OpenBioMaps

Funding source	In-kind value	Timeframe	Target group	Scale	Year of reporting
Private donors, other	**€100k–€250k**	**2012–ongoing**	**Policy-makers**	**Institutional**	**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.

Hungary

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

GO3: 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

More information openbiomaps.org

OpenBioMaps