Circular Bio-based Europe Joint Undertaking

A competitive bioeconomy for a sustainable future

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Head of Programme

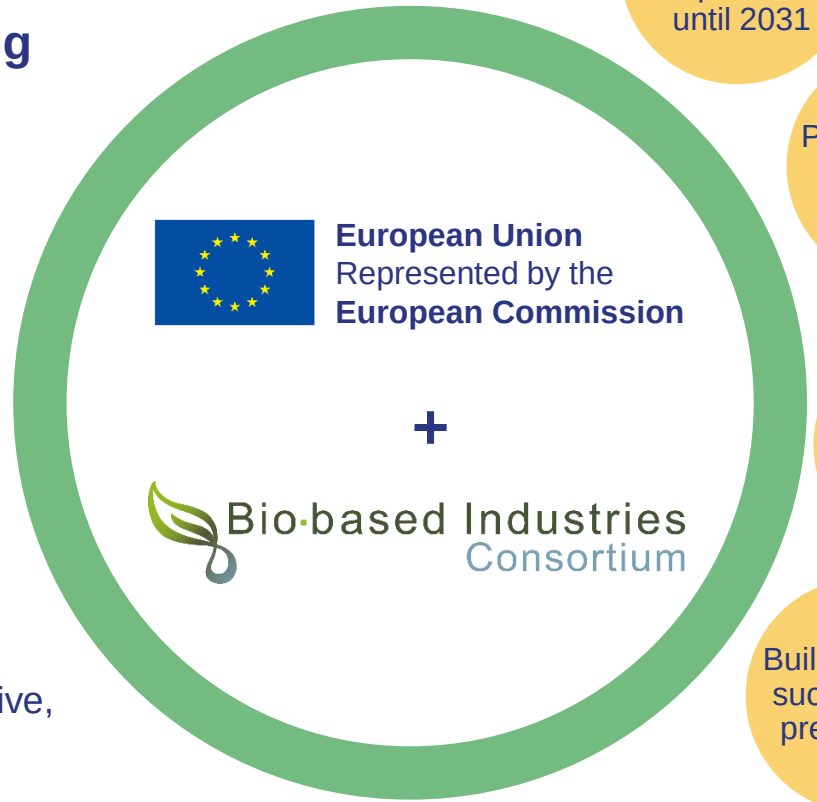
05/12/2023 - "Circular Bioeconomy as a Main Pillar of the Ecological Transition"

Bio-based Industries Consortium

Co-funded by the European Union

Circular Bio-based Europe Joint Undertaking

€2 billion public-private initiative



Launched in 2021, operates until 2031

Part of Horizon Europe programme

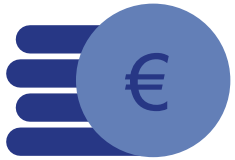
Contributing to the European Green Deal

Building on the success of its predecessor BBI JU

CBE JU is funding projects that deliver bio-based solutions – materials and products made from waste and biomass – in an innovative, sustainable and circular way

CBE JU general objectives

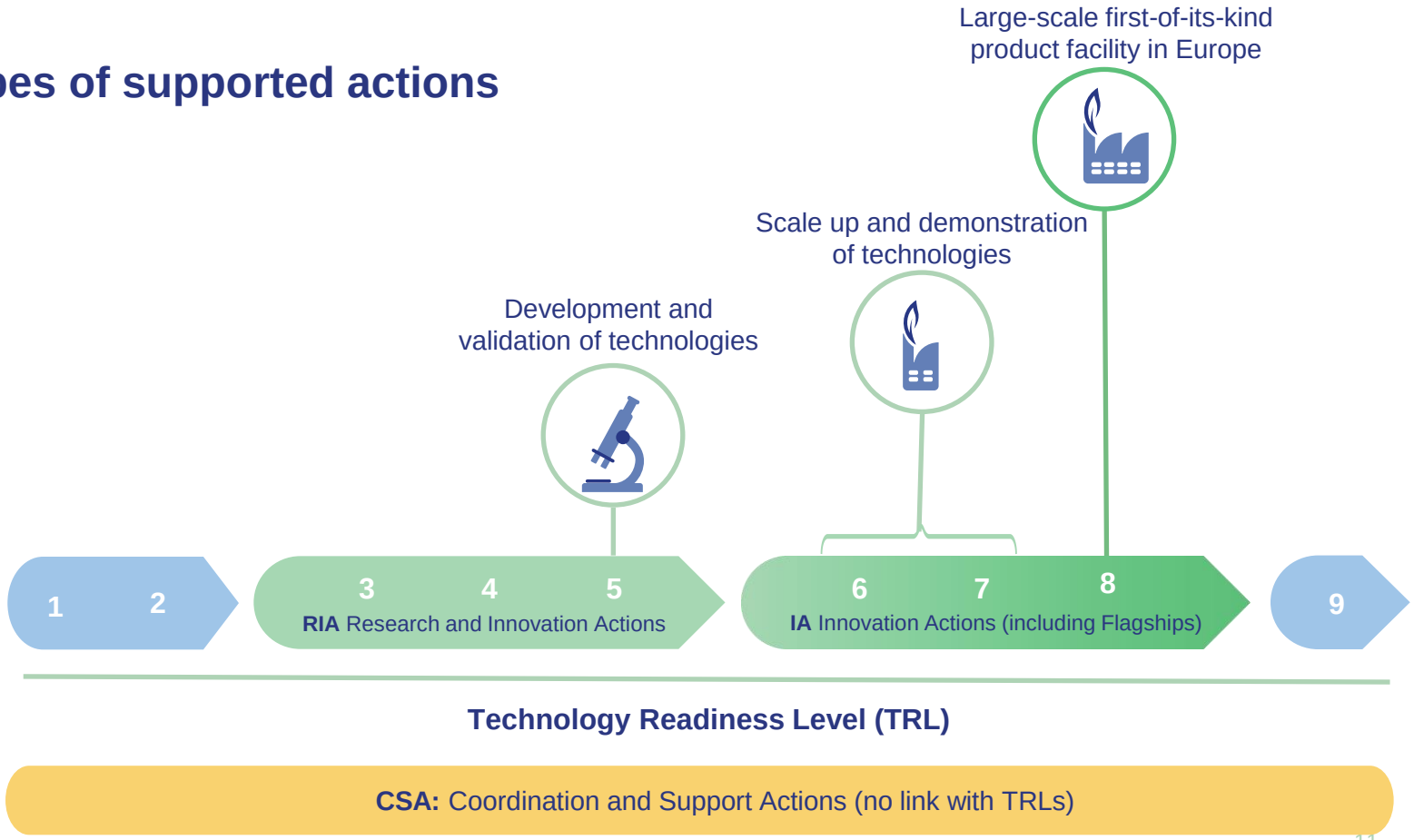
Accelerate the **innovation** process and development of bio-based innovative solutions



Accelerate **market deployment** of the existing mature bio-based innovative solutions

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

Types of supported actions



CBE JU-funded:

Demonstration plant

Flagship biorefinery

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CBE JU flagship projects

SWEETWOODS, Estonia

2 EXILVA, Norway

3

4

PLENITUDE, the Netherlands

1

5

6

FARMŸNG, France

AFTERBIOCHEM, France

7

8

9

LIGNOFLAG, Romania

13

CIRCULAR-BIOCARBON, Spain & Italy

10

15

11

14

11

FIRST2RUN, Italy

12

13 Flagship projects:

Expected socio-economic impacts

Flagship biorefinery

4,700
direct jobs

15,000
indirect jobs

€5.2
private investment for

€1
CBE JU grant-leverage effect

€250
million CBE JU grant

800+
KT CO_2 emission savings

€1.3
billion private investment*

High
replicability potential

* Based on aggregated confidential data provided by the projects and subject to change until the Flagship plants are implemented

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CBE JU supporting the European Green Deal

Contributing significantly to the **2030 climate targets,** paving the way for climate neutrality by 2050

Increasing the **sustainability and circularity** of production and consumption systems

Developing and expanding the **sustainable sourcing** and **conversion of biomass** into bio-based products

…Supporting the **deployment** of bio-based innovation **regional level,** with a view to reviving rural and coastal regions

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Contact us

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CBE JU portfolio – building on BBI JU:

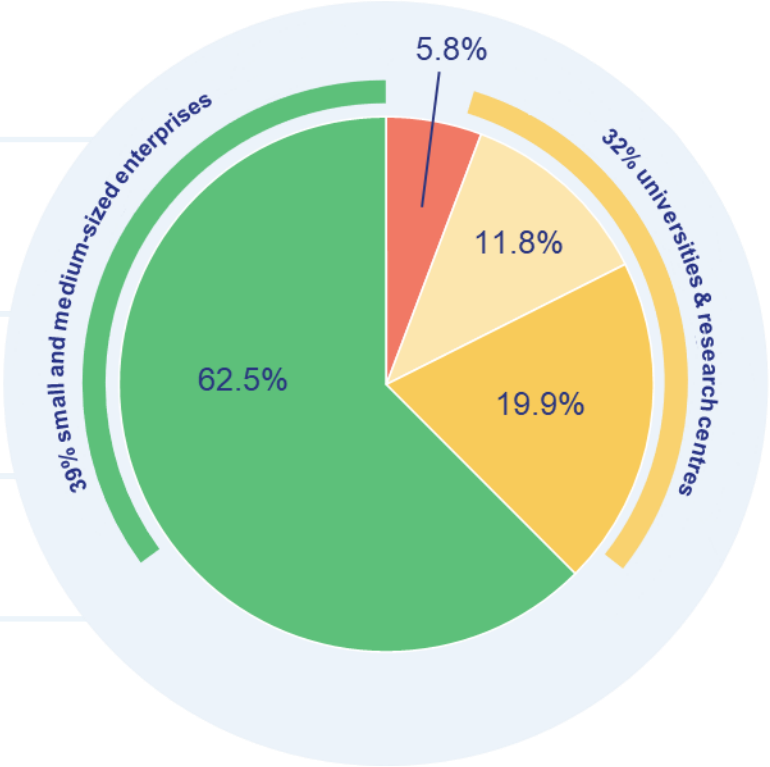
2014-2022

163 projects

1,198 beneficiaries

€937 million CBE JU funding

39 countries



CBE JU funding per type of beneficiary (unique)

- Private companies
- Research organizations
- Higher education establishments
- Other

Data: CORDA, May 2023