

Integration of Biodiversity Data in CBD Clearing-House Mechanism



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Organize aggregated and structured information on national biodiversity in a form which can readily be incorporated into Clearing-House Mechanism country profiles and national CHM websites.

Rationale

A significant disconnection remains between available sources of national-scale biodiversity data and the needs of the Parties to the CBD. Many countries have existing processes to organize the information needed by their national agencies, but there has been limited success in organizing internationally-source biodiversity data in a way that can complement and enhance these activities. There are significant benefits which can be expected in organizing a core subset of biodiversity information components (e.g. species lists, measures of data coverage and comprehensiveness, and representations of Essential Biodiversity Variables (EBVs)) for easy integration by any nation into its country profile and CHM website and for ready use in NBSAP development and national reporting. Closing this loop with the CBP Parties will also increase shared understanding of the opportunities and needs for better management of biodiversity data.

Status: **CONCEPT**

Value: **VERY HIGH**

Readiness: **MODERATE**

Estimated costs: *Research and Development - €200,000 Operationalisation - €500,000 Ongoing annual - €200,000*

Elements to accommodate

- Global and National Red List statuses
- Listing of introduced and invasive species (cf. [GRIIS](#))
- Summary metrics and data coverage from GBIF
- Listing of data publishers
- EBV datasets as these become available

Remaining challenges

- Avoid infringing sovereignty of Parties
- Develop prioritized form for consistent presentation of data
- Offer simple but flexible options for reuse of prioritized data components
- Develop appropriate representation of confidence and granularity of available data products

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GBIO Component	Significance of this investment
 Visualization and Dissemination	Cooperate with CBD and parties on delivery of biodiversity information in a form and at a scale of use to policymakers
 Prioritizing New Data Capture	National-scale focus on use of biodiversity data will be a key driver for prioritizing future data capture
 Policy Incentives	Greater coordination with CBD Parties will assist with adoption of common approaches to ensure mobilization of necessary data

Supporting stakeholders

>>> Institutional logos here for stakeholders with particular interests in promoting delivery of this component <<<