INDICATOR ASSESSMENTS AND TOOLS FOR THE DEVELOPMENT OF THE MONITORING FRAMEWORK OF THE POST 2020 GLOBAL BIODIVERSITY FRAMEWORK

Katherine Despot-Belmonte, Natasha Ali
Lauren Weatherdon, Sarah Ivory

Biodiversity Indicators Partnership

UN environment programme WCMC

UNEP-WCMC and the BIP

UNEP-WCMC is a global Centre of Excellence on biodiversity

Key role in providing information about indicators – including Secretariat to BIP

BIP global initiative to promote and coordinate the development and delivery of biodiversity indicators.

70+ partners

Mandated to support the development and use of indicators in 23 COP Decisions and 14 SBSTTA recommendations

Biodiversity Indicators Partnership
bip

Resources for the development of the post-2020 monitoring framework

- Many organisations have been sharing information about indicators relevant for the monitoring framework

- Assessments of the availability and suitability of indicators to inform discussions and support the further development of the post-2020 monitoring framework (CBD/SBSTTA/24/INF/16)

- Information about available indicators will be made accessible online

Context: Peer review of draft monitoring framework May to August 2020

CBD/SBSTTA REC 23/1 requested the BIP and partners to:

- peer review of document on "Indicators for global and national biodiversity targets: experience and indicator resources for development of the post-2020 global biodiversity framework and……..
- "a document that identifies the range of relevant existing indicators………."

Peer review response:

- 106 documents submitted by 60 Parties, plus USA
- 281 documents submitted by 189 observers
- Nearly 10,000 separate comments on the proposed monitoring framework including over 5,000 on the proposed indicators

https://www.cbd.int/doc/c/a571/b25e/544f7e2b1843a86bb062ad06/sbstta-24-inf-20-en.pdf

Indicator suitability assessment method - process

Alignment

How well does the indicator align to the text of the relevant Post 2020 biodiversity framework monitoring element?

- Each indicator assessed for alignment by two reviewers with relevant expertise in the theme/topic covered
- Reviewers allocated independent alignment scores and justification
- Alignment scores and justifications reviewed by UNEP-WCMC's Chief Scientist and final score allocated along with final justification/explanation

Temporal Relevance

Are there enough data points available for the period 2010-2020 to enable accurate assessment?

- Number of data points available, noting the frequency of update.
- Note of indicators which have not been updated during the timeframe of the 2010-2020 strategic plan

Spatial Coverage

What is the spatial scale of the indicator?

- Review and assess spatial coverage of indicator, i.e. number of continents and countries covered.

Tittensor, D P et al. (2014) A mid-term analysis of progress toward international biodiversity targets. Science, 346:6208, pp 241-244. Available at: https://science.sciencemag.org/content/346/6206/241

Indicator assessment methodology - scoring

Score	Alignment to monitoring element	Temporal relevance	Spatial coverage
High/Good (3 points)	As defined by Tittensor et al. (2014)	Total of ≥5 data points available for 2010-2020	'Good', as defined by Tittensor et al. (2014): • 5 + continents (>20 countries total)
Medium/ Moderate (2 points)	As defined by Tittensor et al. (2014)	3-4 data points are available between 2010-2020	'Moderate', as defined by Tittensor et al. (2014): • 3-4 continents (>10 countries total); • 5 + continents (<20 countries total)
Low/Poor (1 point)	As defined by Tittensor et al. (2014)	≤2 data points are available between 2010-2020	'Poor', as defined by Tittensor et al. (2014): • 1-2 continents (no matter how many countries); • 3-4 continents (<10 countries total)
Unknown	N/A - all "available" indicators were assessed for alignment	Number of data points could not be validated e.g., data could not be accessed/was not publicly available, nor provided by institution responsible for indicator	Spatial coverage could not be accessed/validated e.g., data could not be accessed/ were not publicly available and no further information was provided by institution responsible for indicator

Important considerations about the assessment methodology

- Only available indicators were assessed

- It can be re-run once other indicators under development become available

- Some indicators can be used for different components of the monitoring framework
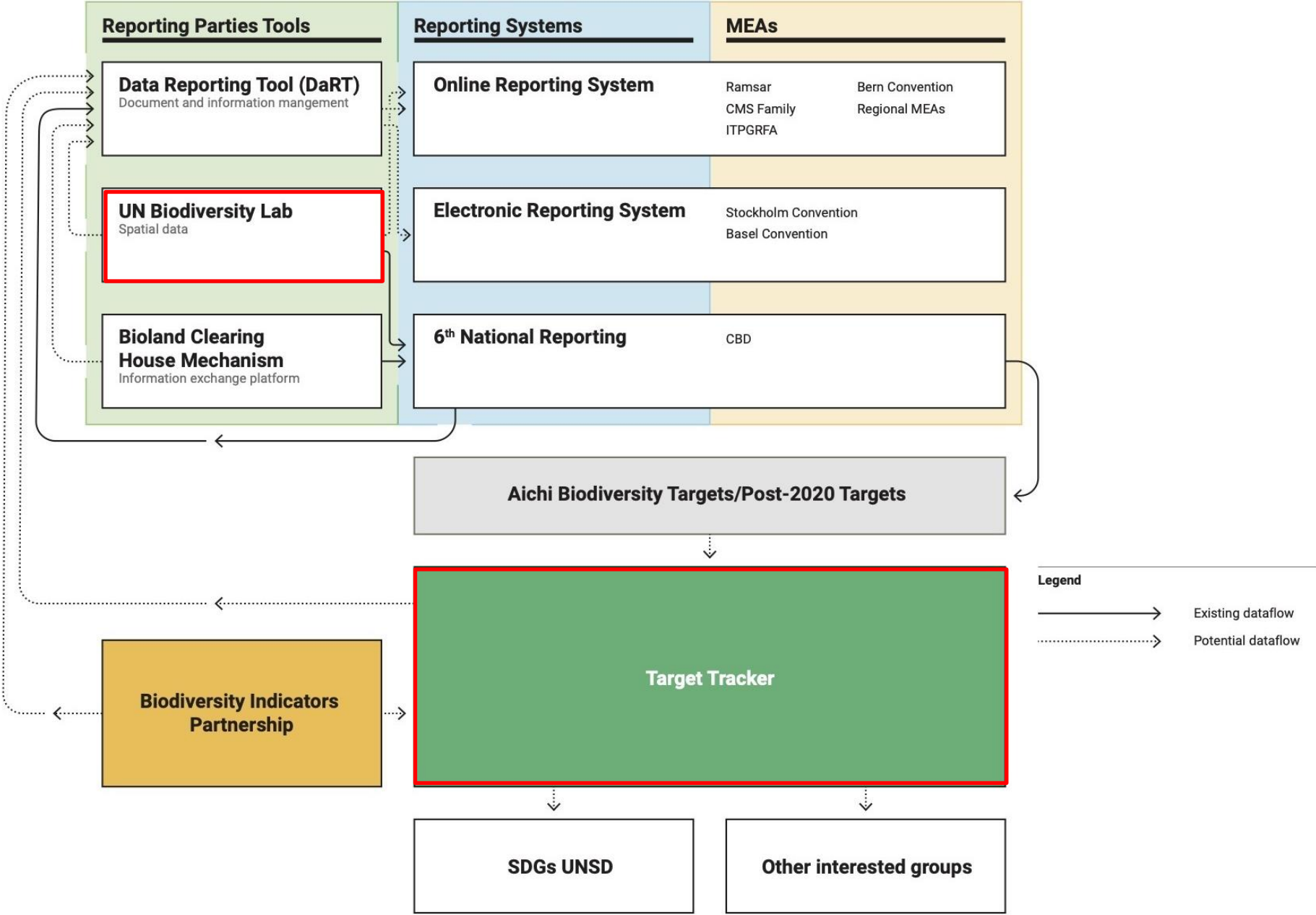
Accessible information about indicators

CBD/SBSTTA/24/INF/16 details the analysis and provides a list of 155 available indicators. The information is presented in different ways in the Annexes

Information on available indicators is also being made accessible online, to further support discussions

1. Available and suitable indicators for the draft post-2020 monitoring framework by goal, target and component

2. An alphabetical list of indicators

3. Mapping of headline indicators and available indicators

Future options for data and indicator flows in the national reporting landscape