

## Review Comment Template for the document on indicators for the draft goals and targets of the post-2020 global biodiversity framework

Parties and stakeholders are invited to make suggestions of indicators (currently available or under development) that may be used to measure progress towards the post-2020 framework. The draft components and elements of the monitoring framework for the post-2020 global biodiversity framework are based on updated draft goals and targets, as was requested by the second meeting of the OEWG, and presented in document <https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf>.

Please note: there are two tables in this document, one for suggestions for indicators for the draft monitoring elements of goals, and another table for indicators for the draft monitoring elements of targets

### Instructions for providing input on indicators and completion of indicator tables (for goals and targets):

- Please do not add columns to the tables below
- Please add rows for additional indicators related to monitoring elements for specific components from goals (table 1) and components from targets (table 2). The information of draft components and monitoring elements for goals and targets is available in document <https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf>
- To add an indicator for specific monitoring elements, please provide the following information:
  - Column 1: copy/paste the component of the goal (enter information in table 1) or target (enter information in table 2) from <https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf>, which the indicator can be used for. This MUST be provided
  - Column 2: copy/paste the specific monitoring element of the goal (enter information in table 1) or target (enter information in table 2), which the indicator can be used for from <https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf>. This MUST be provided
  - Column 3: the published or accepted name of the indicator. This MUST be provided
  - Column 4: the name of the organisation(s) responsible for producing the indicator and keeping it up to date. This MUST be provided
  - Column 5: please state whether the indicator is ready for use today (with an X) or if is still under development (Y). This MUST be provided
  - Column 6: if you are adding a new indicator that is still under development, please indicate the year that you expect it to be available
  - Column 7: for any existing indicator, please add the year of the last update
  - Column 8: please provide the time series for the indicator and frequency of update (e.g. 1990-2020, available every 5 years).
  - Column 9: please state (Y or N) whether there is a published methodology for application of the indicator at the national level
  - Column 10: please state (Y or N) whether any new or existing indicator can be disaggregated at the national level for use by Parties
  - Column 11: please state (Y or N) whether the indicator is aggregated from data that is collected at the national level (e.g. with data from national institutions)
  - Column 12: please state (Y or N) whether any indicator has been used in the 4<sup>th</sup> Edition of the Global Biodiversity Outlook (GBO-4).
  - Column 13: please state (Y or N) whether the indicator is currently included in the SDG indicator framework and provide the SDG indicator number
  - Column 14: please state whether an indicator is used for any Multi-Lateral Environmental Agreements other than the CBD (e.g. Ramsar Convention, CMS) or is used as an indicator by IPBES, by writing the abbreviated name of the MEA or process
  - Column 15: please enter any further information or relevant links
- Example entries have been provided in the tables below for goals and targets, please follow the same format for each indicator entry
- Inputs should be sent by e-mail to [secretariat@cbd.int](mailto:secretariat@cbd.int) no later than 25 July 2020

For general comments please use the template provided in page 2 below

<b>Review comments on the draft indicator framework for the post-2020 global biodiversity framework</b>	
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**Table 1. Indicators for monitoring elements of the draft goals (with example entries)**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Components of the draft Goals <small>(copy/paste text from <a href="#">CBD/SBSTTA-24/post-2020-monitoring.en.pdf</a>)</small>	Goal Monitoring Elements <small>(copy/paste text from <a href="#">CBD/SBSTTA-24/post-2020-monitoring.en.pdf</a>)</small>	Indicator name	Responsible Institution for the indicator	Available today (X) or under active development (Y)	Date of availability for indicator in development (Year)	Year of last update (e.g. 2019)	Time series and frequency of updates (e.g. 1985-2019, annually)	Methodology available for national use (Y/N)	Global indicator can be disaggregated for national use (Y/N)	National data aggregated to form global indicator (Y/N)	Used in GBO-4 (Y/N)	SDG indicator (Y/N)	Indicator used to measure other MEAs or processes (e.g. Ramsar Convention, IPBES, CMS)	Comments
GA1. Increased extent of natural ecosystems (terrestrial, freshwater and marine ecosystems)	Trends in area of forest ecosystems	Forest area as a percentage of total land area	FAO	X		2020	1990-2015	Y	Y	N	N	Y SDG indicator 15.1.1		
GA4. Increase the number and health of common species	Trends in species abundance	Living Planet Index (LPI)	ZSL/WWF	X		2020	1970-2020, available every 2 years	Y	Y	N	Y	N	CMS, Ramsar, IPBES	
...														

**Table 2. Indicators for monitoring elements of the draft targets (with example entries)**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Components of the draft Targets <small>(copy/paste text from <a href="#">CBD/SBSTTA-24/post-2020-monitoring.en.pdf</a>)</small>	Target Monitoring Elements <small>(copy/paste text from <a href="#">CBD/SBSTTA-24/post-2020-monitoring.en.pdf</a>)</small>	Indicator name	Responsible Institution for the indicator	Available today (X) or under active development (Y)	Date of availability for indicator in development (Year)	Year of last update (e.g. 2019)	Time series and frequency of updates (e.g. 1985-2019, annually)	Methodology available for national use (Y/N)	Global indicator can be disaggregated for national use (Y/N)	National data aggregated to form global indicator (Y/N)	Used in GBO-4 (Y/N)	SDG indicator (Y/N)	Indicator used to measure other MEAs or processes (e.g. Ramsar Convention, IPBES, CMS)	Comments
T4.1. Harvest is legal, sustainable and safe for human health and biodiversity	Trends in proportion of biological resources harvested legally	Red List Index	IUCN & BirdLife International	X		2020	1993-2020, updated annually	Y	Y	N	Y	Y SDG indicator 15.5.1	CMS, IPBES, Ramsar	
T6.4. Reduction of pollution from other sources	Trends in levels of pollution from sediments	Index of Coastal Eutrophication	UNEP / IOC-UNESCO	Y	2021		Every 5 years					Y SDG indicator 14.1.1a		
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General Comments	
Page	Comment
48-50	We have suggested that additional Monitoring Elements and Indicators are needed for the restoration components of the Monitoring Framework. These have been addressed in our comments on the monitoring framework. In these comments, we point out that using the term “restored” alone in the Monitoring Elements is problematic, and that “... or undergoing restoration” should be added to Monitoring Elements for Target 1.4. We suggest this because most ecosystems take very long-time frames to achieve full recovery and many restoration projects are only able to achieve partial recovery (Moreno-Mateos et al. 2017, Gann et al. 2019, Moreno-Mateos et al. 2020). Therefore, additional indicators are needed to track proportion of land undergoing restoration (i.e., degradation reversing, but not fully restored). Currently, there is no global system in place to evaluate or monitor completeness or quality of restoration, but the 5-star system and Ecological Recovery Wheel in SER’s <i>International principles and standards for the practice of ecological restoration</i> (Gann et al. 2019, <a href="https://doi.org/10.1111/rec.13035">https://doi.org/10.1111/rec.13035</a> ) provide a framework that can be utilized to do so if sufficient resourcing were available. While the Global Ecosystem Restoration Index is proposed as an Indicator for ecosystems restored, this remote

	sensing only system is not capable of measuring restoration completeness or quality, especially as it relates to biodiversity. Unless major changes are underway for GERI, it should be reconsidered as an Indicator for Target 1.4 and other indicators should be developed or considered.
Throughout	As in our comments for the Monitoring Framework, we suggest replacing language like “habitat creation” with “ecosystem restoration”, “habitat conservation” with “ecosystem conservation”, and wherever “maintenance” is used with regards to ecosystems, replace with “management”.
	Additional rows can be added to this table by selecting “Table” followed by “insert” and “rows below”