



**CONVENTION ON
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DIVERSITY**

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**AD HOC TECHNICAL EXPERT GROUP ON
INDICATORS FOR ASSESSING
PROGRESS TOWARDS THE 2010
BIODIVERSITY TARGET**

Montreal, 19-22 October 2004
Item 2 of the provisional agenda*

ORGANIZATIONAL MATTERS

Annotations to the provisional agenda

INTRODUCTION

1. The purpose of the meeting of the Ad Hoc Technical Expert Group (AHTEG) is to assist the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA) in identifying or developing indicators for assessing progress at the global level towards the 2010 target, and communicating effectively trends in biodiversity related to the three objectives of the Convention.

2. In paragraph 6 of its decision VII/30, the Conference of the Parties to the Convention on Biological Diversity requested SBSTTA, with the assistance of an ad hoc technical expert group, to:

(a) Review the use of the indicators listed in annex I, column B, to the decision, *inter alia*, by reviewing a draft of the Second Global Biodiversity Outlook;

(b) Identify or develop indicators listed in annex I, column C, to the decision, ensuring that the full set of indicators is limited in number;

and report on the results to the Conference of the Parties at its eighth meeting.

3. Annex I to decision VII/30, which contains a list of indicators for immediate testing and possible indicators for development within the seven focal areas identified by the Conference of the Parties at its seventh meeting is reproduced in annex 3 to this note.

4. In paragraph 3 of decision VII/30, the Conference of the Parties requested that a balanced set of indicators be identified in accordance with principles for choosing indicators identified by the Expert Group on Indicators and Monitoring (UNEP/CBD/SBSTTA/9/10). To facilitate the work of the AHTEG, the Conference of the Parties gave specific guidance on the characteristics of the indicators to be identified or developed:

(a) The indicators should not be used to evaluate the level of implementation of the Convention in individual Parties or regions;

(b) The same indicators may be used at the global, regional, national and local levels;

* UNEP/CBD/TEG Ind 2010/1/1.

(c) The indicators should relate to one or more of the various programmes of work of the Convention;

(d) The indicators should take into consideration relevant Millennium Development Goals and indicators developed by other relevant international processes;

(e) Existing data sets should be used.

5. The Conference of the Parties further instructed that full use should be made of relevant processes and meetings. The Executive Secretary has circulated the results of some of the recent processes and meetings in the following documents:

(a) The report of the London meeting (UNEP/CBD/SBSTTA/9/INF/9);

(b) Proposed biodiversity indicators relevant to the 2010 target (UNEP/CBD/SBSTTA/9/INF/26);

(c) Using existing processes as building blocks in reporting on the 2010 target (UNEP/CBD/SBSTTA/9/INF/27);

(d) Proposed global indicators (UNEP/CBD/COP/7/INF/33);

(e) Monitoring and indicators (UNEP/CBD/SBSTTA/9/10).

6. More recent meetings relevant to the development and identification of indicators for assessing progress towards the 2010 target include, but are not limited to:

(a) The Stakeholders' Conference on Biodiversity and the European Union – Sustaining Life, Sustaining Livelihoods, held in Malahide, Ireland, from 25 to 27 May 2004, the outcome of which was welcomed by the Council of the European Union at its meeting on 17-18 June 2004 and led the European Community to urge that this work be continued;

(b) The scientific discussion meeting of the Royal Society entitled “Beyond extinction rates: monitoring wild nature for the 2010 target”, held in London, on 19-20 July 2004 following a Royal Society Workshop on the same subject held from 21-22 June 2004;

(c) The twelfth Scientific Council meeting held from 31 March to 3 April 2004 and the twenty-seventh meeting of the Standing Committee of Convention on Migratory Species held from 22 to 25 June 2004;

(d) The Midterm Workshops of the Scientific and Technical Review Panel of the Ramsar Convention on Wetlands, held in Wageningen, Netherlands, from 20 to 24 July 2004.

7. The Conference of the Parties agreed that the Global Biodiversity Outlook (GBO) should be one of the means for reporting on the indicators for assessing progress towards the 2010 target. Accordingly, the Conference of the Parties requested SBSTTA to evaluate information on the changes in trends and status of biodiversity, particularly the current rate of biodiversity loss at the global level, *inter alia*, by reviewing a draft of the second Global Biodiversity Outlook (decision VII/30, para 5).

8. Furthermore, the Conference of the Parties requested the Ad Hoc Open-ended Working Group on Access and Benefit-sharing and the Ad Hoc Open-ended Inter-Sessional Working Group on Article 8(j) and Related Provisions of the Convention on Biological Diversity, respectively, to explore the need and possible options for indicators for access to genetic resources and in particular for the fair and equitable sharing of benefits arising from the utilization of genetic resources, and associated innovations, knowledge and practices of indigenous and local communities, and for the protection of innovations, knowledge and practices of indigenous and local communities.

9. In developing goals and sub-targets to facilitate coherence among the programmes of work, and to provide a flexible framework for national targets, the Conference of the Parties also requested SBSTTA to identify indicators for the sub-targets, where possible, by association with the indicators provided in annex I to decision VII/30 (para.12 (b)).

10. To prepare the work of the AHTEG, the Secretariat has prepared background documents on each of the indicators adopted for immediate testing. The UNEP World Conservation Monitoring Centre (UNEP-WCMC) has supported the Secretariat in preparing and reviewing these documents. Between July and September 2004, these documents have been accessible in an electronic discussion forum. Nominated experts from key organizations, other interested individuals, national focal points of the Convention on Biological Diversity and SBSTTA focal points have been invited to participate in the review process. More than 100 experts have accessed and reviewed the documentation and provided comments in the discussion forum. Comments and proposals were also provided on the indicators that require further development.

11. Based on this process, the Secretariat, with the support of UNEP-WCMC, has revised the documents and prepared proposals and discussion papers for the indicators for further development.

12. It is expected that the AHTEG will consider and further refine the documents on the indicators for immediate testing and recommend ways to develop indicators that require further work. The results of the AHTEG will be reported to and considered at the tenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA) and the eighth meeting of the Conference of the Parties.

13. A list of documents for the meeting is attached as annex II below.

14. The meeting of the AHTEG has been enabled through financial support from the Netherlands, the United Kingdom of Great Britain and Northern Ireland, and the United States of America. Registration of participants will commence at 9 a.m. on Tuesday, 19 October 2004.

ITEM 1. OPENING OF THE MEETING

15. The Executive Secretary of the Convention on Biological Diversity, or one of his representatives, will open the meeting at 9.30 a.m. on Tuesday, 19 October 2004. Representatives of the Netherlands, the United Kingdom of Great Britain and Northern Ireland, and the United States of America will make short statements.

16. A representative of the Executive Secretary of the Convention on Biological Diversity will review the mandate of the AHTEG, the background and relevant Convention processes and decisions, and describe the expected outputs of the meeting.

ITEM 2. ORGANIZATIONAL MATTERS

2.1. Election of Chairperson

17. After a short self-introduction by the participants, the AHTEG will be invited to elect its Co-Chairs.

2.2. Adoption of the agenda

18. The provisional agenda (UNEP/CBD/AHTEG-2010-Ind/1/1) prepared by the Executive Secretary will be before the AHTEG for consideration and adoption.

2.3. Organization of work

19. The AHTEG is invited to consider the provisional organization of work for the meeting contained in annex I to the present annotated provisional agenda.

20. The meeting may wish to start its work in plenary, and then break into working groups as required. After completing their assignments, working groups may wish to re-convene in plenary and report back to the AHTEG.

ITEM 3. INDICATORS FOR ASSESSING PROGRESS AT THE GLOBAL LEVEL TOWARDS THE 2010 TARGET AND FOR EFFECTIVELY

COMMUNICATING TRENDS IN BIODIVERSITY RELATED TO THE THREE OBJECTIVES OF THE CONVENTION

21. Agenda item 3, the main substantive item of the agenda, contains three sub-items. Each sub-item will be introduced by the Secretariat. Following this introduction, the AHTEG is invited to break into Working Groups in order to discuss the issues raised.

3.1. Review of the use of the indicators for immediate testing, as contained in annex I, column B, of decision VII/30

22. Under this agenda item, the AHTEG is invited to consider the note on Indicators for assessing progress towards the 2010 target: indicators for immediate testing (UNEP/CBD/AHTEG-2010-Ind/1/2). It will also have before it information documents UNEP/CBD/AHTEG-2010-Ind/1/INF/1-8 containing the outcome of the electronic discussion forum on each of the indicators adopted for immediate testing. For the review of these documents the AHTEG may wish to decide to split in three working groups as follows:

WG	Focal area	Indicator for immediate testing
WG 1	Status and trends of the components of biological diversity	Trends in extent of selected biomes, ecosystems and habitats (INF/1) Trends in abundance and distribution of selected species (INF/2) Coverage of protected areas (INF/3)
	Sustainable use	
WG 2	Threats to biodiversity	Nitrogen deposition (INF/4)
	Ecosystem integrity and ecosystem goods and services	Marine trophic index (INF/5) Water quality in aquatic ecosystems (INF/6)
WG 3	Status of traditional knowledge, innovations and Practices	Status and trends of linguistic diversity and numbers of speakers of indigenous languages (INF/7)
	Status of access and benefit-sharing	
	Status of resource transfers	Official development assistance provided in support of the Convention (OECD-DAC-Statistics Committee) (INF/8)

23. The working groups should consider whether the draft documents are in line with the guidance provided by the Conference of the Parties and represent the appropriate tools for monitoring trends in the respective focal areas. The working groups should also point out possible improvements of the indicators in the future, including the technical, financial and institutional requirements for such improvements.

24. After concluding their discussions, the working groups are invited to report back to the plenary to ensure consistency of approaches among the indicators and focal areas and to identify any outstanding issues regarding the indicators for immediate testing.

3.2. Identification or development of indicators on the basis of the possible indicators in decision VII/30 annex I, column C

25. Under this agenda item, the AHTEG is invited to consider the document on indicators for assessing progress towards the 2010 target: possible indicators for development (UNEP/CBD/AHTEG-2010-Ind/1/3). It will also have before it a number of additional information documents on the thirteen indicators for further development. The AHTEG may wish to decide to split in four working groups as follows:

WG	Focal area	Possible indicators for development
WG 1	Status and trends of the components of biological diversity	Change in status of threatened species (Red List indicator under development) Trends in genetic diversity of domesticated animals, cultivated plants, and fish species of major socioeconomic importance

WG 2	Sustainable use	Area of forest, agricultural and aquaculture ecosystems under sustainable management Proportion of products derived from sustainable sources
	Threats to biodiversity	Numbers and cost of alien invasions
WG 3	Ecosystem integrity and ecosystem goods and services	Application of the trophic index to freshwater and possibly other ecosystems Connectivity/fragmentation of ecosystems Incidence of human-induced ecosystem failure Health and well-being of people living in biodiversity-based-resource dependent communities Biodiversity used in food and medicine
WG 4	Status of traditional knowledge, innovations and Practices	Further indicators to be identified by the Ad Hoc Working Group on Article 8(j)
	Status of access and benefit-sharing	Indicator to be identified by the Ad Hoc Working Group on Access and Benefit-Sharing
	Status of resource transfers	Indicator for technology transfer

26. The working groups should evaluate the feasibility of proposed indicators and develop proposals on the ways in which these could be developed, considering technical, financial and institutional requirements. The working groups should also point out possible improvements of the indicators in the future, including the financial and institutional requirements for such improvements. The working groups may wish to recommend indicators not currently listed in annex I to decision VII/30.

27. After concluding their discussions, the working groups are invited to report back to the plenary to ensure consistency of approaches among the indicators and focal areas. The working groups may wish to identify indicators that could be considered ready for immediate testing and point out any outstanding issues.

3.3. Review of an outline of the second Global Biodiversity Outlook

28. Under this item, the AHTEG will have before it a draft outline of the Second Global Biodiversity Outlook (UNEP/CBD/AHTEG-2010-Ind/1/4). Participants will be invited to identify the elements and information from the indicators for immediate testing, and the way in which these should be addressed in the second Global Biodiversity Outlook.

ITEM 4. IDENTIFICATION OF INDICATORS FOR THE SUB-TARGETS ESTABLISHED IN DECISION VII/30

29. Based on the note on the identification of indicators for the sub-targets of the provisional framework for goals and targets (UNEP/CBD/AHTEG-2010-Ind/1/5), the AHTEG will be invited to consider the association of the indicators with the sub-targets contained in annex IV to this document (annex II to decision VII/30).

ITEM 5. OTHER MATTERS

30. Under this item, participants will be invited to raise other matters related to the subject matter of the meeting.

ITEM 6. ADOPTION OF THE REPORT

31. The AHTEG will consider and adopt its report, on the basis of the draft report of the meeting and draft recommendations to be presented by the Co-Chairs.

ITEM 7. CLOSURE OF THE MEETING

32. The meeting is expected to close at 5 p.m. on Friday, 22 October 2004.

Annex I

**PROVISIONAL ORGANIZATION OF WORK FOR THE AD HOC TECHNICAL EXPERT MEETING
ON INDICATORS FOR ASSESSING PROGRESS ON, AND COMMUNICATING THE 2010
BIODIVERSITY TARGET**

Tuesday, 19 October 2004

9.30 a.m.	Opening of the meeting (agenda item 1)
Morning	Organizational matters (agenda item 2)
Afternoon	Review of the use of the indicators for immediate testing (agenda item 3.1)

Wednesday, 20 October 2004

Morning	Plenary: Report from the working groups
Afternoon	Working groups: Identification or development of indicators on the basis of the possible indicators in decision VII/30

Thursday, 21 October 2004

Morning	Plenary: Report from the working groups
Afternoon	Review of an outline of the Second Global Biodiversity Outlook (agenda item 3.3) Identification of indicators for the sub-targets established in decision VII/30 (agenda item 4)

Friday, 22 October 2004

Morning	Other matters (agenda item 5)
Afternoon	Adoption of the report (agenda item 6)
5.00 p.m.	Closure of the meeting (agenda item 7)

Annex II

**LIST OF DOCUMENTS FOR THE MEETING OF THE AD HOC TECHNICAL EXPERT
GROUP ON INDICATORS FOR ASSESSING PROGRESS TOWARDS THE 2010
BIODIVERSITY TARGET**

Working documents

UNEP/CBD/AHTEG-2010-Ind/1/1	Provisional agenda
UNEP/CBD/AHTEG-2010-Ind/1/1/Add.1	Annotations to the provisional agenda
UNEP/CBD/AHTEG-2010-Ind/1/2	Indicators for assessing progress towards the 2010 target: indicators for immediate testing
UNEP/CBD/AHTEG-2010-Ind/1/3	Indicators for assessing progress towards the 2010 target: possible indicators for development
UNEP/CBD/AHTEG-2010-Ind/1/4	Draft outline of the second Global Biodiversity Outlook
UNEP/CBD/AHTEG-2010-Ind/1/5	Identification of indicators for the sub-targets of the provisional framework for goals and targets

Information documents

UNEP/CBD/AHTEG-2010-Ind/1/INF/1	Trends in extent of selected biomes, ecosystems and habitats
UNEP/CBD/AHTEG-2010-Ind/1/INF/2	Trends in abundance and distribution of selected species
UNEP/CBD/AHTEG-2010-Ind/1/INF/3	Coverage of protected areas
UNEP/CBD/AHTEG-2010-Ind/1/INF/4	Nitrogen deposition
UNEP/CBD/AHTEG-2010-Ind/1/INF/5	Marine trophic index
UNEP/CBD/AHTEG-2010-Ind/1/INF/6	Water quality in aquatic ecosystems
UNEP/CBD/AHTEG-2010-Ind/1/INF/7	Status and trends of linguistic diversity and numbers of speakers of indigenous languages
UNEP/CBD/AHTEG-2010-Ind/1/INF/8	Official development assistance provided in support of the Convention
UNEP/CBD/AHTEG-2010-Ind/1/INF/9	Change in status of threatened species
UNEP/CBD/AHTEG-2010-Ind/1/INF/10	Trends in genetic diversity of domesticated animals, cultivated plants, and fish species of major socio-economic importance

Decision VII/30 on Strategic Plan: future evaluation of progress

Other documents

UNEP/CBD/SBSTTA/9/INF/9	Consideration of the results of the meeting on “2010 – the Global Biodiversity Challenge”
UNEP/CBD/SBSTTA/9/INF/26	Proposed biodiversity indicators relevant to the 2010 target

UNEP/CBD/SBSTTA/9/INF/27

Using existing processes as building blocks in reporting on the 2010 target

UNEP/CBD/COP/7/INF/33

Provisional global indicators for assessing progress towards the 2010 biodiversity target

UNEP/CBD/SBSTTA/9/10

Monitoring and indicators: Designing national-level monitoring programmes and indicators

Annex III

**PROVISIONAL INDICATORS FOR ASSESSING PROGRESS TOWARDS THE 2010
BIODIVERSITY TARGET**

A: Focal area	B: Indicator for immediate testing	C: Possible indicators for development by SBSTTA or Working Groups
Status and trends of the components of biological diversity	Trends in extent of selected biomes, ecosystems and habitats	
	Trends in abundance and distribution of selected species	
		Change in status of threatened species (Red List indicator under development)
		Trends in genetic diversity of domesticated animals, cultivated plants, and fish species of major socioeconomic importance
	Coverage of protected areas	
Sustainable use		Area of forest, agricultural and aquaculture ecosystems under sustainable management
		Proportion of products derived from sustainable sources
Threats to biodiversity	Nitrogen deposition	
		Numbers and cost of alien invasions
Ecosystem integrity and ecosystem goods and services	Marine trophic index	Application to freshwater and possibly other ecosystems
		Connectivity/fragmentation of ecosystems
		Incidence of human-induced ecosystem failure
		Health and well-being of people living in biodiversity-based-resource dependent communities
	Water quality in aquatic ecosystems	
		Biodiversity used in food and medicine
Status of traditional knowledge, innovations and Practices	Status and trends of linguistic diversity and numbers of speakers of indigenous languages	Further indicators to be identified by WG-8(j)
Status of access and benefit-sharing		Indicator to be identified by WG-ABS
Status of resource transfers	Official development assistance provided in support of the Convention (OECD-DAC-Statistics Committee)	
		Indicator for technology transfer

Annex IV

PROVISIONAL FRAMEWORK FOR GOALS AND TARGETS

Protect the components of biodiversity

Goal 1. Promote the conservation of the biological diversity of ecosystems, habitats and biomes

Target 1.1: At least 10% of each of the world's ecological regions effectively conserved.

Target 1.2: Areas of particular importance to biodiversity protected

Goal 2. Promote the conservation of species diversity

Target 2.1: Restore, maintain, or reduce the decline of populations of species of selected taxonomic groups

Target 2.2: Status of threatened species improved.

Goal 3. Promote the conservation of genetic diversity

Target 3.1: Genetic diversity of crops, livestock, and of harvested species of trees, fish and wildlife and other valuable species conserved, and associated indigenous and local knowledge maintained.

Promote Sustainable Use

Goal 4. Promote sustainable use and consumption.

Target 4.1: Biodiversity-based products derived from sources that are sustainably managed, and production areas managed consistent with the conservation of biodiversity.

Target 4.2: Unsustainable consumption, of biological resources, or that impacts upon biodiversity, reduced

Target 4.3: No species of wild flora or fauna endangered by international trade

Address threats to biodiversity

Goal 5. Pressures from habitat loss, land use change and degradation, and unsustainable water use, reduced.

Target 5.1: Rate of loss and degradation of natural habitats decreased

Goal 6. Control threats from invasive alien species

Target 6.1: Pathways for major potential alien invasive species controlled.

Target 6.2: Management plans in place for major alien species that threaten ecosystems, habitats or species.

Goal 7. Address challenges to biodiversity from climate change and pollution

Target 7.1: Maintain and enhance resilience of the components of biodiversity to adapt to climate change

Target 7.2: Reduce pollution and its impacts on biodiversity

Maintain goods and services from biodiversity to support human well-being

Goal 8. Maintain capacity of ecosystems to deliver goods and services and support livelihoods

Target 8.1: Capacity of ecosystems to deliver goods and services maintained.

Target 8.2: biological resources that support sustainable livelihoods, local food security and health care, especially of poor people maintained

Protect traditional knowledge, innovations and practices

Goal 9 Maintain socio-cultural diversity of indigenous and local communities

Target 9s.1 Protect traditional knowledge, innovations and practices

Target 9.2: Protect the rights of indigenous and local communities over their traditional knowledge, innovations and practices, including their rights to benefit sharing

Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources

Goal 10. Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources

Target 10.1: All transfers of genetic resources are in line with the Convention on Biological Diversity, the International Treaty on Plant Genetic Resources for Food and Agriculture and other applicable agreements.

Target 10.2: Benefits arising from the commercial and other utilization of genetic resources shared with the countries providing such resources

Ensure provision of adequate resources

Goal 11: Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention

Target 11.1: New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with Article 20.

Target 11.2: Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with Article 20, paragraph 4.
