



MAINSTREAM BIO

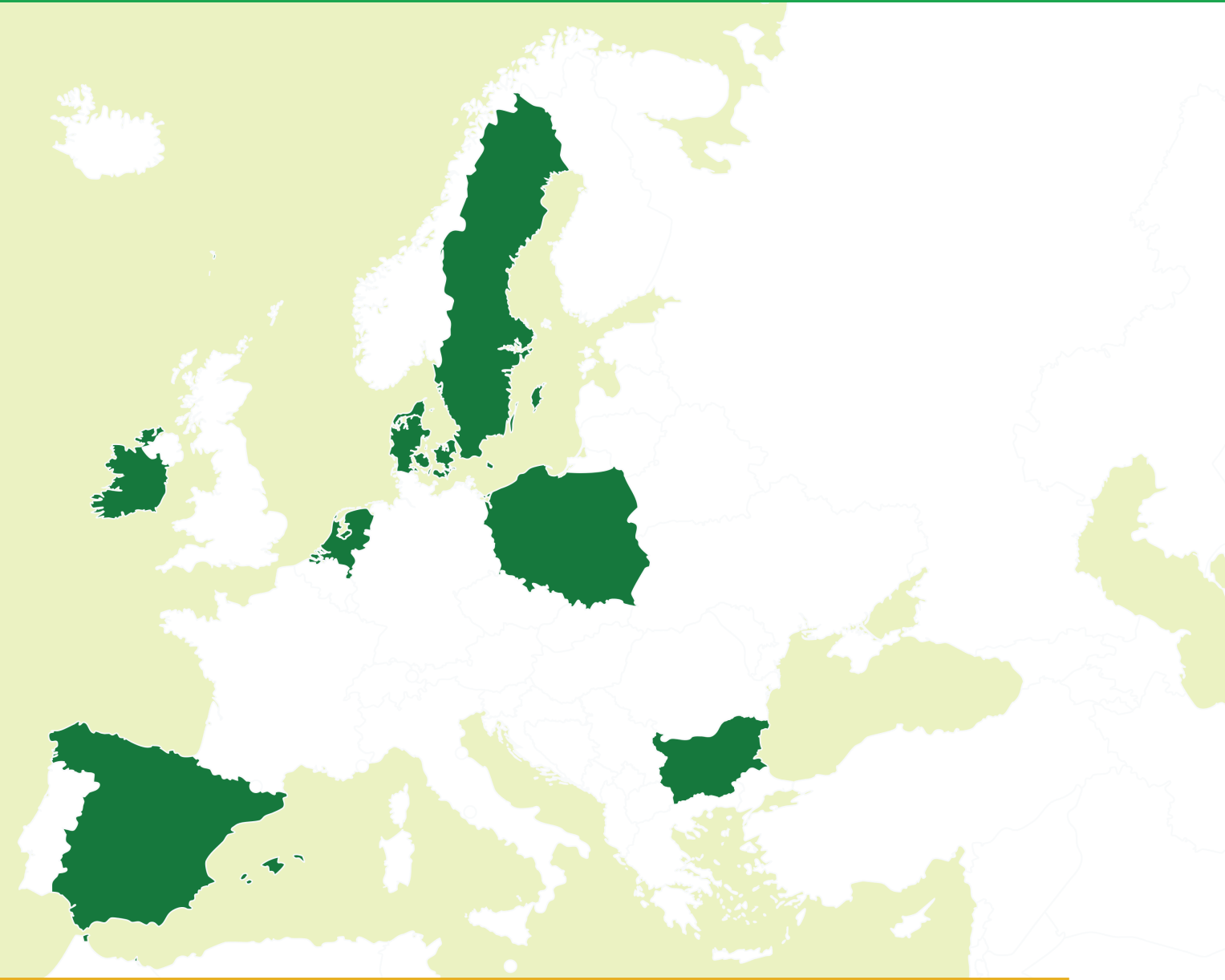
MAINSTREAMING SMALL-SCALE BIO-BASED SOLUTIONS ACROSS RURAL EUROPE

MainstreamBIO aims to accelerate the deployment of small-scale bio-based solutions across rural Europe by providing free tailored innovation support services and digital tools

Study regions distributed within seven countries: Spain (Navarre, Aragon and Catalonia), Bulgaria (South Central), Poland (Lubelskie), the Netherlands (Friesland and Flevoland), Ireland (Southern Ireland), Denmark (Zealand, Mid Jutland and Northern Jutland), and Sweden (Norrland and Upper Norrland).

→ **300 stakeholders** consulted via surveys and **35 bioeconomy experts** interviewed to characterise the bioeconomy in said regions.

→ **56 events organized across Europe** to identify regional bioeconomy characteristics, propose and scale-up regional solutions, raise awareness and facilitate networking between regional stakeholders.



innovarum

Innovarum is an **expert consultancy in bioeconomy innovation** that promotes business development in Europe. It coordinates the project's actions in the Spanish study region.

INNOVATION SUPPORT SERVICES

Technical Services

- ✓ Project design and development advice
- ✓ Nutrient management and fertilization
- ✓ Techno-economic analysis
- ✓ Scale-up advisory
- ✓ Technology scouting

Business Services

- ✓ Policy review
- ✓ Matchmaking
- ✓ Market analysis
- ✓ Business mentoring
- ✓ Guidance in accessing funding
- ✓ Business model design and optimization



57 innovation support services provided to 45 cases

→ 36 in 2024
→ 21 in 2025

EXAMPLES OF CASES SUPPORTED

Ex. 1: Waterworks and sewerage company interested in sewage sludge management for agriculture (Lubelskie).

Service: Nutrient management and fertilization.
Outcome: Increased knowledge and capacity to prepare a fertilization plan following legal standards.



Ex. 2: Bio-based materials company interested in vineyard pruning residues for foam production (Norrland).

Service: Techno-economic analysis.
Outcome: Quantified economic potential to strengthen the business case and future plans of the company.



Ex. 3: Olive tree cooperative interested in valorizing residual olive pits after oil production (Aragón).

Service: Market analysis.
Outcome: Diversified income from the sale of clean olive pits for use in biomass boilers.



MAINSTREAMBIO TOOLKIT

The project has developed a digital tool with 8 functionalities to help you start or optimise your rural bioeconomy business.



➤ **BioForum** to be used as an open environment for exchanging good practices, nurturing novel ideas and solutions and making connections.

➤ **Other MainstreamBIO resources** such as the bioeconomy profiles of seven rural EU regions, including their needs, barriers, practices, value chains, and key organizations.

➤ **Catalogue of small-scale bio-based solutions** to compare and identify opportunities for entrepreneurial initiatives.

➤ **Decision Support System** to match available biomass with technologies, business models and social innovations.

➤ **Collection of best practices for improved nutrient recycling** and organic matter recycling back to soils.

➤ **Tool Library** to have centralised access point to bioeconomy tools from other partners or projects.

➤ **Bioeconomy Repository** to compile available educational materials to raise awareness on bioeconomy.

➤ **Webinars** to unlock expertise through our webinar series for concise and impactful learning.

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