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6th Forest Innovation Workshop

BBioNets



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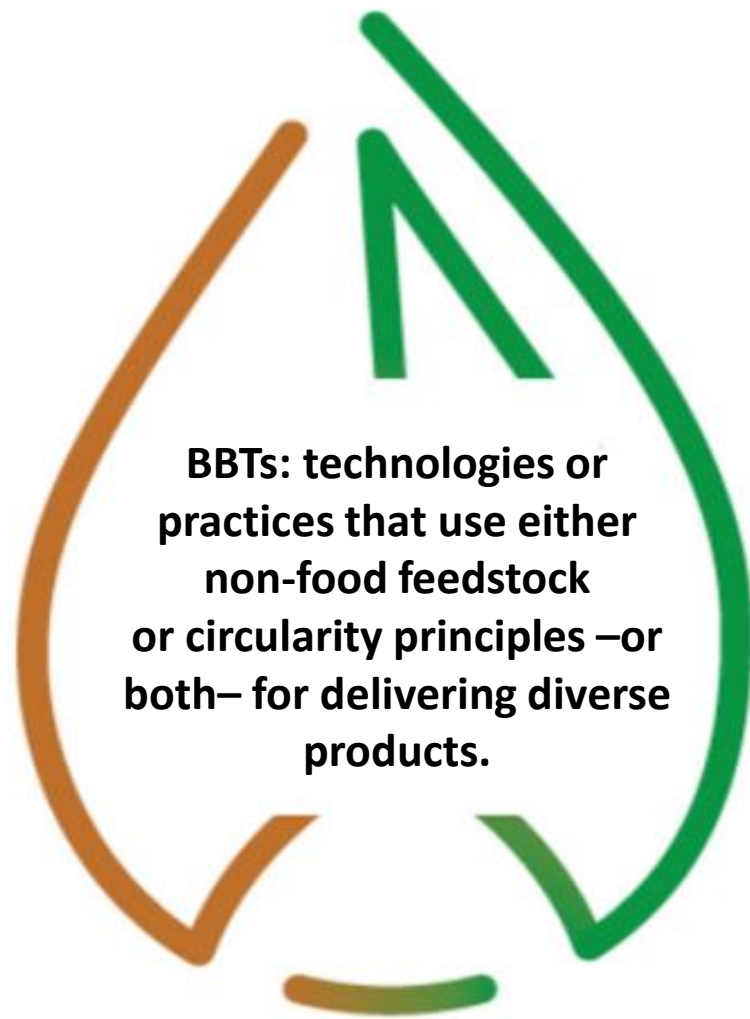
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Dates: 11-12 February 2025 | Location: Representation of the Free State of Bavaria to the European Union, Rue Wiertz 77, 1000 Brussels



<http://www.forestinnovation.eu/>

BBioNets aims to stimulate the economic growth of agriculture and **forestry** through the **valorisation of BIOMASSES**.



BBioNets will constitute a **thematic network** that will rely on, promote, and further advance the work carried out by **EIP-AGRI Operational Groups (OGs)** with respect to management and/or processing of agricultural and forest biomass with **Bio-Based Technologies (BBTs)**.

<https://doi.org/10.1016/j.rser.2020.110213>

Objectives



1. Set up regional Forest and Agriculture Networks (FANs)



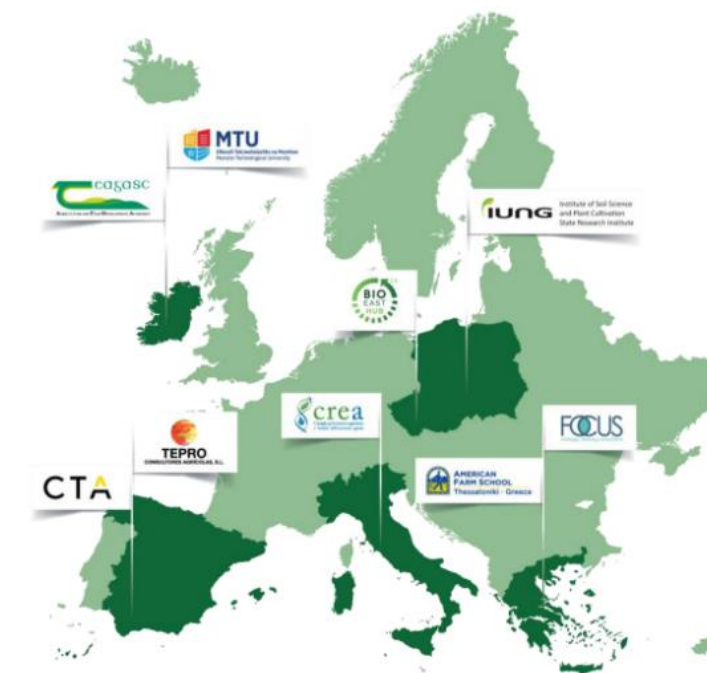
2. Match BBTs to regional dynamics and potential



3. Raise awareness and increase capacity of AKIS actors



4. Secure long-term sustainability of project outcomes



Main results 1/2

6 FANs Ireland, Italy, Spain, Czech Republic, Poland and Greece

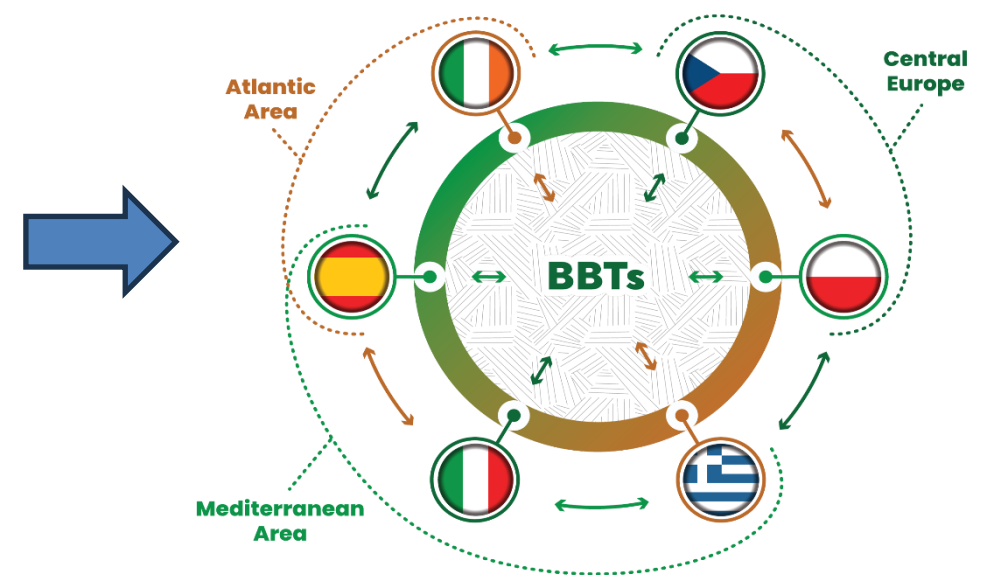
- **70** organizations involved and growing...
- **50%** of organizations involved are **primary producers** and their **advisors**.
- **12 OGs** involved for identifying and validating regional needs and BBTs.

Cross-fertilisation: interconnection of FANs and OGs

BBioNets Forest & Agriculture Networks (FANs)



BBioNets European Transnational Regions (ETRs)



Main results 2/2

1 online knowledge Platform

Inventory: 115 Bio-based technologies (BBTs) from **113 OGs**

(to be implementing during the project)

6 regional dynamics studies analyze regional maturity to implement BBTs

1 BBTs assessment tool for cost-effectiveness analysis of BBTs

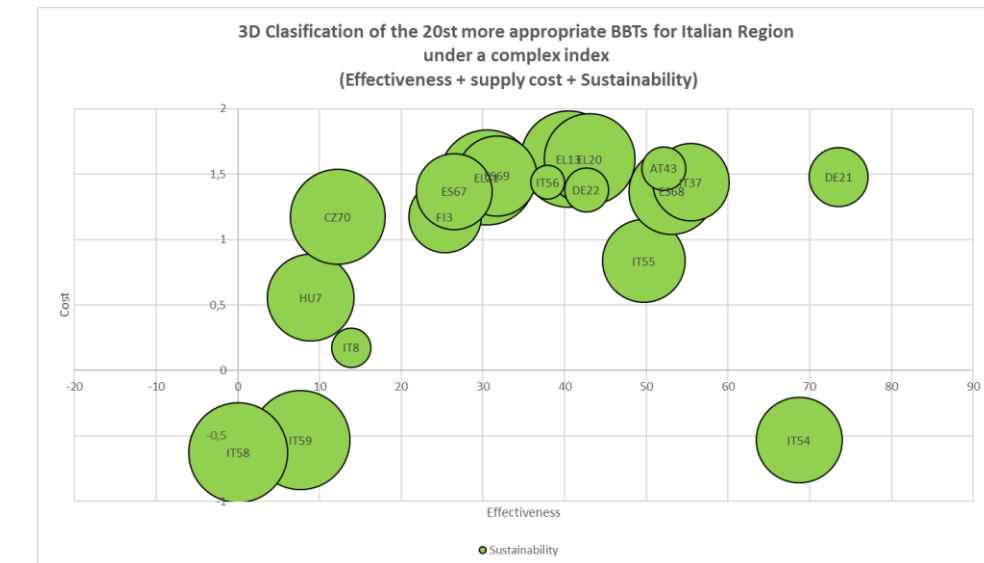


Next steps

6 Region-specific scenarios with most suitable BBTs per region

6 Road maps to implement BBTs by farmers and foresters

Knowledge transfer: Educational and training material to promote the faster and wider co-creation and transposition of innovative solutions into practice



Topic C – Valorizing non-wood forest products for healthy consumption patterns

	PROBEST ITALY	RES4CARBON ITALY	EPI Supra 3 POLAND	Peatfree POLAND	WoodResidueLV LATVIA
FEED-STOCK	Ashes	Ashes	Japanese scleractinian (Lentinula edodes) and coneflower (Hericium erinaceus) medicinal mushrooms.	Dried waste from mushroom production	Felling residues (needles, bark, leaves, etc.)
BBT	Use of ashes as a by-product and as a component of fertilisers	Mixing of virgin wood chip underscreen, post-gasification biochar of woody biomass and post-combustion ash of woody biomass	A technology for year-round cultivation of the above-mentioned species using hemp straw as a substrate, as well as a technology for dual extraction of medicinal mushrooms,	Technology developed for the production of bed and balcony plants with the use of a mushroom biostimulant (stems and non-normative fruiting bodies)	Innovative technological solutions to develop (a) house insulation materials, (b) granulated heating materials, (c) extraction methods of raw materials for food additives and (d) soil improvement products
OUTPUT	Agronomic Inputs as a component of fertilisers	Soil improver (CEBIOCARB)	Medicinal mushroom extracts	An additive for plant production technology in the soil-free cultivation.	Chemicals and fertilizer

Thank you

Stay tuned with BBioNets



Title	Creation and promotion of Forest and Agriculture Networks to boost Bio-Based Technologies adoption and Value Chain development (GA No 101133904)
Duration	36 months (1/11/2023 – 31/10/2026)
Project type	Coordination and Support Action
Programme	Horizon Europe – Cluster 6
Funding	€1,998,636
Coordinator	Munster Technological University -
Partners	9 entities from 6 EU countries (Ireland, Spain, Greece, Italy, Poland, Czech Republic)