

# Monitoring Implementation of the Kunming-Montreal Global Biodiversity Framework



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# Kunming-Montreal Biodiversity Package

- Decision 15/4** Kunming-Montreal Global Biodiversity Framework
- Decision 15/5** Monitoring framework for the Kunming-Montreal Global Biodiversity Framework
- Decision 15/6** Mechanisms for planning, monitoring, reporting and review
- Decision 15/7** Resource mobilization
- Decision 15/8** Capacity-building and development and technical and scientific cooperation
- Decision 15/9** Digital sequence information on genetic resources





# Dec 15/4 Kunming-Montreal Global Biodiversity Framework

## 4 long-term goals for 2050

(Goals A-D)

## 23 action-oriented global targets for urgent action until 2030

- *Reducing threats to biodiversity*  
(Targets 1-8)
- *Meeting people's needs through sustainable use and benefit-sharing*  
(Targets 9-13)
- *Tools and solutions for implementation and mainstreaming*  
(Targets 14-23)



# Dec 15/5 Monitoring framework for the Kunming-Montreal Global Biodiversity Framework

**Headline indicators** - high-level indicators, which capture the overall scope of the goals and targets; to be used for planning and tracking progress.

**Global level indicators** - based on binary responses to questions (under review)

**Component indicators** - Optional indicators that together with the headline indicators would cover all components of the goals and targets

**Complementary indicators** - Optional indicators for thematic or in-depth analysis

\*The monitoring framework can be supplemented by additional national and subnational indicators



**Table 2. Proposed indicators for the Kunming-Montreal Global Biodiversity Framework**

Goal/ Target	Headline indicator	Component indicator	Complementary indicator
A	A.1 Red List of Ecosystems A.2 Extent of natural ecosystems A.3 Red List Index A.4 The proportion of populations within species with an effective population size > 500	Ecosystem Intactness Index Ecosystem Integrity Index Species Habitat Index Biodiversity Habitat Index Protected Connected (Protconn) index Parc connectedness EDGE Living Planet Index Change in the extent of water-related ecosystems over time	Forest area as a proportion of total land area Forest distribution Tree cover loss Grassland and savannah extent Mountain Green Cover Index Peatland extent and condition Permafrost thickness, depth and extent Continuous global mangrove forest cover Trends in mangrove forest fragmentation Trends in mangrove extent Live coral cover Hard coral cover and composition Global coral reef extent Global seagrass extent (Seagrass Cover and composition) Global saltmarsh extent Kelp canopy extent Macroalgal canopy cover and composition Cover of key benthic groups Fleshy algae cover Wetland Extent Trends Index Change in the extent of inland water ecosystems over time Forest Fragmentation Index Forest Landscape Integrity Index Biomass of selected natural ecosystems

# Intersessional process to finalise the Monitoring Framework

## Ad Hoc Technical Expert Group (AHTEG) on indicators

- 30 technical experts nominated by Parties
- 15 nominated representatives

A specialized webpage has been established for the Group that features a [discussion forum](#).

The AHTEG will give updates on their progress during the intersessional period and will produce a final report with recommendations for consideration by SBSTTA26 and SBI5





# Intersessional process to operationalise the Monitoring Framework

- Further develop the headline indicators and advise on their implementation
- Support the identification of important aspects related to disaggregation and aggregation for each headline indicator
- Keep the list of binary, component and complementary indicators under review
- Advise on the wording of questions to construct binary indicators to be used in national reports
- Provide advice on the existing capacity, gaps and needs in terms of capacity development, technology transfer and financing needs





**UNEP-WCMC selected tools and resources to**

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support the effective implementation and monitoring of  
the Kunming-Montreal Global Biodiversity Framework





## Strengthening national biodiversity monitoring systems for enhanced implementation of the Kunming-Montreal Global Biodiversity Framework

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- Assessment and support for national biodiversity monitoring systems in selected countries
  - Capacity building and peer-to-peer exchange at national and regional levels
  - Tailored and enhanced national support from global and regional organisations
  - Dissemination of lessons learned and case studies

# Target Tracker

Tracking progress towards the Goals and Targets of the Kunming-Montreal Global Biodiversity Framework



## Trends of headline indicators

### Goal A

The integrity, connectivity and resilience of all ecosystems are maintained, enhanced, or restored, substantially increasing the area of natural ecosystems by 2050; Human induced extinction of known threatened species is halted, and, by 2050, extinction rate and risk of all species are reduced tenfold and the abundance of native wild species is increased to healthy and resilient levels. The genetic diversity within populations of wild and domesticated species, is maintained, safeguarding their adaptive potential.

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Status: 1



Number of indicators: 4

- No data
- Trend away from the target

## Display levels



Data at the national scale provided by countries.

Data at global scales – from global indicators custodians and partners.

National indicators data disaggregated from global data to fill gaps.

Regional displays (TBC).



# The Biodiversity Indicators Partnership

The Biodiversity Indicators Partnership (BIP) is a global initiative to promote the development, delivery, and use of biodiversity indicators.

Its primary role is to delivering indicators to monitor progress toward global and national goals and targets, such as those established under the Convention on Biological Diversity, and the Convention on Migratory Species and Ramsar, among others. The BIP also supports indicators used in IPBES Assessment reports and for reporting progress towards Sustainable Development Goals. Indicators supported by the BIP are also used by national and regional government

Search Indicators under the BIP



- A global initiative to promote and coordinate the development and delivery of biodiversity indicators.
- UNEP-WCMC hosts the BIP secretariat.
- Established in 2007, since gone through several phases of expansion/adaptation to respond to needs and requests.
- 70+ partners (indicator users, providers, supporters) and approx. 80 indicators.
- Mandated by the CBD to support the development and use of indicators.

# Indicators for the Kunming – Montreal Global Biodiversity Framework

Goal/target ▾

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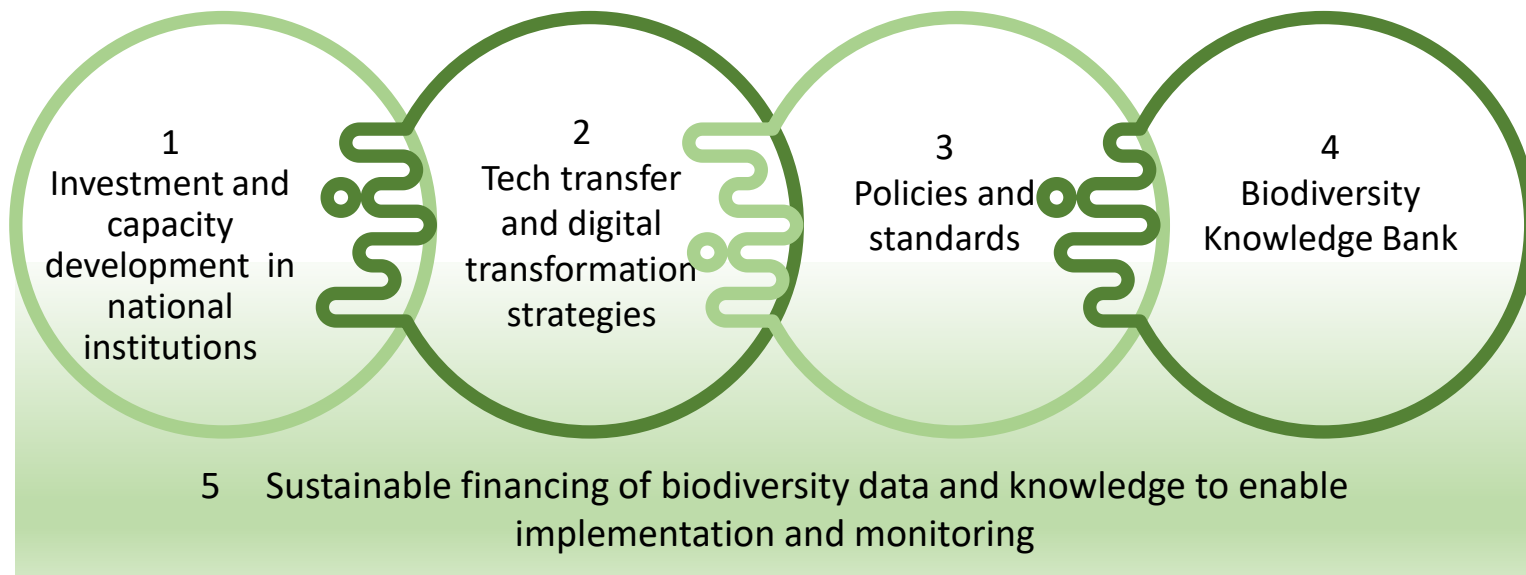
Goal/target	Indicator name	Availability	Time series	Update frequency	Other MEAs/Processes	Metadata Factsheet	
Goal A	A.1 Red List of Ecosystems*	Available	2014 - 2025	5 years		<a href="#">See metadata</a>	
Goal A	A.2 Extent of natural ecosystems*	In development	1992 - Present	In development		<a href="#">See metadata</a>	
Goal A	A.3 Red List Index	Available	1980 - 2023	Yearly	IPBES, CMS, SDG, UNCCD, SPMS, AEW, ACAP, Raptors MOU, CITES	<a href="#">See metadata</a>	

# Global Knowledge Support Service for Biodiversity

- The **purpose** of the knowledge support service for biodiversity (GKSSB) is to support Parties and major groups to implement and monitor the Kunming-Montreal Global Biodiversity Framework.
- Collaborating in a **federated system**, participating institutions share knowledge, insights and learning through a flexible and inclusive approach, supporting national, sub-national and regional users.
- The knowledge service for biodiversity builds on existing resources, facilitates exchanges and technology transfer, and connects to initiatives and opportunities to drive a mainstreaming agenda.
- The end-benefit of the knowledge service is **greater institutional capacity, efficiencies in and increased visibility** of the efforts of all actors to implement and monitor the global biodiversity framework.



# Overview of key capacity development and cooperation components



<https://gkssb.chm-cbd.net/>

# Resources

- CBD/COP/DEC/15/5 Monitoring framework for the Kunming-Montreal Global Biodiversity Framework <https://www.cbd.int/doc/decisions/cop-15/cop-15-dec-05-en.pdf>
- UNEP-WCMC dataset on available and emerging biodiversity related indicators, and their metadata available here: [www.post-2020indicators.org](http://www.post-2020indicators.org)
- Global Knowledge Support Service for Biodiversity <https://gkssb.chm-cbd.net/>
- Target Tracker <https://target-tracker.org/en>
- Biodiversity Indicators Partnership <https://www.bipindicators.net/>



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Ecological Civilization-Building a Shared Future for All Life on Earth

KUNMING – MONTRÉAL

# Thank you for listening!



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