

## Annex II

### Initial scoping report for a second global assessment of biodiversity and ecosystem services

1. The following sections set out an initial scoping report for the second IPBES global assessment of biodiversity and ecosystem services (referred to hereafter as “the second global assessment”), prepared by the Multidisciplinary Expert Panel and Bureau. The Plenary, at its tenth session, will be invited to approve the initiation of full scoping on the basis of this initial scoping report.

#### I. Objectives

2. The second global assessment will:

(a) Support Governments and stakeholders in implementing the Convention on Biological Diversity and its protocols, the Kunming-Montreal Global Biodiversity Framework and the 2030 Agenda for Sustainable Development, with a view to achieving the 2050 Vision for Biodiversity and the Sustainable Development Goals, as well as the Paris Agreement adopted under the United Nations Framework Convention on Climate Change (for matters related to the links between biodiversity and climate change);

(b) Support the assessment of progress towards the achievement of the 2030 targets and 2050 goals of the Kunming-Montreal Global Biodiversity Framework, as well as relevant Sustainable Development Goals and targets;

(c) Provide the scientific and technical basis for the follow-up to the Kunming-Montreal Global Biodiversity Framework after 2030.

#### II. Methodological approach

3. **Date of delivery:** The second global assessment should be finalized for consideration by the Plenary in the fourth quarter of 2028, or in the first quarter of 2029 at the latest, in order to allow timely assessment of progress in achieving the targets and goals of the Kunming-Montreal Global Biodiversity Framework in 2030.

4. **Duration:** It is suggested that the second global assessment begin immediately after the eleventh session of the Plenary (2024), on the assumption that its scoping would be approved at that session, and that a period of four years be allowed for the preparation of the assessment,<sup>1</sup> which would then be considered for approval by the Plenary at its fifteenth session.

5. **Scoping workshop:** The scoping report will be prepared according to the procedures for the preparation of Platform deliverables, set out in annex I to decision IPBES-3/3. It is suggested that a full scoping be carried out, overseen by the Multidisciplinary Expert Panel and the Bureau, involving a scoping workshop with experts selected by the Panel to assist with the scoping following a call for nominations. It is anticipated that the scoping workshop would involve the participation of about 60 experts.

6. **Structure of scoping report:** The scoping report will include sections presenting the overall scope and rationale, the timeline and geographic coverage and the methodological approach, as well as a detailed chapter outline and a timeline. The scoping report should have a length of about 3,000 words and indicate the maximum length of the chapters and summary for policymakers of the completed assessment.

7. **Sources of knowledge:** The second global assessment will draw on scientific literature, Indigenous and local knowledge, and grey literature, in line with the procedures for the preparation of Platform deliverables. The assessment will focus on the new evidence that has emerged since the publication of *The Global Assessment Report on Biodiversity and Ecosystem Services*,<sup>2</sup> and will build on other completed IPBES assessment reports, in particular the nexus and the transformative change

<sup>1</sup> The three-year period available for the production of the report on the global assessment of biodiversity and ecosystem services was considered very tight.

<sup>2</sup> IPBES (2019): *The Global Assessment Report on Biodiversity and Ecosystem Services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Brondizio, E. S., Settele, J., Díaz, S. and Ngo, H. T. (eds.). IPBES secretariat, Bonn, Germany. <https://doi.org/10.5281/zenodo.3831673>.

assessment reports, as well as the *Methodological Assessment Report on the Diverse Values and Valuation of Nature*,<sup>3</sup> the *Thematic Assessment Report on the Sustainable Use of Wild Species*,<sup>4</sup> the assessment report on invasive alien species, the methodological assessment report on business and biodiversity, and any shorter focused assessments that might be initiated at the tenth session of the Plenary. It will also draw on the most recent IPCC assessment reports.

8. **Integration of scales:** The final scoping report will detail how the second global assessment will consider global, regional, subregional and national-scale analyses, as well as ecosystem-level analysis, in a fully integrated manner, and will take into account the challenges faced by developing countries.

9. **Gaps in knowledge:** The second global assessment will consider the knowledge gaps identified in the first global assessment.

### III. Overall scope

10. The second global assessment will be comprehensive and broadly similar in scope to the first global assessment while building on it to avoid repetition or unnecessary duplication, and will address all aspects of the goals, targets and other elements of the Kunming-Montreal Global Biodiversity Framework. The assessment will cover terrestrial and inland water ecosystems and place major emphasis on marine ecosystems, including the open ocean, coastal areas, tidal zones and seabed.

11. The second global assessment will address all elements of the IPBES conceptual framework and the interlinkages between them. It will incorporate diverse values and multiple worldviews, taking into account, among other things, the *Methodological Assessment Report on the Diverse Values and Valuation of Nature*. In particular, it will address the understanding of “living well in balance and harmony with Mother Earth and living in harmony with nature”. It will assess how to advance a holistic understanding of different worldviews and knowledge systems, as well as methods for achieving harmonic relationships between societies and nature.

12. The second global assessment will incorporate a gender-sensitive approach. It will assess the interlinkages between women and biodiversity, with a focus on regions and situations where women and girls are the most vulnerable as a result of biodiversity loss and degradation of ecosystems.

13. The second global assessment will analyse past, present and possible future trends in biodiversity and nature’s contributions to people and their impact on a good quality of life; values and response options regarding nature and nature’s contributions to people, as well as the direct and indirect drivers of those trends. Where possible, information on past status and trends will cover natural reference states, including pre-industrial time periods, when relevant. Future status and trends should project to 2050 and 2100, drawing from the IPBES *Methodological Assessment Report on Scenarios and Models of Biodiversity and Ecosystem Services*<sup>5</sup> and the latest advances in those fields. The assessment will make use of relevant indicators, including those adopted under the Kunming-Montreal Global Biodiversity Framework and the 2030 Agenda for Sustainable Development.

14. The second global assessment will assess progress in the achievement of goals and targets for the conservation and sustainable use of nature, including those of the Kunming-Montreal Global Biodiversity Framework and the 2030 Agenda for Sustainable Development.

15. The second global assessment will present options for action by a diversity of stakeholders to progress towards achieving the goals and targets. It will also provide information that could be used to

<sup>3</sup> IPBES (2022). *The Methodological Assessment Report on the Diverse Values and Valuation of Nature of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Balvanera, P., Pascual, U., Christie, M., Baptiste, B., and González-Jiménez, D. (eds.). IPBES secretariat, Bonn, Germany. <https://doi.org/10.5281/zenodo.6522522>.

<sup>4</sup> IPBES (2022). *The Thematic Assessment Report on the Sustainable Use of Wild Species of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Fromentin, J. M., Emery, M. R., Donaldson, J., Danner, M. C., Hallosserie, A., and Kieling, D. (eds.). IPBES secretariat, Bonn, Germany. <https://doi.org/10.5281/zenodo.6448567>.

<sup>5</sup> IPBES (2016). *The Methodological Assessment Report on Scenarios and Models of Biodiversity and Ecosystem Services of the Intergovernmental Science Policy Platform on Biodiversity and Ecosystem Services*. Ferrier, S., Ninan, K. N., Leadley, P., Alkemade, R., Acosta, L.A., Akçakaya, H.R., Brotons, L., Cheung, W. W. L., Christensen, V., Harhash, K.A., Kabubo-Mariara, J., Lundquist, C., Obersteiner, M., Pereira, H. M., Peterson, G., Pichs-Madruga, R., Ravindranath, N., Rondinini R., and Wintle, B. A. (eds.). IPBES secretariat, Bonn, Germany. <https://doi.org/10.5281/zenodo.3235428>.

develop updated goals and targets to support the follow-up to the Kunming-Montreal Global Biodiversity Framework after 2030.

#### IV. Timetable

<i>Date</i>	<i>Actions and institutional arrangements</i>
<b>2023</b>	
Third quarter	At its tenth session, the Plenary is invited to approve a process for the production of a scoping report for a second global assessment of biodiversity and ecosystem services, to be produced in accordance with the procedures for the preparation of Platform deliverables and based on the initial scoping report for the assessment, and to be considered by the Plenary at its eleventh session
Fourth quarter	The Multidisciplinary Expert Panel, through the secretariat, requests nominations of experts by Governments and other stakeholders, to assist with the production of the scoping report
<b>2024</b>	
First/second quarter	Scoping workshop with experts selected by the Panel
Fourth quarter	At its eleventh session, the Plenary is invited to approve the scoping report for a second global assessment of biodiversity and ecosystem services; approve the undertaking of the assessment; and request the secretariat to establish the institutional arrangements needed to mobilize the technical support required for the assessment
Fourth quarter	The Multidisciplinary Expert Panel, through the secretariat, requests nominations, by Governments and other stakeholders, of experts to produce the assessment
<b>2025</b>	
First/second quarter	The Multidisciplinary Expert Panel selects the assessment co-chairs, coordinating lead authors, lead authors and review editors, in line with the procedures for the preparation of Platform deliverables, including by implementing the procedure for filling gaps in expertise
Fourth quarter	First author meeting with the co-chairs, coordinating lead authors, lead authors, review editors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment
<b>2026</b>	
Second quarter	First external review (six weeks) – draft chapters are made available for review by experts
Third quarter	Second author meeting with the co-chairs, coordinating lead authors, lead authors, review editors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment  Back to back with the second author meeting: meeting to advance the preparation of the summary for policymakers with the co-chairs, coordinating lead authors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment
Fourth quarter	Writing workshop to advance the preparation of the summary for policymakers with the co-chairs, coordinating lead authors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment
<b>2027</b>	
Second quarter	Second external review (eight weeks) – draft chapters and draft of the summary for policymakers are made available for review by Governments and experts
Third quarter	Third author meeting with the co-chairs, coordinating lead authors, lead authors, review editors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment  Back to back with the third author meeting: meeting to advance the preparation of the summary for policymakers with the co-chairs, coordinating lead authors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment
<b>2028</b>	
First quarter	Additional review of the summary for policymakers by Governments (four weeks)
Second quarter	Online writing workshop to advance the preparation of the summary for policymakers with the co-chairs, coordinating lead authors and members of the Bureau and Multidisciplinary Expert Panel that are part of the management committee for the assessment

<i>Date</i>	<i>Actions and institutional arrangements</i>
Third/fourth quarter	Final review (six weeks) – final draft chapters and draft of the summary for policymakers are made available for review by Governments
Fourth quarter	Consideration by the Plenary, at its fifteenth session, of the summary for policymakers for approval and of the chapters for acceptance
Fourth quarter	Communication activities in relation to the assessment

---