

# Horizon Europe Funding Opportunities 2024

## Circular Bio-Based Europe Joint Undertaking

**ISERD** is the interface between the Israeli government and the EU, for all the activities of the Framework Programme. Our goal is to promote participation of Israeli entities in European research and innovation (R&I) activity and to increase Israel's scientific and industrial collaboration with the European R&I ecosystem. ISERD holds events, information days, and [monthly Orientation Presentations](#), providing more information about funding opportunities

### Horizon Europe (HEU)

**HEU** is a 95.5-billion-euro funding programme for R&I, that covers all major scientific and technological disciplines, and encourages collaborative projects (consortia) for a joint goal.

- Consortium –
  - ✓ At least 3 partners from 3 different countries participating in the programme
  - ✓ Out of the 3, at least one partner must be from an EU country
  - ✓ A partner can be any legal entity – university, company, agency, organisation, etc...
  
- Funding Tools –

Action	Funding*	Technology Readiness Level	Main Characteristics
RIA – <b>Research &amp; Innovation Action</b>	100% + 25%	Low TRL (3-5)	Basic and applied <b>research</b> , technology development and integration, <b>testing</b> and validation - small-scale prototype in laboratory or simulated environment
IA* – <b>Innovation Action</b>	70% + 25%	High TRL (6-8)	<b>Prototyping</b> , testing, demonstrating, piloting, large-scale product validation and <b>market replication</b>
<b>Flagships*</b>	70% + 25%	High TRL (6-8)	Support the <b>first application/deployment</b> in the EU market of an innovation that has already been demonstrated but not yet applied/deployed in the EU market (first-of-its-kind innovation)

\* On CBE program: The funding rate is 60% of the eligible costs, for profit legal entities.

CSA - <b>Coordination &amp; Support Action</b>	100% + 25%		<b>Networking</b> , coordination or <b>support services</b> , policy dialogues and mutual learning exercises and studies
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\* Non-profit: always 100% + 25% overhead

#### For further Information:

Reut Cohen | [Reut.Cohen@iserd.org.il](mailto:Reut.Cohen@iserd.org.il) | 0549989097

## Circular Bio-Based Europe Joint Undertaking (CBE JU)

The Circular Bio-based Europe Joint Undertaking (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. CBE JU is operating under the rules of Horizon Europe, the EU's research and innovation programme, for the 2021-2031 period.

CBE JU is supporting **research and innovation activities in the field of sustainable biobased solutions**, 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.

The general objectives of CBE JU:

1. Accelerate the innovation process and development of bio-based innovative solutions.
2. Accelerate market deployment of the existing mature and innovative bio-based solutions.
3. Ensure a high level of environmental performance of bio-based industrial systems.

Open calls for proposals - <https://www.cbe.europa.eu/open-calls-proposals>

Topic	Expected TRL	Budget per Project [M€]	No. of Projects	Action	Deadline
<b>HORIZON-JU-CBE-2024-IAFlag-01</b> Bio-based value chains for valorisation of sustainable oil crops	8	20	1	IA-flagship	18 September 2024
<b>HORIZON-JU-CBE-2024-IAFlag-02</b> Bio-based dedicated platform chemicals via cost-effective, sustainable and resource-efficient conversion of biomass	8	20	1	IA-flagship	18 September 2024
<b>HORIZON-JU-CBE-2024-IAFlag-03</b> Bio-based value chains for valorisation of sustainable natural fibre feedstock	8	20	1	IA – flagship	18 September 2024
<b>HORIZON-JU-CBE-2024-IA-01</b> Bio-based materials and products for biodegradable in-soil applications	7-8	7.5	2	IA	18 September 2024
<b>HORIZON-JU-CBE-2024-IA-02</b> Sustainable micro-algae as feedstock for innovative, added-value applications	6-7	7.5	2	IA	18 September 2024
<b>HORIZON-JU-CBE-2024-IA-03</b> Enlarging the portfolio of commercially produced bio-based SSbD solvents	6-7	7.5	2	IA	18 September 2024

Topic	Expected TRL	Budget per Project [M€]	No. of Projects	Action	Deadline
<b>HORIZON-JU-CBE-2024-IA-04</b> Circular and SSbD bio-based construction & building materials with functional properties	6-7	7.5	2	IA	18 September 2024
<b>HORIZON-JU-CBE-2024-IA-05</b> Selective and sustainable (co)-production of lignin-derived aromatics	6-7	7.5	2	IA	18 September 2024
<b>HORIZON-JU-CBE-2024-IA-06</b> Innovative bio-based adhesives and binders for circular products meeting market requirements	6-7	7.5	2	IA	18 September 2024
<b>HORIZON-JU-CBE-2024-IA-07</b> Innovative conversion of biogenic gaseous carbon into bio-based chemicals, ingredients, materials	6-7	7.5	2	IA	18 September 2024
<b>HORIZON-JU-CBE-2024-RIA-01</b> Valorisation of polluted/contaminated wood from industrial and post-consumer waste streams	5	3.5	2	RIA	18 September 2024
<b>HORIZON-JU-CBE-2024-RIA-02</b> Biotech routes to obtain bio-based chemicals/ materials replacing animal-derived ones	4-5	3.5	2	RIA	18 September 2024
<b>HORIZON-JU-CBE-2024-RIA-03</b> Sustainable, bio-based alternatives for crop protection	4-5	5	2	RIA	18 September 2024
<b>HORIZON-JU-CBE-2024-RIA-04</b> SSbD bio-based coating materials for applications under demanding and/or extreme conditions	4-5	3.5	2	RIA	18 September 2024
<b>HORIZON-JU-CBE-2024-RIA-05</b> Innovative bio-based food/feed ingredients	4-5	3.5	2	RIA	18 September 2024
<b>HORIZON-JU-CBE-2024-CSA-01</b> New forms of cooperation in agriculture and the forest-based sector	-	4	1	CSA	18 September 2024
<b>HORIZON-JU-CBE-2024-CSA-02</b> Mobilize inclusive participation in biobased systems and supporting the CBE JU widening strategy and its action plan	-	3	1	CSA	18 September 2024
<b>HORIZON-JU-CBE-2024-CSA-03</b> Supporting the CBE JU Deployment Group on Primary Producers	-	3	1	CSA	18 September 2024

### **CBE key documents:**

- [Strategic Research and Innovation Agenda](#)
- [CBE JU Annual Work Programme 2024](#)
- [FAQ for applicants CBE JU Call for proposals 2024](#)
- [How to apply for funding](#)

### **Events:**

- The [CBE JU Info Day 2024](#) is planned for **23 April 2024** in **Brussels**