

PARTNERS



UK

University of Leeds (UNIVLEEDS)
Centre for Ecology and Hydrology (CEH)
Cambridge Econometrics Limited (CE)



Germany

Helmholtz Centre for Environmental
Research - UFZ (UFZ)
Institut für Weltwirtschaft (IfW)
Technische Universität Dresden (TUD)
Mundialis GmbH & Co.KG (MUND)



Czech Republic

Univerzita Palackého v Olomouci (UPOL)



Spain

Centro de Investigación Ecológica y
Aplicaciones Forestales (CREAF)
Departament d'Agricultura, Ramaderia,
Pesca i Alimentació (DARP)



Belgium

The Rural Investment Support for Europe
Foundation (RISE)



Serbia

Research and Development Institute for
Information Technologies in Biosystems
(BIOS)



Bulgaria

Pensoft Publishers (PENSOFT)



BESTMAP

BEHAVIOURAL, ECOLOGICAL & SOCIO-ECONOMIC
TOOLS FOR MODELLING AGRICULTURAL POLICY

KEYWORDS 🔑

Behavioural change theory, Ecosystem services,
Agricultural economics, Rural policy impact
assessment, Agent-based modelling, Biophysical
modelling, Farming Systems Archetypes

CONSORTIUM 👤

13 partners from 7 European countries

DURATION 📅

September 2019 – August 2023

PROJECT COORDINATOR 🧑

Prof. Guy Ziv

School of Geography, University of Leeds
G.Ziv@leeds.ac.uk, +44 113 343 7994

CONTACT ✉

Jodi Gunning

BESTMAP Project Manager
School of Geography, University of Leeds
J.Gunning@leeds.ac.uk, +44 113 343 5959

WEBSITE 🌐

bestmap.eu

TWITTER 🐦

@Bestmap_EU

FACEBOOK 📘

@BestmapEU



This project has received funding from the European
Union's Horizon 2020 research and innovation
programme under grant agreement no. 817501



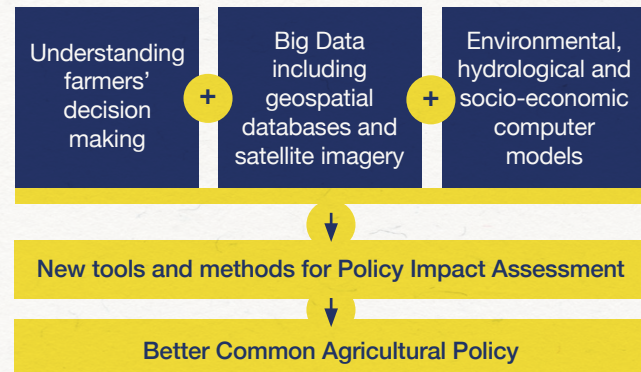
BESTMAP

BEHAVIOURAL, ECOLOGICAL AND SOCIO- ECONOMIC TOOLS FOR MODELLING AGRICULTURAL POLICY



BACKGROUND

The European Common Agricultural Policy (CAP) supports the livelihood of 11 million farmers while maintaining environmental standards and good agricultural practices over half of the European Union (EU) land. However, pressures including land-use intensification, abandonment and climate change remain a challenge to the current CAP and its implementation.



BESTMAP WILL

- Understand and model the ways farmers make decisions on land use
- Link land-use intensity to public goods and ecosystem services, including production of crops, regulation of water quality, mitigation of greenhouse gas emissions, and prevention of soil and biodiversity loss.
- Use computer models, survey data and satellite imagery to see how policies can make farming and the environment better.
- Produce a friendly online tool to compare policy scenarios for future Common Agricultural Policy reforms.
- Improve the effectiveness of future EU rural policies to better address farmers' needs, protect the environment and mitigate climate change.

CASE STUDIES



The project will:



demonstrate novel modelling framework in five case study areas across EU



develop protocols, guidelines and a roadmap to extend the new framework



upscale the concept to an EU-level analysis

