



**Circular  
Bio-based  
Europe**  
Joint Undertaking

# From BBI JU to CBE JU (Call 2022): similarities & differences

Dieter BRIGITTA

Call Coordinator

German info day, 6 July 2022



# Table of contents

- From BBI JU to CBE JU
- CBE JU Call 2022:
  - Priorities
  - Novelty
- Where to find more information

From BBI JU to CBE JU

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# BBI JU key figures Call 2014-20



142 projects



1055 beneficiaries

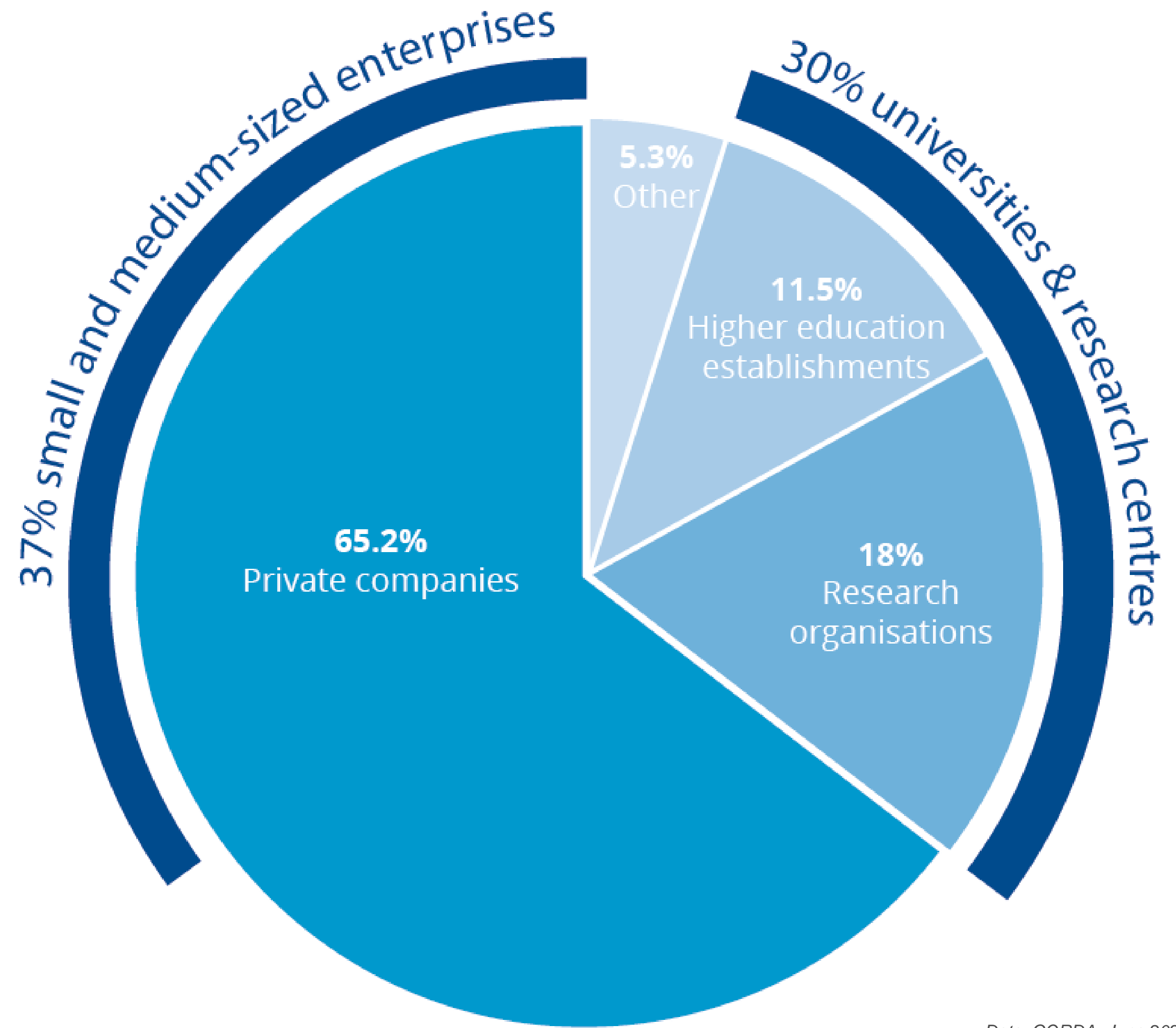


€822 million BBI JU funding



39 countries

BBI JU funding per type of beneficiary



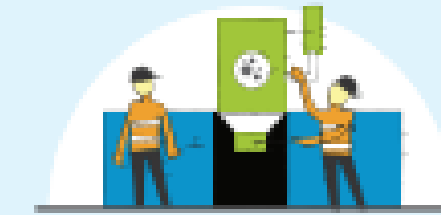


# GERMANY – Deutschland

Germany has set the course for the bioeconomy at an early stage and is among the world bioeconomy leaders. The success of research centres and universities to attract BBI JU funding shows Germany's central role in European research and innovation. SMEs have also successfully obtained funds, setting the foundations for competitive and sustainable bio-based industries.



**€160.1 billion**  
turnover in the  
bio-based industries (2017)



**± 495 000**  
people working in the  
bio-based industries (2017)

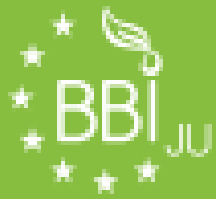


Bio-based Industries  
Joint Undertaking

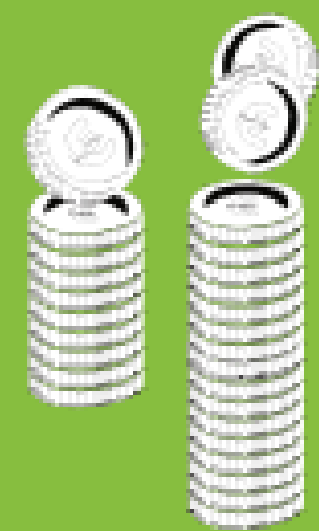
[www.bbi.europa.eu](http://www.bbi.europa.eu)

**€75.8 million**

BBI JU contribution



**29%**  
of the country  
funding goes  
to SMEs

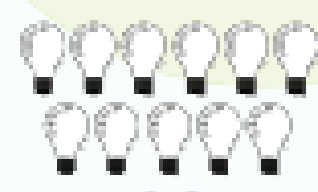


**50%**  
of the country  
funding goes  
to universities  
and research  
centres

**105 projects**

[europa.eu/!MY33uw](http://europa.eu/!MY33uw)

of which



**11**  
coordinated  
projects

**34**

Universities  
& research  
centres

**113**

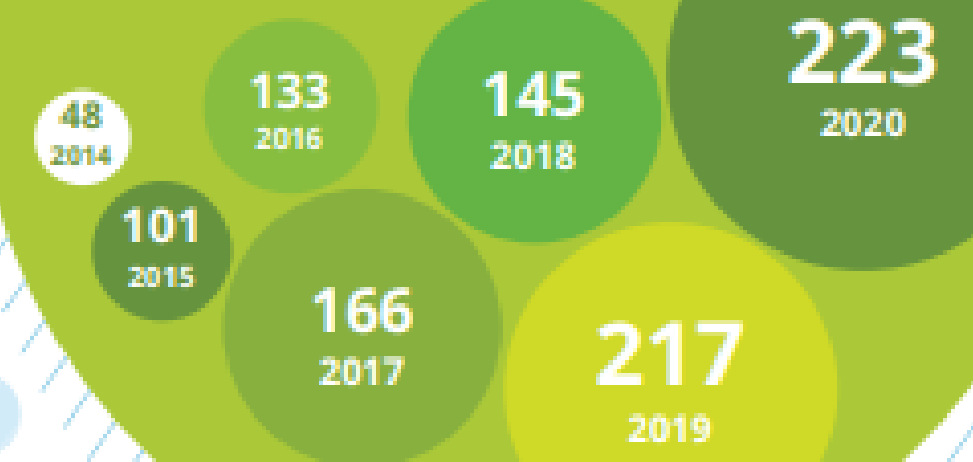
Unique beneficiaries

**9**  
Other

**70**  
Private companies

**48**  
of which are  
SMEs

Applicants per call  
for proposals



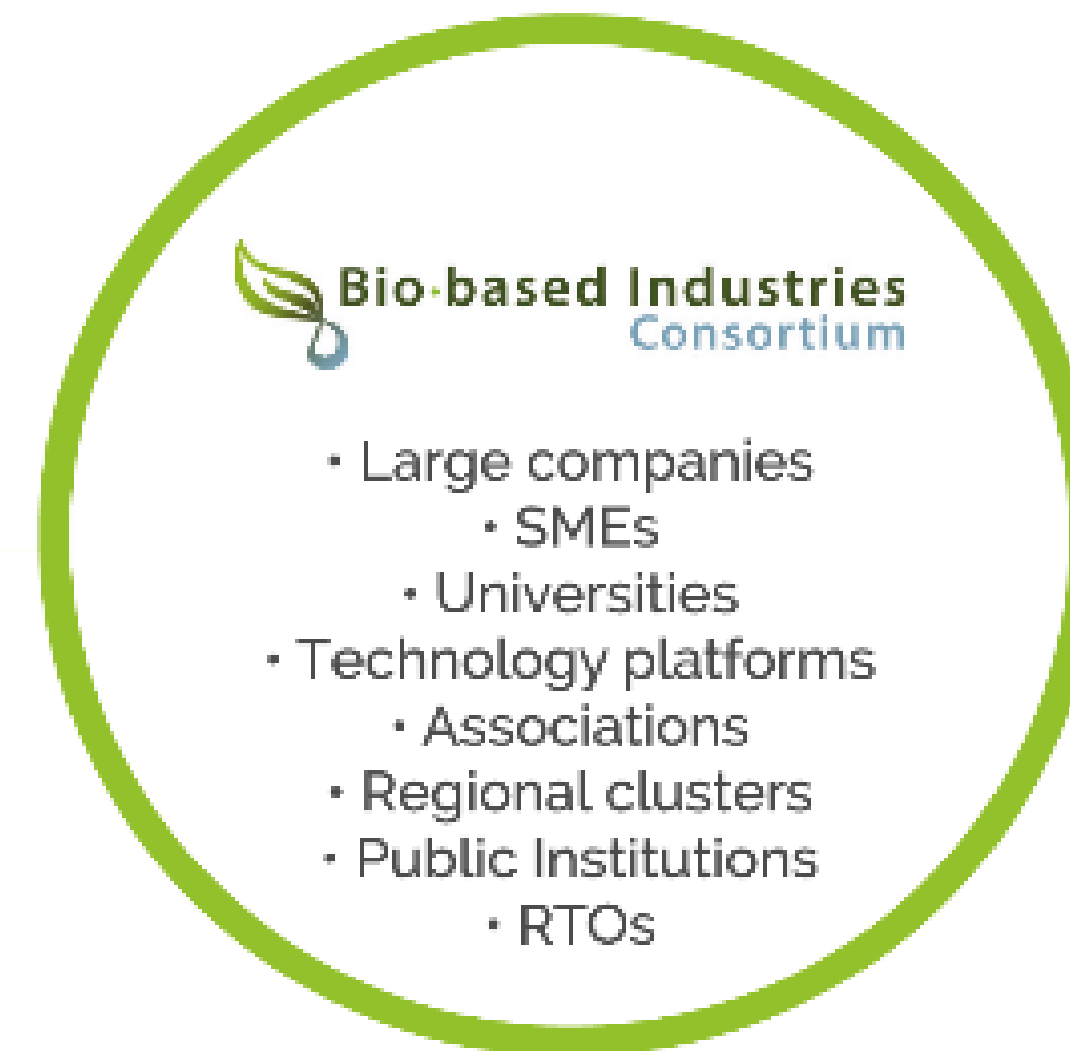
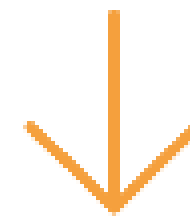
Universities and  
research centres  
attract half of the  
funding

Germany has the  
second highest number  
of beneficiaries in  
BBI JU-funded  
projects

Germany is involved  
in almost 3/4 of  
BBI JU projects



# From BBI JU to CBE JU



... will contribute significantly to the **2030 climate targets**, paving the way for climate neutrality by 2050



... will increase the **sustainability and circularity** of production and consumption systems

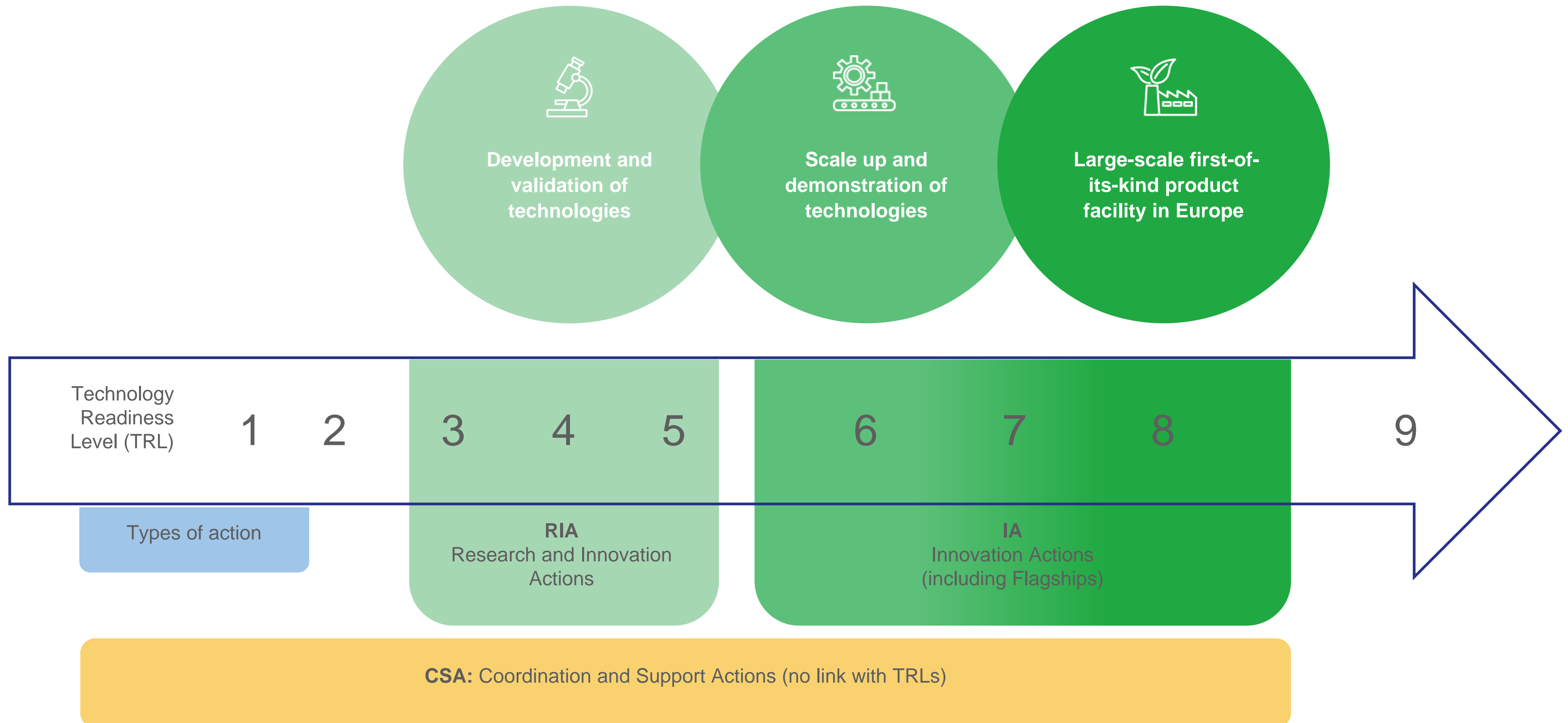


... will aim to develop and expand the **sustainable sourcing and conversion of biomass** into bio-based products



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

# Types of Actions and TRLs



# CBE JU Call 2022 – priorities & novelties

2

# Topics

Indicative budget (million EUR)

## Innovation actions

HORIZON-JU-CBE-2022-IA-01	Biogenic carbon capture and use (CCU) for circular bio-based products	10
HORIZON-JU-CBE-2022-IA-02	Cooperative business models for sustainable mobilisation and valorisation of agricultural residues, by-products, and waste in rural areas	10
HORIZON-JU-CBE-2022-IA-03	Cost-effective production routes towards bio-based alternatives to fossil-based chemical building blocks	12
HORIZON-JU-CBE-2022-IA-04	Co-processing of mixed bio-based waste streams	12

## Innovation actions – flagship

HORIZON-JU-CBE-2022-IAFlag-01	Maximum valorisation of sustainably sourced bio-based feedstock in multi-product, zero-waste, zero-pollution biorefinery	14
HORIZON-JU-CBE-2022-IAFlag-02	Alternative sources for high added value food and/or feed ingredients	14

## Research and innovation actions

HORIZON-JU-CBE-2022-R-01	High performance bio-based polymers for market applications with stringent requirements	9
HORIZON-JU-CBE-2022-R-02	Bio-based coatings, barriers, binders, and adhesives	9
HORIZON-JU-CBE-2022-R-03	Circular-by-design bio-based materials to improve the circularity of complex structures	9
HORIZON-JU-CBE-2022-R-04	Proteins from alternative and unconventional sources	9
HORIZON-JU-CBE-2022-R-05	Sustainable fibres biorefineries feedstock	9

## Coordination and support actions

HORIZON-JU-CBE-2022-S-01	Developing and validating monitoring systems of environmental sustainability and circularity: collection of best practices and benchmarks	3
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**Total** **120**

# Topic text structure

<b><i>Type of Action</i></b>	Innovation Actions, including Flagship Research and Innovation Actions Coordination and Support Actions
<b><i>Indicative budget</i></b>	The total indicative budget for the topic is EUR XX million
<b><i>Expected EU contribution per project</i></b>	It is estimated that a contribution of EUR XX million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<b><i>TRL</i></b>	TRL XX at the end of the project.
<b><i>Link to CBE JU Specific Objectives</i></b>	This topic contributes to the CBE JU specific objective XX
<b><i>Link to CBE JU SRIA2030</i></b>	Strategic priority XX
<b><i>CBE JU KPIs</i></b>	Please refer to the KPIs table 3

- **Expected outcomes**
- **Scope**

# CBE JU additional requirements

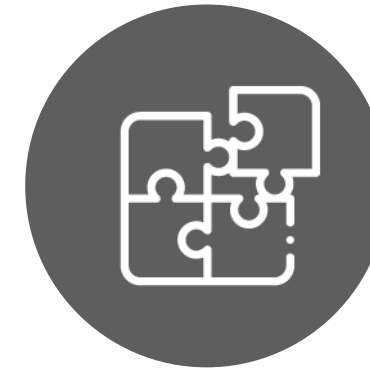
Additional requirement	Type of action	Where to include it in Part B
Complementarity and synergies with other projects	All	1.1 Objectives and ambition
Feedstock sourcing (eligibility)	RIAs and IAs, including Flagships	Structured question/declaration(Y/N) in the introduction
Feedstock: under scope, cascading and food-first	RIAs and IAs, including Flagships	1.2 Methodology
Feedstock: Environmental requirements (a,b,c,d)	RIAs and IAs, including Flagships	Structured question/declaration (Y/N) in the introduction
DNSH principle	RIAs and IAs, including Flagships	1.2. Methodology
Ex-ante assessment: <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>	RIAs and IAs, including Flagships	1.2. Methodology
Ex-post Assessment of environmental sustainability and circularity <ul style="list-style-type: none"> <li>• Dedicated task</li> <li>• Dedicated WP</li> </ul>	RIA IAs, including Flagships	3.1 Work plan and resources
Economic viability Business case Business plan	RIA IAs, including Flagships Flagships	2.1 Project's pathways towards impact Annex (Business plan for flagships)
Multi-actor approach	All IAs, including Flagships RIAs when specified	1.2 Methodology

# New features in Horizon Europe proposal template



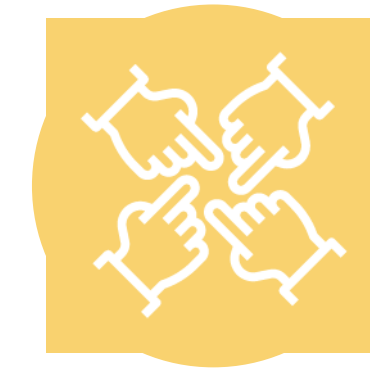
## NEW FIELDS IN PART A

- Researchers table – needed to follow up researchers careers (HE indicator)
- Role of participating organisation
- Self-declaration on **gender equality plan**



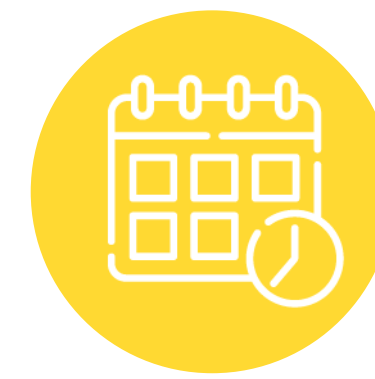
## FIELDS MOVED FROM PART B TO PART A

- Ethics self-assessment
- Information on participants' previous activities related to the call



## NEW IN PART B

- Explanations on what exactly should be included in each section.
- **Specific CBE questions (More info: cf. the Additional Requirements section of the AWP 2022).**
- **Annex for IAs: IKAA + Declaration of BIC membership (linked to 'IKOP' evaluation subcriterion) + business plan (Flagships only)**
- **Annex: description conditions for the financial support to third parties (CSA)**



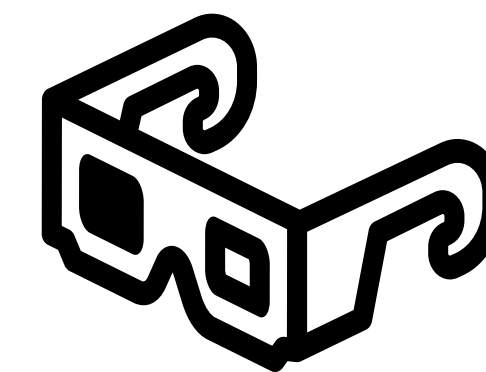
# Admissibility

## Same general admissibility conditions

- Applications must be submitted **before the call deadline, electronically** via the Funding & Tenders Portal
- Applications must be **complete, readable, accessible and printable**, and include a **plan for the exploitation and dissemination of results**, unless provided otherwise in the specific call conditions.

## **ATTENTION !!** Proposal page limit for part B

- IAs: limit is **70 pages (CBE Derogation from Horizon Europe)**
- RIAs : limit for a full application is **45 pages**
- CSAs: limit is **30 pages**





# Eligibility

## Consortium composition (collaborative projects)

- at least **one independent legal entity** established in a **Member State**, and
- at least **two other independent legal entities** each established either in a **different Member State** or an **Associated Country**.

### EU COUNTRIES

- Member States (MS) including their outermost regions
- The Overseas Countries and Territories (OCTs) linked to the MS.

### NON-EU COUNTRIES

- Countries associated to Horizon Europe (AC)
- Low and middle income countries: See [HE Programme Guide](#).
- Other countries when announced in the call or exceptionally if their participation is essential

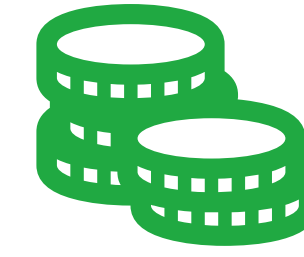
### SPECIFIC CASES

- Affiliated entities established in countries eligible for funding.
- EU bodies
- International organisations (IO)
  - International European research organisations are eligible for funding.
  - Other IO are not eligible (only exceptionally if participation is essential)
  - IO in a MS or AC are eligible for funding for Training and mobility actions and when announced in the call conditions



# Scoring thresholds

Criteria	Threshold	IAs factor (ranking)
Excellence	3/5	n/a
Impact	4/5	x 1,5
Implementation	3/5	n/a
<b>TOTAL</b>	<b>11/15</b>	n/a



# Funding rate

Type of action	Funding
Research and Innovation Action (RIA)	100%
Innovation Actions, including Flagships (IA)	<b>60%</b> (100% for non-profit entities)
Coordination and Support Actions (CSA)	100%

Where to find more  
information

3

# More information (1/2)

**CBE JU Info Day 2022**

Bio-based industries value chains in the EU  
€700 billion – 3.6 million direct jobs\*  
But remaining challenges and risks

Send your questions via the networking platform

Philippe Mengal  
CBE JU Executive Director

#CBEinfoday

## CBE JU Info Day 2022

1,742 views Streamed live on 7 Jun 2022 Check all the information:  
<https://www.cbe.europa.eu/cbe-ju-info...>

- 0:00 Setting the scene - Philippe Mengal
- 5:26 Building on the achievements of BBI JU - Philippe Mengal
- 21:13 The contribution of CBE JU in achieving a circular bio-based bioeconomy - John Bell
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- 2:03:54 Call management rules & conditions - Marta Campos Iturralde
- 2:22:26 How to write a good proposal - Pilar Llorente Ruiz de Azua
- 2:40:30 Q&A: Information on CBE Call 2022

<https://www.youtube.com/watch?v=CDKKwzVarjo&t=14s>

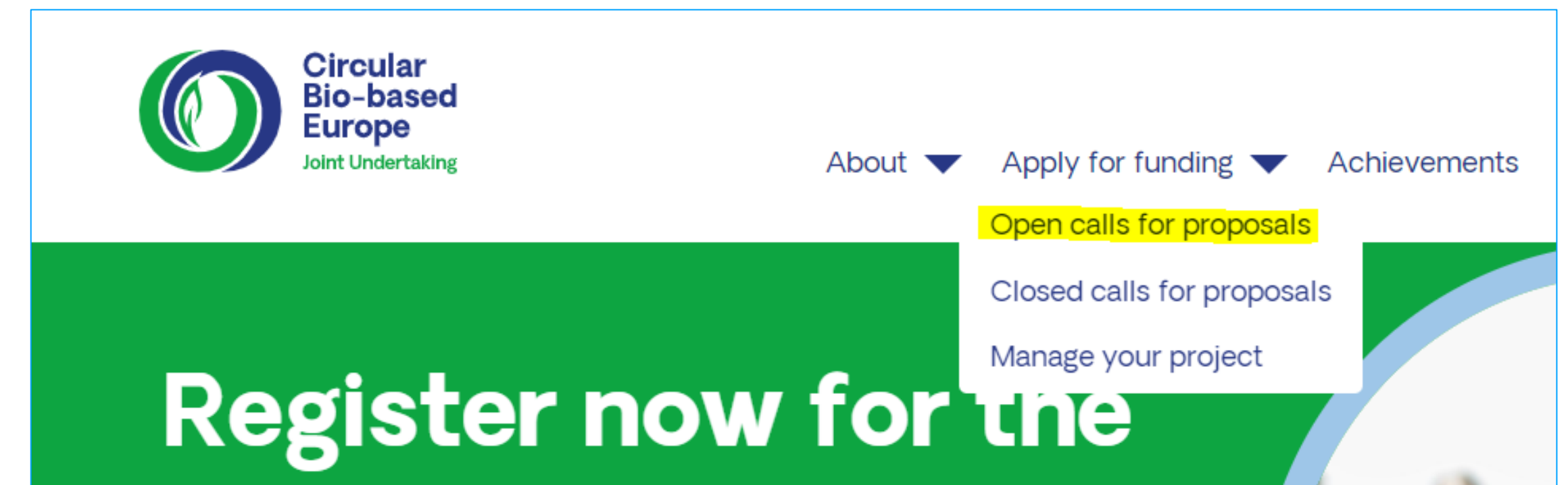
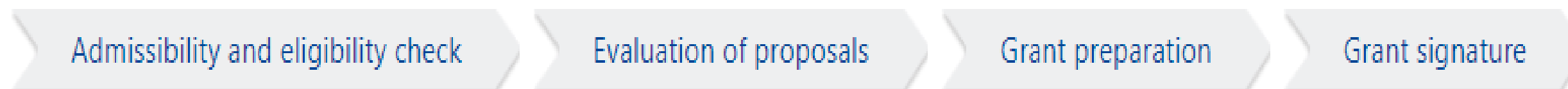
# More information (2/2)



## Applying for funding



## Evaluation & Grant signature



- Annual Work Programme (incl. derogations from 'standard' Horizon Europe practices)
- Other guidance documents, e.g. **FAQ for applicants**

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

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



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# CBE JU Call 2022: application process & how to write a good proposal

Dieter BRIGITTA

Call Coordinator

German info day, 6 July 2022



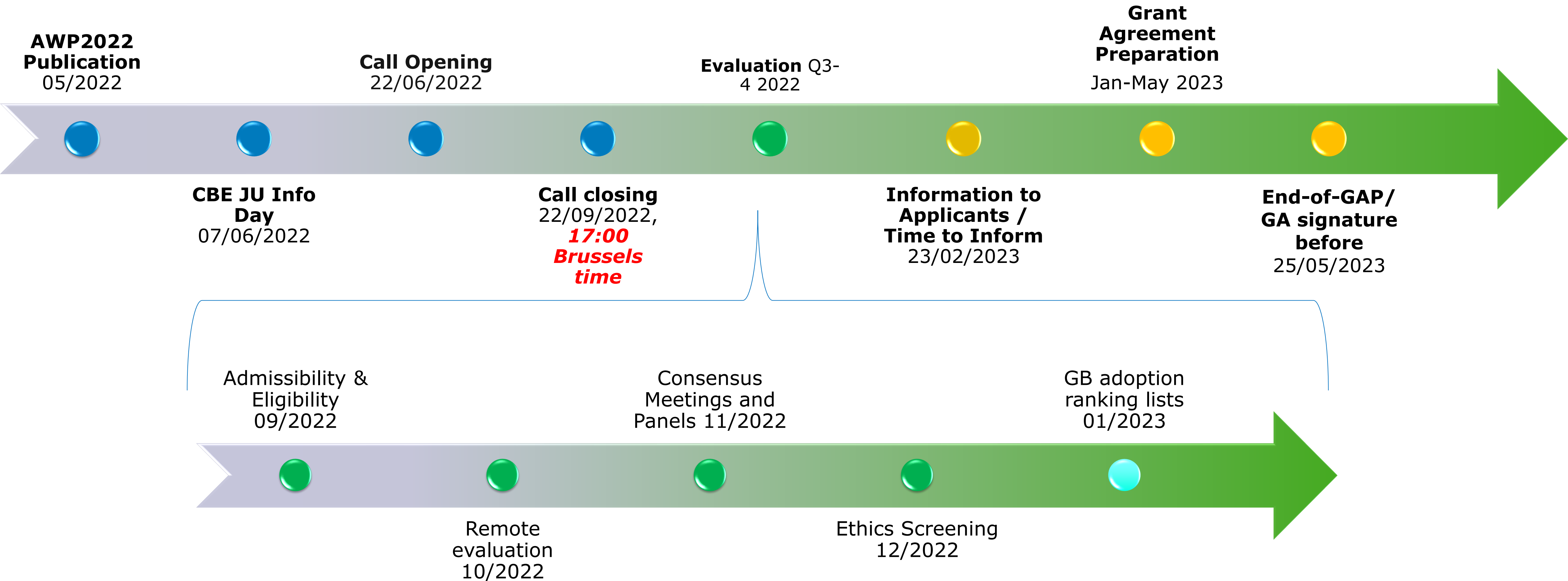
# Table of contents

- Application process
  - From AWP publication to proposal submission
  - Evaluation
  - Grant Agreement Preparation (GAP)
- How write a good proposal
- Where to find more information

# The Call 2022 application process

1

# Call Timeline



**AWP2022  
Publication**  
05/2022

**Call Opening**  
22/06/2022

**Evaluation** Q3-  
4 2022

**Grant  
Agreement  
Preparation**  
Jan-May 2023

**CBE JU Info  
Day**  
07/06/2022

**Call closing**  
22/09/2022,  
**17:00  
Brussels  
time**

**Information to  
Applicants /  
Time to Inform**  
23/02/2023

**End-of-GAP /  
GA signature  
before**  
25/05/2023

Admissibility &  
Eligibility  
09/2022

Consensus  
Meetings and  
Panels 11/2022

GB adoption  
ranking lists  
01/2023

Remote  
evaluation  
10/2022

Ethics Screening  
12/2022

## Proposal submission tips & tricks (1/2)

- **Electronic proposal submission** takes time:
    - Get an EU Login account
    - Get a (draft) PIC number (Participant Identification Code) for **all** participating organisations
    - Launch Submission wizard + pre-register your draft proposal
    - List of participants, contact persons, researchers involved in the proposal,...
    - Fill in Administrative Forms (Part A), incl. organisation descriptions and ethics checklist
    - Prepare and upload Technical Description (Part B)
    - Submit your proposal + receive acknowledgement of receipt
- ***Not just uploading a document and submitting a proposal; plan ahead svp.***

## Proposal submission tips & tricks (2/2)

- **Funding & Tender opportunities Portal** = your 'one stop shop' to:
  - find the CBE JU Call 2022 topics
  - register your consortium's organisation(s)
  - submit your proposal (NO submission via the CBE JU website)
- **Timing**
  - Consult call topics on the CBE JU website (<https://www.cbe.europa.eu/open-calls-proposals>)
  - Call publication (= topics searchable in the Portal) by 22 June 2022
  - Call opening (= proposals can be submitted via Portal) by end of June 2022 (tentative)
  - Call closure (= deadline to submit proposals via the Portal) by 22 September 2022
- **Overwrite function.** You can submit the proposal as many times as you want. Every submitted version will replace the previous one.

# Evaluation tips & tricks

- **One evaluation, 2 sets of expertise**

- Evaluation based on evaluation (sub)criteria mentioned in Annual Work Programme (Excellence, Impact, Implementation)
- Evaluation of ethics issues (part A – section 4 of the proposal)

→ ***Provide enough information in your proposal to answer both sets of questions***

- **Horizon Europe vs. CBE JU specificities**

- Familiarise yourselves with the CBE JU-specific evaluation (sub)criteria and thresholds
- More info: see today's first presentation
  - Eligibility & admissibility criteria
  - 'Additional requirements'

# Grant Agreement Preparation (GAP) tips & tricks

- Only the highest scoring proposals - considering the budget available for each topic - are selected for funding and invited to GAP (= the 'main list').
  - **Expectations management about timing**
    - You'll receive information about the evaluation outcome max. 5 months after call closure (by +- 23 Feb 2023).
    - If GAP is successful: the Grant Agreement (GA) should in principle be signed max. 8 months after call closure (by +- 25 May 2023).

(The closer we get to this deadline, the lower the chance that reserve list proposals will be 'promoted' to the main list)
    - Project start: in principle the earliest on day 1 of the month **after** GA signature, although some flexibility is possible.
- Inform your proposal partners about these timings, and take them into account when writing your proposal (e.g. seasonal aspects related to biomass)**

# How to write a good proposal

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

**Address  
ALL topic  
requirements  
+  
CBE JU additional  
requirements**

**+**

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

**+**

**Be clear and  
convincing!**

# Additional requirements (1/2)

- **Environmental sustainability requirements : as part of the project**
- Proposals should include 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).

<b>RIAs</b>	a dedicated task to use the early stage data <b>to assess the potential improvements of the environmental performances</b> of processes/products developed in the project
<b>IAs</b>	a dedicated work package or task to assess ex-post the environmental impacts and circularity of the products or processes developed, using <b>life-cycle assessment (LCA)</b> methodologies
<b>Flagship</b>	a dedicated work package or task for full assessment of the environmental impacts and circularity of the developed products or processes, using <b>life-cycle-sustainability assessment (LCSA)</b> methodologies

- **All IAs, including Flagship:** should ensure **the publication of the outputs of LCA of environmental impacts** following the principles of open science (FAIR data) and using the possibilities offered by the European Open Science Cloud (EOSC) to store and give access to research data.
- **ATTENTION! LCA** and **LCSA** methodologies should be based on widely used standards and certifications, and they should make use of accepted and validated approaches.

# Additional requirements (2/2)

- **Business cases, Business models and Business plan**

<b>RIAs</b>	Proposals should include a check of the <b>economic viability</b> of the products and processes to be developed (including an analysis of the value chain and potential market for the envisaged products).
<b>IAs, including Flagship</b>	Proposals should be based on a <b>sound business case</b> and should present their business case together with the <b>specifications of an inclusive business model</b> , covering all actors of the value chain (from feedstock providers through to the final sellers).
<b>Flagship</b>	Proposals should include a <b>preliminary business plan</b> in a separate <b>Annex</b> .

**ATTENTION !** Definitions are provided in the AWP2022 Glossary

# Evaluation (award) criteria

Same three award criteria as in H2020

‘**Excellence**’, ‘**Impact**’ and ‘**Quality and efficiency of the implementation**’.

**ATTENTION ! An additional specific CBE Impact sub-criteria for Innovation Actions**

	Excellence	Impact	Quality and efficiency of the implementation
<b>CSA</b>	<ul style="list-style-type: none"> <li>Clarity and pertinence of the project’s objectives.</li> <li>Quality of the proposed coordination and/or support measures, including soundness of methodology.</li> </ul>	<ul style="list-style-type: none"> <li>Credibility of the pathways to achieve the expected outcomes and impacts specified in the work programme, and the likely scale and significance of the contributions from the project.</li> </ul>	<ul style="list-style-type: none"> <li>Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall.</li> </ul>
<b>RIA IA, including Flagships</b>	<ul style="list-style-type: none"> <li>Clarity and pertinence of the project’s objectives, and the extent to which the proposed work is ambitious and goes beyond the state of the art.</li> <li>Soundness of the proposed methodology, including the underlying concepts, models, assumptions, inter-disciplinary approaches, appropriate consideration of the gender dimension in research and innovation content, and the quality of open science practices, including sharing and management of research outputs and engagement of citizens, civil society and end-users where appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities.</li> </ul>	<ul style="list-style-type: none"> <li>Capacity and role of each participant, and the extent to which the consortium as a whole brings together the necessary expertise.</li> </ul>
<b>IA, including Flagships</b>		<ul style="list-style-type: none"> <li><b>- Ability to 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%)</b></li> </ul>	

# Evaluation - Impact criterion

**ATTENTION ! Innovation Actions:** additional CBE JU sub-criteria

*‘Ability to 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%)’*

WHAT IS CONSIDERED IKOP:

- In accordance with the Council Regulation establishing CBE JU, IKOP is defined as **contributions by private members, constituent entities or the affiliated entities of either, by international organisations, consisting of the eligible costs incurred by them in implementing indirect actions minus the contribution of that joint undertaking** to those costs.
- In CBE JU, the only private member is the Bio-based Industries Consortium (BIC). Meaning that the minimum percentage of IKOP needs to be reflected in the budget of **BIC members**, and affiliated entities.
- **IKOP** = total (eligible) costs of BIC members minus total requested funding of BIC members
- Consortium need to include the declaration provided by BIC regarding its membership as an Annex to the proposal.
- BIC has set up an open and fast procedure to become an industry member, either as “full” member, or as temporary “project member” until the evaluation has been performed. This is a fast procedure that will ensure that any application is proceeded in a fast-track manner before the closure of the call. This process is managed by BIC:  
<https://biconsortium.eu/membership>

# Key principles



- 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 **scientific methodology** must take into account interdisciplinary, gender dimension and open science practices



- 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 the **dissemination and exploitation including communication activities**' – ***admissibility condition***)



- Demonstrate the quality of the **work plan, resources and participants**

# Recommendations

- Every word in the topic text and additional requirements counts: **make sure you address clearly all the requirements in the proposal**
- Check the **Glossary** in the AWP2022 for definitions of specific terms used in the topic text
- **Know your “audience”**:
  - you’re not writing for the general public, but for experts evaluators in your field.
  - Ensure that experts can find easily all the necessary information to assess the proposal against the evaluation criteria
- Set **ambitious and credible** targets + **Quantify your objectives**, and provide means for verification
- Set **clear and valid baselines** and references to show the improvement your concept, technology or product is providing in relation to existing alternatives
- Use **appropriate methodologies** and justify your claims
- Read the **Strategic Research and Innovation Agenda (SRIA)** for a good understanding of the context and long-term objectives of CBE JU

Where to find more  
information

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# More information (1/2)

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1:15:33 Q&A: The CBE JU 2022 Work Programme

1:46:24 Call submission & evaluation of proposals - Dieter Brigitta

2:03:54 Call management rules & conditions - Marta Campos Iturrealde

2:22:26 How to write a good proposal - Pilar Llorente Ruiz de Azua

2:40:30 Q&A: Information on CBE Call 2022

<https://www.youtube.com/watch?v=CDKKwzVarjo&t=14s>

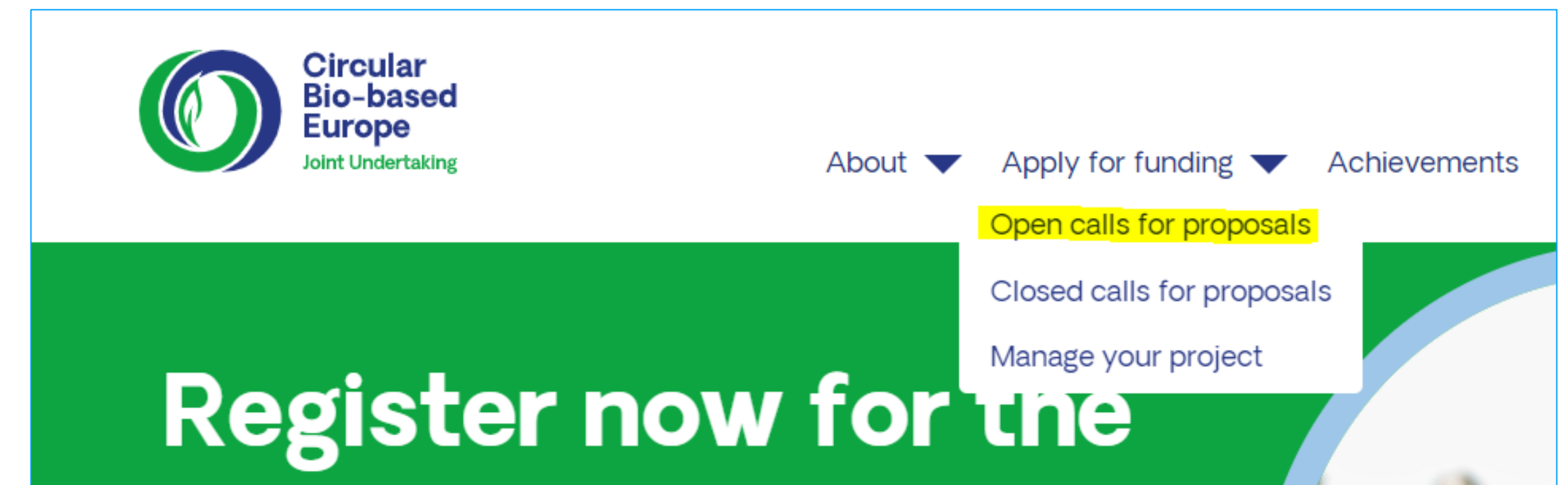
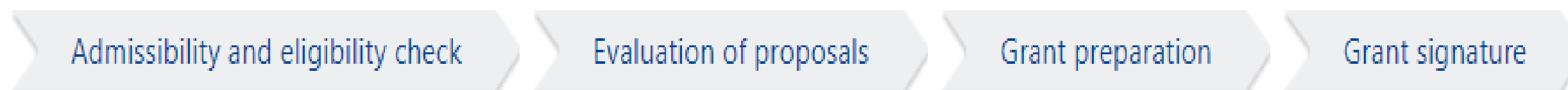
# More information (2/2)



## Applying for funding



## Evaluation & Grant signature



- Annual Work Programme (incl. derogations from 'standard' Horizon Europe practices)
- Other guidance documents, e.g. **FAQ for applicants**

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

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



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