

BEAMING, THE BIOECONOMY ALLIANCE FOR STIMULATING INNOVATIVE AND INCLUSIVE GREEN TRANSITION

- **The European project seeks to boost innovation and knowledge sharing in the field of bioeconomy through collaboration among European higher education institutions**
- **BEAMING has received €3.9 million in funding from the European Union's Horizon Europe Research and Innovation programme**

Budapest, (Hungary) January 18, 2024 – The Bioeconomy Excellence Alliance for Stimulating Innovative and Inclusive Green Transition (BEAMING) is an innovative project dedicated to advancing excellence and promoting innovation within the field of bioeconomy. The initiative seeks to address the need to enhance the competitiveness and visibility of Higher Education Institutions (HEIs) in Europe, with a particular focus on Widening countries in Eastern European EU Member States, and the Western Balkans.

To this end, the BEAMING project will bring together HEIs from diverse regions, promoting the transfer of knowledge and technology, and fostering a culture of collaboration by focusing on various key objectives: strengthening the skills and capacities of early-career researchers in bioeconomy research, fostering institutional reform, promoting cross-disciplinary collaboration, enhancing technology transfer, and encouraging an inclusive institutional culture.

The initiative will follow a methodology based on the Quadruple Helix innovation ecosystem approach, which involves collaboration between

HEIs, industry, government, and civil society. This approach will enhance the capacity for innovation and the practical application of research results, as well as engage the general public in processes facilitating changes in consumer behaviour and environmental awareness.

In conclusion, BEAMING is committed to fostering cross-border collaboration in the bioeconomy sector, with a focus on raising excellence and innovation. By bringing together higher education institutions, promoting an inclusive culture, and enhancing technology transfer, the project aims to strengthen the role of HEIs within their quadruple helix innovation system and facilitate institutional change. This collaboration is expected to improve the empowerment of HEIs to create a dynamic ecosystem that yields both regional and global benefits in the bioeconomy sector.

Current challenges in the bioeconomy

The bioeconomy is an economic system that utilizes renewable biological resources to produce a wide range of goods and services, aiming for sustainability and reduced reliance on non-renewables. However, in the present day, bioeconomy faces significant challenges. There is an urgent need to address sustainability issues, such as the depletion of resources, climate change and rising inequality. Moreover, the effective transfer of knowledge and technology among key stakeholders of higher education institutions, governments, civil society, and industry is essential to drive innovation and the practical application of advancements in bioeconomy. The sector requires structural and policy reforms that promote excellence and transdisciplinary collaboration. These challenges underscore the need to establish effective cross-border collaboration to address current issues in bioeconomy and harness its potential for sustainable development.

About BEAMING

Led by Budapest University of Technology and Economics, the BEAMING consortium consists of the Agricultural University of Plovdiv, the Agricultural University of Tirana, BIOEAST Hub CR, BOKU - University of Natural Resources and Life Sciences, CluBE - The Cluster of Bioeconomy and Environment of Western Macedonia, Educons University, Hungarian Innovation Agency, Fraunhofer Institute for System and Innovation Research, INCDSB - the National Institute of Research and Development for Biological Sciences, Ss. Cyril and Methodius University in Skopje, Sustainable Innovations Europe, the University of Banja Luka, the University of Novi Sad – Faculty of Agriculture, and the University of Osijek - Faculty of Food Technology, supported by the University of Pannonia as an associated partner.

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