



Economic Commission for EuropeExecutive Body for the Convention on Long-range
Transboundary Air Pollution**Working Group on Strategies and Review****Sixty-first session**

Geneva, 4–6 September 2023

**Report of the Working Group on Strategies and Review
on its sixty-first session****I. Introduction**

1. The sixty-first session of the Working Group on Strategies and Review under the Convention on Long-range Transboundary Air Pollution was held in Geneva on 4–6 September 2023.

2. A representative of Ukraine informed the Working Group about the damage, including the environmental damage, caused by the full-scale invasion of Ukraine by the Russian Federation.¹ A representative of the United States of America, also intervening on behalf of Canada, Georgia, Norway, Switzerland and the United Kingdom of Great Britain and Northern Ireland, and a representative of the European Union strongly condemned the aggression of the Russian Federation against Ukraine and expressed their solidarity with the people of Ukraine.

A. Attendance

3. The representatives of the following Parties to the Convention participated in the session: Armenia, Austria, Azerbaijan, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czechia, Denmark, Estonia, European Union, Finland, France, Georgia, Germany, Hungary, Ireland, Italy, Kyrgyzstan, Lithuania, Luxembourg, Malta, Netherlands, Norway, Portugal, Republic of Moldova, Spain, Sweden, Switzerland, Ukraine, United Kingdom of Great Britain and Northern Ireland and United States of America. A representative of Uzbekistan also attended the meeting.

4. Representatives of non-governmental organizations (NGOs), including the European Environmental Bureau, the European Chemical Industry Council and the European Federation of Clean Air and Environmental Protection Associations, participated in the session. Also present at the meeting were representatives of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

¹ The text of the statement is available on the web page of the session at <https://unece.org/environmental-policy/events/working-group-strategies-and-review-sixty-first-session>.



(EMEP) Centre for Integrated Assessment Modelling, the Technical Reference Centre for Air Pollution and Climate Change and The One Goal Initiative for Governance.

B. Organizational matters

5. In the absence of the Chair of the Working Group on Strategies and Review, and pursuant to rule 19 of the rules of procedure for the sessions of the Executive Body, applicable to subsidiary bodies in accordance with rule 21 thereof,² the meeting was co-chaired by the Working Group Vice-Chairs Ms. Dominique Pritula (Canada) and Mr. John Salter (United Kingdom of Great Britain and Northern Ireland).

6. The Working Group on Strategies and Review adopted the agenda for its sixty-first session, as set out in document ECE/EB.AIR/WG.5/129.

II. Progress in the implementation of the 2022–2023 workplan

7. The Working Group took note of the report of the Task Force on Techno-economic Issues (ECE/EB.AIR/WG.5/2023/INF.1) on the progress made in carrying out the activities contained in the 2022–2023 workplan for the implementation of the Convention (ECE/EB.AIR/148/Add.1), including the review of annex VIII to the Gothenburg Protocol, as well as additional information presented by its Co-Chair, and expressed its appreciation to the Task Force for its work. The representative of the European Union provided comments on the informal background document on reduction techniques for mobile sources and the review of annex VIII to the Gothenburg Protocol.

8. The Working Group discussed the draft guidance document on technical measures for reduction of methane emissions from landfill, the natural gas grid and biogas facilities (ECE/EB.AIR/WG.5/2023/3) and the draft guidance document on technical measures for reduction of emissions from shipping (ECE/EB.AIR/WG.5/2023/4), prepared by the Task Force on Techno-Economic Issues and revised by the Task Force following inputs from delegations.

9. The Working Group took note of the report of the Task Force on Reactive Nitrogen (ECE/EB.AIR/WG.5/2023/INF.2) on the progress made in carrying out the activities contained in the 2022–2023 workplan for the implementation of the Convention, as well as additional information presented by its Co-Chairs, and expressed its appreciation to the Task Force for its work. The representatives of the European Union, Canada and Switzerland expressed their support for the revision of the guidance document on preventing and abating ammonia emissions from agricultural sources (ECE/EB.AIR/120), and requested that Parties be closely involved and consulted in the revision process.

10. The Working Group discussed the draft document entitled “Co-mitigation of methane and ammonia emissions from agricultural sources: policy brief and guidance” (ECE/EB.AIR/WG.5/2023/5), prepared by the Task Force on Reactive Nitrogen in cooperation with the Task Force on Techno-Economic Issues. The Task Force on Reactive Nitrogen was also asked to update the draft document in line with comments submitted by delegations in writing.

11. The Working Group forwarded the following documents as amended during the session to the Executive Body for adoption at its forty-third session (Geneva, 11–14 December 2023):

- (a) Draft Guidance document on technical measures for reduction of methane emissions from landfill, the natural gas grid and biogas facilities;
- (b) Draft guidance document on technical measures for reduction of air pollutant emissions from shipping;

² See https://unece.org/DAM/env/documents/2016/AIR/Decision2010_9and2013_1.pdf.

(c) Draft document entitled “Co-mitigation of methane and ammonia emissions from agricultural sources”.

12. The Working Group took note of the report of the Task Force for International Cooperation on Air Pollution (ECE/EB.AIR/WG.5/2023/INF.3) on the progress in carrying out the activities contained in the 2022–2023 workplan for the implementation of the Convention, as well as additional information presented by its Co-Chair, and expressed its appreciation to the Task Force for its work.

13. The Working Group took note of the information presented by the Co-Chair of the Task Force on Integrated Assessment Modelling on the progress in carrying out the activities contained in the 2022–2023 workplan for the implementation of the Convention and expressed its appreciation to the Task Force for its work. It also took note of the information presented by the Deputy Head of the EMEP Centre for Integrated Assessment Modelling on the feasibility of introducing a risk-based overarching goal for the Convention, in particular a health damage reduction target. The representative of the United States of America expressed her support for continued discussion on the target(s) related to risks to health and ecosystem services.

14. The Working Group expressed its appreciation to Mr. Tiziano Pignatelli, outgoing Co-Chair of the Task Force on Techno-economic Issues and to Mr. Rob Maas, outgoing Co-Chair of the Task Force on Integrated Assessment Modelling, for their long-standing contribution to the work of the Convention. The Working Group welcomed Ms. Cecilia Camporeale (Italy), the new Co-Chair of the Task Force on Techno-economic Issues, and Ms. Simone Schucht (France), the new Co-Chair of the Task Force on Integrated Assessment Modelling.

III. Policy options to address the conclusions of the review of sufficiency and effectiveness of the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone, as amended in 2012

15. The Working Group discussed the policy approaches and options outlined in the official document entitled “Options to address the conclusions of the review of the Gothenburg Protocol, as amended in 2012”, including its recommendations and the tables as contained in the accompanying informal documents. The Working Group expressed its thanks to the expert group on policy options development for preparing the documents. The expert group presented a revised track-changes version of the above-mentioned official document reflecting the comments sent on the initial version.

16. The representative of the European Union provided comments on the updated version of the above-mentioned official document, adding that the European Union had noted the recommendation to start the revision process and would further consider the proposed list of elements that could be covered in such a process, without committing to an outcome of negotiations. The representative of Ukraine noted the importance of: (a) continued work to improve Parties’ emission inventories; (b) the introduction of additional flexibility provisions to overcome ratification barriers; (c) the development of a financing mechanism to support the implementation of the amended Gothenburg Protocol; (d) focusing on emission limit values for new installations and providing sufficient time to upgrade or decommission old installations; and (e) the expansion of capacity-building and awareness-raising to facilitate ratification. She added that a stepwise approach, with gradual ratification of technical annexes and a phased adoption of the Protocol commitments, deserved consideration.

17. The representative of Canada noted that all review conclusions could be addressed through a comprehensive revision of the Protocol and that some of the proposed options could be combined in the future. She agreed broadly with the recommendations made by the expert group and stressed the importance of continued capacity-building and awareness-raising. The representative of the United Kingdom of Great Britain and Northern Ireland suggested that any discussions on the way forward should be inclusive, bringing together as many Parties as possible, and should take into account the conclusions of the review. She further

suggested that, along with options set out in the document, other options could also be considered, and that suboptions and relevant information could be reflected in the workplan. The representative of the United States of America expressed support for launching the process of a comprehensive revision of the Protocol, as it would be an opportunity to: address barriers to ratification and implementation; incorporate new measures on methane and black carbon; potentially revise the commitments; and add any new elements, such as goals related to risks to health and ecosystems. She stressed the importance of enhancing capacity-building, awareness-raising and cooperation beyond the United Nations Economic Commission for Europe (ECE) region. The representative of Switzerland considered a comprehensive revision of the Protocol to be the most promising way forward, in the meantime suggesting keeping the option of developing a new instrument for further discussion.

18. The Working Group:

(a) Welcomed and took note of the document entitled “Options to address the conclusions of the review of the Gothenburg Protocol, as amended in 2012” and expressed its satisfaction with the document in terms of its usefulness to Parties in informing decisions on the path forward to address the conclusions of the review of the Gothenburg Protocol;

(b) Requested the expert group to update the document to include clarifications requested by delegations during the session by 7 September 2023, in time for submission to the Executive Body;

(c) Considered and welcomed the outcomes of the informal brainstorming session for non-Parties to the Gothenburg Protocol, as amended, held on the margins of the Working Group’s session;

(d) Concluded that there was significant support for a revision of the Gothenburg Protocol, including the text and annexes, as the path forward for addressing the conclusions of the review of the Gothenburg Protocol, as amended in 2012, with due consideration of removing barriers to ratification and implementation, in combination with enhancing capacity-building and outreach activities;

(e) Recommended to the Executive Body that it launch a process for revising the Gothenburg Protocol at its forty-third session.

19. The Working Group discussed and provided initial comments on a proposed draft Executive Body decision prepared by the Chairs of the Executive Body and the Working Group in cooperation with the Bureau of the Working Group. A proposal for additional preliminary text edits to the draft decision was presented by a group composed of a number of delegations. The Working Group recommended that the draft decision also reflect the main outcomes from the brainstorming session for non-Parties to the Gothenburg Protocol.

20. The Working Group forwarded the initial feedback provided during the session, along with the proposed preliminary text edits, for further consideration by the Executive Body Bureau, on the understanding that a revised version of the draft decision based on those inputs would be included in the pre-session document provided for consideration by the Executive Body at its forty-third session. The Working Group noted that Parties could make further amendments to the proposed decision at the forty-third session of the Executive Body, and that delegations would reserve judgement on the proposed decision until that meeting.

IV. Draft 2024–2025 workplan for the implementation of the Convention: policy-related aspects and elements

21. The Working Group agreed on the policy-related aspects and elements of the draft 2024–2025 workplan for the implementation of the Convention (see annex to present report) and forwarded them to the Executive Body for consideration at its forty-third session. The representative of the European Union shared some proposals for prioritization of draft workplan items considering the uncertainty of available resources.

V. Information-sharing by Parties on the implementation of the Convention

22. The Working Group took note of the information presented by the representatives of Denmark, the European Union, the United States of America and Ukraine³ on their policies, practices and lessons learned with respect to the implementation of the Convention and its protocols. The Working Group noted that the written reports by Belgium, Croatia, Denmark, Estonia, the European Union, Georgia, Italy, Luxembourg, Poland and Slovakia in 2023 had been made available on a dedicated web page.⁴

23. The Working Group recalled that, in accordance with paragraph 4 of Executive Body decision 2016/3,⁵ the period for reporting the information referred to in article 5 (1) (a) of the Protocol on Further Reduction of Sulphur Emissions, article 7 (1) (a) of the Protocol on Heavy Metals, article 9 (1) (a) of the Protocol on Persistent Organic Pollutants and article 7 (1) (a) of the Gothenburg Protocol was at least once every four years. The Working Group strongly encouraged the Parties that had not reported during recent years on the respective protocols to do so at its next session.

VI. Review of the rules of procedure for sessions of the Executive Body

24. The Working Group discussed the report on the review of the rules of procedure (ECE/EB.AIR/WG.5/2023/INF.4) prepared by an ad hoc group of experts and took note of the information presented by the Chair of the ad hoc group. The Working Group expressed its appreciation to the ad hoc group for the review.

25. The representative of the European Union provided its comments on the report.⁶ The representatives of Canada, the United States of America and the United Kingdom of Great Britain and Northern Ireland stressed the importance of keeping all proposals of the ad hoc group of experts for discussion by the Executive Body at its forty-third session. The representative of Canada suggested that a comprehensive revision of the rules of procedure be launched. The representative of the United States of America noted the need for further clarification on a number of aspects, such as the public format of meetings, the term of office of elected officers and the voting procedure. She suggested retaining the provision on the adoption of amendments to the rules of procedure by consensus of the Executive Body. The representative of the United Kingdom of Great Britain and Northern Ireland suggested that the ad hoc group make additional recommendations on potential changes to improve operations under the Convention that would not require amendments to the rules of procedure. The representative of Norway agreed with the comments of the representative of the European Union, noting that there was no need to accelerate the process and that Parties should take their decision when they were ready to do so.

26. The Working Group recommended that the Executive Body at its forty-third session: (a) consider the report on the review in conjunction with the legal assessment to be made by the ad hoc group of legal experts and inputs by Parties, with a view to concluding its consideration in 2024; and (b) request the Working Group to make recommendations to it at its forty-fourth session.

³ The presentations delivered are available on the session's web page.

⁴ See <https://unece.org/strategies-and-policies-abatement-air-pollution>.

⁵ All Executive Body decisions referred to in the present document are available at <https://unece.org/decisions>.

⁶ Available on the web page of the session under the section "Presentations and statements".

VII. Financial requirements for implementation of the Convention

27. The secretariat presented information on the resource requirements to support the implementation of intergovernmental activities under the Convention in the period 2024–2025. The Working Group took note of the information presented. Delegations highlighted various elements that would require further clarification, and changes as needed by the secretariat for the updated version of the tables to be included in the financial requirements document (ECE/EB.AIR/2023/2) for consideration by the Executive Body. The Working Group suggested that the Executive Body Bureau, with support from the secretariat, investigate that matter further and prepare a proposal for a long-term solution for consideration by the Executive Body as soon as possible.

VIII. Election of officers

28. In accordance with rule 21 of the rules of procedure, the Working Group elected Ms. Filipa Marques (Portugal), Mr. Salter (United Kingdom of Great Britain and Northern Ireland) and Ms. Allie Davis (United States of America) for a first term as Vice-Chairs of the Working Group.

IX. Other business

29. A representative of Sweden informed the Working Group of the outcomes of the Saltsjöbaden VII workshop (Gothenburg, Sweden, 13–15 March 2023). The Working Group took note of the recommendations of the workshop addressed to it and to the respective task forces and recommended that the Executive Body consider said recommendations at its forty-third session.

30. The Chair of the Executive Body informed participants about the outcomes of the side event “International Day of Clean Air for Blue Skies: Together for Clean Air” (6 September) co-organized by ECE and the United Nations Environment Programme on the margins of the Working Group’s session. The Working Group took note of the information presented.

X. Adoption of the draft report on the sixty-first session

31. The Working Group on Strategies and Review reviewed and adopted the draft report containing conclusions and recommendations agreed at its sixty-first session. It entrusted the secretariat with finalizing the report.

Annex

I. Aspects and elements of the draft 2024–2025 workplan for the implementation of the Convention, section II (policy)

1. In line with the priorities set out in the long-term strategy for the Convention,¹ the policy-related work in the period 2024–2025 will, inter alia, aim to support increased ratification and implementation of the three most recent protocols as amended (i.e. the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone (Gothenburg Protocol), the Protocol on Heavy Metals and the Protocol on Persistent Organic Pollutants) throughout the United Nations Economic Commission for Europe (ECE) region. It will also continue to focus on the pollutants best controlled at the regional level and/or requiring control in order to solve regional air pollution problems, and consider the need for further action to address emerging issues, including particulate matter (PM) and its precursors, black carbon (BC) as a component of PM, tropospheric ozone (O₃) and its precursors, eutrophying pollution with a focus on ammonia (NH₃) and, where still needed, acidifying pollution. An integrated approach for environmental policymaking will be sought that includes interaction between ground level O₃, nitrogen (N), climate change and ecosystems; integrated N management; and co-benefits and interactions between air pollution and climate change policies. The policy work will also address the conclusions and recommendations of the review of the Gothenburg Protocol as amended (decision 2022/4 and ECE/EB.AIR/150/Add.2). Cooperation with other stakeholders will be sought to ensure the uptake of analytical work and guidance developed under the Convention. Specific policy-related activities in the period 2024–2025 are presented in table 1 below.

Table 1
Policy

<i>Workplan item</i>	<i>Activity description/objective</i>	<i>Expected outcome/deliverable</i>	<i>Lead body(ies)</i>	<i>Resource requirements and/or funding source</i>
2.1	Analysis of policy-relevant information and follow-up to review of the Gothenburg Protocol, as amended			
2.1.1	Exchange of information on national, subregional and regional policies and strategies for control of major air pollutants, in accordance with art. 8 of Convention and protocols thereto	Information on strategies and policies for air pollution abatement throughout ECE region, including information on measures shared at WGSR sessions, following decision 2016/3	Secretariat, WGSR	
2.1.2	Work to support the process to address the conclusions of the review of Gothenburg Protocol, as amended	Report provided to Executive Body	WGSR	
2.1.3	Provide technical support on options to inform preparations for possible future updating of	Extent dependent on availability of additional resources and according to guidance from WGSR	TFRN	Subject to availability of resources

¹ Decision 2018/5, annex.

<i>Workplan item</i>	<i>Activity description/objective</i>	<i>Expected outcome/deliverable</i>	<i>Lead body(ies)</i>	<i>Resource requirements and/or funding source</i>
	annex IX to Gothenburg Protocol			
2.1.4	Promotion and use of multiscale modelling to inform regional and/or local air quality management	Policy brief on multiscale modelling	TFIAM, TFICAP	
2.1.5	Discussions of policy impacts of reporting of condensable part in PM emissions	Recommendations provided to Executive Body	WGSR	
2.1.6	Continued cooperation with and monitoring of work within INMS on International Nitrogen Assessment, including preparation of specific summary for Convention's policymakers	Identifying and highlighting report recommendations relevant for Air Convention, and identification of most effective N measures. Summary of Air Convention relevant messages shared with WGSR	TFRN	Subject to availability of resources
2.1.7	Analyse implications of NH ₃ as energy carrier as part of decarbonization strategies, including possible emissions of NH ₃ , N ₂ O and NO _x , and possible interactions with international N market prices	Information note submitted to WGSR	TFRN in cooperation with TFIAM and TFTEI	Subject to availability of resources
2.1.8	Examination of benefits and barriers to dietary change to reduce N air pollution, including co-benefits, possible scenarios and opportunities to overcome barriers	(a) Information document on benefits, including co-benefits, and barriers of dietary change, possible scenarios and opportunities to overcome barriers (b) Information document on opportunities for bioeconomy technologies and measures (c) Thematic session as part of WGSR session on use of non-technical (dietary) measures to reduce NH ₃ and other pollutants emissions	TFRN in cooperation with TFIAM TFRN TFRN	Subject to availability of resources Subject to availability of resources
2.1.9	Assessment of opportunities for mobilizing N recovery and reuse (white NH ₃ and white N) leading to extension of existing database	Short information document	TFRN	Scale of effort subject to additional resources
2.1.10	Assessment of risks associated with "alkaline air" and analysis of policy implications	Short information document	TFRN in cooperation with WGE	Scale of effort subject to additional resources

<i>Workplan item</i>	<i>Activity description/objective</i>	<i>Expected outcome/deliverable</i>	<i>Lead body(ies)</i>	<i>Resource requirements and/or funding source</i>
2.1.11	Assessment of technical and non-technical options for meeting Global Biodiversity Framework target 7, with special reference to N air pollution, including benefits of such action	Short information document	TFRN in cooperation with WGE	Scale of effort subject to additional resources
2.1.12	Provide further analysis on potential implications of introducing collective risk-based targets for ECE region to address air pollution impacts on health and ecosystems	Policy brief on this analysis	TFIAM	
2.1.13	Consideration of proposals by the group of experts reviewing rules of procedure, as well as views provided by the ad hoc group of legal experts, on possible amendments to rules of procedure	Recommendations on potential amendments to rules of procedure provided to the Executive Body at its forty-fourth session	WGSR	
2.2	Development and promotion of guidance documents			
2.2.1	Promotion of guidance documents, including those recently adopted	Explore opportunities to promote guidance documents, including those recently adopted within and beyond ECE region	TFRN, TFIAM, TFTEI, TFICAP	
2.2.2	Revision of guidance documents on control techniques for emissions from stationary and mobile sources	Updated guidance documents submitted to Executive Body in 2025	TFTEI	
2.2.3	Development of guidance document on non-technical and structural measures	Draft guidance document submitted to Executive Body for adoption	TFIAM, TFRN, TFTEI	
2.2.4	Scoping of possible integrated N framework code (linking different forms of N, including interactions with other gases)	Information document prepared to support discussion by WGSR in 2024 on possible merits of such a framework code in relation to needs of different audiences and relationship to other framework codes	TFRN	Subject to funding
2.2.5	Revision and publication of Guidance document on national nitrogen budgets and supporting documents	(a) Revised Guidance document on national nitrogen budgets submitted for consideration to WGSR and Executive Body in 2025 (b) Extended summary for policymakers based on revised Guidance document (c) Policy brief based on revised Guidance document and extended summary for policymakers to engage with parallel activities	TFRN	In-kind contributions by Germany Subject to funding

<i>Workplan item</i>	<i>Activity description/objective</i>	<i>Expected outcome/deliverable</i>	<i>Lead body(ies)</i>	<i>Resource requirements and/or funding source</i>
		(d) Call for data to Parties in 2025, encouraging them to make use of reporting template on national nitrogen budgets with analysis of results in 2025–2026		
2.2.6	Continue revision of Guidance document for preventing and abating ammonia emissions from agricultural sources	Revised Guidance document ready for submission to WGSR in 2025–2026 (depending on availability of resources)	TFRN	Subject to co-funding from Parties for stakeholder workshops
2.2.7	Review ECE Framework Code for Good Agricultural Practice for Reducing Ammonia Emissions and commence revision based on conclusion of revised Guidance document for preventing and abating ammonia emissions from agricultural sources	Revised document submitted in 2026–2027	TFRN	Subject to availability of funding
2.2.8	Further elaboration on interactions between emissions of CH ₄ and NH ₃ , and other N compounds, and potential for their co-mitigation from agricultural sources	Guidance document and policy brief developments	TFRN in cooperation with TFTEI and other bodies	€50,000, subject to availability of co-funding

Abbreviations: CH₄, methane; INMS, International Nitrogen Management System; NH₃, ammonia; N₂O, nitrous oxide; NO_x, nitrogen oxides; TFIAM, Task Force on Integrated Assessment Modelling; TFICAP, Task Force for International Cooperation on Air Pollution; TFRN, Task Force on Reactive Nitrogen; TFTEI, Task Force on Techno-economic Issues; WGE, Working Group on Effects; WGSR, Working Group on Strategies and Review.

II. Aspects and elements of the draft 2024–2025 workplan for the implementation of the Convention, section V (communication, outreach and cooperation)

2. In accordance with the long-term strategy for the Convention for 2020–2030 and beyond, there is a need for improved communication on work under the Convention, achievements and remaining challenges in order to raise awareness among policymakers and the public. The strategy states that: “The strong available scientific evidence of the negative impact of air pollution on health, materials and ecosystems highlights the need for further action in order to improve air quality and public health, including by increasing cooperation with non-ECE regions.”² The strategy also states that: “The bodies under the Convention should also enhance efforts in their communication activities to raise awareness of the compelling environmental, health and economic rationale for action on air pollution and to increase the visibility of the Convention, building on the successes of multilateral cooperation within the Convention system in dealing with increasingly complex science-policy issues.”³ Communication, outreach and awareness-raising activities will be undertaken to maintain the Convention’s visibility within and beyond the ECE region, to foster cooperation between regional agreements around the world, and to share the Convention’s experience, with a view to advancing a shared response to addressing air pollution globally, in accordance with

² Decision 2018/5, annex, para. 43.

³ *ibid.*, para. 71.

United Nations Environment Assembly of the United Nations Environment Programme resolution 3/8 on preventing and reducing air pollution to improve air quality globally.⁴ Cooperation with other regions and forums on intercontinental air pollution issues will be pursued. The “Convention will share experience and scientific expertise”⁵ with other regions, specifically in the context of the forum for international cooperation on air pollution.

3. Table 2 below outlines specific communication and outreach tasks in addition to those assigned to the technical or subsidiary bodies and, as such, incorporated as items under the science and policy sections in the workplan. Communications and outreach activities in 2024 will be used to mark the forty-fifth anniversary of the Convention.

⁴ UNEP/EA.3/Res.8, para. 7 (i).

⁵ Decision 2018/5, annex, para. 76.

Table 2
Communication, outreach and cooperation

<i>Workplan item</i>	<i>Activity description/objective</i>	<i>Expected outcome/deliverable</i>	<i>Lead body(ies)</i>	<i>Resource requirements and/or funding source (in US dollars)</i>
5.1 Communication and awareness-raising				
5.1.1	Raise public awareness of Convention and overall visibility of air pollution issues throughout ECE region and beyond, including regarding Convention's 45th anniversary	(a) Press releases, leaflets, articles and other materials; translation of relevant documentation and communication materials into other United Nations official languages (e.g., Russian), including relevant information provided by Convention's scientific bodies, in particular non-technical summaries with conclusions, recommendations and interesting facts for dissemination among external audiences; information disseminated through social media platforms	Secretariat	68 502 ^a
		(b) Convention website as main channel for communication with public updated in user-friendly manner (within formal ECE limitations), including Russian-language version	Secretariat	
		(c) Infographics, videos or other materials to inform public of positive impacts of decreasing transboundary air pollution for better air quality in cities	Parties	
5.2 Outreach and cooperation				
5.2.1	Compile list of topics for information-sharing through forum for international cooperation on air pollution, and list of relevant experts. This can be basis for conducting targeted regional webinars, where there is mutual interest	Basis for conducting targeted regional webinars where there is mutual interest and information-sharing platform	TFICAP in cooperation with secretariat and other Convention bodies	
5.2.2	Organize, upon request, study tours in ECE region for countries beyond ECE region to learn, discuss and adapt policies and institutional structures for air quality management at regional, national and subnational levels	Increased understanding by study tour participants of how countries in ECE region with different governance systems can work towards common goals of Convention	TFICAP in cooperation with development agency partners, including World Bank	Funded by World Bank

<i>Workplan item</i>	<i>Activity description/objective</i>	<i>Expected outcome/deliverable</i>	<i>Lead body(ies)</i>	<i>Resource requirements and/or funding source (in US dollars)</i>
5.2.3	Work with other regional and global organizations to understand regions' needs and interests	Better understanding of where further collaboration and cooperation could be developed	TFICAP	
5.2.4	Development of two self-paced e-learning courses on: BATs; and, health and environmental effects of air pollution (as referenced in item 1.3.10)	Enhanced understanding of provisions of Convention's key protocols, scientific work and technical guidance documents to reduce air pollution	Secretariat, in cooperation with relevant task forces	246 000 ^a
5.2.5	Adapt e-learning courses on Convention and its protocols and on how to report emissions under Convention and disseminate tools and information under Convention to countries beyond ECE region	Availability of e-learning courses in other United Nations official languages (e.g., French, Spanish)	Secretariat, in cooperation with TFICAP	91 250 ^{a b}
5.2.6	Develop FAQs on air quality management and Convention	FAQs developed to answer most common questions on air quality management and Convention (English, French, Russian, Spanish)	Secretariat, in cooperation with relevant task forces	76 075 ^{a c}
5.2.7	Engage in key regional and international events and processes and organization of events (e.g., Second Global Conference on Air Pollution and Health, CoP UNFCCC) to raise awareness of Convention, its 45th anniversary, and its work on effects of and measures to reduce air pollution and to foster cooperation	Events (e.g., webinars) on air quality management topics, policy guidance developed under Convention and on exchange of best practices and policies with other regions Strengthened cooperation with other ECE programmes and international organizations, leading to improved understanding of Convention and its work on effects of and measures to reduce air pollution, and information exchange	Secretariat, in cooperation with Bureau, relevant task forces, United Nations regional commissions and other organizations	177 000 ^a
5.2.8	Promote participation of ECE and non-ECE experts in technical meetings and meetings of task forces and make use of web-based meeting tools as far as possible	Improved participation and outreach	Task forces and technical bodies under Convention	Subject to availability of resources

^a Subject to availability of funding.

^b Estimate per language version.

^c Estimate for frequently asked questions in English, French, Russian and Spanish.

Abbreviations: BATs, best available techniques; CoP UNFCCC, Conference of the Parties to the United Nations Framework Convention on Climate Change; FAQs, frequently asked questions.