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The Role and Importance of Technical and Scientific Expertise in Supporting the CBD and its Protocols

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Provisions for Technical & Scientific Expertise in the CBD Text

- Preamble para. 7: *Aware of the general lack of information and knowledge regarding biological diversity and of the urgent need to develop scientific, technical and institutional capacities to provide the basic understanding upon which to plan and implement appropriate measures*
- Article 12. Research and Training:
 - Establish and maintain programmes for scientific and technical education and training
 - Promote and encourage research
 - Promote and cooperate in the use of scientific advances in biological diversity research in developing methods for conservation and sustainable use



Provisions for Technical & Scientific Expertise in the CBD Text

- Article 17. Exchange of Information: including exchange of results of technical, scientific and socio-economic research
- Article 18. Technical and Scientific Cooperation:
 - international technical and scientific cooperation through international and national institutions
 - technical and scientific cooperation among Parties; e.g. cooperation in the development and use of technologies, including indigenous and traditional technologies, and in the training of personnel and exchange of experts
 - clearing-house mechanism to promote and facilitate technical and scientific cooperation
 - establishment of joint research programmes and joint ventures for the development of technologies



Provisions for Technical & Scientific Expertise in the CBD Text

- Article 23 - COP may establish such subsidiary bodies, particularly to provide scientific and technical advice, as are deemed necessary for the implementation of the Convention
- Article 25 - SBSTTA:
 - (a) Provide scientific and technical assessments of the status of biological diversity;
 - (b) Prepare scientific and technical assessments of the effects of types of measures taken;
 - (c) Identify innovative, efficient and state-of-the-art technologies and know-how ... and advise on the ways and means of promoting development and/or transferring such technologies
 - (d) Provide advice on scientific programmes and international Cooperation in research and development;
 - (e) Respond to scientific, technical, technological and methodological questions that the COP and its subsidiary bodies may put to it



COP Decisions Relating to Technical & Scientific Expertise



- Many COP and COP-MOP decisions underline the need for strengthening or engaging/deploying technical & scientific expertise
- [Decision 15/2](#): Informing the scientific and technical evidence base for the
- [Decision 15/8](#): Capacity-building and development and technical and scientific cooperation (building on 14/24, XIII/23, XII/2, X/15)
 - Establishes a mechanism comprising a network of regional, and/or additional subregional technical and scientific cooperation support centres
 - Urges Parties, and invites other Governments and relevant stakeholders, to:
 - promote, science, technology, innovation and other knowledge systems to support the GBF implementation
 - promote and strengthen relevant networks of institutions and communities of practice to facilitate the exchange of biodiversity-related information, experiences, skills and technical know-how
 - develop solutions based on innovative technologies embedded in local contexts
- [Decision 14/36](#), XIII/29, XII/25, XI/13, X/11: Work of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
- [Decision XIII/31](#): Key scientific and technical needs related to implementation



Kunming-Montreal Global Biodiversity Framework

GOAL D

Adequate means of implementation, including financial resources, capacity-building, technical and scientific cooperation, and access to and transfer of technology

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 S-S, N-S and triangular cooperation.., fostering joint technology development and joint scientific research programmes and strengthening scientific research and monitoring capacities

Section C. Considerations for the implementation

Science and innovation: implementation of the Framework should be based on scientific evidence and traditional knowledge and practices, recognizing the role of science, technology and innovation

Section K. Communication, education, awareness and uptake

(g) Raising awareness on the critical role of science, technology and innovation to strengthen scientific and technical capacities to monitor biodiversity, address knowledge gaps and develop innovative solutions to improve the conservation and sustainable use of biodiversity



Opportunities for Engagement of Technical and Scientific Expertise in CBD Processes

SBSTTA

- Provide advice/recommendations to COP

AHTEGs, IACs, Liaison Groups

- Provide advice to the Subsidiary Bodies
- Provide advice to the Secretariat

Parallel/Back-to-Back Events

- Science-Policy Forum for Biodiversity
- Technology and Innovation Fair/ Expo
- Side events during COP, SBSTTA, SBI, WG-8j

Engagement in initiatives supporting implementation

- Consortium of Scientific Partners on Biodiversity (CSP)
- Biodiversity Indicator Partnership (BIP)
- NBSAP Accelerator Partnership
- Global Knowledge Support Service for Biodiversity (GKSSB)
- Regional/ Subregional TSC Support Centres (upcoming)



Importance of Technical & Scientific Expertise under the CBD

- Contribute to evidence-based planning, policy and decision-making, programming, implementation, monitoring and reporting
- Promote and facilitate the development, transfer and use of innovative, efficient and state-of-the-art technologies and know-how



Thank you for your attention!

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