

CO-CREATING A NATIONAL ROADMAP FOR CIRCULAR BIOECONOMY IN POLAND: A BOTTOM-UP, MULTI-ACTOR APPROACH



Jurga P., Jurga B., Kozyra J., Rozakis S., Woźniakowska M.
Institute of Soil Science and Plant Cultivation - State Research Institute, Poland

ABOUT THE PROJECT

CEE2ACT is a project implemented under the Horizon Europe programme, one of the projects aimed at supporting Central and Eastern European countries in developing proposals for national roadmaps in the field of the circular bioeconomy through knowledge transfer, international cooperation, and the development of innovative governance models.



Roadmap for Polish circular bioeconomy, 2026



WHY MENTION CEE2ACT?

CEE2ACT provided key financial and organisational support, creating a solid foundation for the development of the circular bioeconomy in Poland. It enabled knowledge exchange, mutual learning, and the co-creation of solutions at both national and international levels.

As a result of the project, the Polish Bioeconomy Hub was established in 2023. The Hub was founded as a multi-actor partnership between a scientific institution (IUNG), a company (EPRD), and a civil society organisation (PRO CIVIS), with strong engagement from public authorities at both central and regional levels, as well as society representatives. This reflects the 'quintuple helix' approach, integrating key actors of the bioeconomy ecosystem.

Its strength lies in the diversity and active involvement of its Partners. Each contributes value through projects, networks, expertise, creating a living, evolving environment for cooperation. A key priority is to further strengthen the role of the business sector as the main driving force of the circular bioeconomy. This is supported by research and innovation institutions, active societal engagement, and the role of public administration in removing systemic barriers.

The Polish Bioeconomy Hub functions as a living ecosystem - fostering collaboration, enabling innovation, and supporting the long-term development of the circular bioeconomy.

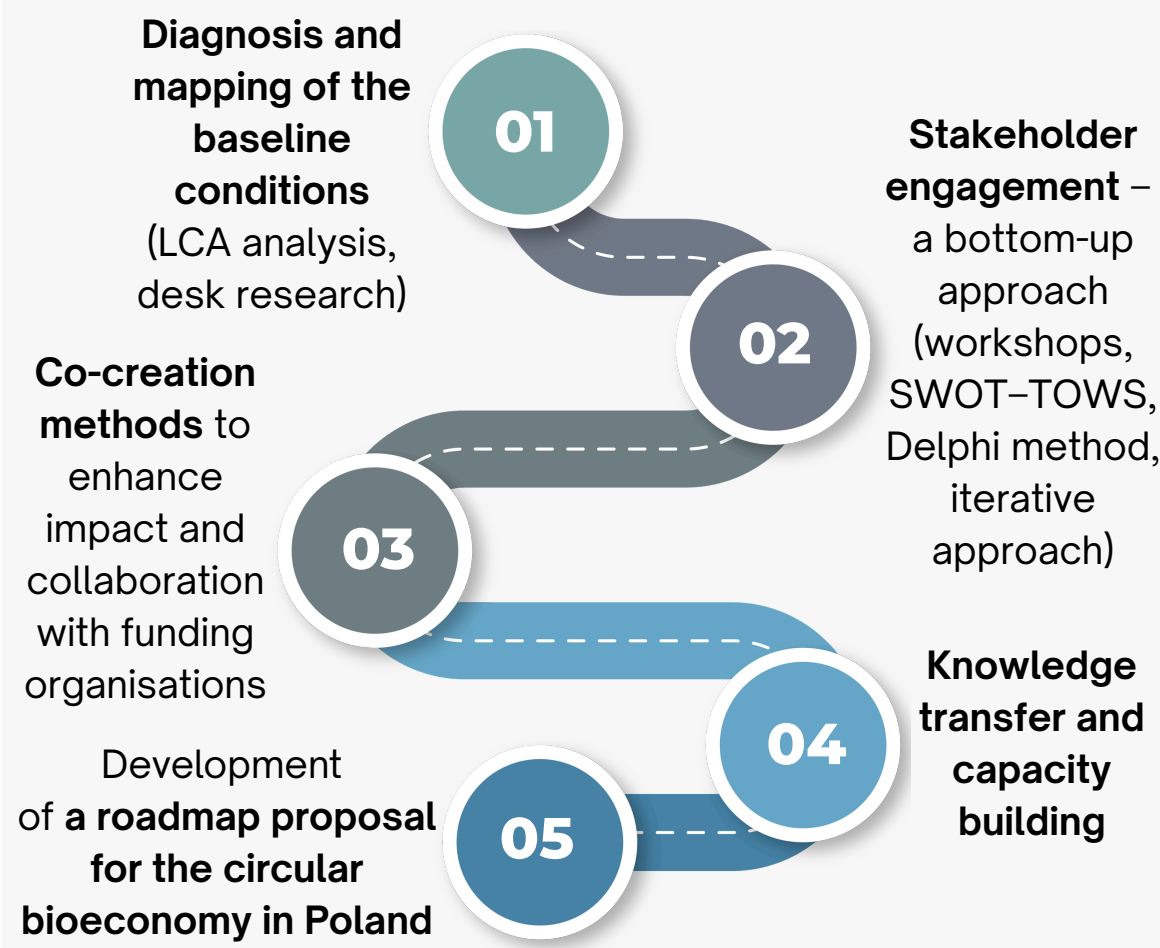
MAIN CONSIDERATIONS FOR EFFECTIVE ROADMAP IMPLEMENTATION

- ✓ stronger alignment across policies and governance structures,
- ✓ sustained stakeholder engagement and coordination,
- ✓ stable funding and better-tailored support instruments,
- ✓ improved monitoring, data availability, and impact tracking,
- ✓ more responsive regulatory frameworks.

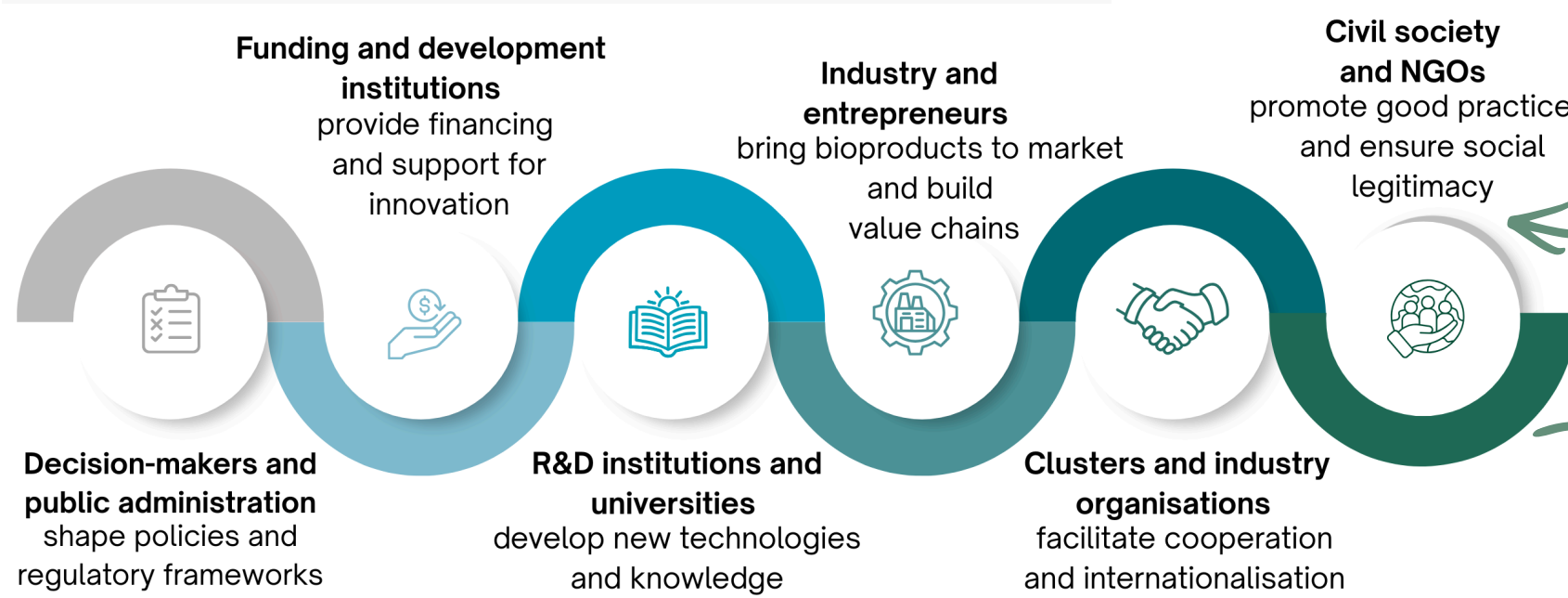
IMPLEMENTATION CHALLENGES AND RISKS

- ✓ strengthening the engagement of the private sector, esp. SMEs,
- ✓ translating strategies into scalable projects and real investments,
- ✓ maintaining long-term stakeholder commitment and momentum,
- ✓ supporting knowledge transfer and market uptake of bio-based solutions.

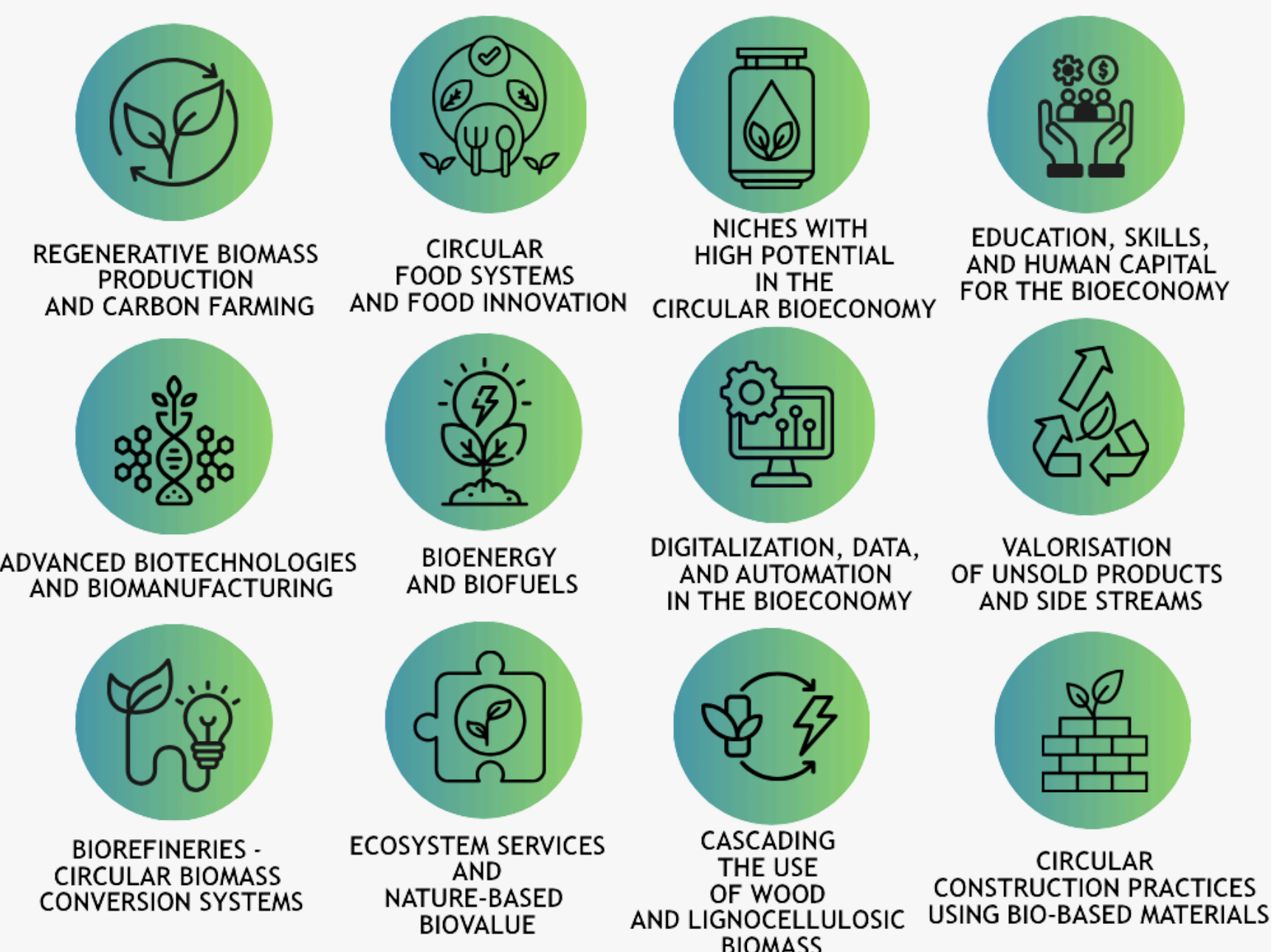
METHODOLOGY



The roadmap proposal was developed using a bottom-up approach, based on the active engagement of stakeholders in a co-creation process. As a result, it reflects cross-sectoral needs while also providing a foundation for further dialogue with decision-makers, including the Ministry of Agriculture and Rural Development, the Ministry of Development, the Ministry of Climate and Environment, and the Ministry of Science and Higher Education.

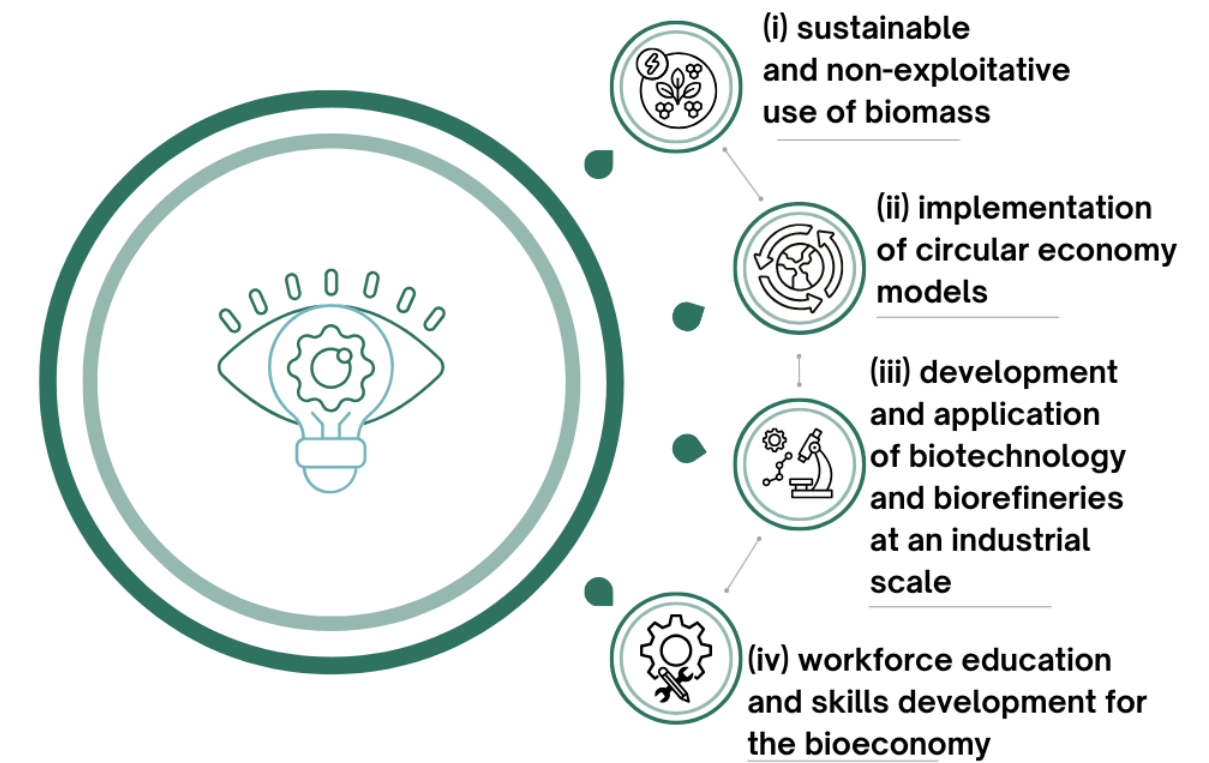


PRIORITY AREAS OF SUPPORT IN THE ROADMAP

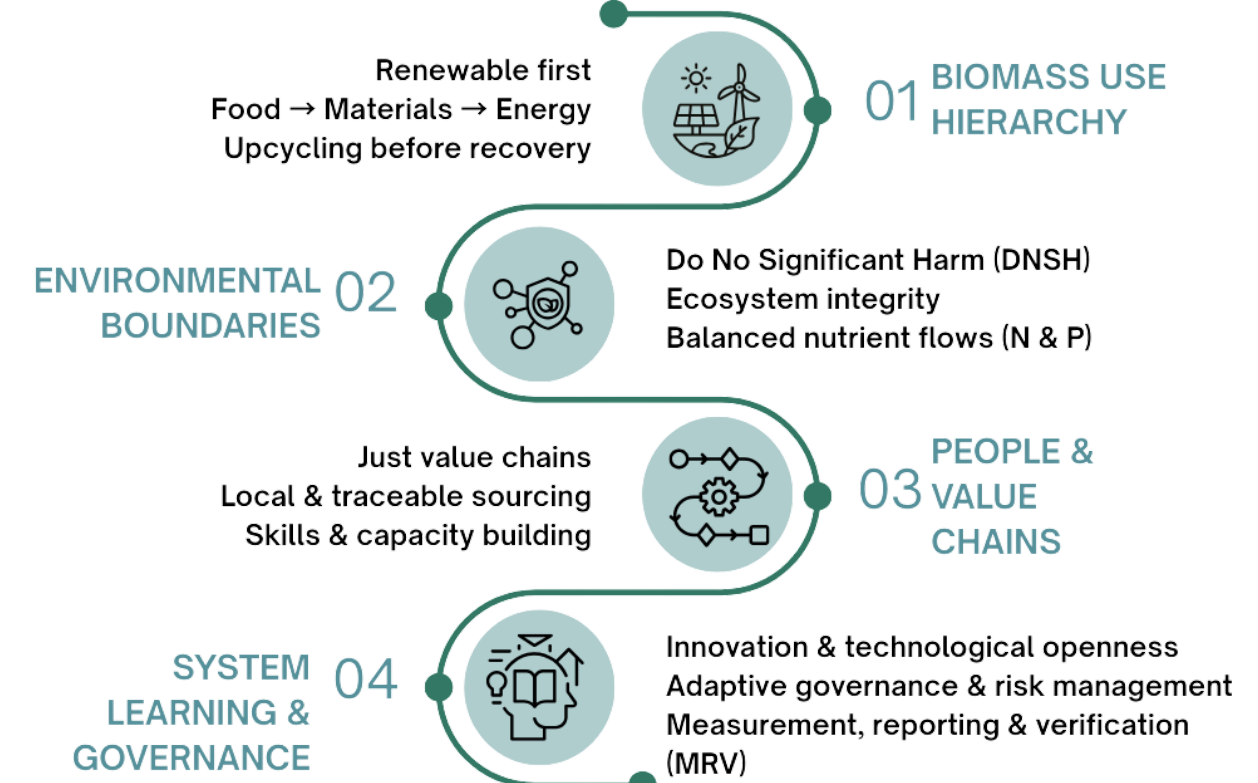


KEY ELEMENTS OF THE CIRCULAR BIOECONOMY ROADMAP

VISION FOR THE ROADMAP



PRIORITISATION OF ACTIONS



ROLES, RESPONSIBILITIES AND STAKEHOLDER ENGAGEMENT

EXAMPLES OF HUB ACTIVITIES



Inauguration meeting of the Polish Bioeconomy Hub, 2023



Co-creation workshops with Hub members on the roadmap for Polish bioeconomy, 2025



Conference on Bioeconomy 2030+ and presentation of the roadmap for Polish bioeconomy, 2026

WHAT'S NEXT IN 2026+?

Supporting the Hub's activities through ongoing projects (e.g. BIOEASTWIDE)

Strengthening cooperation across regions, Poland, BIOEAST, Europe, and globally

Working towards the development and adoption of strategic documents for Poland

Providing individual and systemic support for Hub members

Enhancing cross-sectoral integration (e.g. in commercialisation and implementation)

POLISH BIOECONOMY HUB MEMBERS (MOU SIGNATORIES) AND ACTIVE SUPPORTERS



IUNG
Contact person and Co-Coordinator of the Polish Bioeconomy Hub
Piotr Jurga, IUNG-PIB,
pjurga@iung.pulawy.pl

Experience the spirit of the Hub meetings and the energy that drives our collaboration