**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 4th 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

**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**  **(copy/paste text from** [**CBD/SBSTTA-24/post-2020-monitoring.en.pdf**](https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf)**)** | **Goal Monitoring Elements**  **(copy/paste text from** [**CBD/SBSTTA-24/post-2020-monitoring.en.pdf**](https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf)**)** | **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* |  | forest cover estimates include monoculture tree plantations, which implies that the expansion of forest cover can actually be associated with biodiversity decline. By using this indicator, the entire monitoring framework of the CBD is undermined. |
| *GA2.* Ecosystem  integrity and  connectivity  (terrestrial,  freshwater and marine ecosystems) |  |  |  |  |  |  |  |  |  |  |  |  |  | Suffers from lack of indicators |
| GB2. Nature’s  material  contributions  including food,  water and  others |  |  |  |  |  |  |  |  |  |  |  |  |  | Indicates lack of rights based approach |
| GB3. Nature’s  non-material  contributions  including  cultural |  |  |  |  |  |  |  |  |  |  |  |  |  | if there is not a specific socio-economic breakdown of “nature’s contributions to people”, these contributions will be gender-blind, and blind in terms of recognising the distinct dependencies of rights holder groups that are marginalised due to ethnicity, religion or race, including in particular Indigenous Peoples, on biodiversity values. This will likely exacerbate existing inequities as for example the monetary value of tourism that mainly accrues to government agencies and wealthy stakeholders in the tourism sectors will be equated with the direct livelihood values of indigenous peoples and local communities, including in particular women, who depend on certain areas for their daily survival. Monetary valuation is absolutely inadequate for such equations. |
| GD1.  Availability of  sufficient  financial  resources |  |  |  |  |  |  |  |  |  |  |  |  |  | Propose adding an indicator on redirection of perverse incentives, and, especially, the redirection of harmful investments. |

**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**  **(copy/paste text from** [**CBD/SBSTTA-24/post-2020-monitoring.en.pdf**](https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf)**)** | **Target Monitoring Elements**  **(copy/paste text from** [**CBD/SBSTTA-24/post-2020-monitoring.en.pdf**](https://www.cbd.int/sbstta/sbstta-24/post2020-monitoring-en.pdf)**)** | **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** |
| T2.1. Area of  terrestrial,  freshwater and  marine ecosystem  under protection  and conservation |  |  |  |  |  |  |  |  |  |  |  |  |  | Other area based conservation measures are yet to be integrated as an indicator |
| T2.6. Increased  protection and  conservation  effectiveness | Trend in  conservation  effectivenes  s of  protected  areas and  other areabased conservation  measures |  |  |  |  |  |  |  |  |  |  |  |  | Lack of mention of effective safeguards and FPIC as indicators |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**General Comment**

We also question the suggestion of using a baseline of “pre-human disturbance” (page 12). Aside from the highly questionable assumption that human disturbance on ecosystems would always be negative for biodiversity, it is also causing major scientific complications as most ecosystems have been subject to human disturbance since the last ice age, and the impacts of the ice age itself were so severe that it makes little sense to use a pre-ice age period as a baseline. (e.g. forests grew back in the Netherlands since the last ice age only, and they were influenced by human beings and their livestock from the moment they grew back).