

# BEAMING

Bioeconomy uses renewable biological resources to provide various goods and services, to increase sustainability, and to reduce reliance on non-renewable resources. The bioeconomic sector must carry out specific structural changes and enhance cross-border cooperation to reach its full potential. This is where BEAMING (Bioeconomy Excellence Alliance for Stimulating Innovative and Inclusive Green Transition) comes to aid as a four-year Horizon Europe project financed by the European Commission with €3.9 million spread to the 17 partners of the consortium.

The activities are being implemented through the 4 main pillars of intervention: Bioeconomy Research, Open Science, Knowledge Valorization, and Inclusive Innovation Culture. The consortium uses the European Commission's Bioeconomy Strategy and European Research Area (ERA) strategy as frameworks for boosting innovation and improving effective technology and knowledge exchange in the field of bioeconomy together with expanding collaboration among European higher education institutions and enhancing their visibility, global competitiveness, and innovation capacity. Special attention is given to the Widening countries and efforts to improve the skills and capacities of early-career researchers, foster institutional reforms, strengthen the valorization of research results, promote multidisciplinary collaboration, and encourage an inclusive institutional culture.



BEAMING embraces the Quadruple Helix approach which encourages collaborative efforts between higher education institutions, industry, government, and civil society in order to enhance innovation capacity and the practical application of research results by developing local and regional action plans and tools aligned with the ERA Policy Agenda.

The Institute for Development and Innovation has various roles within the project of which the following two are the most significant.

The first is related to the assessment of institutional Open Science policies and practices in the EU and widening countries, which will include the 12 higher education institutions and research institutes. A gap analysis will be conducted taking into account the 8 pillars of open science. This will result in the creation of roadmaps for a successful implementation of recommendations which will be summarized in the BEAMING Open Science Case Study Book.

The second important role is aligning the project's results with ERA priorities (European research area) and organizing various events and workshops on this topic. IRI is tasked with synthesizing these results into a widely adoptable BEAMING Research Excellence Toolbox, designed to increase the project's long-term social impact and ensure its sustainability.



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