

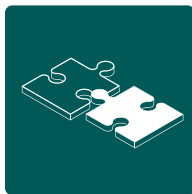


# BIODIVERSITY BUILDING BLOCKS FOR POLICY



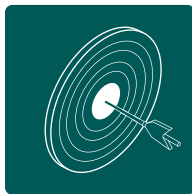
## CHALLENGES

The global biodiversity crisis requires rapid, reliable and repeatable biodiversity monitoring data which decision makers can use to evaluate policy.



## OPPORTUNITIES

Such information – from local to global level and within relevant timescales – calls for an improved integration of data on biodiversity from different sources.



## AIM

B-Cubed is standardising access to biodiversity data, empowering policymakers to proactively address the impacts of biodiversity change.



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## APPROACH

B-Cubed aims to transform biodiversity monitoring into an agile and responsive process by:



### Policy alignment

Working closely with existing biodiversity initiatives to identify and address policy needs.



### Automated workflows

Packaging known methods together into standardised workflows that can be run by anyone for any region and can be updated.



### Capacity building

Developing a number of guidelines, training programs and activities to train a new generation of data scientists.



### Evidence base

Providing fast access to pre-aggregated and modelled biodiversity data and standardised biodiversity indicators responsive to the addition of new data.



### Cloud computing

Enabling models that allow researchers to configure and calculate species occurrence cubes on demand in a cloud computing environment.

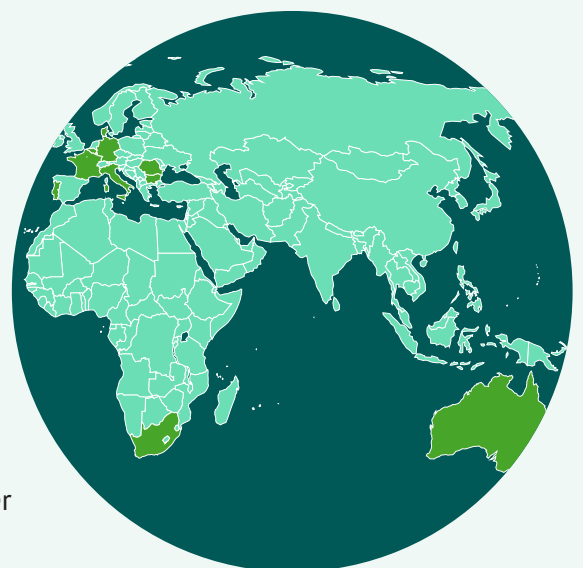


### Case studies

Demonstrating the effectiveness of its solutions in four case studies, varying in geographic extent, biodiversity richness and data availability.

## PARTNERS

-  Meise Botanic Garden
-  Global Biodiversity Information Facility
-  Research Institute for Nature and Forest
-  University of Bologna
-  Justus Liebig University Giessen
-  Ovidius University of Constanța
-  South African National Biodiversity Institute
-  Stellenbosch University
-  Pensoft Publishers
-  Martin Luther University of Halle-Wittenberg
-  French Institute for Research in Computer Science and Automation
-  University of Aveiro
-  La Trobe University



## PROJECT COORDINATOR

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## DURATION

1 March 2023 – 31 August 2026