

# OpenBioMaps



Funding source

Private donors,  
other

In-kind value

€100k–€250k

Timeframe

2012–ongoing

Target group

Policy-makers

Scale

Institutional

Year of reporting

N/A

## Best practice

**OpenBioMaps** is an open-source, self-hosted biological data management platform developed for national parks and research laboratories to collect and manage biodiversity monitoring data. It is designed to support the day-to-day work of data managers while facilitating the free flow, and increased use, of data. It also aims to support the interconnection of workflows between different data management and analysis systems.


**DEBRECENI  
EGYETEM**

### Collaborators:

National parks, associations, universities and other entities from Germany, Hungary, Romania, and Kyrgyzstan. In more than 20 countries, data collections involving local researchers are carried out through international cooperation using OpenBioMaps.

## Added value

- Support the **link between research and conservation** by facilitating the flow of data and developing a common technical language.
- Implement a **distributed, bottom-up systems approach** that works effectively to meet individual needs requiring greater flexibility than centralised systems.
- Develop a sustainable and **cost-effective development model** with a strong user and stakeholder focus.

## Problem addressed

**OpenBioMaps** addresses the challenge of efficient biological data management for national parks and research laboratories by providing a free, open source platform. Its integration into EOSC aims to streamline nature conservation data collection by enabling multiple users to perform tasks via cloud services in support of biodiversity research and conservation efforts across Europe.




Family photo at an OpenBioMaps meeting. András Attila Takács Photography







### SRIA General Objective

G03: Establish a sustainable and federated infrastructure enabling open sharing of scientific results

### Research areas

 Natural Sciences

### Type of result

 Infrastructure
  Software
  Training  
 Service
  Tool
  Network