Circular Bio-based Europe Joint Undertaking

A competitive bioeconomy for a sustainable future

Virginia Puzzolo

Head of Programme

Cluster Spring – 28/06/2023

Bio-based Industries Consortium

Co-funded by the European Union

BBI-CBE JU portfolio:

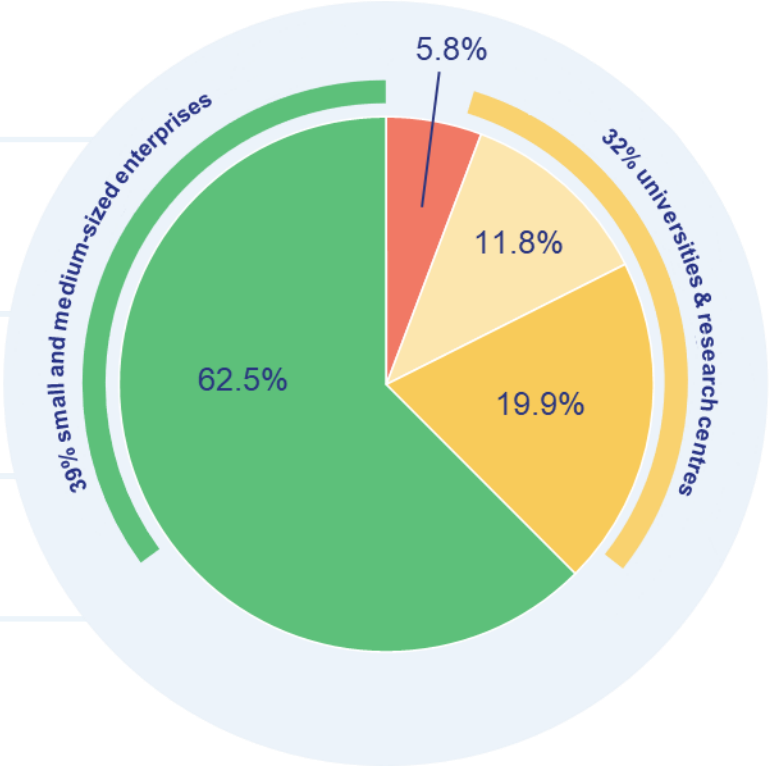
2014-2022

142 + 21 projects

1,198 beneficiaries

€937 million CBE JU funding

39 countries

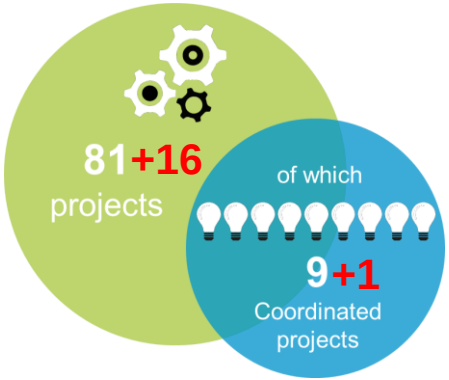


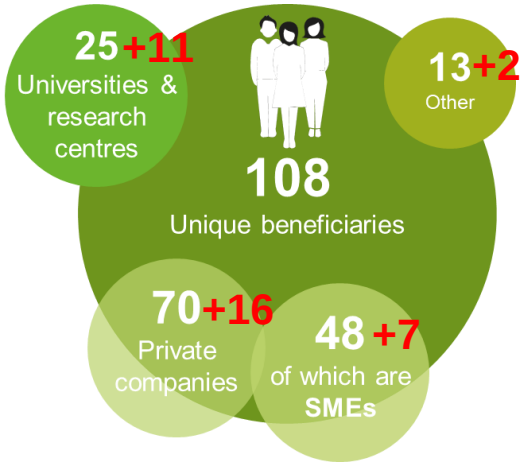
CBE JU funding per type of beneficiary (unique)

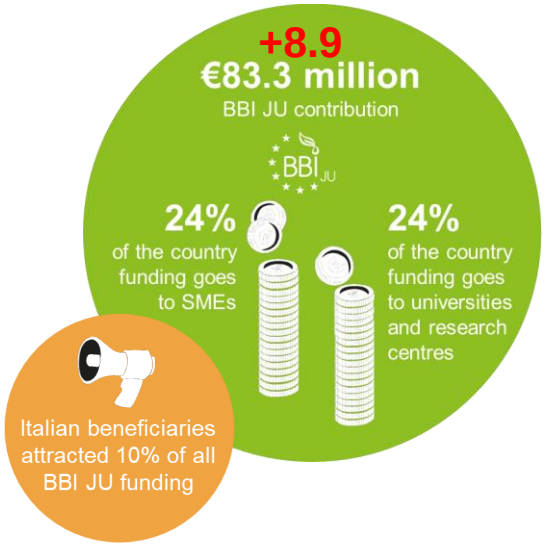
- Private companies
- Research organizations
- Higher education establishments
- Other

Data: CORDA, May 2023

BBI JU Participation in graphics + CBE JU in red







CBE JU flagship projects

Feedstock & final product

Flagship biorefinery

Call 2022

1 **AgriChemWhey**
Dairy sidestreams
↳ **Lactid adic, minerals for food and fertilisers**

2 **EXILVA**
Cellulose
↳ **MFC - MicroFibrillated Cellulose**

3 **SWEETWOODS**
Lignin & hardwood residues
↳ **High-quality C5/C6 sugars & dried lignin**

4 **VIOBOND**
Forest-based
↳ **Bio-based resins**

5 **PLENITUDE**
Residues of cereal crops
↳ **Mycoproteins**

6 **PEFerence**
Crop residues
↳ **FDCA for bioplastics**

7 **FARMŸNG**
Mealworms & agri-food sidestreams
↳ **Proteins for animal feed & organic fertiliser**

8 **AFTERBIOCHEM**
Sidestreams from sugar beet
↳ **Flavourings, fragranges, hygiene products, pharmaceuticals, antimicrobials & polymers**

9 **ReSolute**
Sidestreams from pulp & paper industry
↳ **Biodegradable, harmless & bio-based solvent: Cyrene**

10 **SCALE**
Microalgae
↳ **Nutritional ingredients for food, feed and cosmetics**

11 **CIRCULAR BIOCARBON**
Municipal solid waste
↳ **High-value products from fertilisers to 5G technology**

12 **FIRST2RUN**
Underutilised oil crops
↳ **Building blocks for polyester production & vegetable oils**

13 **LIGNOFLAG**
Crop residues
↳ **2G bioethanol biofuel - building block**

14 **SUSTAINEXT**
Crops & agro-industrial side-streams
↳ **Ingredients for food, feed, cosmetics & fertilisers**

15 **SYLPLANT**
Agri-based & wood based
↳ **Alternative protein sources for food & feed ingredients**

Circular Bio-based Europe
Joint Undertaking

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Contact us

info@cbe.europa.eu

www.cbe.europa.eu

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