



Seventh Framework Programme (FP7)

[Find a project](#)
Indicators for biodiversity in organic and low-input farming systems (BIOBIO)

Funded under 7th FWP (Seventh Framework Programme)

Research area: KBBE-2008-1-2-01 Development of appropriate indicators of the relationship between organic/low-input farming and biodiversity

Coordinator**Contact Person:** Name: HERZOG, Felix (Dr)

Tel: +41-443777445

Fax: +41-443777201

Email: [Contact](#)

Organisation: EIDGENOSSISCHES VOLKSWIRTSCHAFTSDEPARTEMENT
 Bundeshaus Ost
 SWITZERLAND

Project description

Organic and low-input farming systems have been shown to benefit farmland biodiversity although a generic indicator system to assess these benefits at the European level is lacking. The BIOBIO project will therefore pursue the following objectives:

- Conceptualization of criteria for a scientifically-based selection of biodiversity indicators for organic/low-input farming systems;
- Assessment and validation of a set of candidate biodiversity indicators in representative case studies across Europe (and in ICPC countries);
- Preparation of guidelines for the implementation of biodiversity indicators for organic/low-input farming systems for Europe and beyond.

Existing indirect farm management indicators as well as direct indicators for genetic, species and habitat diversity will be assessed for their scientific soundness, practicality, geographic scope and usefulness for stakeholders. Candidate indicators will be tested in a standardized design in twelve case studies across Europe and later in three ICPC countries. Case study regions will include pannonian, alpine, boreal, Atlantic and Mediterranean grassland systems (both organic and/or low-input), rain fed organic farms under temperate and Mediterranean conditions, mixed organic farming, organic special crops and low-input tree/agroforestry systems. Plot, farm and regional scales (where applicable) will be addressed.

The investigation will include new agricultural practices, e.g. soil conservation, crop rotation management, seed and crop mixtures and economic issues relating to the costs of indicator measurement and to benefits of biodiversity as perceived by different groups of the population. Stakeholders (farming communities, conservation NGOs, administrators) will be integrated at critical stages of the indicator selection process. A handbook with factsheets will be produced for validated indicators and a sampling design for biodiversity monitoring in organic and low-input farming systems across Europe.

- [FP7 Home](#)
- [FP7 newsroom](#)
- [Understand FP7](#)
- [Participate in FP7](#)
- [Find a call](#)
- [Register your organisation](#)
- [Preparation and Submission of Proposals \(EPSS\)](#)
- [Get support](#)
- [Find project partners](#)
- **[Find a project](#)**
- [Find a document](#)

Project details

Project Acronym: BIOBIO
Project Reference: 227161
Start Date: 2009-03-01
Duration: 42 months
Project Cost: 3.92 million euro
Contract Type: Small or medium-scale focused research project
End Date: 2012-08-31
Project Status: Execution
Project Funding: 3 million euro


Participants

UNIVERSIDAD DE EXTREMADURA	SPAIN
NORSK INSTITUTT FOR SKOG OG LANDSKAP	NORWAY
SZENT ISTVAN EGYETEM	HUNGARY
MAKERERE UNIVERSITY	UGANDA
INSTITUT NATIONAL DE RECHERCHES EN GENIE RURAL, EAUX ET FORETS	TUNISIA
BILA TSEKVA NATIONAL AGRARIAN UNIVERSITY	UKRAINE
INSTITUTE OF PLANT GENETIC RESOURCES	BULGARIA
SOLAGRO ASSOCIATION	FRANCE
UNIVERSITA DEGLI STUDI DI PADOVA	ITALY
UNIVERSITAET FUER BODENKULTUR WIEN	AUSTRIA
ALTERRA B.V.	NETHERLANDS
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	FRANCE
ABERYSTWYTH UNIVERSITY	UNITED KINGDOM
ALMA MATER STUDIORUM-UNIVERSITA DI BOLOGNA	ITALY
TECHNISCHE UNIVERSITAET MUENCHEN	GERMANY

Record Control Number: 90980
Update Date: 2009-06-12 15:55:08.0

[Go back](#) -

CORDIS RTD-PROJECTS /  European Communities.

[Top](#) | [Sitemap](#) | [A-Z Index](#) | [Glossary](#) | [FAQ](#) | [Help Desk](#) | 

CORDIS is managed by the [Publications Office](#)