



CIRCULAR BIO-BASE EUROPE PARTNERSHIP



The CBE JU is a EUR 2 billion public-private partnership between the European Union, represented by the European Commission (EC), and the Bio-based Industries Consortium (BIC). It is established under Horizon Europe, the EU's research and innovation programme, for the period 2021-2031. The CBE JU is not a direct continuation of the Bio-Based Industries Joint Undertaking, but rather a programme that builds on its achievements and aims at addressing its shortcomings.

CBE JU is thereby supporting research and innovation activities in the field of sustainable biobased solutions under the umbrella of Horizon Europe, the EU's research and innovation programme for the 2021-2027 period. By replacing non-renewable fossil resources with waste and sustainably sourced biomass to produce industrial and consumer goods, the bio-based industries will help Europe become the world's first climate-neutral continent while increasing the sustainability and circularity of production and consumption systems.

As presented in the SRIA 2030 [Strategic Research and Innovation Agenda](#), the CBE JU partnership will fund projects focused on **the production of bio-based chemicals, materials, food and feed ingredients and soil nutrients**. Biofuels, bioenergy, food and feed, pharmaceuticals and medical devices are not within the remit of the partnership.

Call for proposals 2024

- ✓ Call identifier: [HORIZON-JU-CBE-2024](#)
- ✓ Call **launch**: 24 April 2024
- ✓ Call **deadline**: 18 September 2024 17:00 CET
- ✓ Call budget: €213 million
- ✓ **CBE JU calls follow the rules and procedures of Horizon Europe**, the EU's research and innovation programme.

2024 Call Topics:

CBE JU funds three types of actions, IA (Innovation Actions), RIA (Research and Innovation Action), and CSA (coordination and Support Action). Topic description is included in the [Work Programme 2024](#).

Innovation actions – flagship (IA-flagship): 1 project per topic. TRL 8 at the end of the project

- [Bio-based value chains for valorisation](#) of sustainable oil crops - €20 million
- [Bio-based dedicated platform chemicals via cost-effective](#), sustainable and resource-efficient conversion of biomass - €20 million
- [Bio-based value chains for valorisation of sustainable natural fibre feedstock](#) - €20 million

Innovation actions (IA): 2 projects per topic. Each project 7,5M€. TRL 6-7 at the end of the project

- [Bio-based materials and products for biodegradable in-soil applications](#) - €15 million
- [Sustainable microalgae as feedstock for innovative, added-value applications](#) - €15 million
- [Enlarging the portfolio of commercially produced “Safe and Sustainable by design” \(SSbD\) solvents](#) - €15 million
- [Circular and SSbD bio-based construction & building materials](#) with functional properties - €15 million
- [Selective and sustainable \(co\)-production of lignin-derived aromatics](#) - €15 million
- [Innovative bio-based adhesives and binders for circular products](#) meeting market requirements - €15 million

- [Innovative conversion of biogenic gaseous carbon into bio-based chemicals](#), ingredients, materials - €15 million

Research and innovation actions (RIA): 2 projects per topic. TRL 4-5 at the end of the project

- [Valorisation of polluted/contaminated wood from industrial and post-consumer waste streams](#) - €7 million
- [Biotech routes to obtain bio-based chemicals/materials replacing animal-derived ones](#) - €7 million
- [Sustainable, bio-based alternatives for crop protection](#) - €10 million
- [SSbD bio-based coating materials for applications under demanding and/or extreme conditions](#) - €7 million
- [Innovative bio-based food/feed ingredients](#) - €7 million

Coordination and support actions (CSA): 1 project per topic

- [New forms of cooperation in agriculture and the forest-based sector](#) - €4 million
- [Mobilise inclusive participation in bio-based systems](#) and supporting the CBE JU widening strategy and its action plan - €3 million
- [Supporting the CBE JU Deployment Group on Primary Producers](#) - €3 million

CBE JU Info Day 2024

Date: 23 April 2024.

The info day was streamed online, and its recording is available [on this page](#). The presentations are also available.

Networking

Are you considering applying for the CBE JU 2024 call for project proposals? Join the [CBE JU networking platform](#) to pitch your project idea, look for partners and offer your services or expertise, and, more importantly, get in touch with other CBE JU community members!

The platform is open until the call submission deadline. You can book meetings with other participants on the platform.

Apply as an expert

Are you an expert in the circular bio-based industries fields but are not planning to submit a proposal? Consider applying as an evaluator to help CBE JU select the best proposals in future calls:

- Create or update your expert profile via the European [Commission's Funding & tenders portal](#).
- Send an E-mail to experts@cbe.europa.eu, mentioning your expert profile number in the participant portal (*format EX20XX1234567*).