



**Circular
Bio-based
Europe**
Joint Undertaking

Join the sustainable revolution!

**Take part in the
European circular
bioeconomy**



How can we protect our environment while securing jobs and creating new economic opportunities where they are most needed?

Climate change, the impact of the pandemic, and conflicts are disrupting rural businesses across Europe.

At the same time, reliance on fossil fuels is no longer sustainable.



**Circular
bioeconomy helps
address these
challenges.**

Are you ready to unlock new business opportunities?

Biomass from agriculture, forestry, fisheries, and aquaculture can replace non-renewable materials to produce sustainable, affordable bio-based products. This shift benefits the European economy and environment while offering new business opportunities for farmers, foresters, and fishermen.

➤ AFTERBIOCHEM

Goal: Turn the French and German sugar industry's sidestreams into valuable bio-based molecules.

Benefit: Increase the economic and environmental sustainability of the European sugar beet producers.

CBE JU funding:

€20 million

Coordinator:
AFYREN NEOXY, France

Location:
Saint-Avold, France

➤ MANUREFINERY

Goal: Convert livestock manure into bio-based animal feed and fertilisers.

Benefit: Reduce the environmental impact of livestock farming and create alternative income sources for farmers in Romania, Slovenia and Spain.

CBE JU funding:

€7.2 million

Coordinator:
Instituto Tecnológico de Aragon,
Spain

➤ ROBOCOOP-EU

Goal: Develop circular regional business models for the use of waste streams from three agricultural sectors: grape, olive and stone fruit cultivation.

Benefit: Offer new commercial opportunities in rural areas of Extremadura, Spain; Apulia, Italy; and West Macedonia, Greece.

CBE JU funding:

€4,8 million

Coordinator:
University of Extremadura

Location:
Castile and Leon region,
Spain; Mengeš, Slovenia;
Bacu & Peris, Romania

EXPLORE HOW WASTE BECOMES WEALTH!

What if you could turn unused or underutilised resources into new income sources?

Bio-based products allow farmers and foresters to generate income from unused or underutilised resources, such as production waste or marginal lands. Bio-based models diversify rural economies, providing new business avenues.

➤ FIRST2RUN

Goal: Use underutilised oil crops to make biodegradable and compostable bio-based products.

Benefit: Repurpose marginal lands and contribute to sustainability while producing new innovative products.

CBE JU funding:

€17 million

Coordinator:
Novamont SPA, Italy

📍 Location:
Porto Torres, Italy

➤ REDWine

Goal: Use CO₂ from wine fermentation for the production of microalgae to develop new food and cosmetic products.

Benefit: Turn greenhouse gas emissions from wine production into new and profitable products.

CBE JU funding:

€5.7 million

Coordinator:
AVIPE - Associação de viticultores do Concelho de Palmela, Portugal

📍 Location:
Setubal, Portugal

➤ BRILIAN

Goal: Create new supply chains and value-added bio-based products in rural areas of Denmark, Italy and Spain.

Benefit: Increase farmers' revenue and diversify their income sources.

CBE JU funding:

€4,9 million

Coordinator:
Fundacion Circe centro de investigacion de recursos y consumos energeticos, Spain



Curious how bio-based solutions can make agriculture more sustainable?

CBE JU-funded projects are introducing bio-based soil enhancers, fertilisers, and pesticides that significantly reduce environmental impact compared to traditional fossil-based products. These affordable solutions target specific agricultural challenges while helping farmers switch to more sustainable practices.

➤ BIOVEXO

Goal: Develop biopesticides that target the bacteria *Xylella fastidiosa* whilst preserving the orchards in Southern Europe.

Benefit: Deliver innovative biopesticides, creating new value chains and reducing environmental impact of pesticides.

CBE JU funding:

€6.6 million

Coordinator:
RTDS, Austria

Location:
Alhendín, Spain

➤ PHERA

Goal: Develop biopesticides derived from insect pheromones.

Benefit: Help prevent environmental damage and protect large-scale crops from pests while making pheromone-based products more affordable.

CBE JU funding:

€6.4 million

Coordinator:
Biophero APS, Denmark

Location:
Delft, Netherlands

➤ B-FERST

Goal: Develop 8 new competitive green fertilisers from wastewater.

Benefit: Recover nutrients from waste and use biostimulants as soil enhancers.

CBE JU funding:

€6.8 million

Coordinator:
Fertiberia, Spain

Location:
Huelva, Spain

ADOPT BIOSOLUTIONS FOR AGRICULTURE!



Primary producers are the backbone of the bio-based economy

As farmers, foresters, fishermen, and aquaculture producers, you drive rural and coastal businesses and play a crucial role in supplying locally sourced biomass to the circular bio-based sector.

YOUR **role**
is essential

to the success of the
European bioeconomy.

Join us!

CBE JU's funding is open to any organisation willing to join forces with other actors of the bio-based value chains.

**Get involved and help us drive
the circular biorevolution.**

CBE JU: leading Europe's bio-based future

CBE JU is a €2 billion partnership between the European Union and the Bio-based Industries Consortium (BIC) that funds projects advancing competitive circular bio-based industries in Europe. These industries develop bio-based solutions in an innovative, sustainable and circular way.

Since 2022,

70 organisations from the

 agricultural,

 forestry and

 aquatic

sectors have received a total of
€7.46 million in CBE JU funding.



Get to know more!