Coordinated biodiversity monitoring in Europe

This project receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101007492.
Top challenges

- Inaccessible and insufficient raw data
- Unharmonised measurements and indicators
- Reporting and financial burden
- Confusing network of knowledge holders
- European IT infrastructure for biodiversity monitoring absent
Solutions

- Better coordination
- Standards
- Digitalisation and new technology
- More funding
- Capacity building
Terms of reference of a Biodiversity Monitoring Coordination Centre - BMCC

- EuropaBON, together with a broad network of collaborators, will assess the feasibility to set up such a BMCC in Europe
- Co-design and get a broad agreement & acceptance around the BMCC, which could be part of a new legal biodiversity governance framework
- HOW?: Start intensive dialogue around different alternatives for a mandate, a governance structure and a financing model
Extended membership

- **37 Countries**
- **74 Partners**
  - **23** EU-13
  - **17** non-EU/EEA countries

- **Other ministry**: 2
- **Regional actor**: 2
- **Environment Protection Agency**: 8
- **Ministry in charge of environment**: 18
- **Founding agency/foundation**: 36
Extended portfolio of activities & budget amplitude

Co-funded by the European Union

Budget of >800 Mio € over 7 yrs, combining in-cash and in-kind resources from its Partners and including 165 Mio € by the European Commission

EU Biodiversity Strategy 2030:
“... making the bridge between science, policy & practice...”

Aligned with the post-2020 GBF
Promoting & Supporting transnational biodiversity monitoring

Biodiversity monitoring better articulated with R&I and policy

New tools & approaches for biodiversity monitoring
Biodiversa+ survey (23 countries) and follow-up interviews

Objectives:

✓ Understand national & subnational biodiversity monitoring governance structure. Who are the key actors, how are they organized, what activities are performed?

✓ Understanding national & subnational biodiversity monitoring priorities

✓ Assessing if and how EBVs could be used as a tool for harmonisation

✓ What topics could be covered by a Biodiversa+ pilot on biodiversity monitoring?
Biodiversa+ survey (23 countries) and follow-up interviews
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How do you wish to see the interplay of biodiversity monitoring coordination in the future (by the end of the partnership 2028)?

- More focus on national coordination hubs/centres: 4
- More focus on a European biodiversity monitoring coordination centre: 3
- Both national and European, including well-defined roles and areas of collaboration of national and European biodiversity monitoring coordination centres: 20
- Separate thematic coordination networks across the EU (e.g. expert networks focusing on pollinators or birds alone, and extending those to cover other taxa): 14
- Unknown: 1
- Other: 1

Would you like Biodiversa+ to help with collaboration/solutions/support for:

- Coordination at national/dedicated scale: 14
- Methods: 13
- Indicator development: 12
- Data management and interoperability: 11
- Data prioritisation & evidence: 7
- Coordination at European scale: 7
- Unknown: 0
- Other: 0
Biodiversa+ monitoring pilots

- Invasive Alien Species
- Soil Biodiversity
- National biodiversity monitoring coordination & data interoperability
Biodiversa+ - EuropaBON collaboration

- Biodiversa+ will contribute to developing and testing aspects of the new European monitoring design proposed by EuropaBON.

- Testing in different countries and contexts, as well as co-developing solutions to overcome the challenges/bottlenecks identified by EuropaBON (including the terms of governance).

- Biodiversa+ can help to increase the ownership from environmental policy actors and ultimately ease the adoption of recommendations and possible solutions.

- Biodiversa+ can help to provide a more sustainable & long-term context for biodiversity monitoring in Europe (incl capacity building and reinforcing of national & subnational monitoring schemes) & ensuring integration with R&I.
CALL - NOW OPEN

Improved transnational monitoring of biodiversity and ecosystem change for science and society

Deadline: 9 November 2022