



BioINSouth

Supporting regional environmental sustainability assessment for the BIO-based sectors to improve INnovation, INdustries and INclusivity in SOUTH Europe



We are pleased to inaugurate the BioINSouth newsletter, which will provide our readers an opportunity to dive into the pillars of our project, our philosophy for the development of the Mediterranean region through sustainability, and our contribution to boosting regional circular bioeconomy.

Thank you for reading and stay tuned for more updates!



Cyprus

Czech Republic

France

Greece

Portugal

Italy

Slovenia

Spain

Turkey

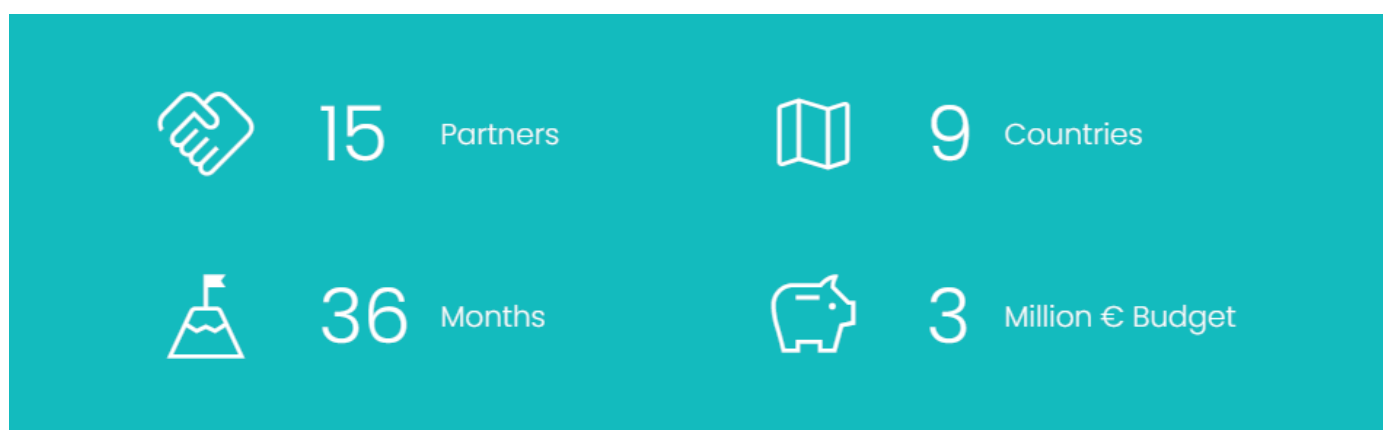
In Europe, the bioeconomy sector employs almost 9% of the labour force and contributes to around 4.7% of the GDP (EU-27). ¹ There are currently over 2,300 bio-based plants and biorefineries in Europe, that generate a turnover of €600 billion. ² It is estimated that approximately 2.5 million new green jobs including bioeconomy-related will be created by 2035 ³.

Bioeconomy and bioresources have an untapped potential for regional development, while activities in the bioeconomy sectors rely on healthy ecosystems to ensure primary production of biomass. Nevertheless, there is no such thing as “innocence” when talking about industrial activities, thus it is necessary to monitor, evaluate and forecast environmental impacts associated with the expansion of bioeconomy sectors and the use of bio-based commodities in order to minimise and manage negative impacts on natural capital, and ensure that the bioeconomy operates within safe ecological limits.

BioINSouth project aims to support decision-makers in incorporating ecological considerations into regional bioeconomy strategies and roadmaps, focusing on circular bio-based activities. The project will develop guidelines and digital tools to assess environmental impacts in various bio-based systems, enhancing regional competitiveness and innovation capacity, and contributing to the EU’s fair and green transition.

The project is co-funded by the European Union and supported by the Circular Bio-based Europe Joint Undertaking and its members.

- **Call Identifier: HORIZON-JU-CBE-2023**
- **Type of project: Coordination and Support Action**
- **Project focus: Market, policies & awareness**
- **Grant Agreement No. 101156363**
- **Starting Date: 1 June 2024**



• ¹ Ronzon, Tévécia, et al. "Developments of economic growth and employment in bioeconomy sectors across the EU." Sustainability 12.11 (2020): 4507.
• ² Interactive map https://datam.jrc.ec.europa.eu/datam/mashup/BIOBASED_INDUSTRY/index.html
• ³ <https://www.cedefop.europa.eu/en/news/green-transition-creates-more-jobs-it-destroys>

The project goals

BioINSouth will apply a multi-actor approach to provide regional solutions that can be replicated throughout Europe, for meaningfully incorporating environmental and socioeconomic aspects in bio-based industrial systems.

BioINSouth will build up its methodology in eight European regions (Campania – Italy, Peloponnese – Greece, Andalusia and Asturias – Spain, Centro Region – Portugal, Nouvelle-Aquitaine – France, Slovenia and, Cyprus) by establishing an equal number of use cases for demonstrating the replicability and efficiency of the regional multi-actor approach, for the creation of equal Bioeconomy HUBs.

Specifically, BioINSouth will:

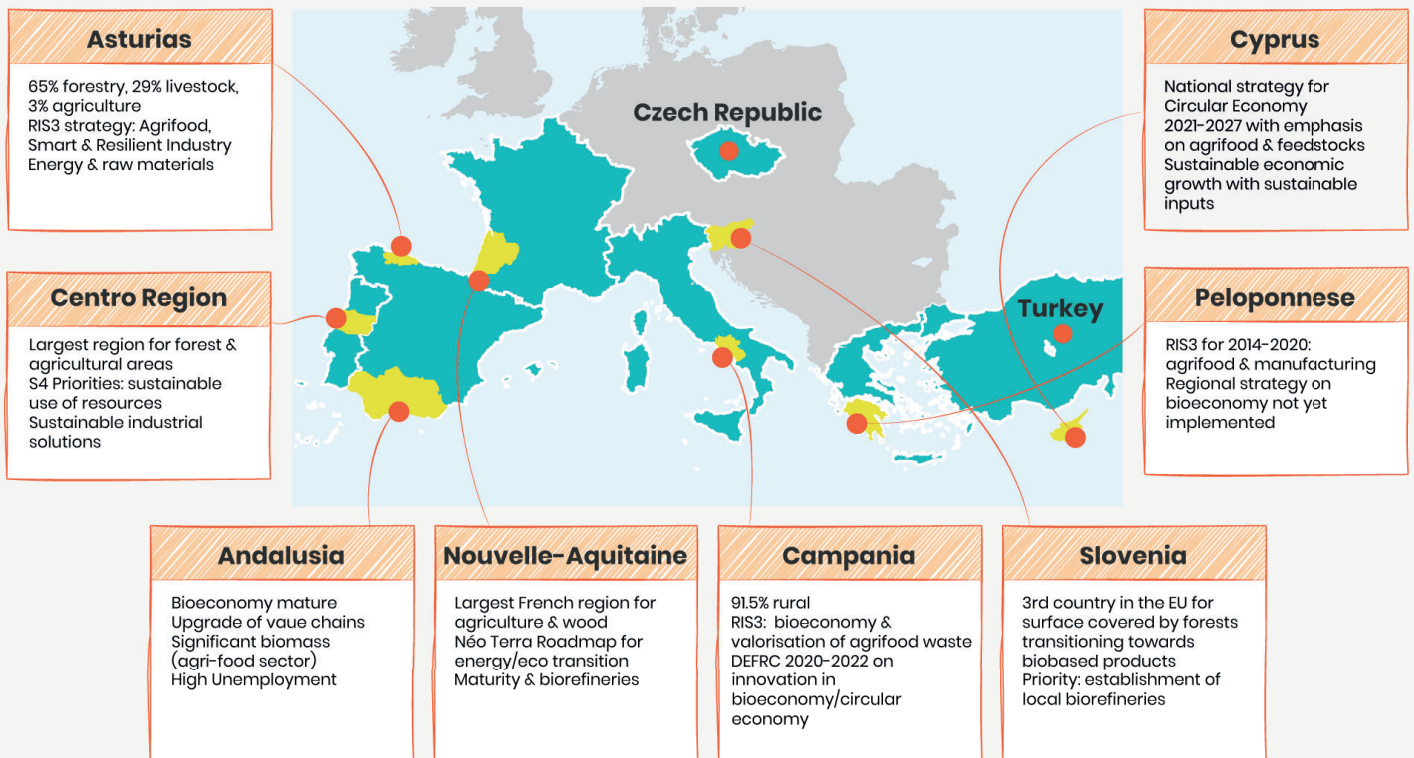
- Set up the Multi-Actor Regional Groups (MARGs) by involving at least eight stakeholders of the Quadruple Helix, per region
- Establish the BioINSouth HUBs in each of the eight regions by providing guidelines for the action plan and mobilisation of the HUBs
- Develop new, or improve existing methodologies and digital tools for the assessment of environmental impacts and circularity of bio-based systems, concerning market growth, biomass, and food security, land use and ecosystem integrity
- Construct and demonstrate in HUB level, an integrated toolkit to include digital tools, methodologies and guidelines to support decision – makers to incorporate ecological considerations in bioeconomy value chains
- Design an effective regional monitoring system applicable to various bioeconomy sectors in the context of Southern Europe, to ensure a wider geographical impact of project results
- Co-develop policy recommendations for sustainability and circularity in industrial bio-based systems
- Ensure wide visibility and replication of the BioINSouth experience and results

The project impact

Better deployment of circular bio-based solutions in regions, especially in those with untapped potential for the bioeconomy development, through a better understanding of sustainability challenges and opportunities.

Improved efficiency of local resources and lower environmental impact of circular bio-based industrial activities, aligning with the EU Biodiversity Strategy, which aims to protect 30% of land and sea areas by 2030.

Enhanced biodiversity through the deployment of bio-based solutions, helping to reach a 3% increase in the total green area of industrial environments.



Our progress

BioINSouth was launched in June 2024, with all partners meeting in person in the Kick-off meeting in Naples. In the first six months of the project, a strong collaborative environment among the partners was achieved, with monthly consortium meetings and workgroups dedicated to the progress of the Work Packages. Significant effort was placed in the establishment of the MARGs in each use case region, that form the core of the project. EU and regional-level stakeholder mapping resulted in the analysis of more than 10.000 bioeconomy relevant projects, and associated stakeholders, filtered according to country and region.

These preparatory actions, will assist the MARGs and the partners to engage with bioeconomy players in the forthcoming phases of BioINSouth.



Overview of Value Chain for Dissemination and Exploitation

In the initial months of the BioINSouth project, dissemination and communication efforts have included launching the website, issuing press releases, establishing Social Media channels, creating promotional materials, and sharing news and publications.

BioINSouth forthcoming events



Save the date for the 1st BioINSouth Forum in Catania!

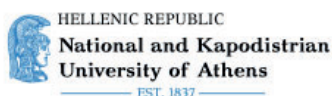
We are excited to announce the inaugural BioINSouth Forum, taking place on 5 - 6 June 2025 at the prestigious Aula Magna, University of Catania, located at Piazza dell'Università.

This exciting event will bring together leading experts, researchers, and stakeholders in the field of bioeconomy from across the southern regions. Attendees will have the opportunity to engage in insightful discussions, attend innovative presentations, and network with peers who are passionate about advancing the frontiers of regional bioeconomy value chains. Stay tuned for more info to come!

BioINSouth needs your contribution!

We are excited to invite stakeholders from Andalusia (Spain), Asturias (Spain), Peloponnese (Greece), Nouvelle-Aquitaine (France), Campania (Italy), Centro (Portugal), and the countries of Slovenia and Cyprus to participate in our online survey focused on the bioeconomy landscape in these regions. The stakeholders' insights and experiences are crucial for shaping the future of the bioeconomy in Southern Europe. The survey will help us understand the current state and potential growth areas, ensuring that our initiatives align with regional needs.

Partners



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[BioINSouth.eu](https://www.bioinsouth.eu)

[in #BioINSouth](https://www.linkedin.com/company/bioinsouth)

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