



Scientific and technical needs to support the implementation of the KMGBF: Strategic review and analysis of the programmes of work item 6a

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Background

Organisation of Work Programmes

Programmes are based on COP decisions (mostly annexed)

Each programme is overseen by a staff member of the CBD secretariat

Gets revisited regularly by COP (see Multi-year Programme of Work)

Contains more or less direct research needs from the time when the decision was taken

Mentions activities for Parties and others, including inviting research institutions



Background

Work of CBD organised in Programmes of Work

Thematic programmes (7) e.g.

Agricultural Biodiversity (COP 5 in 2000)

Forest Biodiversity (COP 6 in 2002)

Mountain Biodiversity (COP 7 in 2004).....

Cross-Cutting Issues (28) e.g.

Protected Areas (COP 7 in 2004)

Technology Transfer (COP 7 in 2004)

Restoration (from COP 11 in 2012 onwards)

DSI (from COP 13 in 2016 onwards).....



Research needs in COP decisions



Motivation:

Many decisions of CBD COP meetings include directly or indirectly expressed research needs, that would have to be filled to better implement the respective decision, for the benefit of all three pillars of the Convention.

Therefore, it would make sense to compile these needs in an easily accessible format.

Method:

**Going through the text and annexes of COP decisions and check for research needs.
Keep the direct connection back to the individual decision in the compilation result.**



Overview on COP 15 decisions

Highlighted in
red: COP 15
decisions with
research needs
expressed

1 Budget	13 Coop conventions	25 EBSAs North Atlantic
2 GBF science base	14 Communication	26 EBSAs further work
3 Progress Aichi targets	15 Financial mechanism	27 Invasive Alien Species
4 GBF	16 Knowledge CHM	28 Agriculture Soil
5 Monitoring Framework	17 Mainstreaming	29 Health
6 Mechanisms planning	18 Effectiveness	30 Climate change
7 Res Mob	19 IPBES	31 Syn Bio
8 CB and Tech Coop	20 In-depth dialogue	32 Venue COP 16
9 DSI	21 IIFB recommendations	33 Multi-Year PoW
10 8j	22 Nature and Culture	34 Budget Secretariat
11 Gender plan of action	23 Sust Wildlife Manag	
12 Subnational, cities	24 Marine Sust Use	



Example for directly expressed need: Agriculture and soil

Decision	Paragraph	Chapeau / Heading	Text	Source http://www.cbd.int/decisions/
15/28	Para 6	The Conference of the Parties	Invites academic and research bodies , relevant organizations, networks and indigenous peoples and local communities, farmers, women and youth, to increase knowledge and promote awareness-raising activities on the importance of soil biodiversity and to promote further research in order to address gaps identified in the plan of action , including through different modalities of technology transfer, capacity-building and development, in accordance with the Convention	https://www.cbd.int/doc/decisions/cop-15/cop-15-dec-28-en.docx

Example for indirectly expressed need: Agriculture and soil

15/28	Annex Para 3	Plan of Action	Soil biodiversity and its biotic interactions are important levers to improve soil quality and function, highlighting the importance of research, monitoring and management that is geared directly at soil biodiversity , as an integrative part and key element of soil quality.	https://www.cbd.int/doc/decisions/cop-15/cop-15-dec-28-en.docx
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Agricultural Biodiversity: Plan of Action (2020–2030) for the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity (15/28)

- **Development of bioindicators, develop or identify and implement feasible indicators of soil biodiversity that are related to key ecosystem functions and services**
- **Develop, enhance and implement science-based risk assessment procedures**
- **Developing voluntary standard protocols to assess the status and trends of soil biodiversity**
- **Increase national capacities on soil biodiversity taxonomy**
- **Integrate the application of soil biodiversity into farming systems**
- **Further research to identify risks to soil biodiversity under climate change and potential adaption measures and mitigation tools**
- **Research and implementation of integrated pest management practices that support functions and services provided by soil biodiversity;**
- **Generate data sets on soil biodiversity, pedodiversity and on soil degradation**

Relation of research needs from COP 15 decisions to KMGBF



Topic	Decision	KMGBF target
GBF, monitoring indicators	15/4; 15/5	all
Agricultural biodiversity, soil	15/28	2; 3; 10; 11;
Gender plan of action	15/11	22; 23;
Invasive Alien Species	15/27	6; 15;
Education	15/14	21;
Technology Transfer and Cooperation	15/8	20; 21;
Marine Sustainable Use	15/24	1; 15;



The tabs of research needs from all COP decisions until COP 14, starting with COP 1, are available under:

<https://www.cbd.int/sbstta/doc/research-needed-cop14-decisions-en.pdf>



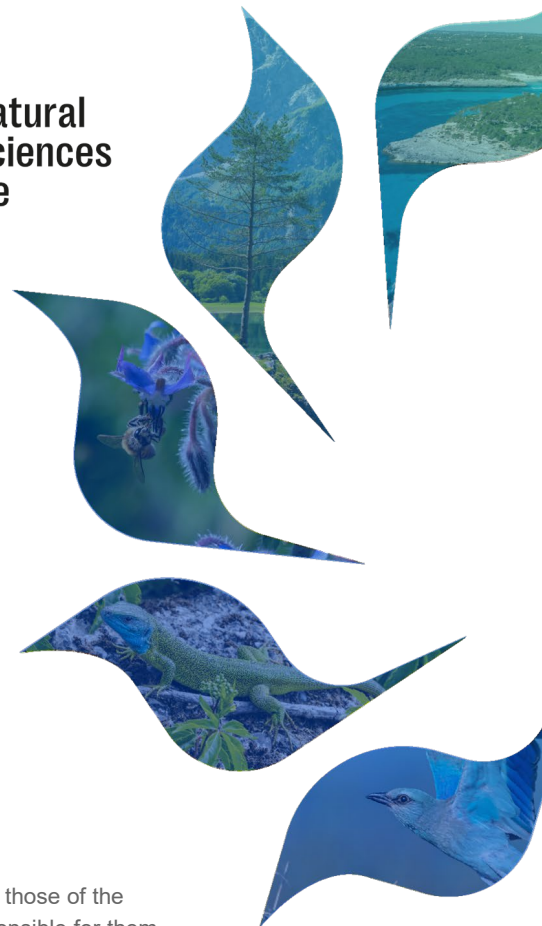
SBSTTA 27- A I6A: Strategic review and analysis of the programmes of work under the Convention in the context of the Framework

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CO-OP4CBD training meeting / 05-09-2025 / online



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History of the Agenda item 6A



COP/DEC/15/04 Kunming-Montreal Global Biodiversity Framework

- Para 8: better align and direct the work of the various bodies of the Convention and its Protocols, its Secretariat and its budget according to the goals and targets of the Framework
- Para 9: conduct a strategic review and analysis of the programmes of work of the Convention in the context of the Framework

COP/DEC/15/33 Multi Year Programme of Work

- Para 2: development of further guidance for policy development and implementation

History of the Agenda item 6A (continued)



SBSTTA 25

- Doc CBD/SBSTTA/25/4 and CBD/SBSTTA/25/INF/1
- Recommendation for intersessional work CBD/SBSTTA/25/rec/3

SBSTTA 26

- Doc CBD/SBSTTA/26/3 and CBD/SBSTTA/26/INF/15
- Recommendation for intersessional work and COP16 CBD/SBSTTA/26/rec/2

History of the Agenda item 6A (continued)



COP16

- Official doc CBD/COP/16/9

Decision CBD/COP/16/12

- Para 4e: a strategic review and analysis of the programmes of work of the Convention

SBSTTA Bureau

- overarching strategic review and analysis of the programmes of work as a whole should be completed before reviews of individual programmes of work
- updates to them should be on the basis of such analyses

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(continued)



CBD/SBSTTA/27/INF/6 (not available yet)

- Review by team of consultants
- Updated after Notification 2025-078 “Invitation to participate in the peer review of a draft report on the strategic review and analysis of the programmes of work of the Convention in the context of the Kunming-Montreal Global Biodiversity Framework”.

Agenda item 6A

(continued)



CBD/SBSTTA/27/5/ADD1

- Chapter I: Introduction
- Chapter II: Methodology
- Chapter III Findings
- Chapter IV Final conclusions of the strategic review and analysis
- Chapter V Proposed Approach

Agenda item 6A

(continued)



CBD/SBSTTA/27/5/ADD1

Chapter III Findings

- Notification 2025-078 : 14 Parties and 13 organizations provided comments
- General support for methodology
- Three broad groups grouping not linked to the annexes
- Divergent views on proposals to merge or integrate several programmes
- Implications of the recommendations not clear for needed resources and facilitation of implementation of K-M GBF

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(continued)



CBD/SBSTTA/27/5/ADD1

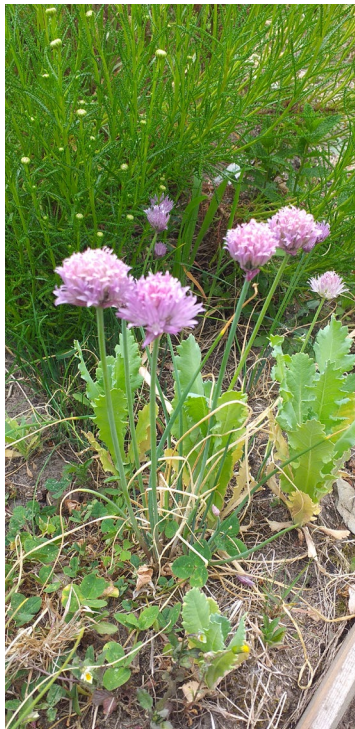
Chapter IV Final conclusions of the strategic review and analysis

Table 1 Areas of work requiring minimum adjustments

- Agricultural biodiversity; climate change and biodiversity; communication, education and public awareness; forest biodiversity; gender and biodiversity; Global Strategy for Plant Conservation; health and biodiversity; inland waters biodiversity; invasive alien species; island biodiversity; marine and coastal biodiversity; planning, monitoring, reporting and review; synthetic biology; and traditional knowledge, innovations and practices (Article 8(j)).

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(continued)



CBD/SBSTTA/27/5/ADD1

Chapter IV Final conclusions of the strategic review and analysis

Table 2 Options for the programme of work on protected areas

- – Option 1: protected areas become the focal area for all work related to Targets 1, 2 and 3 of the Framework
- – Option 2: protected areas, ecosystem restoration and spatial planning are kept as separate areas of work
- – Option 3: protected areas, ecosystem restoration and spatial planning are placed under one umbrella programme with three discrete areas of work

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(continued)



CBD/SBSTTA/27/5/ADD1

Chapter IV Final conclusions of the strategic review and analysis

Table 3 Areas of work that may benefit from enhanced integration with other related areas of work

- – Business engagement, economics, trade and incentives, mainstreaming, and tourism and biodiversity
- – Capacity-building, technical and scientific cooperation, and technology transfer
- – Financial mechanism and resource mobilization
- – Sustainable use of biodiversity and sustainable wildlife management

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(continued)



CBD/SBSTTA/27/5/ADD1

Chapter IV Final conclusions of the strategic review and analysis

Table 4 Areas of work presenting opportunities for improved efficiencies

- Biodiversity for development, biological and cultural diversity, dry and subhumid land biodiversity, ecosystem approach, Global Taxonomy Initiative, impact assessment and mountain biodiversity
- Implementation could be led by Partner organisations and Parties
- All achievements could continue to be recorded on the website of the Convention and through the clearing-house mechanisms, as information sources.

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(continued)



CBD/SBSTTA/27/5/ADD1

Chapter V Proposed Approach

5 paragraphs not written as clear recommendations that need to be rewritten according to the usual set-up of recommendations

1. Different views from parties on purpose, conclusions and recommendations of the review
2. Aligning the areas of work under SBSTTA mandate with list of several mentioned in the boxes before
3. COP to adopt rolling schedule for review under MYPOW

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(continued)



CBD/SBSTTA/27/5/ADD1

Chapter V Proposed Approach

5 paragraphs not written as clear recommendations that need to be rewritten according to the usual set-up of recommendations

4. Recommend SBI6 or 7 on the review in relation to the list see point 2
5. Recommend to submit the review to SB8J elements related to biological and cultural diversity and traditional knowledge, innovations and practices

Questions Agenda item 6A (continued)



CBD/SBSTTA/27/5/ADD1

Questions

- Are there low hanging fruits where scientific knowledge has developed a lot since the programmes of work were established ?
- agricultural biodiversity; climate change and biodiversity; dry and subhumid land biodiversity; ecosystem approach; forest biodiversity; the Global Strategy for Plant Conservation; the Global Taxonomy Initiative; health and biodiversity; inland waters biodiversity; invasive alien species; mountain biodiversity; planning, monitoring, reporting and review; sustainable use of biodiversity; sustainable wildlife management; and synthetic biology

Questions Agenda item 6A (continued)



CBD/SBSTTA/27/5/ADD1

Questions

- For SBI: do we need to ask SBI again as knowledge and guidelines have already been asked for updates by COP decisions?
- biodiversity for development; business engagement; capacity-building and development; communication, education and public awareness; economics, trade and incentives; financial mechanism; gender and biodiversity; mainstreaming; resource mobilization; technical and scientific cooperation; technology transfer; and tourism and biodiversity
- The agenda item hasn't been foreseen in SBI 6 nor during SB8J. There is no information yet if it will be taken up during SBI7. Should we therefor include these recommendations?

Thank you for your attention!

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