

CIRCULAR BIO-BASED EUROPE JU - CALL 2022

Opening Date	Budget	Deadline date
22/06/2022	120 M€ for 2022	22/09/2022

1. BENEFICIARIES

All kind of entities established in a member state (MS) or associated country (AC).

- Research and Innovation Actions (RIA) and Innovation Actions (IA): Minimum 3 independent legal entities established in 3 different Member State or Associated Country (at least one from a MS).
- Coordination & Support Actions (CSA): At least 1 legal entity established in a MS or AC.

Entities can only participate as beneficiaries, affiliated entities, associated partners, third parties giving in-kind contributions or subcontractors.

2. SUMMARY

CBE JU is an **institutionalised European partnership** between the European Union, represented by the European Commission, and the Bio-based Industries Consortium (BIC).

CBE JU is operating under the rules of Horizon Europe, the EU's research and innovation programme, for the 2021-2031 period.

The partnership is built on previous Bio-based Industries Joint Undertaking (BBI JU), while addressing the current challenges facing the industry.

CBE JU partnership will fund projects focused on production of bio-based chemicals, materials and products, other than biofuels and bioenergy, food and feed (food and feed ingredients and soil nutrients are in the scope), pharmaceuticals and medical devices.

3. TOPICS

Topic	Name	Type of action	EU contribution (€M)	Projects to be funded
Flagship				
HORIZON-JU-CBE-2022-IAFlag-01	Maximum valorisation of sustainably sourced bio-based feedstock in multi-product, zero-waste, zero-pollution biorefinery	IA	14	1
HORIZON-JU-CBE-2022-IAFlag-02	Alternative sources for high added value food and/or feed ingredients	IA	14	1
Demo				
HORIZON-JU-CBE-2022-IA-01	Biogenic carbon capture and use (CCU) for circular biobased products	IA	5	2
HORIZON-JU-CBE-2022-IA-02	Cooperative business models for the sustainable mobilisation and valorisation of agricultural residues, by products, and waste in rural areas	IA	5	2
HORIZON-JU-CBE-2022-IA-03	Cost-effective production routes towards bio-based alternatives to fossil-based chemical building blocks	IA	6	2
HORIZON-JU-CBE-2022-IA-04	Co-processing of mixed bio-based waste streams	IA	6	2

RIA				
HORIZON-JU-CBE-2022-R-01	High performance bio-based polymers for market applications with stringent requirements	RIA	4.5	2
HORIZON-JU-CBE-2022-R-02	Bio-based coatings, barriers, binders, and adhesives	RIA	4.5	2
HORIZON-JU-CBE-2022-R-03	Circular-by-design bio-based materials to improve the circularity of complex structures	RIA	4.5	2
HORIZON-JU-CBE-2022-R-04	Proteins from alternative and unconventional sources	RIA	4.5	2
HORIZON-JU-CBE-2022-R-05	Sustainable fibres biorefineries feedstock	RIA	4.5	2
CSA				
HORIZON-JU-CBE-2022-S-01	Developing and validating monitoring systems of environmental sustainability and circularity: collection of best practices and benchmarks	CSA	3	1

4. ELIGIBLE PERIOD FOR EXPENSES

The costs, to be eligible, must be incurred by the beneficiary during the implementation of the action (except for costs relating to the submission of the final periodic report which may be incurred afterwards).

This period is set out by the official starting date and the project duration established in the grant agreement signed after the negotiation if the proposal is funded.

A first estimation of the starting date is about six months after the proposal submission.

The duration of the projects is usually 3 or 4 years.

5. FUNDING

Research and Innovation Actions (RIA): 100% funding rate

Innovation Actions (IA):

- 60% funding rate for profit entities
- For non-profit legal entities, a rate of up to 100% applies

Coordination & Support Actions (CSA): 100% funding rate

6. ELIGIBLE COST CATEGORIES

Direct costs necessary to implement the action:

1. Personnel costs
 - Employees
 - Natural persons under direct contract
 - Seconded persons
 - SME owners and natural person beneficiaries
2. Subcontracting costs
3. Purchase costs
 - Travel and subsistence
 - Equipment (depreciation)
 - Other goods, works and services

Indirect costs:

- 25% of total eligible direct costs (excluding subcontracting costs)

7. ADDITIONAL CONDITIONS:

BIC membership: Participating industry/companies in IAs should be a BIC member or become a BIC member before the closing date of the call to ensure IKOP level. Project proposals that do not fulfil this condition will not receive enough support to be funded.

IKOP: IAs must ensure the level of in-kind contribution to operational activities (IKOP) defined in the call/topic as % of total projects eligible costs (IAs 15% and IA-Flagship 20%)

The level of 'IKOP' will be considered during the evaluation of Innovation Action project proposals (see Q 2.1). Only BIC members can provide IKOP. A certificate of the BIC membership must be attached to the proposal as an Annex.

Companies CBE co-financing: If the project is funded, a 'project contribution' of 8% of the attributed grant must be paid by BIC industry members participating in Innovation Actions.

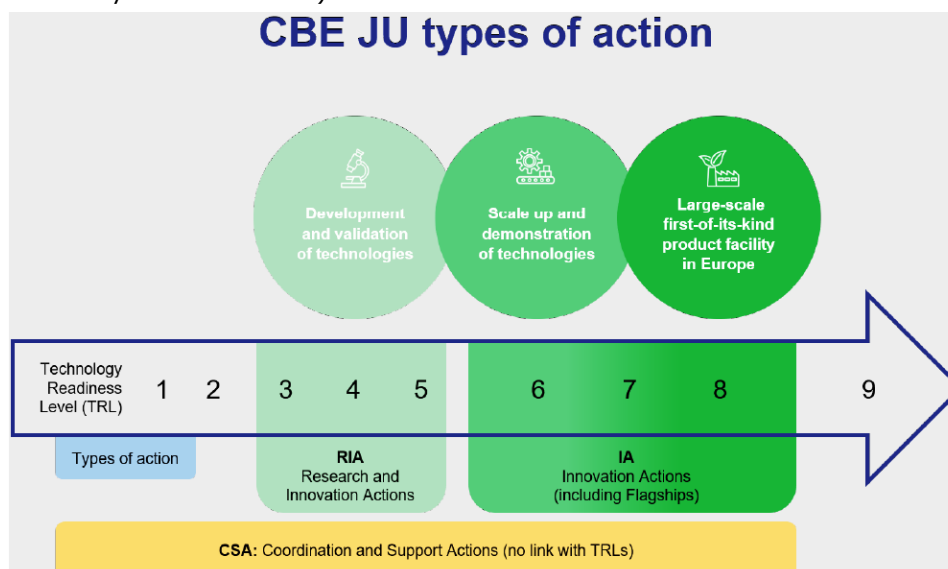
DEFINITIONS:

Beneficiaries — The signatories of the Agreement.

Affiliated entities — Entities affiliated to a beneficiary (Article 187 of EU Financial Regulation 2018/104611) which participate in the action with similar rights and obligations as beneficiaries.

Associated partners — Entities which participate in the action, but without the right to charge costs or claim contributions.

IKOP (In Kind Contribution to Operational Activities) = Contributions by private members, constituent entities or the affiliated entities of either, by international organisations and by contributing partners, consisting of the eligible costs incurred by them in implementing indirect actions less the contribution of that joint undertaking and of the participating states of that joint undertaking to those costs. (it must be certified by auditors in CFS).



- RIAs include activities of 'testing', 'demonstrating' and 'piloting'. These activities aim to establish new knowledge or to 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 lab or simulated environment. (TRL 3 to 5)
- IAs include activities of 'testing', 'demonstrating' and 'piloting'. They aim at scaling up activities from prototype, in a (near to) operational environment, industrial or otherwise, to large-scale product validation and market replication. (TRL 6 -7)
- Flagships are a specific type of Innovation Action which aim to support the first application/deployment in the EU market of an innovation that has already been demonstrated but not yet applied/deployed in the EU market (first-of-a-kind innovation). (TRL8 at the end)
- CSAs will address needs to i) structure stakeholder communities; ii) support dissemination and exploitation of research or innovation projects; iii) exploit synergies of scale among projects; iv) raise awareness in specific areas; v) support technological visions (e.g. road-mapping, user cases, etc.) and outreach (e.g. events, publications, etc.); vi) promote international cooperation with specific regions and/or technological areas for any of the above-mentioned activities; vii) undertake other activities similar in nature to those above (i.e., this is not an exhaustive list).