

BIO2REG

Fact & Figures

Enabling transition towards circular and systemic BIOeconomy model regions by a REGions-to-REGions approach

URL: bio2reg.eu

Duration: 01 January 2024 – 31 December 2026

Enabling regions to transition towards bioeconomy

BIO2REG is a European project that aims to enable the systemic transition of greenhouse gas-intensive regions through concrete and actionable measures to become bioeconomy model regions.

Driven by a shift towards sustainable development, regions with carbon-intensive economies, such as coal mining, intensive agriculture, forestry, and fisheries and peat production, are undergoing significant structural change. The negative outcomes can be dire: for instance economic disruption, unemployment, social strain, and regional inequality. The bioeconomy, which utilises renewable biological resources and technologies for food, materials or energy production, can play a crucial role in shaping structural change. It has the potential to create new value networks, thereby promoting knowledge-based growth and jobs, ecosystem revitalisation and resilience, resource efficiency and circularity, and innovation, while taking into account the context-specific economic, social and environmental conditions of a region. Regional stakeholders seeking to unlock this transition potential of the bioeconomy, however, often lack the necessary actionable know-how, framework and financial support.

BIO2REG seeks to equip regional stakeholders with an array of practical knowledge and tools to design and implement a region-specific transition.

These tools include:

- a multi-criteria assessment framework and guides for a self-assessment of bioeconomy model region potential,
- a network of regions that promotes direct stakeholder interaction and mutual learning, and
- an interregional exchange programme that will foster partnerships, showcase experiences and build capacities through mentoring and training services.

Central to the project is its regions-to-regions approach, fostering the exchange of knowledge, best practices, and challenges among various regional stakeholders involved in the transition process. The project's unique model region framework places regions and their specificities at the centre of the transformation.



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Its systemic approach draws on technological and societal innovations, establishes connections across sectors and contributes to sustainable development in economic, ecological, and social aspects.

Benefits for regions:

- BIO2REG provides transferable knowledge on how regions can be transformed into circular bioeconomy regions through interregional coordination.
- BIO2REG recognises the specific regional interplay of stakeholders, economic structure, biomass availability, education and qualification structure, civil society, regulatory frameworks and innovation ecosystem.
- BIO2REG will contribute to overcome divergences in regional development.

BIO2REG is coordinated by [BioökonomieREVIER](#) at Forschungszentrum Jülich, IBG-2 Plant Sciences. The BIO2REG consortium consists of **9 partners** from **8 European countries**:







 	<p>Project coordination: IBG-2 Institute of Plant Sciences, Forschungszentrum Jülich, Germany</p> <p>Expertise: Regionalisation of bioeconomy, plant production systems, alternative biomass, systemic approach in shaping a bioeconomy model region</p> <p>Contact coordination team: Denise Gider, d.gider@fz-juelich.de</p>
	<p>Senior Europa (Kveloce), Spain</p> <p>Expertise: Social sciences and societal transformation, stakeholder engagement and impact assessment</p>
 	<p>Panteion University Athens, University Research Institute of Urban Environment & Human Resources, Greece</p> <p>Expertise: Spatial and urban economics, regional development and special analysis to assess bioeconomy potential</p>



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	<p>Biobased Industries Consortium, Belgium</p> <p>Expertise: Bio-based industrial value creation from primary production to market, financing and investing</p>
	<p>RISE Research Institutes of Sweden, Sweden</p> <p>Expertise: Technology development, bioeconomy test beds and industry transformation</p>
	<p>Matis, Iceland</p> <p>Expertise: Food science and biotechnology, food processing and fisheries</p>
	<p>BIOEAST HUB CR, Czech Republic</p> <p>Expertise: Working body of the BIOEAST initiative, focus on bioeconomy education, commercialisation of science and legal, social aspects of bioeconomy</p>
	<p>Homo Silvestris Europae, France</p> <p>Expertise: Wood-based value chains, circular bioeconomy and forest-based bioeconomy regions</p>