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Capacity-building and development, technical and scientific cooperation, clearing-house mechanism and knowledge management under the Convention and its Protocols

Draft indicative workplan for the knowledge management strategy to support the implementation of the Kunming-Montreal Global Biodiversity Framework for the period 2025–2030**

Note by the Secretariat

Introduction

1. The draft indicative workplan for the knowledge management strategy to support the implementation of the Kunming-Montreal Global Biodiversity Framework for the period 2025–2030 presented in the annex to this note has been prepared by the Secretariat in response to the request by the Ad Hoc Open-ended Intersessional Working Group on Article 8(j) and Related Provisions of the Convention on Biological Diversity in paragraph 2 of its recommendation [12/3](#). The draft workplan takes into account the views received in response to notification No. [2024-010](#).¹
2. The proposed draft workplan presents suggested actions and their indicative implementation timelines to guide Parties in implementing the knowledge management strategy. The activities may vary among Parties depending on national circumstances and prior experience. The draft may require further refinement in the light of the deliberations on the knowledge management strategy by the Subsidiary Body on Implementation at its fourth meeting and by the Conference of the Parties at its sixteenth meeting.
3. Lastly, the workplan may require periodic revisions and updates, taking into account relevant experiences and lessons learned during its implementation. This flexibility would ensure that the plan remains relevant and responsive to the diverse and evolving needs and priorities of Parties.

* CBD/SBI/4/1.

** The present document is being issued without formal editing.

¹ The compilation of views on the draft knowledge management strategy to support the implementation of the Framework submitted during the peer review process will be made available in document CBD/SBI/4/INF/8.

Annex

Draft indicative workplan for the knowledge management strategy (2025–2030)

<i>Strategic objectives</i>		<i>Component actions</i>	2025–2026		2027–2028		2029–2030		
A	Scoping and framing of the situation and the needs	1	Map existing knowledge assets, knowledge holders, curators, sources and platforms relevant to the Kunming-Montreal Global Biodiversity Framework and national biodiversity strategies and action plans						
		2	Identify knowledge gaps, needs and priorities of Parties to ensure that the knowledge generated is fit for purpose						
		3	Identify options and mechanisms for addressing the identified knowledge gaps and needs						
		4	Develop national and regional knowledge management strategies and action plans based on the needs and priorities identified by Parties						
		5	Evaluate the effectiveness of existing knowledge management systems and platforms at the global, regional, national and subnational levels						
B	Promoting knowledge generation and synthesis	1	Establish multi-stakeholder processes and mechanisms for knowledge co-creation and production						
		2	Enhance collaboration among government institutions, organizations, private sector and relevant initiatives to promote knowledge generation						
		3	Engage and encourage research and academic institutions, holders of traditional knowledge, and other knowledge institutions and communities to undertake research and share relevant data, information and knowledge						
		4	Strengthen national and regional capacity for knowledge generation, including the collection of data, information and knowledge by private citizens at the subnational and local levels						
		5	Promote the use of digital technology, including artificial intelligence and remote sensing, to collect data and information						
		6	Identify and collect, where authorized, the traditional knowledge of indigenous peoples and local communities, with particular attention to the knowledge of indigenous women, with their free, prior and informed consent, and with clear acknowledgement of the source						

<i>Strategic objectives</i>		<i>Component actions</i>	2025–2026		2027–2028		2029–2030	
		7	Establish and convene communities of practice on knowledge management, including knowledge generation, storage, dissemination and application					
		8	Promote the documentation and publication of traditional knowledge of indigenous peoples and local communities in research publications, with their free, prior and informed consent, and with a clear acknowledgement of the traditional knowledge holders					
C	Facilitating knowledge discovery and collection	1	Develop, enhance and use web-based tools to discover and collect data, information and knowledge from various sources, including through the promotion of already existing tools, platforms and services available					
		2	Promote the use of tools and technology for knowledge discovery, such as data mining and machine learning					
		3	Engage relevant stakeholders, including knowledge holders, generators, creators, brokers and private citizens, in the creation and collation of knowledge					
D	Enhancing knowledge organization and sharing	1	Review metadata and enhance the tagging and mapping of knowledge objects from various sources to increase findability					
		2	Develop and promote data, information and knowledge-sharing standards and protocols and best practices to ensure good quality data, compatibility and interoperability across biodiversity information systems, tools and platforms					
		3	Improve data harmonization and interoperability among biodiversity-related data, information and knowledge systems					
		4	Strengthen the capacity of Governments and other stakeholders, including the private sector, to manage and share data, information and knowledge efficiently across conventions, and the programme to implement the Sustainable Development Goals and other related strategies					
		5	Promote a culture of sharing data, information and knowledge and their application at global, regional, national, subnational and local levels, including through entering into data-sharing agreements					
		6	Develop, showcase and disseminate tailored knowledge products, including through workshops, webinars, knowledge fairs community meetings, open-access online resources					

<i>Strategic objectives</i>		<i>Component actions</i>	2025–2026		2027–2028		2029–2030	
		7	Ensure compliance of data users and databases with relevant access and benefit-sharing legislation related to access to traditional knowledge to prevent the misuse and misappropriation of traditional knowledge					
		8	Develop a single national repository or portal for biodiversity-related data, information and knowledge to promote access and use as part of or linked to the national clearing-house mechanism					
		9	Encourage peer-to-peer learning on knowledge management, including through the regional technical and scientific cooperation support centres					
E	Promoting uptake and effective use and application of knowledge	1	Develop and implement strategies to increase the uptake, use and application of existing biodiversity-related data, information and knowledge to inform biodiversity programming and policy and decision-making					
		2	Promote and facilitate the sharing, replication, scale-up, adaptation and systematization of data, information and knowledge, including documented good practices and lessons learned, to improve processes and practices					
		3	Create and utilize mechanisms to facilitate interactions and dialogue between policymakers and decision makers and the research community, practitioners, indigenous peoples and local communities					
		4	Establish linkages between scientific networks and communication experts to enable the translation of scientific research outcomes into knowledge products					
F	Conducting knowledge audits and reviews	1	Undertake periodic surveys to assess, inter alia, the types of information and knowledge most frequently sought, the ease of access to the information needed, existing knowledge gaps, the level of knowledge-sharing and preferred channels, and uptake, use and application of knowledge in decision-making					
		2	Analyse major knowledge gaps and identify options to address them					
		3	Conduct a comprehensive review of the knowledge management strategy					
G	Developing capacity in data, information and	1	Undertake gap and need analyses of national knowledge management capacities in the implementation of national biodiversity strategies and action plans					
		2	Develop or strengthen the policies, strategies and programmes for biodiversity knowledge management, including for traditional knowledge					
		3	Strengthen the institutional capacity of relevant national agencies in biodiversity informatics and knowledge management, including to support efforts by indigenous					

<i>Strategic objectives</i>		<i>Component actions</i>	2025–2026		2027–2028		2029–2030	
	knowledge management	peoples and local communities to strengthen their secure indigenous knowledge systems of knowledge management						
		4 Strengthen national knowledge management systems and mechanisms for biodiversity conservation and sustainable use						
		5 Provide guidance on national database development and the sharing of experience in data access and use						
		6 Strengthen the capacities of decision makers, practitioners, the public, relevant stakeholders and knowledge holders to gain access to and use biodiversity-related data, information and knowledge, including traditional knowledge provided with the free, prior and informed consent of indigenous peoples and local communities						
		7 Develop targeted capacity-building initiatives to support the engagement of indigenous peoples and local communities, women and youth in the generation, management and use of biodiversity-related data, information and knowledge, through improved data infrastructure, training, guidance, and technical support						
		8 Establish partnerships between universities and scientific institutions and indigenous peoples and local communities to enhance the contributions of traditional knowledge to conservation and sustainable use research programmes, in line with the principle of free, prior and informed consent						
		9 Mobilize funding to support knowledge management efforts and ensure sustainability in the generation, collection, management and sharing of biodiversity data, information, and knowledge.						
H	Strengthening knowledge networks and partnerships	1 Strengthen networks on biodiversity-related data, information and knowledge management						
		2 Link centres of expertise, communities of practice, indigenous peoples and local communities and other knowledge sources						
		3 Enhance collaboration among scientific institutions, public institutions and indigenous peoples and local communities in their work on traditional knowledge related to sustainable practices						
		4 Enhance coordination and collaboration among various biodiversity knowledge initiatives, tools and platforms						

<i>Strategic objectives</i>		<i>Component actions</i>	<i>2025–2026</i>		<i>2027–2028</i>		<i>2029–2030</i>	
	5	Substantially increase the exchange of results of technical, scientific and socioeconomic 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 paragraph 1 of Article 16 of the Convention						
