



Towards Sustainable Land Use Strategies in the Context of Climate Change and Biodiversity Challenges in Europe



Funded by the
European Union

Our Vision

Broadening our understanding of what drives and motivates land-use decisions, in order to gain a national, regional and pan-European vision supporting policy objectives such as climate change mitigation and adaptation and biodiversity conservation

Goal

Identify, develop, test and implement integrated tools to improve the understanding of the drivers behind land-use decisions as well as stakeholders' awareness and engagement regarding climate change and biodiversity challenges in Europe



Our Methodology

National-level analyses (e.g. harmonization of fragmented data) and land-use surveys, participatory approaches, complemented by 8 local case studies as demonstrators, as well as comprehensive capacity-building

Work Packages

- WP1** Project Coordination, Management, Administration
- WP2** Revealing agricultural land-use behaviour and its drivers in Europe
- WP3** The awareness behind land-use decisions related to climate change and biodiversity
- WP4** Mapping of future expected land use and land cover patterns consistent with long-term objectives
- WP5** Supporting climate change mitigation and adaptation efforts and bio-diversity policy design
- WP6** The Europe-LAND Toolbox: Exploring the dynamics of future land use
- WP7** Information, Communication, Upscaling and Capacity-Building

Expected Results

Europe-LAND is laying foundations for more informed and collaborative land-use decision-making across Europe.

By combining harmonised agricultural data, integrated modelling, stakeholder engagement, and accessible digital tools, the project equips researchers, planners, policymakers, and land users with the knowledge needed to address the interconnected challenges of climate change, biodiversity loss, and sustainable land management.

The harmonised IACS database and the Europe-LAND Toolbox create a lasting foundation for evidence-based land-use governance. By improving access to high-quality data and translating scientific research into practical decision-support tools, Europe-LAND enables stakeholders to develop more resilient, informed, and sustainable land-use strategies across Europe.

Beyond its technical innovations, the project's lasting impact lies in its collaborative approach. Through close cooperation with regional stakeholders, the IACS Community of Practice, and partnerships with other European initiatives, Europe-LAND is fostering a growing network dedicated to knowledge exchange and the co-creation of solutions that extends well beyond the project itself – one that supports transparent, data-driven, and participatory land-use decisions for a more climate-resilient and biodiversity-friendly Europe.

Case Studies

Central/Western Europe

LTSER Eisenwurzen, Austria

Biosphere Reserve of Castro Verde, Portugal

UNESCO-Biosphere Reserve Schorfheide-Chorin, Germany

Northern/Eastern Europe

Braila Islands, Romania

LTSER Trnava, Slovakia

West Estonian Archipelago Biosphere Reserve, Estonia

Białowieża Forest, Poland

Biosphere reserve of the Krkonoše Mts. National Park, Czech Republic

Project Partners

- HAW Hamburg, GER
- University of Thessaloniki, GRE
- University Bologna, ITA
- Leibniz Institute of Agricultural Development, GER
- Academia Romana, ROU
- Bialystok University of Technology, POL
- University of Latvia, LVA
- Slovak University of Agriculture in Nitra, SVK
- University of Natural Resources & Life Science Vienna, AUT
- Charles University, CZE
- Estonian University of Life Sciences, EST
- University of Copenhagen, DNK
- University of Coimbra, PRT



**Join our
Community
of Practice**

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