



Technical & Scientific Cooperation in the context of the CBD

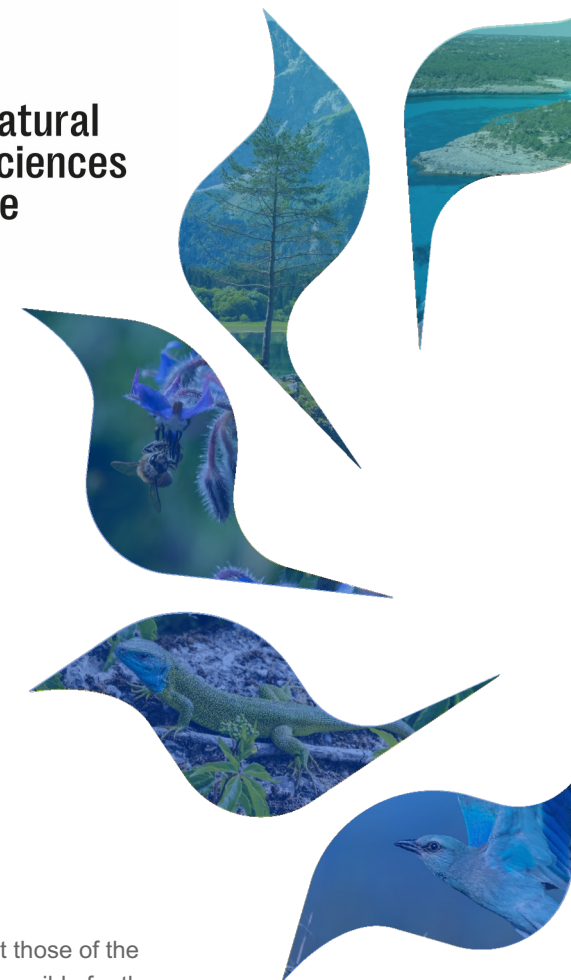
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RBINS

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Technical and Scientific Cooperation (TSC) and the Convention on Biological Diversity (CBD)



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Article 16. Access to and Transfer of technology

1. [...] **technology includes biotechnology**, and that both **access to and transfer of technology among Contracting Parties are essential elements for the attainment of the objectives of this Convention**, [...] **provide and/or facilitate access for and transfer to other Contracting Parties of technologies that are relevant to the conservation and sustainable use of biological diversity or make use of genetic resources and do not cause significant damage to the environment.**



Preamble
Article 1. Objectives
Article 2. Use of Terms
Article 3. Principle
Article 4. Jurisdictional Scope
Article 5. Cooperation
Article 6. General Measures for Conservation and Sustainable Use
Article 7. Identification and Monitoring
Article 8. In-situ Conservation
Article 9. Ex-situ Conservation
Article 10. Sustainable Use of Components of Biological Diversity
Article 11. Incentive Measures
Article 12. Research and Training
Article 13. Public Education and Awareness
Article 14. Impact Assessment and Minimizing Adverse Impacts
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Article 16. Access to and Transfer of technology
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Article 20. Financial Resources
Article 21. Financial Mechanism
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Article 23. Conference of the Parties
Article 24. Secretariat
Article 25. Subsidiary Body on Scientific, Technical and Technological Advice
Article 26. Reports
Article 27. Settlement of Disputes
Article 28. Adoption of Protocols
Article 29. Amendment of the Convention or Protocol
Article 30. Adoption and Amendment of Annexes
Article 31. Right to Vote
Article 32. Relationship between this Convention and Its Protocols
Article 33. Signature
Article 34. Ratification, Acceptance or Approval
Article 35. Accession
Article 36. Entry Into Force
Article 37. Reservations
Article 38. Withdrawals
Article 39. Financial Interim Arrangements
Article 40. Secretariat Interim Arrangements
Article 41. Depositary
Article 42. Authentic texts
Annex I. Identification and Monitoring
Annex II - Part 1. Arbitration
Annex II - Part 2. Conciliation





Article 17. Exchange of Information

1. The Contracting Parties shall **facilitate the exchange of information, from all publicly available sources, relevant to the conservation and sustainable use of biological diversity**, taking into account the special needs of developing countries.
2. Such exchange of information shall **include exchange of results of technical, scientific and socio-economic research, as well as information on training and surveying programmes, specialized knowledge, indigenous and traditional knowledge as such and in combination with the technologies referred to in Article 16, paragraph 1**. It shall also, where feasible, include repatriation of information.



Article 18. Technical and Scientific Cooperation

1. [...] Parties shall **promote international technical and scientific cooperation in the field of conservation and sustainable use of biological diversity, where necessary, through the appropriate international and national institutions.**
2. [...] **special attention should be given to the development and strengthening of national capabilities, by means of human resources development and institution building.**
3. [...] at its first meeting, shall determine how to **establish a clearing-house mechanism to promote and facilitate technical and scientific cooperation.**
4. [...] **encourage and develop methods of cooperation for the development and use of technologies, including indigenous and traditional technologies, in pursuance of the objectives of this Convention [...] promote cooperation in the training of personnel and exchange of experts.**
5. [...] **promote the establishment of joint research programmes and joint ventures for the development of technologies relevant to the objectives of this Convention.**





The CBD TSC Landscape

IAG
TSC

Technical and Scientific
Cooperation Mechanism

Global
Coordination Entity

Regional TSC
Centres

- Africa
- Americas
- Asia
- Europe
- Oceania

Global Knowledge Support
Service for Biodiversity

Central
Portal



National
CHM



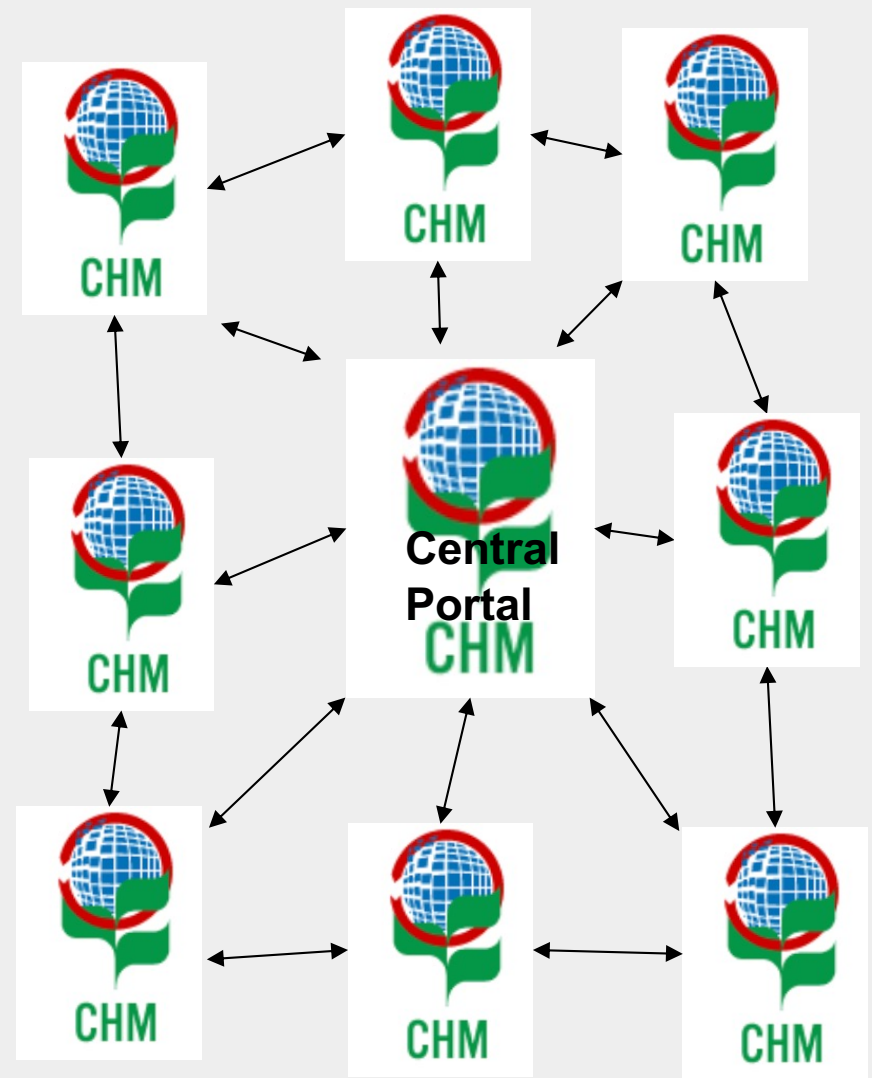
National
CHM



National
CHM

The Clearing House Mechanism

- Central body responsible for collecting, classifying and distributing information;
- Informal channel for the distribution of information
- An institution or central body responsible for the collection, maintenance and distribution of documents, information, etc.
- A central organisation that collects and sends information for other people or organisations.





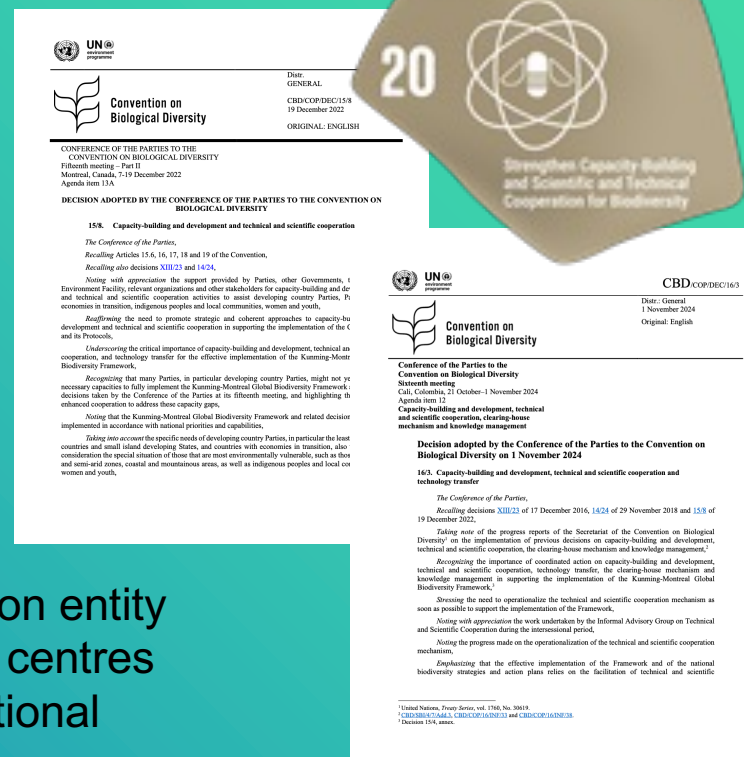
Technical and Scientific Cooperation Mechanism

Decision 15/8

“to promote and facilitate, on a demand-driven basis, technical and scientific cooperation and technology transfer among Parties and to enable Parties and relevant organizations to effectively utilize science, technology and innovation to support the implementation of the KM-GBF.”

Decision 16/3

- Welcomes the hosts of the regional TSC support centres
- Decides the SCBD will host the global coordination entity
- Adopts modalities for operationalizing the global coordination entity
- Encourages the global coordination entity and the regional centres to mobilize funding from various sources, including international and domestic, public and private sources
- Requests the centres to: Collaborate, submit activity reports, ...



The TSC IAG (2025-2027)



Eastern European States	
Belarus	Ms. Galina Mozgova
Czechia	Mr. Jan Plesnik
Hungary	Ms. Kinga Öllerer
Turkmenistan	Ms. Ejebay Kokanova
Western European and other States	
Australia	Mr. Karel Mokany
Belgium	Mr. Han de Koeijer
European Union	Mr. Gregoire Dubois
United Kingdom of Great Britain and Northern Ireland	Mr. Philip McGowan
Indigenous Peoples and Local Communities, Women and Youth	
Centre for Indigenous Peoples' Research and Development (CIPRED)	Mr. Biswash Praja
Fundación Ambiente y Recursos Naturales (FARN)/ CBD Women's Caucus	Ms. Pamela Tapia Diaz
Global Youth Biodiversity Network (GYBN)	Ms. Mika Mei Jia Tan

Mandate: To provide strategic advice to the Executive Secretary and to relevant bodies under the Convention and its Protocols on practical measures, tools, and opportunities to promote and facilitate technical and scientific cooperation, technology transfer, capacity development, knowledge management and the clearing-house mechanism in support of the implementation of the Kunming-Montreal Global Biodiversity Framework.



The Technical and Scientific Cooperation Mechanism

Global Coordination Entity

- Facilitate coordination, collaboration and synergies amongst regional centres
- Coordinate global helpdesk & standardized approach
- Mobilize additional resources for the regional TSC centres

Regional TSC Centres

- On a demand-driven basis, promote and facilitate TSC and technology transfer
- Provide a “one-stop service centre” to access TS knowledge, expertise, tools and other resources
- Facilitate matchmaking in response to the priority needs identified;
 - Africa
 - Americas
 - Asia
 - Europe
 - Oceania

The European Regional TSC Centre

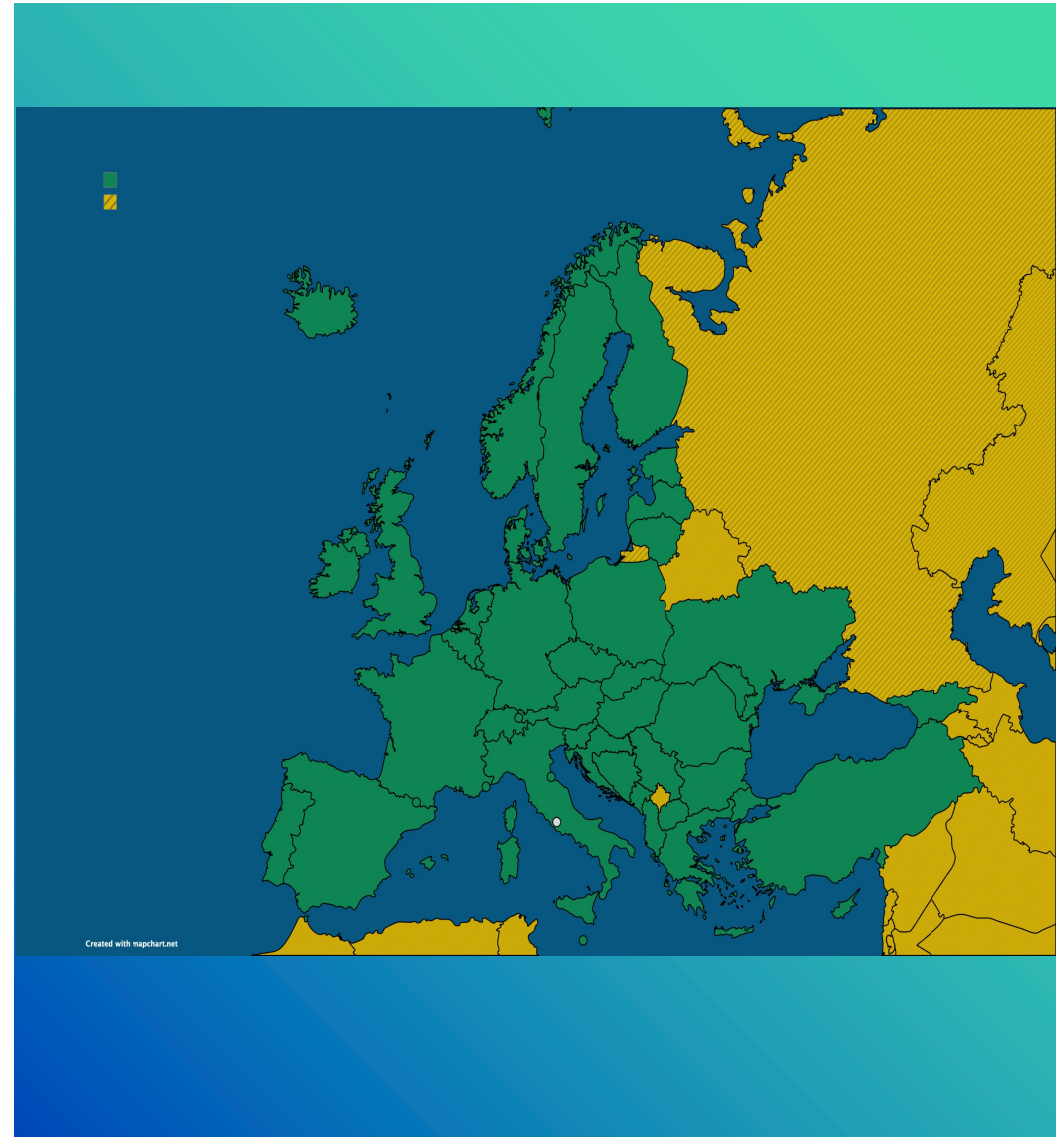
European Commission,
through the EC
**Knowledge Centre for
Biodiversity (KCBD),**



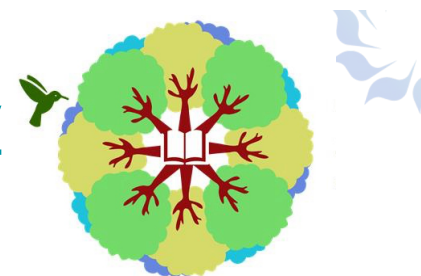
International Union for
Conservation of Nature
Centre for
Mediterranean
Cooperation (IUCN Med)



Royal Belgian Institute
for Natural Sciences
(RBINS)



Global Knowledge Support Service for Biodiversity



Envisioned to facilitate national efforts to implement, monitor and report on the progress towards the goals and targets of the GBF by enhancing the generation, collection, curation, analysis, sharing and use of relevant data, information and knowledge from and for all governments and relevant non-state actors, at national, regional and global levels.



TSC and the Kunming-Montreal Global Biodiversity Framework (GBF)



Kunming - Montreal
GLOBAL BIODIVERSITY FRAMEWORK



- **Introductory Section**
- **Mission**
- **4 Goals**
- **23 Targets**
- **Implementation and Support Mechanisms**

KM GBF Introductory Section



“The implementation of the Framework **should be based on scientific evidence and traditional knowledge and practices, recognizing the role of science, technology and innovation;**”

“Implementation of the Framework requires transformative, innovative and transdisciplinary education, formal and informal, at all levels, including science-policy interface studies and lifelong learning processes, **recognizing diverse world views, values and knowledge systems of indigenous peoples and local communities;**”

“[...]The Framework is **to be implemented with** consideration of the One Health Approach, among other **holistic approaches that are based on science, mobilize multiple sectors, disciplines and communities to work together,** and aim to sustainably balance and optimize the health of people, animals, plants and ecosystems, **recognizing the need for equitable access to tools and technologies including medicines, vaccines and other health products related to biodiversity [...]**”

KM GBF Mission



The mission of the GBF for the period up to 2030, is:

“To take urgent action to halt and reverse biodiversity loss to put nature on a path to recovery for the benefit of people and planet by conserving and sustainably using biodiversity and by ensuring the fair and equitable sharing of benefits from the use of genetic resources, **while providing the necessary means of implementation.**”





KM GBF Goal D

"Adequate means of implementation, including financial resources, **capacity building, technical and scientific cooperation, and access to and transfer of technology** to fully implement the Kunming-Montreal GBF are secured and equitably accessible to all Parties, especially developing country Parties, in particular the least developed countries and small island developing States, as well as countries with economies in transition, progressively closing the biodiversity finance gap of \$700 billion per year, and aligning financial flows with the Kunming-Montreal Global Biodiversity Framework and the 2050 Vision for biodiversity





KM GBF Target 20

Strengthen capacity-building and development, access to and transfer of technology, **and promote development of and access to** innovation and **technical and scientific cooperation**, including through South-South, North-South and triangular cooperation, **to meet the needs for effective implementation**, particularly in developing countries, **fostering joint technology development and joint scientific research programmes** for the conservation and sustainable use of biodiversity and **strengthening scientific research and monitoring capacities**, commensurate with the ambition of the goals and targets of the Framework





A web portal is to support countries in finding the information they need to develop and implement effective NBSAPs and prepare national reports.

European countries that have submitted at least 1 national target for GBF T20



Worldwide, 127 Parties with at least 1 national target



KM GBF TARGET 21

Ensure that **the best available data, information and knowledge are accessible** to decision makers, practitioners and the public **to guide** effective and equitable **governance**, integrated **and** participatory **management of biodiversity**, and to **strengthen communication, awareness-raising, education, monitoring, research and knowledge management** and, also in this context, traditional knowledge, innovations, practices and technologies of indigenous peoples and local communities should only be accessed with their free, prior and informed consent, in accordance with national legislation.

Traditional Knowledge Information Portal: developed in order to promote awareness and enhance access by indigenous peoples and local communities to information on traditional knowledge, innovations and practices relevant for the conservation and sustainable use of biological diversity.



KM GBF Implementation and Support Mechanisms Section



“The full implementation of the Framework will require the provision of adequate, predictable and easily accessible financial resources from all sources on a needs basis. It further requires **cooperation and collaboration in building the necessary capacity and transfer of technologies** to allow Parties, especially developing country Parties, to fully implement the Framework.”



Are you still with me?

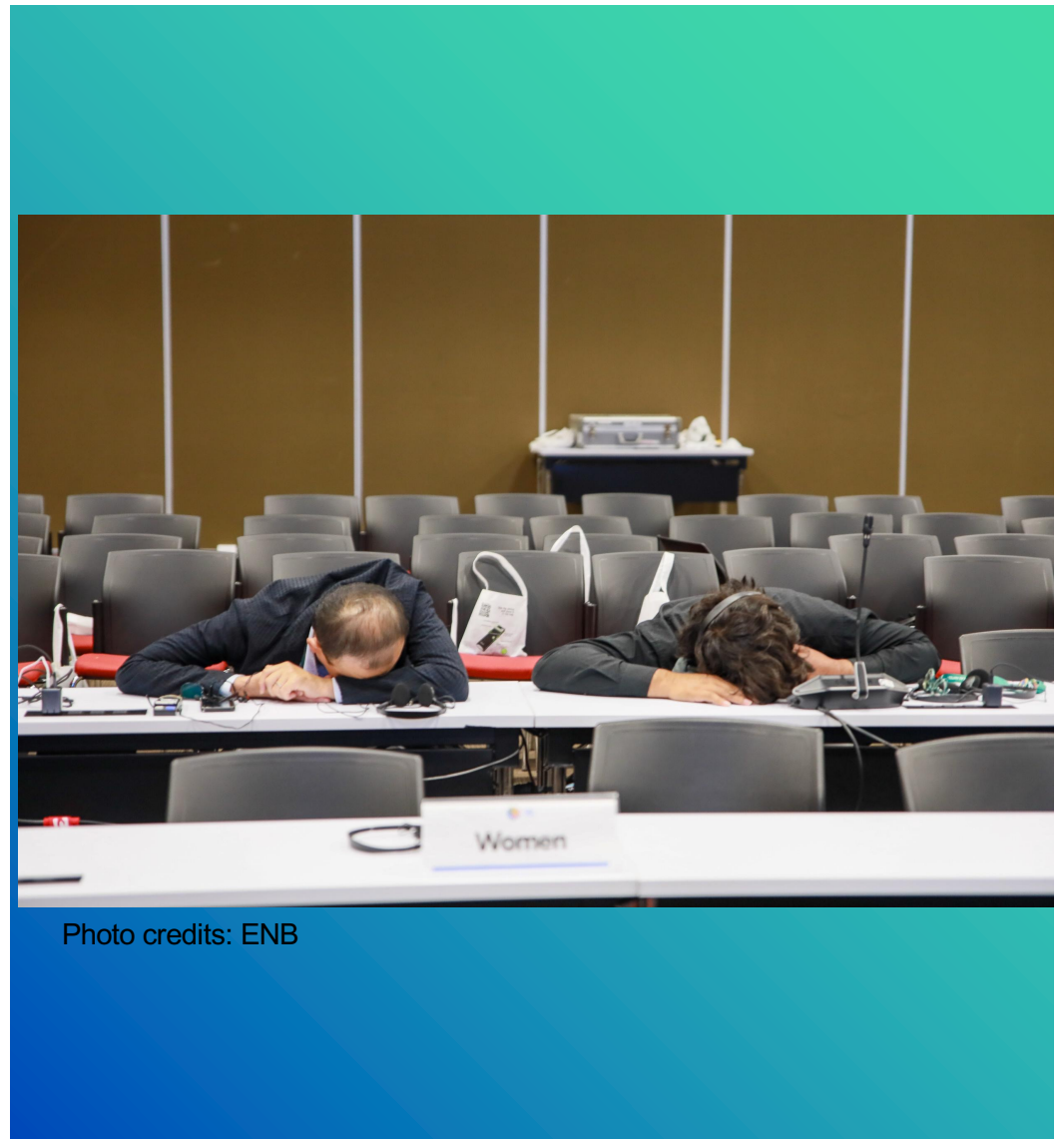


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CBD decisions on TSC involving Indigenous Peoples and Local Communities



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2. **"Invites** Parties and other Governments, in partnership with **indigenous peoples and local communities**, women and youth representatives and other relevant stakeholders, **to continue to identify and share their biodiversity-related capacity-building and development needs, including for technology assessment, through the central portal of the clearing-house mechanism**, and invites Parties, other Governments and relevant organizations to offer support to address the capacity needs thus identified;"
8. **Requests the Executive Secretary**, with the support of the Informal Advisory Group, and **subject to the availability of resources**:
 - (a) To continue to **support** Parties, **indigenous peoples and local communities**, women and youth representatives and other relevant stakeholders **in assessing and communicating their capacity needs and priorities through the central portal of the clearing-house mechanism, in collaboration with the regional and subregional support centres and relevant organizations**;



“17. Invites Parties and, as appropriate, indigenous peoples and local communities, women and youth representatives and other relevant stakeholders to make full use of the regional and subregional support centres to strengthen their capacities and to cooperate with one another to foster the effective use of science, various sources of knowledge, technology and innovations, including the traditional knowledge, innovations and practices of indigenous peoples and local communities, with their free, prior and informed consent, to support the implementation of the Convention and its Protocols and the Kunming-Montreal Global Biodiversity Framework;

Thank you for your attention!

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www.coop4cbd.eu

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