

Toward a service driven e-infrastructure for biodiversity

pro-iBiosphere project

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Background information

- Biodiversity data and information constitute an important source of knowledge for many disciplines.
- The pro-iBiosphere project is preparing the ground for the implementation of a service driven e-infrastructure that supports Open Access of biodiversity data, information and knowledge, and facilitates their interoperability.
- Implementation will need to take place during a second project.

Purpose

- Find solutions to the technical and semantic difficulties of linking biodiversity data.
- Address issues of sustainability in providing biodiversity information services globally and openly.

Activities

- Meetings with stakeholders in support of open science.
- Pilots to make biodiversity data and information open, linked and digital.

Impact

- Support reliable, updated and permanent access to digital biodiversity records.
- Allow linking biodiversity literature, collections, images, sequences.
- Allow global interoperability and sharing of biodiversity data, information and knowledge.
- Provide new services in support of open science, conservation, resource management.
- Facilitate new types of research.

