

# **CBE JU France info day**

# **Call for project proposals 2023**

Pilar LLORENTE RUIZ DE AZUA

25 April 2023

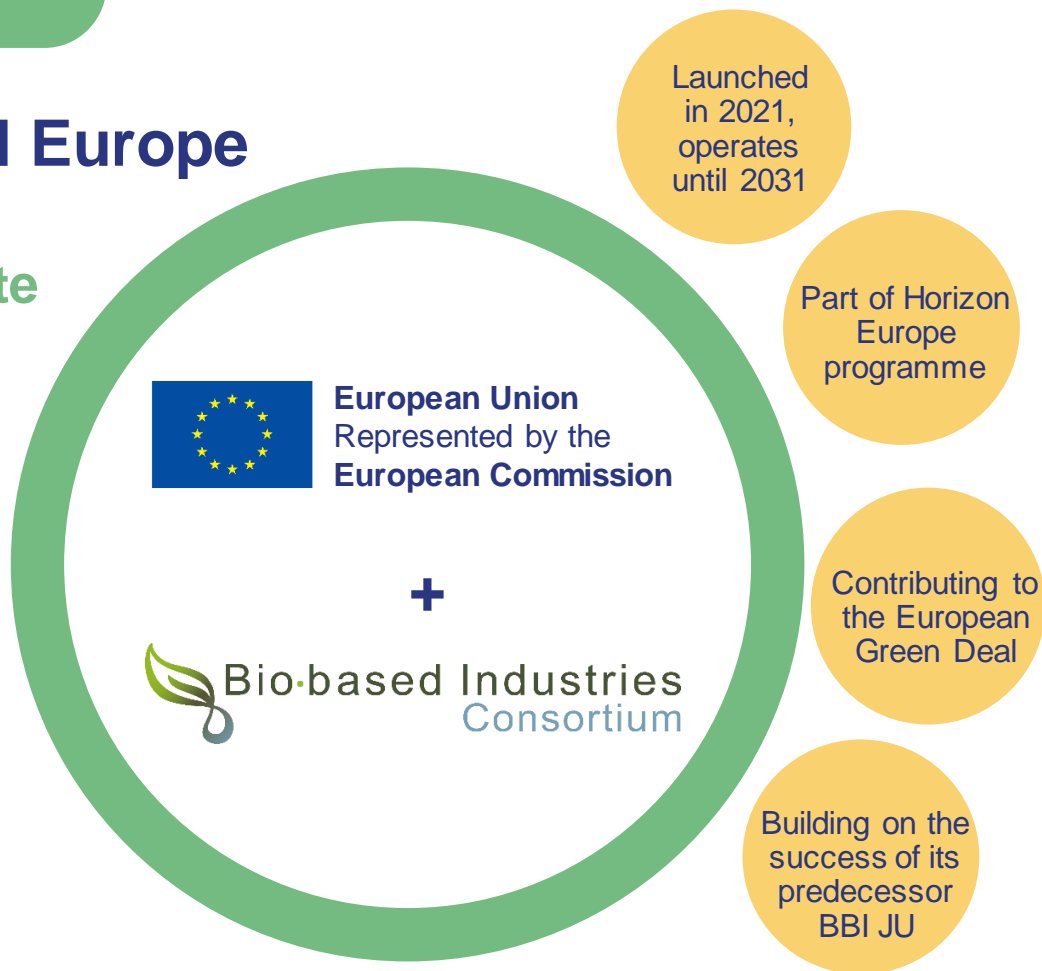


# Circular Bio-based Europe Joint Undertaking (CBE JU) and its Objectives

1

# Circular Bio-based Europe Joint Undertaking

€2 billion public-private  
initiative





Established by the Council regulation  
(EU) 2021/2085 of 19 November 2021

Along with 8 other institutionalised partnerships



## Supporting the European Green Deal



Contributing significantly to the **2030 climate targets**, paving the way for climate neutrality by 2050



Increasing the **sustainability and circularity** of production and consumption systems



Developing and expanding the **sustainable sourcing and conversion of biomass** into bio-based products



...Supporting the **deployment** of bio-based innovation **regional level**, with a view to reviving rural and coastal regions

## General and Specific CBE JU Objectives



Accelerate the **innovation** process and development of bio-based innovative solutions



Increase cross-disciplinary **research and innovation** activities, reaping its benefits for the development and demonstration of **sustainable bio-based solutions**.



Increase and integrate the research and innovation **capacity of stakeholders** across the EU to unlock **bioeconomy potential** even in regions with underdeveloped capacity.



Increase the **research and innovation** capacity and development of sustainable bio-based innovations, by ensuring that sustainability issues and environmental performance are integrated throughout the whole **innovation chain**.



Accelerate **market deployment** of the existing mature and innovative bio-based solutions



Reinforce the integration of **bio-based research** and innovation in EU bio-based industries and increase the involvement of R&I actors, including feedstock providers, in the **bio-based value chains**.



**Reduce the risk** for research and innovation investment in bio-based companies and projects.

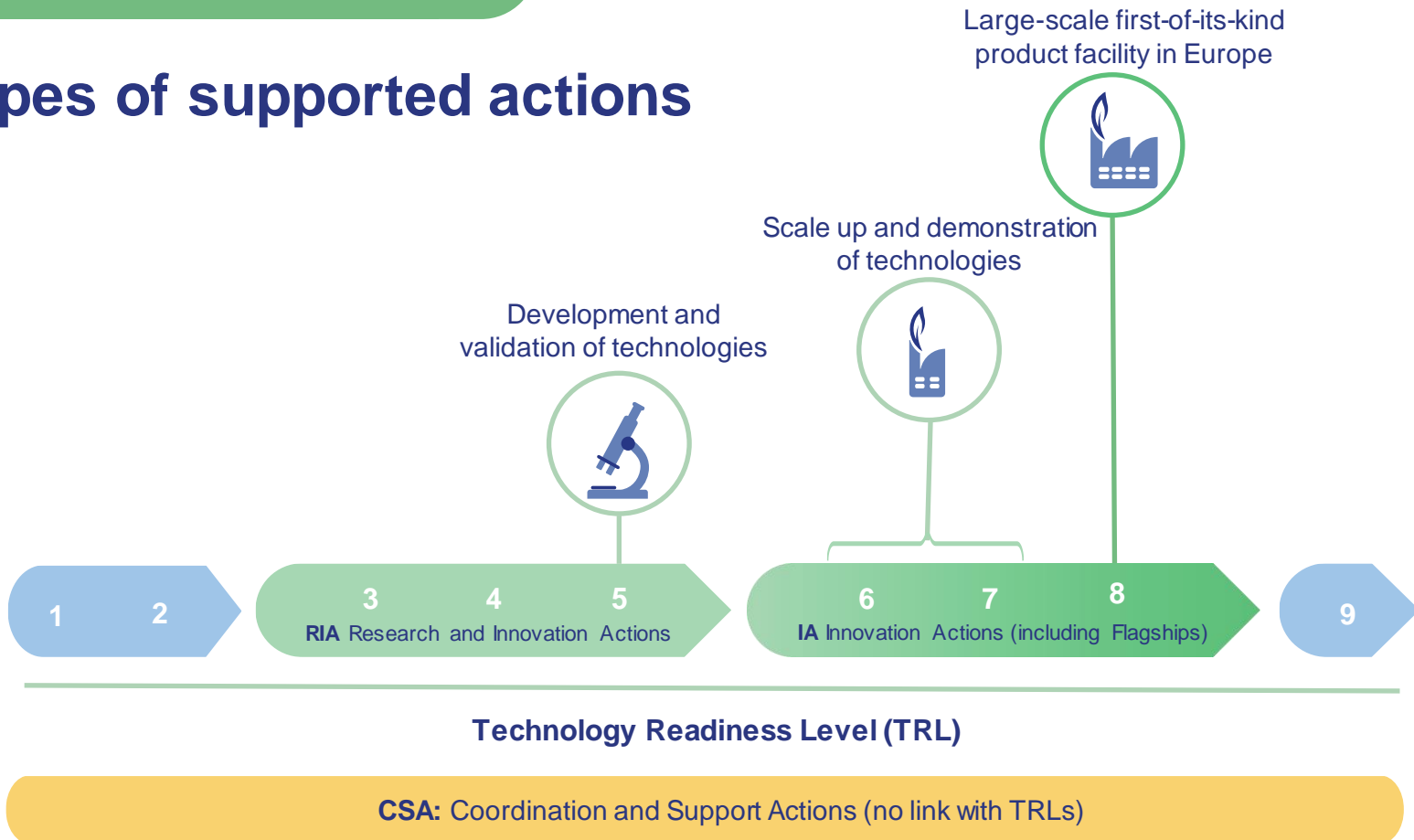


Ensure a high level of **environmental performance** of bio-based industrial systems



Ensure that **circularity** and environmental considerations, including contributions to **climate neutrality** and **zero pollution** objectives, are considered in the development and implementation of R&I bio-based projects and facilitate **societal acceptance**.

# Types of supported actions



# From strategy to implementation





# Call 2023 overview: 18 topics and their budget

Type of action	Topics HORIZON-JU-CBE-2023		Million EUR
<b>IA–flagship</b>	IAFlag-01	Optimised and integrated wood-based value chains	17
	IAFlag-02	Expansion and/or retro-fitting of biorefineries towards higher-value bio-based chemicals and intermediates	17
	IAFlag-03	Bio-based packaging materials with improved properties: barrier, food contact, forming, printability, safety, recyclability /circularity-by-design	17
	IAFlag-04	Valorisation of aquatic biomass waste and residues	10
<b>IA</b>	IA-01	Small scale biorefining in rural areas	15
	IA-02	Production of safe, sustainable, and efficient bio-based fertilisers to improve soil health and quality	15
	IA-03	Improve fermentation processes (including downstream purification) to final bio-based products	15
	IA-04	Recycling bio-based plastics increasing sorting and recycled content (upcycling).	15
	IA-05	Development of scalable, safe bio-based surfactants, with an improved sustainability profile	15
	IA-06	Selective, sustainable production routes towards bio-based alternatives to fossil-based chemical building blocks	15
	IA-07	High performance, circular-by design, bio-based composites	15
<b>RIA</b>	R-01	Phyto-management; curing soil with industrial crops, utilising contaminated and saline land for industrial crop production	10
	R-02	Optimised forest-based value chains for high value applications and improved forest management	10
	R-03	Robust and optimised industrial biotech and chemical/industrial biotech processes	10
	R-04	Development of novel, high-performance bio-based polymers and co-polymers	10
	R-05	Pre-normative research to develop standards for biodegradability of bio-based products in controlled and in open environments	5
<b>CSA</b>	S-01	EU-wide network of pilot plants and testing facilities, improving SMEs and start-ups' access to scale-up	1.5
	S-02	Supporting the capacity of regions in environmental sustainability assessment for the bio-based sectors	3

Total 215.5

# Call topic structure

## HORIZON-JU-CBE-2023-XX-NN Topic title

<b>Type of action</b>	Research and Innovation Action
<b>Indicative budget</b>	The total indicative budget for the topic is EUR 10 million
<b>Expected EU contribution per project</b>	It is estimated that a contribution of EUR 5 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts
<b>TRL</b>	TRL 4-5 at the end of the project
<b>Link to CBE JU Specific Objectives</b>	1.1: Increase the intensity of cross-disciplinary research and innovation activities
<b>Link to CBE JU SRIA Strategic Priorities</b>	1.1.2: Develop innovative production systems in the bio-based industry 1.1.3: Develop innovative bio-based products
<b>CBE JU KPIs</b>	4.5 Number of products with improved life cycle environmental performance 5.1 Number of innovative products that are biodegradable, compostable, recyclable, reused or upcycled (circular-by-design) 5.2 Number of projects developing circular production practices (incl. industrial & industrial urban symbiosis) 6 Increase innovative bio-based outputs and products

Topic

Topic

Topic

AWP  
2023

CBE JU Call 2023:  
Specific requirements

2

# Horizon Europe + CBE requirements

## Horizon Europe (HE) rules

- Eligibility
- Admissibility
- General annexes

## HE evaluation criteria

- Excellence
- Impact
- Implementation

## CBE Annual Work Programme 2023

- Topics
- **Specific requirements**
- **Cross-cutting elements**
- Budget

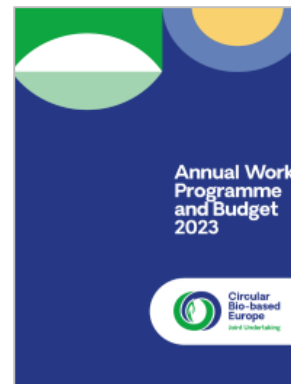


## Proposal structure

Part A

Part B

The image shows two overlapping screenshots of proposal forms. The top one is 'Part A: Application form' with fields for 'Topic', 'Type of activities', and 'Proposal description'. The bottom one is 'Part B: Proposal template Part B: technical description' with a table for 'Activities' and a 'Table of contents' section.



# Similarities and **differences** with Horizon Europe



## Funding rate

- RIA: 100%
- IA: **60%** (100% non-profit)
- CSA: 100%



## Award criteria

- RIA, IA & CSA: Excellence, Impact, Implementation
- IA: + Impact **Ability to ensure 15% (IA) or 20% (IAFlag) of in-kind contribution to operational activities (IKOP)**  
= minimum IKOP percentage



## Page limit

- RIA: **50 p.**
- IA: **70 p.**
- CSA: 30 p.



## Scoring thresholds

- Excellence: 3/5
- Impact: **4/5**
- Implementation: 3/5
- Total: **11/15**



## Score weighting factor

- IA: Impact **x 1,5**

# In-kind contribution to operational activities (IKOP)

**IKOP = Total eligible costs – Requested EU contribution (of private members)**

In CBE JU, the only **private member** is the **Bio-based Industries Consortium (BIC)**.

→ **Minimum percentage of IKOP** must be reflected in the budget of partners that are BIC members.

Example 1: IA Flagship Criterion: $\geq 20\%$ IKOP	BIC member	Industry / Academia	Total eligible costs	Funding rate	Requested EU contribution	IKOP
Coordinator ( <b>BIC member</b> )	Y	industry	€ 7,000,000	60%	€ 4,200,000	€ 2,800,000
Beneficiary 1	N	academia	€ 590,000	100%	€ 590,000	
Beneficiary 2 ( <b>BIC member</b> )	Y	industry	€ 5,000,000	60%	€ 3,000,000	€ 2,000,000
Beneficiary 3	N	industry	€ 3,000,000	60%	€ 1,800,000	
Beneficiary 4	N	academia	€ 800,000	100%	€ 800,000	
<b>TOTAL</b>			<b>€ 16,390,000</b>		€ 10,390,000	<b>€ 4,800,000</b>

$$\text{Percentage IKOP} = \frac{\text{€ 4,800,000}}{\text{€ 16,390,000}} = 29,3\% > 20\% \quad \text{👍}$$

BIC has set up an open and fast procedure to become a BIC member: <https://biconsortium.eu/membership>

# In-kind contribution to operational activities (IKOP)

**IKOP = Total eligible costs – Requested EU contribution (of private members)**

In CBE JU, the only private member is the **Bio-based Industries Consortium (BIC)**.

→ **Minimum percentage of IKOP** must be reflected in the budget of partners that are BIC members.

Example 2: IA Criterion: $\geq 15\%$ IKOP	BIC member	Industry / Academia	Total eligible costs	Funding rate	Requested EU contribution	IKOP
Coordinator ( <b>BIC member</b> )	Y	industry	€ 3,200,000	60%	€ 1,920,000	€ 1,280,000
Beneficiary 1	N	academia	€ 590,000	100%	€ 590,000	
Beneficiary 2	N	industry	€ 1,500,000	60%	€ 900,000	
Beneficiary 3	N	industry	€ 3,000,000	60%	€ 1,800,000	
Beneficiary 4	N	academia	€ 800,000	100%	€ 800,000	
<b>TOTAL</b>			<b>€ 9,090,000</b>		€ 6,010,000	<b>€ 1,280,000</b>

$$\text{Percentage IKOP} = \frac{\mathbf{€1,280,000}}{\mathbf{€9,090,000}} = 14,1\% < 15\% \quad \text{👎}$$

BIC has set up an open and fast procedure to become a BIC member: <https://biconsortium.eu/membership>

## Call 2023 specific requirements: summary table

Specific requirement of the CBE JU Call 2023	Type of action	Where to include it in Part B
<b>Feedstock sourcing</b>	RIA and IA, incl. FLAGs	Structured question (Y/N) in the introduction
<b>Feedstock sustainability requirements (a, b, c, d)</b>	RIA and IA, incl. FLAGs	Structured question (Y/N) in the introduction
<b>Description of feedstock</b>	RIA and IA, incl. FLAGs	1.2 Methodology
<b>Environmental performance - Ex-ante assessment</b> <ul style="list-style-type: none"> <li>• identification of environmental issues</li> <li>• estimation of environmental sustainability performance,</li> <li>• estimation of carbon removal</li> </ul>	RIA and IA, incl. FLAGs	1.2 Methodology
<b>Ex-post assessment of environmental sustainability and circularity</b> <ul style="list-style-type: none"> <li>• Dedicated task</li> <li>• Dedicated WP or task (LCA)</li> <li>• Dedicated WP or task (LCSA)</li> </ul>	RIAs IAs FLAGs	3.1 Workplan and resources
<b>Economic viability</b> <b>Business case and business model</b> <b>Business plan</b>	RIAs IAs, incl. FLAGs FLAGs	2.2 Measures to maximise impact Annex (business plan)
<b>Recommendations to stakeholders</b>	IAs, incl. FLAGs	3.1 Workplan and resources
<b>Multi-actor approach</b>	IAs, incl. FLAGs. RIAs and CSAs, when specified	1.2 Methodology



# Call 2023 specific requirements: feedstock (1/3)

## Feedstock sourcing (eligibility condition)

### All RIAs and IAs, including Flagships

Proposals shall confirm in that:

- if the bio-based feedstock is processed in EU/EEA/EFTA countries, the bio-based feedstock comes from such countries;
- if the feedstock is processed in an Associated Country, the bio-based feedstock comes from the same country or from neighbouring EU/EEA/EFTA countries.

**EFTA:** European Free Trade Association: Iceland, Liechtenstein, Norway, and Switzerland

**EEA:** 27 EU countries, plus Iceland, Liechtenstein, Norway

**Associated countries to Horizon Europe:** see [https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation\\_horizon-euratom\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation_horizon-euratom_en.pdf)

Bio-based feedstock may include bio-waste from imported products. A non-exhaustive list of bio-based feedstock in the scope of CBE is included in Annex V of SRIA.

# Call 2023 specific requirements: feedstock (2/3)

## Feedstock sustainability requirements

### All RIAs and IAs, including Flagships

Proposals should describe the feedstock to be used under Part B section 1.2. Methodology, and ensure that it:

- is **under the scope** of the feedstocks foreseen in CBE JU SRIA (including Annex V);
- under the condition of respecting the **“food first”** and **“cascading use”** principles, surplus streams from agricultural biomass processing such as carbohydrates, or oils, can be used as feedstock for CBE JU projects.

Proposals should also demonstrate that the feedstock is produced **respecting local ecological limits, and ensuring protection, enhancement and restoration of biodiversity and ecosystems services**. As much as possible, the feedstock should come from **short supply chains**.

Bio-based feedstock may include bio-waste from imported products. A non-exhaustive list of bio-based feedstock in the scope of CBE is included in Annex V of SRIA

# Call 2023 specific requirements: feedstock (3/3)

## Feedstock sustainability requirements

### All RIAs and IAs, including Flagships

#### a) Climate change mitigation:

- i. will not impact 'Land with high carbon stock'
- ii. will have low/zero ILUC risk and promote carbon sequestration, when applicable
- iii. will aim at reducing GHG emissions from the extraction and/or cultivation

#### b) Biodiversity protection:

- i. will implement Integrated Pest Management (IPM) for a reduced use of plant protection products and not apply those identified as "candidate for substitution"
- ii. will contribute to biodiversity-friendly sustainable forest management practices, when applicable
- iii. will not have an impact on protected species and habitats
- iv. will not introduce invasive species and/or risky plants
- v. will not impact protected areas (terrestrial or marine) with high biodiversity value, including highly biodiverse grasslands

#### c) Zero pollution ambition (air/water/soil):

- i. will avoid open air burning of stubble/crop residues
- ii. will contribute to the reduction of chemical pesticide and more hazardous pesticides use, when applicable
- iii. will contribute to the reduction of nutrient losses by at least 50% and of the overall use of fertilisers, when applicable

#### d) Water resources protection:

- i. will not deplete surface or groundwater resources beyond replenishment capacities

# Call 2023 specific requirements: environmental performance (1/2)

## Assessment of environmental performance ex-ante

### All RIAs and IAs, including Flagships

Proposals should include as part of the proposal in Part B:

- An **identification of the environmental critical issues** early on and the explanation on how the projects will steer the development process in the right direction.
- An **ex-ante estimation of the environmental sustainability performance (including climate neutrality and zero pollution) and circularity of the proposed processes/products, compared to benchmark(s) selected** by the consortium and described in the proposal. The benchmark(s) should be based on the best performing processes/products and should be duly justified in the proposal. The proposal should demonstrate improvements of environmental performances compared to the selected benchmark(s) and if available provide relevant references and calculations.
- A **preliminary assessment of the carbon removal**(i.e., CCU\* and/or CCS\*) potential, if applicable.

## Call 2023 specific requirements: environmental performance (2/2)

### Assessment of environmental performance ex-post

#### All RIAs and IAs, including Flagships

Proposals should include as part of the project an **ex-post assessment of the environmental sustainability and circularity** of all the products and processes developed and of their improvements **compared with benchmark(s)**.

- **RIAs**: dedicated task to use the early-stage data to assess the potential improvements of the environmental performances of processes/products developed in the project.
- **IAs**: dedicated WP or task to assess ex-post the environmental impacts and circularity of the products or processes developed, using LCA methodologies, as part of the project.
- **Flagships**: dedicated WP or task for full assessment of the environmental impacts and circularity of the developed products or processes, using life-cycle-sustainability assessment (LCSA) methodologies, as part of the project.

The life-cycle assessment (LCA) and life-cycle-sustainability assessment (LCSA) methodologies should be based on widely used standards and certifications, and they should make use of accepted and validated approaches<sup>85</sup>. They should use Commission recommendations and the European norms, technical reports and technical specifications. In particular, LCAs should use the standards developed by CEN/TC 411 for bio-based products

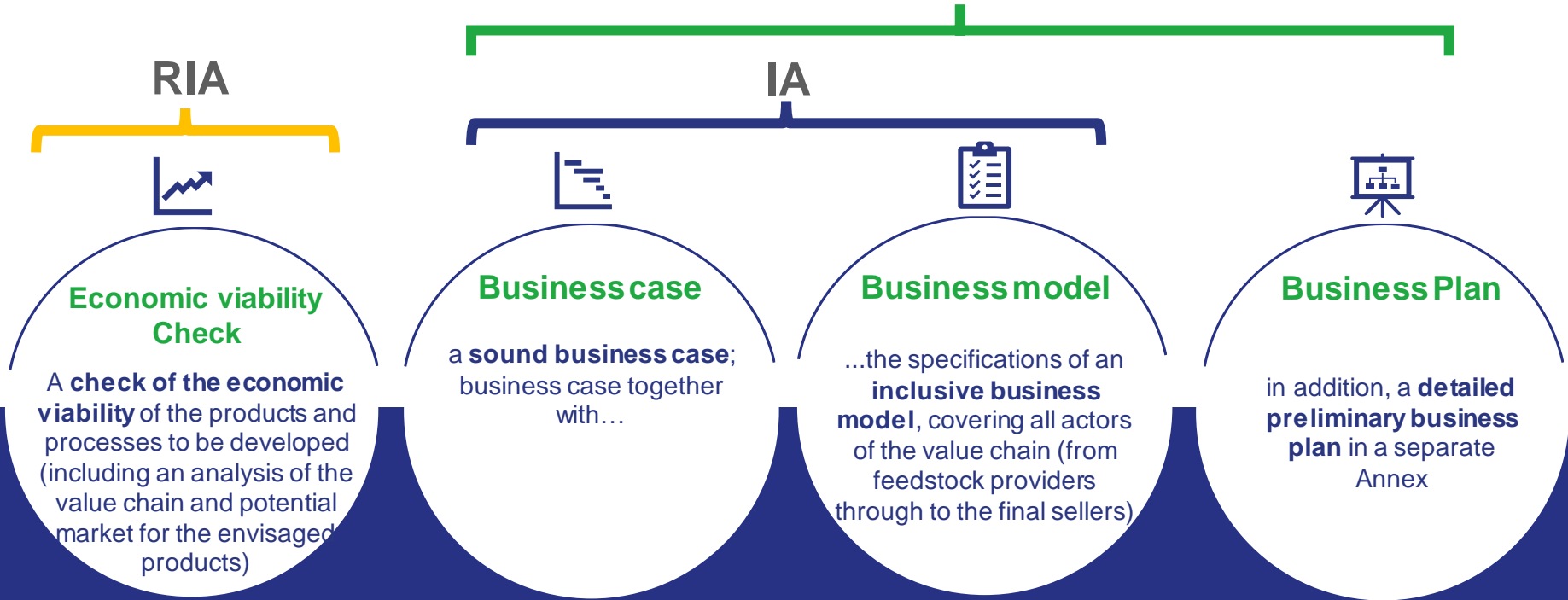
## IAs, including Flagships

Proposals should include **an action in the work plan on opportunities/challenges to be addressed for targeted stakeholders**, including, where possible, national/regional stakeholders, investors and brand owners.

Applicants should include **recommendations on how to improve the implementation and/or overcome hurdles and gaps** of current policies in the concerned fields

# Economic viability check / Business Case, Model and Plan

## IA – Flagship



# Multi-actor approach: who and why



Ensures adequate involvement of all **key actors in the value chains** relevant for the topic and the objective of the proposed project.



Involvement along **the whole project's course**: from project idea, planning to implementation, communication and dissemination of results and to demonstration



**'Co-creation' process**: the practical and local knowledge of key actors are used to develop solutions and create **'co-ownership' of results**



It results in **speeding up the acceptability** and uptake of new products, approaches and solutions developed by project



# Cross-cutting elements (AWP, 2.2.3.2)



Enabling **Digital technologies**

Part B – 1.2  
methodology



**Cross-disciplinary aspects and involvement of Social Sciences and Humanities (SSH)**



Targeted **communication & dissemination** of outputs and learning outcomes

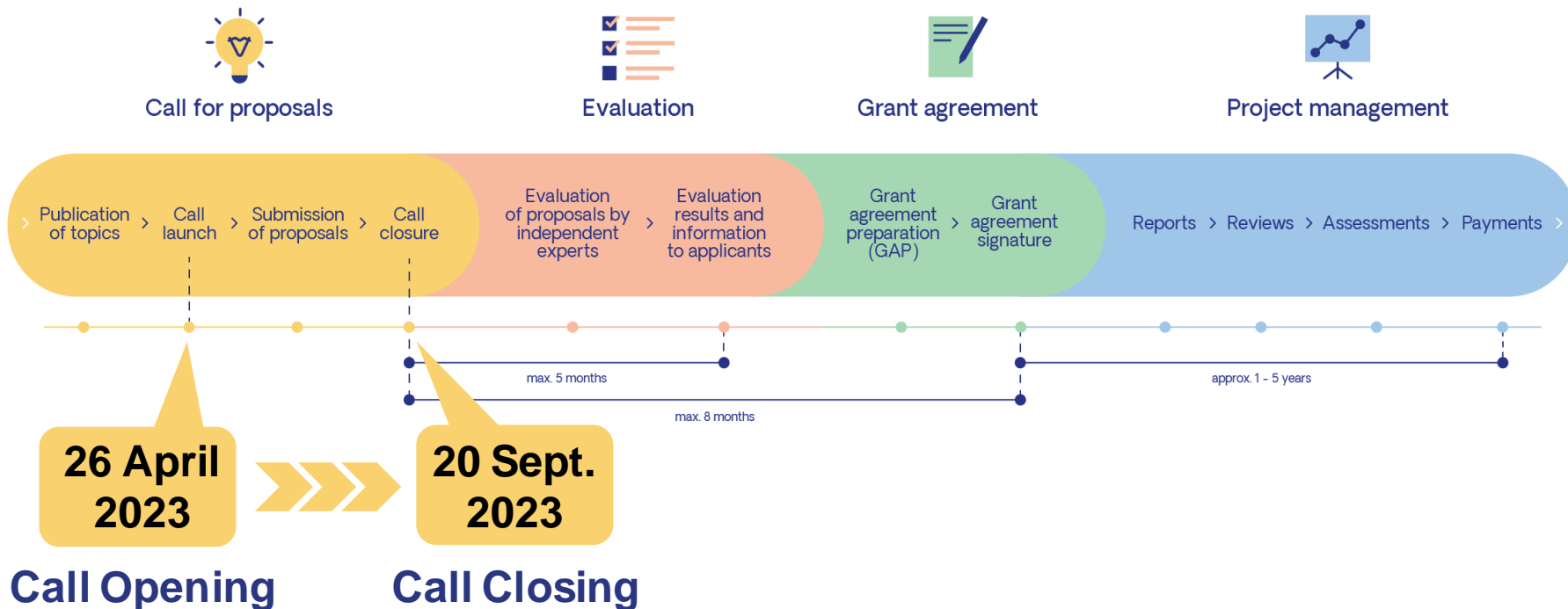
Part B – 2.2  
D&E&C

- Apply and/or adapt **existing/mature or novel digital technologies** provided that they are instrumental to achieving the project's outcomes and scope.
  - ✓ **RIA and IA, incl. Flagships:** chemicals, materials, catalysts and process design & modelling (including bioinformatics); process monitoring and optimization; tracking and tracing; data analytics and data management
  - ✓ **IA, incl. Flagships:** (real-time) process monitoring and optimisation (incl. environmental performance); predictive maintenance and plant engineering.
- Foster **cross-disciplinarity** and consider the social, economic, behavioural, institutional, historical and/or cultural dimensions, as appropriate, of the proposed circular bio-based innovations.
- Ensure that **contributions from the SSH are integrated** at various stages of their proposed project, and the actions required, participants and disciplines involved.
- Consider **public awareness raising, social engagement and social impact** aspects with respect to circular bio-based solutions.
- **Disseminate** the outputs and learning outcomes from the project.
- Incorporate **publications** on data, methodologies, including LCA assessment-related data to peer-reviewed scientific journals and conferences.
- Contribute data and results to the European Commission's **Knowledge Centre for Bioeconomy**.
- Add links with any trusted **repositories** for data, results and methodologies.

# CBE JU Call 2023: Proposal preparation

3

# Proposal preparation



In addition to having an **excellent idea** for a CBE JU project, you'll need to...

Address ALL  
# **topic requirements**  
# **CBE JU specific requirements**

Understand the  
**evaluation criteria**  
(including novelties of  
Horizon Europe)

Be **clear** and  
**convincing!**

# Topic - Proposal - Evaluation

## Topic

Scope

Expected  
outcomes

## Proposal – Part B

### 1. Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

### 2. Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

### 3. Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

## Evaluation



# 1. Excellence



## Proposal – Part B

Excellence

1.1 Objectives and ambition

1.2 Methodology

Impact

2.1 Project's pathways towards impact

2.2 Measures to maximise impact

Implementation

3.1 Work plan and resources

3.2 Capacity of participants and consortium as a whole

Are the **objectives**

- *clear?*
- *pertinent to the topic?*
- *measurable and verifiable?*

**Tip!** Provide quantified targets whenever possible and meaningful.

Is the **state-of-the-art** well presented? Is it clear to what extent the proposal goes **beyond** the state-of-the-art?



Is the proposed work **ambitious** enough to be innovative, but not so ambitious that it is unrealistic?

Is the initial and targeted Technology Readiness Level (**TRL**) properly described and realistically achievable within the proposed project?

**!** The targeted TRL of a topic is required for at least the **core** technology, process or product developed.

# 1. Excellence



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Does the proposal show that the proposed **methodology** is appropriate and effective for achieving the objectives (incl. overcoming challenges)?

**! New!** If **AI**-based systems/techniques are used, is their **robustness** demonstrated?



Does the proposed work comply with the **Do No Significant Harm principle**?



Is the **feedstock** to be used in the scope of CBE JU and in respect food-first & cascading principles?

CBE specific requirement

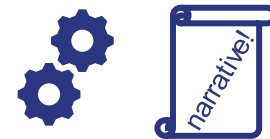
CBE specific requirement

CBE specific requirement

Does the proposal demonstrate improved **environmental performance** of the proposed processes/products? (sustainability, circularity and, if applicable, carbon removal)



# 1. Excellence



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole


Are **relevant initiatives** identified (incl. BBI/CBE projects) and, when meaningful, appropriate interactions considered?

**IOIO**  
**IOIO** Are relevant **digital technologies** used?

Are relevant **interdisciplinary approaches** taken?

Are social, economic, behavioural, institutional, historical and/or cultural dimensions of the proposed innovations considered, e. g. via contributions from **Social Sciences and Humanities**?

*(only for IA incl. Flagship topics and selected RIA and CSA topics)*

 Does the proposal describe how key actors will be involved via the so-called **multi-actor approach**?

In case of R&I activities with a relevant **gender dimension**: has it been considered in the proposal?



CBE cross-cutting element

CBE cross-cutting element

CBE specific requirement



# 1. Excellence



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology


Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Does the proposal demonstrate **open science** practices?


 In HE, 'open science' is more than 'open access': It is an approach to science based on open, cooperative work and sharing of knowledge and tools as early and widely as possible.

*(only for IA incl. IA-Flagship topics)*

Does the proposal's open science strategy include the **publication of LC(S)A output**?



Does the proposal provide details on **data management** in line with the FAIR principles (Findable, Accessible, Interoperable, Reusable)?

 In the grant, there will be mandatory deliverables "Data Management Plan".



CBE specific  
requirement

## 2. Impact



### Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Is it clear which **unique contributions** would be made to:

- the **outcomes** specified in the topic text?
  - ✓ scientific
  - ✓ economic / technological
  - ✓ societal
- the wider **impacts** beyond the immediate scope and duration of the project? (longer term)

Is it clear which **target groups** will benefit?

Have the **scale** and **significance** of the contribution been indicated?

**Tip!** Provide quantified estimates whenever possible and meaningful.

Have relevant **requirements** and potential **barriers** to outcome and impact been determined?

Have appropriate **mitigating measures**, within or beyond the project, been described?

**⚠** ≠ *management risks (3.1 Work plan and resources)*

## 2. Impact



### Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

⚠ First version of the Dissemination, Exploitation and Communication plan = **admissibility criterion**  
(In the grant, there will be mandatory D&E&C deliverables.)



Is the plan to **disseminate** results to audiences who might use the results appropriate?

**Tip!** Provide quantified targets whenever possible and meaningful.

Are actions included to **communicate** project activities and results to multiple audiences (beyond project's community)?

⚠ Targeted D&C: Increasing awareness of potential benefits of bio-based solutions.

CBE cross-cutting element

Is the strategy to **exploit** the project's results appropriate? (incl. management of IPR)

⚠ Describe the main background IPR needed to carry out the project.

## 2. Impact

CBE specific requirement



### Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

*(for RIA topics)*

Is an assessment of the **economic viability** of the products and processes to be developed included?



*(for IA topics)*

Is a **business case** presented? Does it specify an inclusive **business model** that covers all actors of the value chain?

*+ (only for IA Flagship topics)*

Is a detailed preliminary **business plan** included as separate annex?

**Tip!** Provide quantified measures, targets whenever possible and meaningful.

## 2. Impact



### Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact
- + 2.3 Summary

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Specific needs	Expected results	D&E&C measures
What are the specific needs that triggered this project?	What do you expect to generate by the end of the project?	What dissemination, exploitation and communication measures will you apply to the results?

Target groups	Outcomes	Impacts
Who will use or further up-take the results of the project? Who will benefit from the results of the project?	What change do you expect to see after successful dissemination and exploitation of project results to the target group(s)?	What are the expected wider scientific, economic and societal effects of the project contributing to the expected impacts outlined in the respective destination in the work programme?

# 3. Implementation



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Does the **work plan** have a good and clear structure?



Have the different **work packages** (WP) been scheduled and linked appropriately?  
Are their inter-dependencies clear?

Are **milestones** and **deliverables** well defined and appropriately timed?

Are the WPs and associated tasks **sufficiently described** to provide a good understanding of the work involved and justify the proposed resources to be allocated?

- Table 3.1a List of work packages
- Table 3.1b Work package descriptions
- Table 3.1c List of deliverables
- Table 3.1d List of milestones
- Table 3.1e Critical risks for implementation
- Table 3.1f-j Staff effort, Different costs, Contributions

# 3. Implementation



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Are the described organisational **structure** and decision-making **mechanisms** appropriate to the scale and complexity of the project?



Are the **management procedures**, including quality management and conflict resolution, appropriate to the scale and complexity of the project?

Are critical **internal and external risks** related to project implementation described with appropriate mitigation measures and severity/probability estimates?



- Table 3.1a List of work packages
- Table 3.1b Work package descriptions
- Table 3.1c List of deliverables
- Table 3.1d List of milestones
- Table 3.1e **Critical risks for implementation**
- Table 3.1f-j Staff effort, Different costs, Contributions

# 3. Implementation



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Is an **ex-post assessment** of environmental sustainability and circularity planned, incl. improvements compared with benchmark(s), of all the developed products/processes?

*(for RIA topics)* **Task** to use **early-stage data** to assess improvement of environmental performance

*(for IA topics)* **WP** or **task** to assess environmental impacts and circularity using:

- *(IA)* life-cycle assessment (**LCA**) methodologies
- *(IA-Flagship)* life-cycle-sustainability assessment (**LCSA**) methodologies?

⚠ LCA and LCSA methodologies should be based on widely used **standards** and certifications and use accepted and validated approaches.

⚠ Open science: **Publication** of LC(S)A output is important!

CBE specific requirement

CBE specific requirement

CBE specific requirement



# 3. Implementation



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Does the work plan include an action to develop **recommendations to targeted stakeholders**, such as:

- *policymakers*
- *national/regional stakeholders*
- *investors*
- *brand owners ...*

CBE specific  
requirement



# 3. Implementation



## Proposal – Part B

Excellence

- 1.1 Objectives and ambition
- 1.2 Methodology

Impact

- 2.1 Project's pathways towards impact
- 2.2 Measures to maximise impact

Implementation

- 3.1 Work plan and resources
- 3.2 Capacity of participants and consortium as a whole

Does the consortium bring together the necessary **expertise** for the project?

Has the **complementarity** of the participants been convincingly described?

Does **each partner** have a valid role and adequate resources (both effort and budget) to fulfil that role?

**⚠** If a participant requesting funding is based in a **third country** not eligible for funding: Is clearly explained why participation by this entity is essential to carry out the project?

# Build a strong consortium

Map elements of Topic (Scope) and Part B (Excellence) to individual partners in the consortium.

- Are there any **competence** gaps in the consortium?

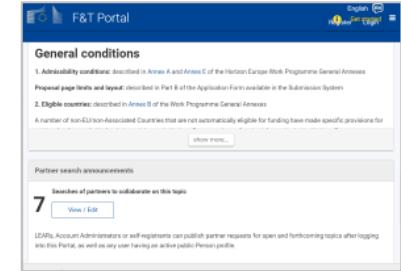


Use the **networking opportunities** offered by the Funding & Tenders Opportunities Portal, CBE JU and BIC

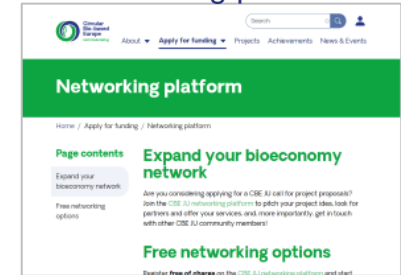
During proposal writing:

- Significant level of upfront **commitment** from all partners is crucial, as costs are not eligible before project start.
- High level of **confidence** between partners is key.
- Talk early about handling of **IPR** – these will need to be confirmed formally in the Consortium Agreement before signature of the Grant Agreement.

[ec.europa.eu/info/funding-tenders/opportunities/portal](https://ec.europa.eu/info/funding-tenders/opportunities/portal)



[cbe.europa.eu/networking-platform](https://cbe.europa.eu/networking-platform)



[biconsortium.eu](https://biconsortium.eu)



# A good and convincing CBE JU proposal



Ensure that the proposed work is within the **scope of the topic**



Demonstrate that the idea is **ambitious** and goes beyond the **state of the art**



Your **methodology** must take into account open science practices and interdisciplinarity (+ gender dimension, if applicable)



Show clearly how the proposed work could contribute to the **outcomes and impacts** described in the work programme (the pathway to impact)



Describe the planned measures to **maximise the impact** of the project ('plan for dissemination & exploitation including communication activities')



Demonstrate the quality of the **implementation**, including work plan, resources and participants

Read carefully the **AWP2023** and the **Strategic Research and Innovation Agenda (SRIA)**, for a good understanding of the context and long-term objectives of CBE JU !!!

# Two main sources of information

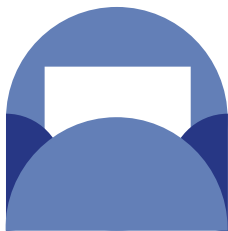
The screenshot shows the 'F&T Portal Online Manual' website. The header is dark blue with the European Union flag and the text 'F&T Portal Online Manual'. A left sidebar contains a navigation menu with items like 'Participant Register', 'Grants', 'Procurement', 'Prizes', 'Financial Instruments', 'Working as an expert', and 'Help'. The main content area is white and features a 'My Area — User account and roles' button. Below this, there is a 'Grants' section with a sub-section 'Applying for funding' containing a flowchart with steps: 'Find a call', 'Find partners', 'Register an organisation', and 'Submit a proposal'. Another sub-section 'Evaluation & Grant signature' contains a flowchart with steps: 'Admissibility and eligibility check', 'Evaluation of proposals', 'Grant preparation', and 'Grant signature'.

<https://webgate.ec.europa.eu/funding-tenders-opportunities/display/OM/Online+Manual>

The screenshot shows the 'Circular Bio-based Europe' website. The header includes the logo, a search bar, and navigation links for 'About', 'Apply for funding', 'Projects', 'Achievements', and 'News & Events'. A large green banner advertises the 'CBE JU photo competition 2023 for submission #CBEImpact', with a deadline of '20 April'. A dropdown menu is open under 'Apply for funding', listing options: 'Open calls for proposals', 'How to apply for funding', 'Closed calls for proposals', 'Manage your project', and 'Networking platform'. The 'Open calls for proposals' option is highlighted with a red box. A circular image of a camera is visible on the right side of the banner.

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

## More information



**Subscribe to  
CBE JU  
newsletter**



[cbe.europa.eu](https://cbe.europa.eu)



**Become a BIC  
Member**



[biconsortium.eu](https://biconsortium.eu)



**Horizon Europe  
Funding and  
Tender portal**



[europa.eu/!jH76RF](https://europa.eu/!jH76RF)

# Do you want to be an expert evaluator?



CBE JU (and the whole EU research family) are always looking for **new, competent experts** in diverse fields

To be considered for the Call 2023 evaluations, please:

- Create or update your **expert profile** via <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>
- **E-mail** [experts@cbe.europa.eu](mailto:experts@cbe.europa.eu) ideally by 8 May 2023, mentioning your expert profile number (format EX20XX1234567)



**Circular  
Bio-based  
Europe**  
Joint Undertaking

Contact us

[info@cbe.europa.eu](mailto:info@cbe.europa.eu)  
[www.cbe.europa.eu](http://www.cbe.europa.eu)

Follow us



Subscribe



 Bio-based Industries  
Consortium



Co-funded by  
the European Union