



Convention on Biological Diversity

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Subsidiary Body on Scientific, Technical and Technological Advice

Twenty-seventh meeting

Panama City, 20–24 October 2025

Agenda item 6 (c)

Scientific and technical needs to support the implementation of the Kunming-Montreal Global Biodiversity Framework: areas of potential further work

Recommendation adopted by the Subsidiary Body on Scientific, Technical and Technological Advice on 24 October 2025

27/6. Areas of potential further work in the context of the Kunming-Montreal Global Biodiversity Framework

The Subsidiary Body on Scientific, Technical and Technological Advice

1. *Requests the Executive Secretary:*

(a) To invite the Intergovernmental Science-Policy Panel on Chemicals, Waste and Pollution, the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, the Global Framework on Chemicals – For a Planet Free of Harm from Chemicals and Waste, the Secretariat of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal,¹ the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade² and the Stockholm Convention on Persistent Organic Pollutants,³ the Secretariat of the Minamata Convention on Mercury,⁴ the Food and Agriculture Organization of the United Nations, the International Maritime Organization, the International Seabed Authority and the secretariats of the regional seas conventions and action plans to provide information on their activities on the interaction of chemicals and waste, including plastic waste, with biodiversity and ecosystem services, in line with Target 7 of the Kunming-Montreal Global Biodiversity Framework;⁵

(b) To make the information received available for the Subsidiary Body on Scientific Technical, Technological Advice at its twenty-eighth meeting and the Conference of the Parties at its seventeenth meeting;

¹ United Nations, *Treaty Series*, vol. 1673, No. 28911.

² *Ibid.*, vol. 2244, No. 39973.

³ *Ibid.*, vol. 2256, No. 40214.

⁴ *Ibid.*, vol. 3201, No. 54669.

⁵ Decision [15/4](#), annex.

2. *Recommends* that, at its seventeenth meeting, the Conference of the Parties adopt decisions along the following lines:

[
**Areas of potential further work in the context of the
 Kunming-Montreal Global Biodiversity Framework**

A
Biodiversity-inclusive spatial planning

The Conference of the Parties,

Noting the ongoing methodological assessment of integrated biodiversity-inclusive spatial planning and ecological connectivity of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services,

Recognizing that marine spatial planning has been adequately addressed in previous decisions, in particular decision [XIII/9](#) of 17 December 2016, and the focus of capacity-building activities on marine and coastal biodiversity, including through the Sustainable Ocean Initiative, and that there are existing experiences and guidance related to marine spatial planning on different scales, including under the Intergovernmental Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization,

[1. *Requests* the Executive Secretary, subject to the availability of resources:

(a) To prepare a report on experiences with participatory, integrated and biodiversity-inclusive spatial planning with a focus on terrestrial and freshwater ecosystems, drawing on the inputs into the global review of collective progress in the implementation of the Kunming-Montreal Global Biodiversity Framework,⁶ [decision 17/-- on the voluntary guidelines for the inclusion and consideration of traditional lands and of resource use in spatial planning processes and environmental impact assessments,] information from Parties, including their national reports, and the methodological assessment of integrated biodiversity-inclusive spatial planning and ecological connectivity of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services;

(b) On the basis of the findings of the report referred to above, organize an expert workshop to advance a common understanding of participatory, integrated and biodiversity-inclusive spatial planning and its approaches, in the context of the implementation of the Framework, and develop a proposal for potential further work on such planning, for consideration by the Subsidiary Body on Scientific, Technical and Technological Advice at a meeting held before the eighteenth meeting of the Conference of the Parties.]

[B
Pollution and biodiversity

The Conference of the Parties,

Recalling decisions [16/12](#) of 1 November 2024 and [16/31](#) and [16/35](#) of 27 February 2025,

OPTION 1

Recognizing that pollution is one of the main drivers of biodiversity loss,

[1. *Decides* to establish, subject to the availability of resources, an ad hoc technical expert group on pollution and biodiversity, with a time-bound mandate until the eighteenth meeting of the Conference of the Parties, to develop guidance on ways to address the impacts

⁶ Decision [15/4](#), annex.

of pollution on biodiversity, in accordance with the terms of reference contained in the annex to the present decision;

2. *Invites* Parties, indigenous peoples and local communities and relevant organizations to submit scientific and technical information to the Secretariat of the Convention on Biological Diversity⁷ in relation to:

(a) The impacts of pollution on biodiversity in different biomes, including the types and sources of pollution of priority concern for different biomes and species;

(b) Priority biodiversity considerations to be incorporated into pollution prevention, control and mitigation measures, for key sources, sectors and stakeholders;

(c) The role of biodiversity and ecosystem services in pollution mitigation (nature-based solutions and/or ecosystem-based approaches), including guidance for specific sectors and sources of pollution;

3. *Requests* the Executive Secretary to make the scientific and technical information submitted pursuant to paragraph 2 above available to the Ad Hoc Technical Expert Group on Pollution and Biodiversity;

4. *Requests* the Subsidiary Body on Scientific, Technical and Technological Advice to review the outcomes of work of the Ad Hoc Technical Expert Group on Pollution and Biodiversity and to present its recommendations for consideration by the Conference of the Parties at its eighteenth meeting;

5. *Invites* the Secretariat of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal,⁸ the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade⁹ and the Stockholm Convention on Persistent Organic Pollutants,¹⁰ the Secretariat of the Minamata Convention on Mercury,¹¹ the International Maritime Organization, the International Seabed Authority and the secretariats of the regional seas conventions and action plans to strengthen their focus on the interaction of chemicals and waste, including plastic waste, with biodiversity and ecosystem services.]

[Annex

Terms of reference for the Ad Hoc Technical Expert Group on Pollution and Biodiversity

1. The Ad Hoc Technical Expert Group on Pollution and Biodiversity, guided by the submissions from Parties, indigenous peoples and local communities and relevant organizations, shall provide technical advice to the Subsidiary Body on Scientific, Technical and Technological Advice on:

(a) The impacts of pollution on biodiversity in different biomes, including the types and sources of pollution of priority concerns, in line with Target 7 of the Kunming-Montreal Global Biodiversity Framework¹² for different biomes and species;

(b) Priority biodiversity considerations to be incorporated into pollution prevention, control and mitigation measures, for key sources, sectors and stakeholders; and the role of

⁷ United Nations, *Treaty Series*, vol. 1760, No. 30619.

⁸ *Ibid.*, vol. 1673, No. 28911.

⁹ *Ibid.*, vol. 2244, No. 39973.

¹⁰ *Ibid.*, vol. 2256, No. 40214.

¹¹ *Ibid.*, vol. 3201, No. 54669.

¹² Decision [15/4](#), annex.

biodiversity and ecosystem services in pollution mitigation (nature-based solutions and/or ecosystem-based approaches), including guidance for specific sectors and sources of pollution;

(c) Data and information management, in particular in relation to information on monitoring toxicity and reducing the risk of identified pollutants of priority concern for biodiversity;

(d) Biodiversity considerations to be taken into account in national integrated environmental monitoring systems and the alignment of data on pollution control measures with the targets of the Framework.

2. The Technical Expert Group shall comprise 30 technical experts nominated by Parties, including experts on biodiversity and pollution, with equitable representation from all regions and up to five representatives nominated by observer organizations and other relevant organizations.

3. The Technical Expert Group shall nominate two co-chairs from among the selected experts.

4. The Chair of the Subsidiary Body on Scientific, Technical and Technological Advice shall be invited to participate, *ex officio*, in the meetings of the Technical Expert Group.

5. The Technical Expert Group shall conduct its work primarily electronically; subject to the availability of resources, it shall also meet in person at least twice during the intersessional period.

6. The Technical Expert Group should be established and start its work immediately after the seventeenth meeting of the Conference of the Parties and report on its work to the Subsidiary Body on Scientific, Technical and Technological Advice at a meeting held before the eighteenth meeting of the Conference of the Parties.]

OPTION 2

[Recognizing that pollution is one of the main drivers of biodiversity loss,

Welcoming the establishment of the Intergovernmental Science-Policy Panel on Chemicals, Waste and Pollution,

1. *Invites* the Intergovernmental Science-Policy Panel on Chemicals, Waste and Pollution, the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, the Global Framework on Chemicals – For a Planet Free of Harm from Chemicals and Waste, the Secretariat of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal,¹³ the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade¹⁴ and the Stockholm Convention on Persistent Organic Pollutants,¹⁵ the Secretariat of the Minamata Convention on Mercury,¹⁶ the Food and Agriculture Organization of the United Nations, the International Maritime Organization, the International Seabed Authority and the secretariats of the regional seas conventions and action plans to strengthen their focus and enhance their activities on the interaction of chemicals and waste, including plastic waste, with biodiversity and ecosystem services, to advance the implementation of Target 7 of the Kunming-Montreal Global Biodiversity Framework;¹⁷

2. *Requests* the Executive Secretary to engage with the Intergovernmental Science-Policy Panel on Chemicals, Waste and Pollution and relevant multilateral environmental

¹³ United Nations, Treaty Series, vol. 1673, No. 28911.

¹⁴ Ibid., vol. 2244, No. 39973.

¹⁵ Ibid., vol. 2256, No. 40214.

¹⁶ Ibid., vol. 3201, No. 54669.

¹⁷ Decision [15/4](#), annex.

agreements and organizations to hold a technical expert workshop on approaches to contribute to filling the gaps in tools and guidance to meet Target 7 of the Framework;

3. *Also requests* the Executive Secretary, in collaboration with the entities referred to in paragraph 1 above, to prepare a report with a mapping of the work that may be undertaken by each of those entities towards meeting Target 7 of the Framework, with recommendations for specific actions to that end, for consideration by the Conference of the Parties at its eighteenth meeting.]]

C

Sustainable biodiversity-based activities, products and services that enhance biodiversity

The Conference of the Parties,

Recalling decisions [16/12](#) of 1 November 2024 and [16/15](#) of 25 October 2024,

[Requests the Executive Secretary, subject to the availability of resources:

(a) To prepare a report on [Parties'] experiences [in implementing][with] sustainable biodiversity-based activities, products and services that enhance biodiversity in local economies and indigenous and rural communities[, as well as fair trade and sustainable certification mechanisms], [and][including, as appropriate,] the [circular and sustainable] [bioeconomy], drawing on [information from Parties and] the inputs into the global review of collective progress in the implementation of the Kunming-Montreal Global Biodiversity Framework,¹⁸

(b) On the basis on the findings of the review, to hold an expert workshop to provide technical and scientific advice on the definition, scope and elements of the concept of sustainable biodiversity-based activities, products and services that enhance biodiversity[and the [potential contribution of inclusive circular and sustainable][circular and sustainable] [bioeconomy]], and to prepare a report for consideration by the Subsidiary Body on Scientific, Technical and Technological Advice at a meeting held before the eighteenth meeting of the Conference of the Parties.]

[D

Equity, gender equality and the human rights-based approach relating to the conservation and sustainable use of biodiversity and the fair and equitable sharing of benefits arising from the utilization of genetic resources

The Conference of the Parties,

Recalling its decision [16/35](#) of 27 February 2025, in which it invited the Office of the United Nations High Commissioner for Human Rights to develop tools and guidance on a human rights-based approach to the implementation of the Kunming-Montreal Global Biodiversity Framework¹⁹ and to convey the results to the Secretariat,

Taking note of the global analytical study on the implementation of a human rights-based approach into the goals and targets of the Framework conducted by the United Nations High Commissioner for Human Rights,

Requests the Executive Secretary, subject to the availability of resources:

(a) To develop a proposal for potential additional work on equity, gender equality and the human rights-based approach, including intergenerational and gender equity, taking into account the midterm review of the Gender Plan of Action (2023–2030),²⁰ the global analytical study on the implementation of a human rights-based approach to the goals and

¹⁸ Decision [15/4](#), annex.

¹⁹ Decision [15/4](#), annex.

²⁰ Decision [15/11](#), annex.

targets of the Kunming-Montreal Global Biodiversity Framework conducted by the United Nations High Commissioner for Human Rights and other relevant information tools, guidance and assessments;

(b) To submit the proposal for consideration by the Subsidiary Body on Implementation and the Subsidiary Body on Article 8(j) and Other Provisions of the Convention on Biological Diversity²¹ Related to Indigenous Peoples and Local Communities at meetings held before the eighteenth meeting of the Conference of the Parties.]

E

Different value systems, as stated in paragraph 7 (b) of section C of the Kunming-Montreal Global Biodiversity Framework

The Conference of the Parties,

Recalling that, in subparagraph 7 (b) of section C of the Kunming-Montreal Global Biodiversity Framework,²² it affirmed that different value systems should be taken into account in its implementation and that, in Target 14 of the Framework, it called for the integration of multiple values of biodiversity in decision-making,

Recalling also the adoption of the programme of work on Article 8(j) and other provisions of the Convention on Biological Diversity²³ related to indigenous peoples and local communities to 2030 by decision [16/4](#) of 30 October 2024 and the elements and tasks related to the joint programme of work on the links between biological and cultural diversity in the annex to decision [15/22](#) of 10 December 2022, both of which support the application of diverse value systems in the implementation of the Framework,

Recalling further The Methodological Assessment Report on the Diverse Values and Valuation of Nature of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services,

1. *Invites* the regional and subregional technical and scientific cooperation support centres to make active use of *The Methodological Assessment Report on the Diverse Values and Valuation of Nature* in supporting Parties in the implementation of the Kunming-Montreal Global Biodiversity Framework;

2. *Invites* relevant organizations to further support the use and uptake of *The Methodological Assessment Report on the Diverse Values and Valuation of Nature* in the implementation of the Convention on Biological Diversity and the Framework;

[3. *Requests* the Executive Secretary, subject to the availability of resources, to facilitate the exchange of knowledge, experiences and good practices among Parties, other Governments, subnational governments, indigenous peoples and local communities and relevant stakeholders, including through the holding of dialogues and through learning platforms, to support the effective integration of diverse values and knowledge systems into the implementation of the Framework.]

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²¹ United Nations, *Treaty Series*, vol. 1760, No. 30619.

²² Decision [15/4](#), annex.

²³ United Nations, *Treaty Series*, vol. 1760, No. 30619.