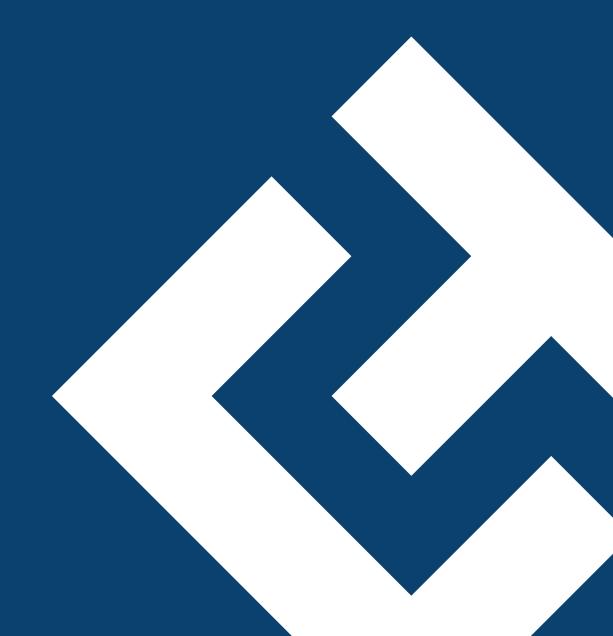


CIRCULAR BIO-BASED EUROPE JU (CBE JU)

Naďa Koníčková 22 November 2022



PARTNERSHIP





- 2 billion eur public-private initiative, 50% EC + 50 % BIC
- Build on the success of Bio-based industries JU





CBE JU OBJECTIVES

General objectives

1. Accelerate the innovation process and development of bio-based innovative solutions

2. Accelerate market deployment of the existing mature and innovative bio-based solutions

3. Ensure a high level of environmental performance of bio-based industrial systems.

Specific objectives

- 1.1. Increase the intensity of cross-disciplinary research and innovation activities to reap the benefits of the advancement in life sciences and in other scientific disciplines for the development and demonstration of sustainable bio-based solutions
- 1.2. Increase and integrate the research and innovation capacity of stakeholders across the Union to exploit the local bioeconomy potential including in regions with underdeveloped capacity
- 1.3. Increase the research and innovation capacity for addressing environmental challenges and development of more sustainable bio-based innovations by ensuring that sustainability issues and environmental performance are integrated throughout the whole innovation chain and in future innovative solutions
- 2.1. Reinforce the integration of bio-based research and innovation in the Union bio-based industry and increase the involvement of R&I actors including feedstock providers in the bio-based value chains
- 2.2. Reduce the risk for research and innovation investment in bio-based companies and projects
- 3.1. Ensure that circularity and environmental considerations, including contributions to climate neutrality and zero pollution objectives, are taken into account in the development and implementation of research and innovation bio- based projects and facilitate societal acceptance.

source: CBE JU



CBE JU STRATEGIC PRIORITIES - SRIA

Feedstock

Processing

Products

Strategic priority 1.1.1
Ensure the availability and quality of sustainable bio-based feedstock

Strategic priority 1.1.2

Develop innovative production systems in the bio-based industry

Strategic priority 1.1.3

Develop innovative bio-based products

Strategic priority 1.3.1
Protect and enhance biodiversity and ecosystem services in bio-based feedstock supply systems

Strategic priority 1.3.2 Improve environmental performances of bio-based processes

Strategic priority 2.1.1

Demonstrate the sustainable supply of bio-based feedstock

Strategic priority 2.1.2

Deploy innovative production technologies

Strategic priority 2.1.3
Scale-up production and market uptake of innovative bio-based products

source: CBE JU



CIRCULAR BIO-BASED EUROPE JU - GOALS

- Strategic participation and integration of feedstock producers and suppliers towards large-scale valorisation of sustainable biomass
- Unlock sustainable and circular bio-based feedstock for the industry
- Ensure environmental sustainability of feedstock
- Improve environ. sustainability of production processes and value chains
- Expand circularity in bio-based value chains
- Increase innovative bio-based outputs and products
- Improve the market uptake of bio-based products
- Attract investment on the bio-based sector
- Increase resilience and capacity in the bio-based sector
- Improve participation of regions and countries with high unexploited potential

https://www.cbe.europa.eu



Type of Instruments:

- Research and Innovation Actions (RIAs) establish new knowledge or explore the feasibility of a new or improved technology, product, process, service or solution. These may include basic and applied research, technology development and integration, testing, demonstration, and validation on a small-scale prototype, in a laboratory or simulated environment. (TRL 3,4,5)
- Innovation Actions (IAs) scale up activities from prototype to product validation and market replication.
 Flagships, an important and specific type of IAs, in particular deploy a first-of-its-kind innovation on the European market (TRL 6,7,8)
- Coordination and Support Actions (CSAs) structure stakeholder communities, support technological visions and outreach, as well as disseminate and exploit research results

Rules for participation:

- The Horizon Europe General rules apply to CBE JU with the exceptions introduced in the specific topic conditions of the Annual Workprogrammes
- Call 2022 closed, evaluation results will be available in February 2023
- Next call in 2023 information will be available at https://www.cbe.europa.eu/open-calls-proposals





NCPs CLUSTER 6

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