission Inventories and Projections will inform the Steering Body about the status of emission 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 2019 review.

¹ Documentation for the session and other information materials will be made available on the web page for the session ([http://www.unece.org/index.php?id=43514#/#/](http://www.unece.org/index.php?id=43514#/)).

7. The EMEP Steering Body is expected to provide guidance on future emission-related work.

Documentation

Emission inventories and projections
(ECE/EB.AIR/GE.1/2019/6–ECE/EB.AIR/WG.1/2019/18)

Present state of emission data, review process and data for modellers
(ECE/EB.AIR/GE.1/2019/7–ECE/EB.AIR/WG.1/2019/19)

3. Progress in activities of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe in 2019 and future work

8. Participants are expected to consider progress in the activities of EMEP in 2019 and in relation to the 2018–2019 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 2018–2019 workplan items.

Documentation

2019 joint progress report on policy-relevant scientific findings (ECE/EB.AIR/GE.1/2019/3–ECE/EB.AIR/WG.1/2019/3)

(a) Measurements and modelling

9. The EMEP status and technical reports relevant for the evaluation of progress made in 2019 (see documentation list below) will be made available on the EMEP website² and will also be listed in an informal document that will be posted on the website for the session under agenda item 3. Under this sub-item, 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 twentieth meeting of the Task Force (Madrid, 7–9 May 2019);

(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 2019;

(c) A representative of the Meteorological Synthesizing Centre-East will present an overview of the activities on monitoring and modelling of heavy metals, progress 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 2019;

(d) A representative of the Chemical Coordinating Centre will present an overview of the 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 2019;

(e) A representative of the Meteorological Synthesizing Centre-East will present an overview of the activities on monitoring and modelling of persistent organic pollutants, including with respect to work at the Chemical Coordinating Centre, the work of the

² See http://emep.int/emep_publications.html.

Meteorological Synthesizing Centre-East, the results of the Task Force on Measurements and Modelling and plans for future work until the end of 2019.

10. Participants are expected to:

- (a) Approve the executive summaries of the 2019 status reports and to decide to present them to the Executive Body;
- (b) Discuss the status of implementation of the 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 monitoring and modelling activities in 2019 in all the areas of work mentioned above and provide guidance on the further development of that work.

Documentation

Measurements and modelling (ECE/EB.AIR/GE.1/2019/4–ECE/EB.AIR/WG.1/2019/16)

EMEP Status Report 1/19, *Transboundary particulate matter, photo-oxidants, acidifying and eutrophying components* (forthcoming)³

EMEP Status Report 2/19, *Assessment of Heavy Metal Transboundary Pollution on Regional and National Scales* (forthcoming)

EMEP Status Report 3/19, *Transboundary Transport of Persistent Organic Pollutants* (forthcoming)

(b) Treatment of condensables in emission inventories and in modelling

11. The Co-Chairs of the Task Force on Measurements and Modelling and the Task Force on Emission Inventories and Projections will report on the progress of work on the treatment of condensables in emission inventories and in modelling.

12. The Steering Body is expected to provide further guidance on the further work regarding the treatment of condensables in national emission inventories and in EMEP modelling work.

(c) Draft Monitoring Strategy of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe;

13. The representatives of the Chemical Coordinating Centre and of the Task Force on Measurements and Modelling will brief on the draft revised EMEP Monitoring Strategy for 2020-2019.

14. The Steering Body is expected to discuss the draft revised EMEP Monitoring Strategy and to forward it for consideration and adoption by the Executive Body at its thirty-ninth session in December 2019.

Documentation

Monitoring Strategy for the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe for the period 2020–2029 (ECE/EB.AIR/GE.1/2019/21–ECE/EB.AIR/WG.1/2019/14)

(d) Integrated assessment modelling

15. The Chair of the Task Force on Integrated Assessment Modelling will report on Task Force activities, including the results of its forty-seventh meeting (Brescia, Italy, 8 and 9 May 2018). 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.

³ EMEP status reports for 2019 will be published in the summer or autumn. At present, the final authors and other publishing details are not available.

Documentation

Integrated assessment modelling (ECE/EB.AIR/GE.1/2019/5–ECE/EB.AIR/WG.1/2019/17)

4. Update of mandates for centres and task forces

16. At its thirty-eighth session, the Executive Body took note of the draft revised mandates for the scientific centres and task forces under EMEP and WGE, as contained in documents ECE/EB.AIR/2018/6 and ECE/EB.AIR/2018/7 and adopted them provisionally with amendments made during the session. It further requested the secretariat to finalize them and submit draft decisions for their formal adoption at its next session.” (ECE/EB.AIR/142).

17. The Executive Body took note of the proposal by Sweden to transform the Joint Expert Group on Dynamic Modelling into a new centre under the Working Group on Effects. The Executive Body requested the Working Group on Effects and its Bureau to discuss the proposal at their meetings in 2019 and make a recommendation to the Executive Body for its consideration at its thirty-ninth session. The Bureau of the Working Group on Effects requested the Joint Expert Group to discuss with other task forces and centres under the Working Group on Effects ICPs its new and extended scope of work and to prepare its draft mandate. The scope of work and mandate should be submitted to the Working Group on Effects for its consideration at the fifth joint session in September 2019.

(a) Task Force on Hemispheric Transport of Air Pollution

18. Participants are expected to discuss and finalize the proposed draft updated mandate for the Task Force on Hemispheric Transport of Air Pollution. The EMEP Steering Body may wish to forward the updated mandate for consideration and approval by the Executive Body at its thirty-ninth session in December 2019.

(b) Coordination Centre for Effects, the International Cooperative Programme on Modelling and Mapping of Critical Levels and Loads and Air Pollution Effects, Risks and Trends and the Joint Expert Group on Dynamic Modelling.

19. Participants are expected to discuss and finalize the proposed draft updated mandates for centres and task forces under the Working Group on Effects, the Coordination Centre for Effects, the International Cooperative Programme on Modelling and Mapping of Critical Levels and Loads and Air Pollution Effects, Risks and Trends and the Joint Expert Group on Dynamic Modelling. The Working Group may wish to forward the updated mandates for consideration and approval by the Executive Body at its thirty-ninth session in December 2019.

Documentation

Draft revised mandates for scientific task forces and centres under the Convention – see an informal document under agenda item 4.

5. Draft 2020–2021 workplan for the implementation of the Convention (science part)

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

20. The EMEP Steering Body is expected to discuss and propose elements for the draft 2020–2021 workplan for the implementation of the Convention. The Steering Body will forward the relevant elements of the workplan for consideration and approval by the Executive Body at its thirty-ninth session in December 2019.

(b) Working Group on Effects

21. The Working Group on Effects is expected to discuss and propose elements for the draft 2020–2021 workplan for the implementation of the Convention. The Working Group

will forward the relevant elements of the workplan for consideration and approval by the Executive Body at its thirty-ninth session in December 2019.

Documentation

Draft 2020-2021 workplan for the implementation of the Convention (science part)
ECE/EB.AIR/GE.1/2019/22–ECE/EB.AIR/WG.1/2019/15.

6. Financial and budgetary matters

22. The secretariat will introduce the note on financial and budgetary matters and will report on any updates regarding the payment of mandatory, voluntary and in-kind contributions to EMEP and to co-fund effects-oriented activities in 2018 and 2019. The secretariat will also update participants on the contracts for the Convention centres in 2019 and the information provided by the centres on the total costs of their operation.

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

23. Participants are expected to discuss and adopt the detailed draft budget for co-funding the EMEP centres in 2020, and to submit the budget proposal to the Executive Body for its approval.

(b) Working Group on Effects

24. Participants are expected to discuss the draft budget for co-funding the centres under the Working Group in 2020, and to submit the budget proposal to the Executive Body for its approval.

Documentation

Financial and budgetary matters (ECE/EB.AIR/GE.1/2019/19–ECE/EB.AIR/WG.1/2019/12)

7. Adoption of the report of the fourth joint session

25. Participants will be invited to adopt the report of the fourth joint session of the EMEP Steering Body and the Working Group on Effects.

Documentation

Report of the fourth joint session 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.1/2018/2–ECE/EB.AIR/WG.1/2018/2)

8. 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

26. The Chair of the Executive Body for the Convention and the secretariat will inform participants about matters arising from the thirty-eighth session of the Executive Body in December 2018 (see ECE/EB.AIR/142) and the fifty-seventh session of the Working Group on Strategies and Review in May 2019 (see ECE/EB.AIR/WG.5/122, forthcoming). The Chairs of the EMEP Steering Body and the Working Group will present a summary of the work of their Bureaux since the fourth joint session. 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.1/2019/9–ECE/EB.AIR/WG.1/2019/21)

9. Contribution from science bodies to any future review of the Gothenburg Protocol and revision of the strategies of the Working Group on Effects and the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

27. At its thirty-eighth session (Geneva, 10–14 December 2018), the Executive Body for the Convention invited Parties to and subsidiary bodies of the Convention to submit views on issues that should be discussed at the fifty-seventh session of the Working Group on Strategies and Review during policy discussions pursuant to item 2.1.3 of the 2018–2019 workplan for the Convention (see ECE/EB.AIR.140/Add.1). In particular, the EMEP Steering Body and the Working Group on Effects were invited to submit any additional scientific and technical information that they consider should inform the policy discussions. The Chairs of the EMEP Steering Body and the Working Group on Effects will brief about the contribution provided by the two science bodies for consideration by the Working Group on Strategies and Review and the Executive Body.

28. At its thirty-eighth session the Executive Body adopted the revised Long-term strategy for the Convention on Long-range Transboundary Air Pollution for 2020–2030 and beyond (Decision 2018/5). Therefore, the strategies of the Working Group on Effects and of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe, will need to be revised, accordingly. The Steering Body to EMEP and the Working Group on Effects are expected to discuss the strategies' revisions with the aim to submit the revised strategies to the Executive Body for its consideration and approval at its fortieth session in December 2020.

Documentation

Contribution from science bodies to any future review of the Gothenburg Protocol – informal document under agenda item 9.

10. Joint thematic session

29. A joint thematic session will be held to discuss three issues:

- (a) Lessons learned from the previous joint thematic session held in September 2018;
- (b) Nitrogen-related issues in EMEP and effects-related work; and
- (c) Black carbon in inventories, monitoring and modelling. 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) Lessons learned from the previous joint thematic session (on ammonia and heavy metals)

30. In a discussion on the lessons learned from the thematic session held in the framework of the fourth joint session, participants will address the following questions:

- (a) What are the key conclusions and recommendations for the Steering Body and the Working Group?;
- (b) Are any follow-up activities needed?;
- (c) What are the recommendations to be forwarded to the Executive Body?

Contributions are expected from the EMEP and Working Group communities and from Parties.

(b) Nitrogen-related issues in Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe and effects-related work;

31. In an in-depth discussion on nitrogen, participants will address the following questions:

- (a) What is the current scientific knowledge and understanding about nitrogen-related issues, including its sources?;
- (b) What are the related impacts on health and ecosystems?;
- (c) What are the scientific needs in the short- and long-term perspectives with respect to ammonia pollution?

(c) Black carbon in inventories, monitoring and modelling.

32. During a segment on black carbon, the focus will be on “source to accumulation”. Participants will address the following questions:

- (a) What is the current scientific knowledge and understanding about black carbon pollution, its definition and sources?;
- (b) What are the scientific needs in the short- and long-term perspectives with respect to black carbon pollution?

11. Outreach efforts, information sharing and cooperation with other organizations and programmes

(a) Hemispheric transport of air pollution

33. 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.

34. Participants are expected to discuss and approve the main findings of the Task Force on Hemispheric Transport of Air Pollution and to provide guidance for its further work.

Documentation

Hemispheric transport of air pollution
(ECE/EB.AIR/GE.1/2019/8–ECE/EB.AIR/WG.1/2019/20)

(b) Relevant activities of partner organizations

35. Representatives of partner organizations and programmes (for example, the Arctic Monitoring and Assessment Programme, the Copernicus Atmosphere Monitoring Service, 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.

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

12. Information sharing by Parties

37. 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 and obstacles to implementation.

38. 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.

13. Update on the call for data on inventory and condition of stock of materials at United Nations Educational, Scientific and Cultural Organization cultural heritage sites.

39. Representatives of the Main Research Centre of the International Cooperative Programme on Effects of Air Pollution on Materials, including Historic and Cultural Monuments will provide an update on the call for data launched in October 2015. The purpose of the call for data is to offer interested Parties the opportunity to retrieve any available documented information on United Nations Educational, Scientific and Cultural Organization (UNESCO) cultural heritage sites for the assessment of the stock of materials at risk and the analysis of the impact of air pollutant concentrations in different pollution and environmental scenarios.

Documentation

Effects of air pollution on materials
(ECE/EB.AIR/GE.1/2019/13–ECE/EB.AIR/WG.1/2019/6)

The current status of air pollution effects on materials and United Nations Educational, Scientific and Cultural Organization world cultural heritage sites in Europe
(ECE/EB.AIR/GE.1/2019/20–ECE/EB.AIR/WG.1/2019/13)

14. Progress in activities in 2019 and further development of effects-oriented activities.

40. Participants will discuss the 2019 joint progress report on policy-relevant scientific findings, which will highlight the main outcomes of the work under EMEP and the Working Group on Effects. They will also consider technical documents from the International Cooperative Programmes, which cover effects-oriented activities based on the 2018–2019 workplan for the implementation of the Convention (ECE/EB.AIR.140/Add.1), the thematic report on the current status of air pollution effects on materials and UNESCO world cultural heritage sites in Europe (ECE/EB.AIR/GE.1/2019/20–ECE/EB.AIR/WG.1/2019/13) and other documents and publications made available by the International Cooperative Programmes. Lead countries will draw attention to recent activities, publications and task force meetings.

41. Participants are expected to take note of the progress made. They may wish to provide guidance for future activities. The review of recent results is expected to cover the following pollution-specific topics: (a) cross-cutting items; (b) acidification and nutrient nitrogen; (c) ozone; and (d) particulate matter, heavy metals and persistent organic pollutants. Under each topic, representatives of International Cooperative Programmes will make contributions regarding implementation of the relevant workplan items and the other work carried out. The presentations will also include issues from the technical reports of the International Cooperative Programmes and workshops.

42. Representatives of the Bureau of the Working Group on Effects and International Cooperative Programmes will update participants on progress in implementing the recommendations from the review of the cooperative programmes, including the progress on the setting up of a common web page for the Working Group.

43. Participants are expected to take note of the technical reports and the completion of the respective 2018–2019 workplan items. They may wish to provide guidance for future work.

Documentation

2019 joint progress report on policy-relevant scientific findings
(ECE/EB.AIR/GE.1/2019/3–ECE/EB.AIR/WG.1/2019/3)

Effects of air pollution on forests
(ECE/EB.AIR/GE.1/2019/11–ECE/EB.AIR/WG.1/2019/4)

Effects of air pollution on rivers and lakes
(ECE/EB.AIR/GE.1/2019/12–ECE/EB.AIR/WG.1/2019/5)

Effects of air pollution on materials
(ECE/EB.AIR/GE.1/2019/13–ECE/EB.AIR/WG.1/2019/6)

Effects of air pollution on natural vegetation and crops
(ECE/EB.AIR/GE.1/2019/14–ECE/EB.AIR/WG.1/2019/7)

Integrated monitoring on air pollution effects on ecosystems
(ECE/EB.AIR/GE.1/2019/15–ECE/EB.AIR/WG.1/2019/8)

Modelling and mapping
(ECE/EB.AIR/GE.1/2019/16–ECE/EB.AIR/WG.1/2019/9)

Effects of air pollution on health
(ECE/EB.AIR/GE.1/2019/17–ECE/EB.AIR/WG.1/2019/10)

Dynamic modelling
(ECE/EB.AIR/GE.1/2019/18–ECE/EB.AIR/WG.1/2019/11)

15. Cooperation with the European Union and with LifeWatch European Infrastructure Consortium

44. The Chair of the Working Group on Effects will provide an update on cooperation between the International Cooperative Programmes and the European Union on long-term ecosystem monitoring. She will also provide an update on cooperation with LifeWatch European Infrastructure Consortium.

16. Other business

45. 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.

17. Closing of the fifth joint session

46. The secretariat will present the highlights of and decisions taken at the session. Participants are expected to adopt the decisions taken during the joint session and give directions to the secretariat for finalizing the report.

IV. Organization of work

<i>Date and time</i>	<i>Item No.</i>	<i>Agenda item</i>
Monday, 9 September 2019		
3 p.m.	1	Adoption of the agenda
3.05–4.30 p.m.	2 (a and b)	Progress in emission inventories and other emissions-related issues
4.30–6 p.m.	3 (a–d)	Progress in activities of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe in 2019 and future work
Tuesday, 10 September 2019		
10–11.45 a.m.	3 (a–d)	Progress in activities of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe in 2019 and future work (continued)
11.45 a.m.–12.05 p.m.	4 (a)	Update of mandates for centres and task forces: Task Force on Hemispheric Transport of Air Pollution
12.05–12.30 p.m.	5 (a)	Draft 2020–2021 workplan for the implementation of the Convention (science part)
12.30–1 p.m.	6 (a)	Financial and budgetary matters: Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe
3–3.10 p.m.	7	Adoption of the report of the fourth joint session
3.10–3.30 p.m.	8	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
3.30–4.30 p.m.	9	Contribution from science bodies to any future review of the Gothenburg Protocol and revision of the strategies of the Working Group on Effects and the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe
4.30–6 p.m.	10 (a–c)	Joint thematic session: lessons learned from the previous joint thematic session (on ammonia and heavy metals); nitrogen-related issues in Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe and effects-related work; black carbon in inventories, monitoring and modelling
Wednesday, 11 September 2019		
10–11.45 a.m.	10 (a–c)	Joint thematic session: lessons learned from the previous joint thematic session; nitrogen-related issues in Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe and effects-related work; black carbon in inventories, monitoring and modelling (continued)
11.45 a.m.–1 p.m.	11 (a)	Outreach efforts, information sharing and cooperation with other organizations and programmes: hemispheric transport of air pollution

<i>Date and time</i>	<i>Item No.</i>	<i>Agenda item</i>
3–6 p.m.	11 (b)	Outreach efforts, information sharing and cooperation with other organizations and programmes: relevant activities of partner organizations
Thursday, 12 September 2019		
10–11.30 a.m.	12	Information sharing by Parties
11.30–11.45 a.m.	13	Update on the call for data on inventory and condition of stock of materials at United Nations Educational, Scientific and Cultural Organization cultural heritage sites
11.45 a.m.–1 p.m.	14	Progress in activities in 2019 and further development of effects-oriented activities
3–6 p.m.	14	Progress in activities in 2019 and further development of effects-oriented activities (continued)
Friday, 13 September 2019		
10–10.15 a.m.	15	Cooperation with the European Union and with LifeWatch European Infrastructure Consortium
10.15–10.45 a.m.	4 (b)	Update of mandates for centres and task forces: Coordination Centre for Effects, ICP Modelling and Mapping and the Joint Expert Group on Dynamic Modelling
10.45–11.45 a.m.	5 (b)	Draft 2020–2021 workplan for the implementation of the Convention (science part): Working Group on Effects.
11.45 a.m.–12.15 p.m.	6 (b)	Financial and budgetary matters: Working Group on Effects
12.15–12.30 p.m.	16	Other business
12.30–1 p.m.	17	Closing of the fifth joint session