

Oportunidades de la iniciativa europea CBE JU (Circular Bio-based Europe)

Webinar 2 de julio de 10:00h a 11:00h

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**Circular
Bio-based
Europe**
Joint Undertaking

Oportunidades de la iniciativa europea CBE JU (Circular Bio- based Europe)

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Acting Head of Administration
and Finance
1 July 2024



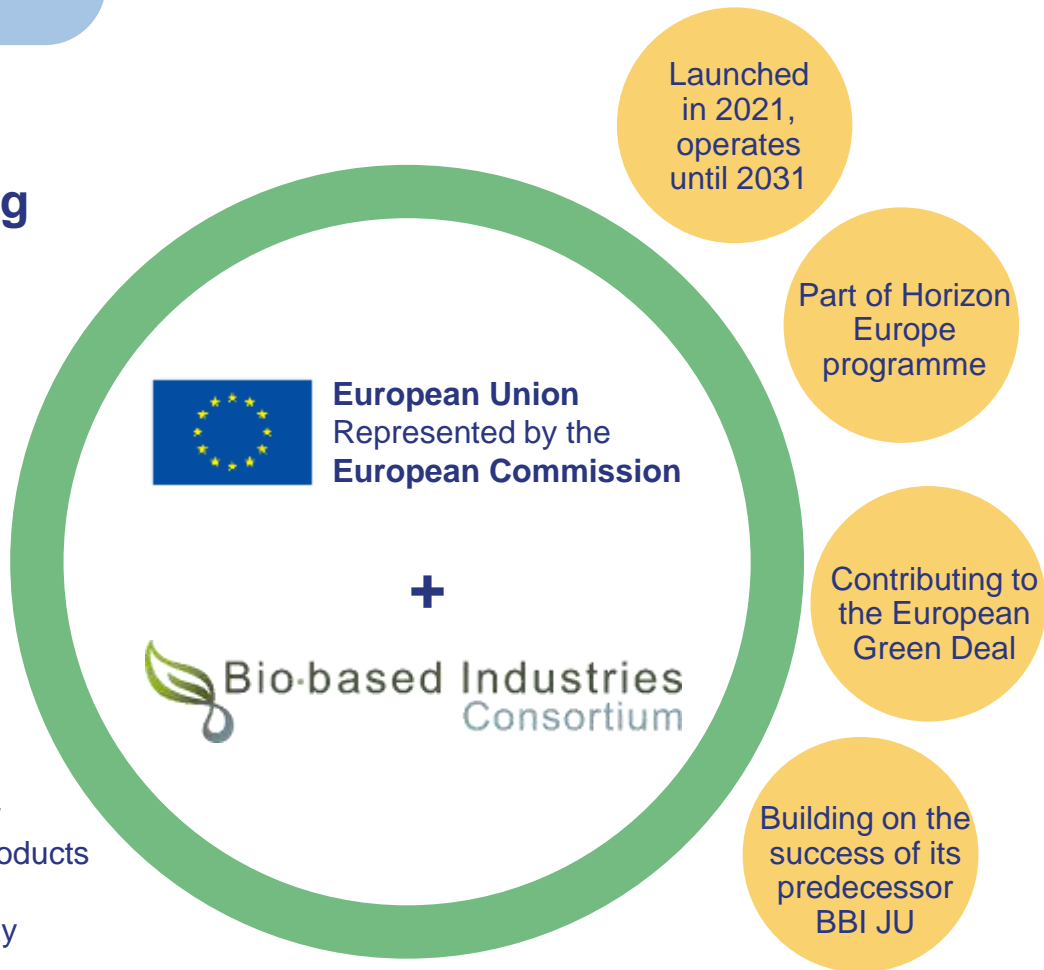
The Circular Bio-based Europe Joint Undertaking

1

Circular Bio-based Europe Joint Undertaking

€2 billion public-private initiative

CBE JU is funding projects that deliver bio-based solutions – materials and products made from waste and biomass – in an innovative, sustainable and circular way



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

CBE JU general objectives



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

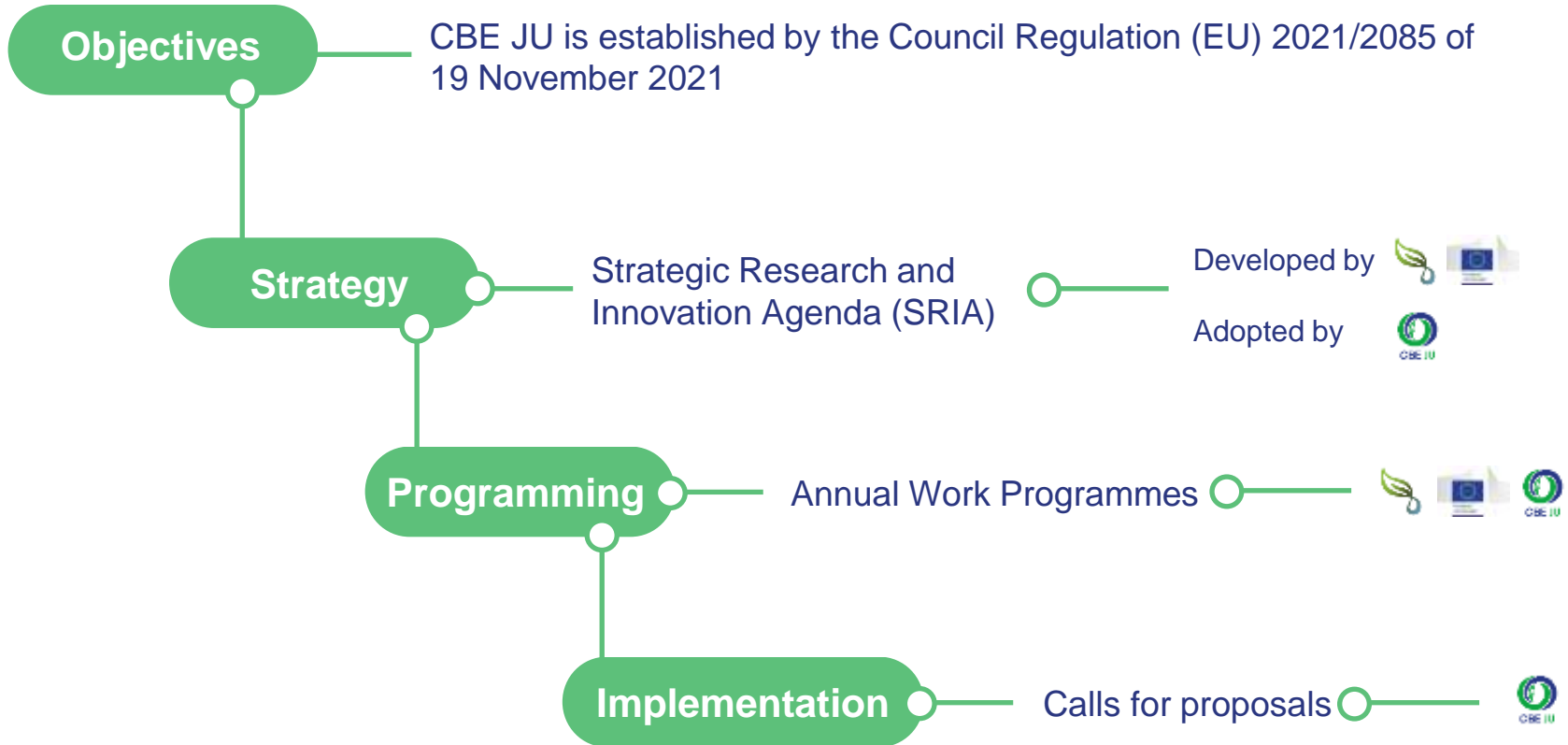


Accelerate **market deployment** of the existing mature bio-based innovative solutions

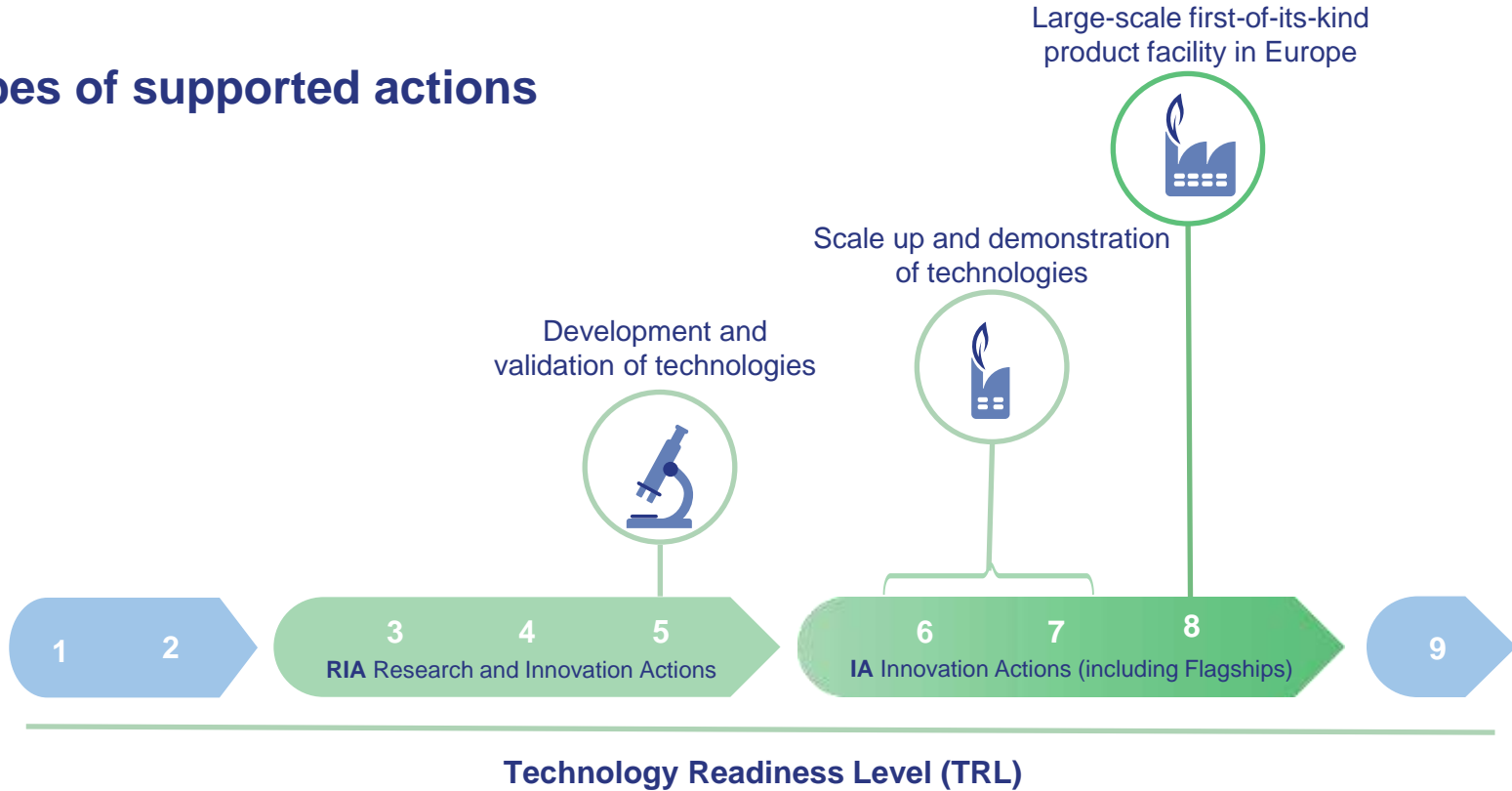


Ensure a high level of **environmental performance** of bio-based industrial systems

From strategy to implementation



Types of supported actions



CBE JU portfolio – building on BBI JU:

2014-2022



163 projects



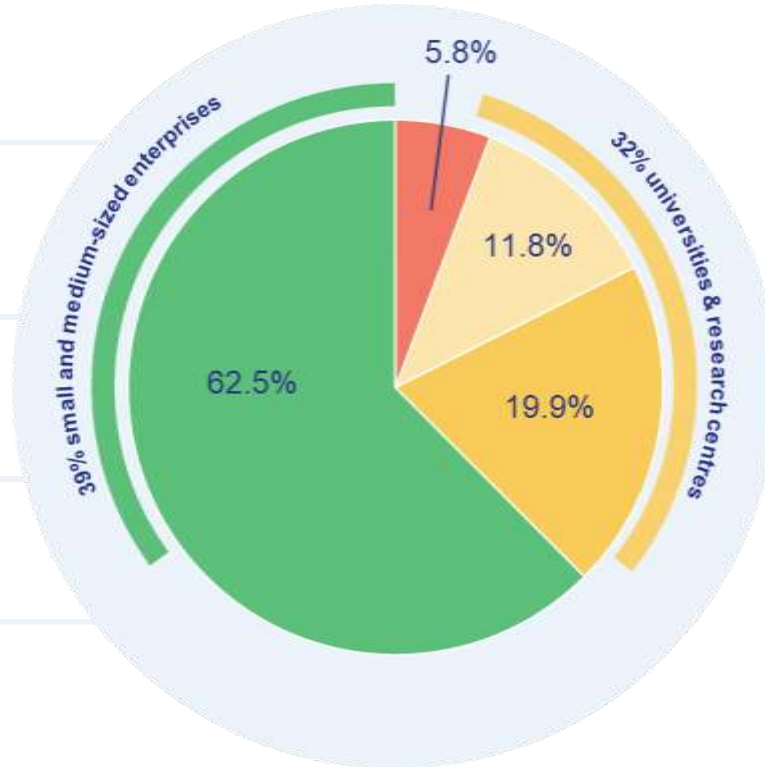
1,198 beneficiaries



€937 million CBE JU funding



39 countries

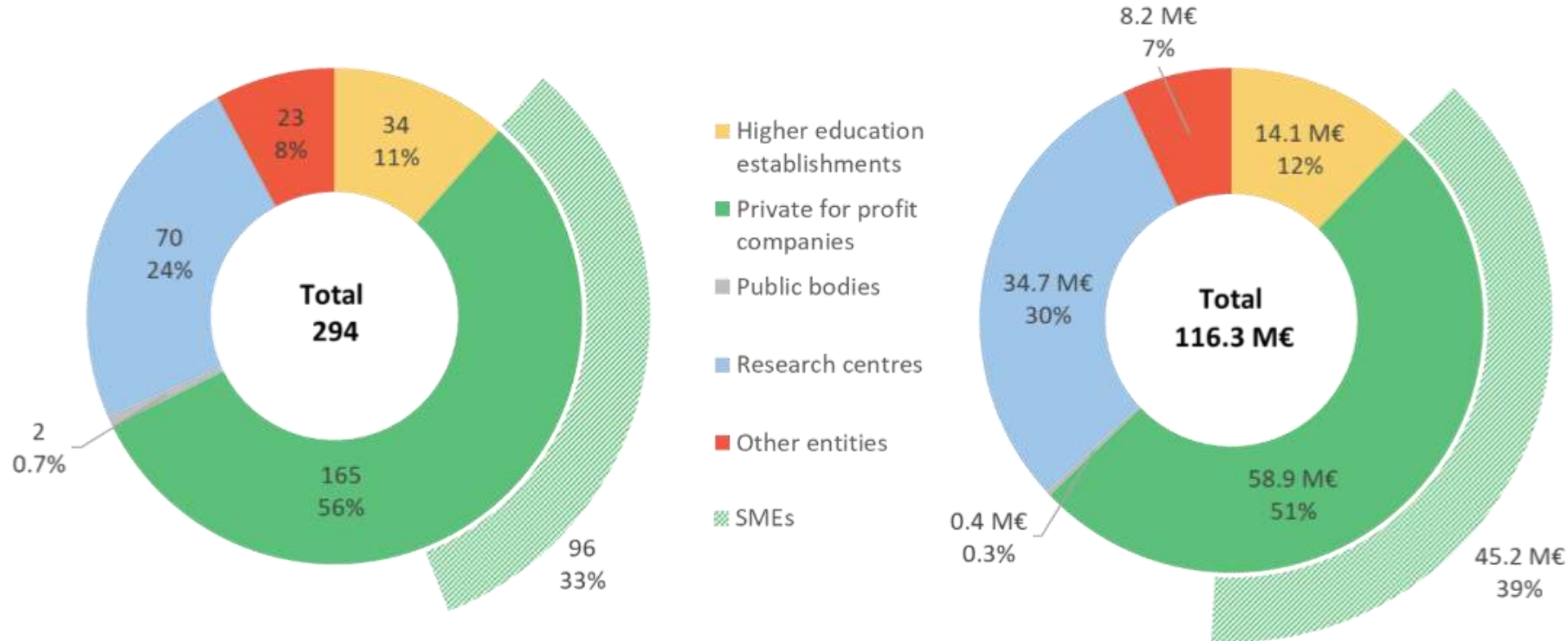


CBE JU funding per type of beneficiary (unique)

- Private companies
- Research organizations
- Higher education establishments
- Other

Data: CORDA, May 2023

CBE JU 2022 call beneficiaries (left), including multiple participations, and requested EU contribution (right) by type of participant and related percentage calculated from the total



CBE JU-funded:



Demonstration plant



Flagship biorefinery



Spain



First-of-its-kind industrial biorefinery

Demonstration plant

Opportunities for the bioeconomy

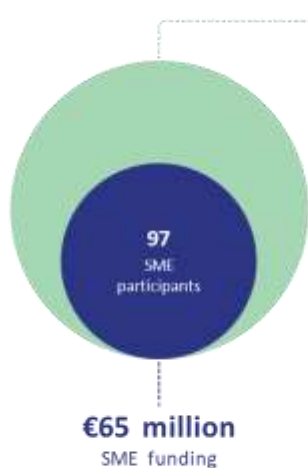
Socio-economic benefits

RURAL DEVELOPMENT

JOB CREATION

INNOVATION

Main resources in CBE JU projects



€149 million CBE JU funding in Spain



CIRCULAR BIOCARBON

Biorefinery location
Zaragoza, Aragon

Company
Urbaser

Resource
Organic fraction of municipal solid waste

Products
Bio-based materials for use in night vision cameras and telecommunication devices, among other applications.

Benefit
These sustainable materials will not only offer cutting-edge technology, but they will also contribute to reducing waste going to landfill and waste incineration.

- Private companies
- Universities & research centres
- Other



Check all the projects in the country

CBE JU Annual Work
Programme: Topics,
timeline & further info

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Call 2024: 18 topics & budget

| Type of action | Topics HORIZON-JU-CBE-2024 | | Million EUR |
|-----------------|----------------------------|--|-------------|
| IA- Flagship | IAFlag-01 | Bio-based value chains for valorisation of sustainable oil crops | 20 |
| | IAFlag-02 | Bio-based dedicated platform chemicals via cost-effective, sustainable and resource-efficient conversion of biomass | 20 |
| | IAFlag-03 | Bio-based value chains for valorisation of sustainable natural fibre feedstock | 20 |
| IA | IA-01 | Bio-based materials and products for biodegradable in soil applications | 15 |
| | IA-02 | Sustainable microalgae as feedstock for innovative, added-value applications | 15 |
| | IA-03 | Enlarging the portfolio of commercially produced “Safe and Sustainable by design” (SSbD) solvents | 15 |
| | IA-04 | Circular and SSbD bio-based construction & building materials with functional properties | 15 |
| | IA-05 | Selective and sustainable (co)-production of lignin-derived aromatics | 15 |
| | IA-06 | Innovative bio-based adhesives and binders for circular products meeting market requirements | 15 |
| | IA-07 | Innovative conversion of biogenic gaseous carbon into bio-based chemicals, ingredients, materials | 15 |
| RIA | R-01 | Valorisation of polluted/contaminated wood from industrial and post-consumer waste streams | 7 |
| | R-02 | Biotech routes to obtain bio-based chemicals/materials replacing animal-derived ones | 7 |
| | R-03 | Sustainable, bio-based alternatives for crop protection | 10 |
| | R-04 | SSbD bio-based coating materials for applications under demanding and/or extreme conditions | 7 |
| | R-05 | Innovative bio-based food/feed ingredients | 7 |
| CSA | S-01 | New forms of cooperation in agriculture and the forest-based sector | 4 |
| | S-02 | Mobilise inclusive participation in bio-based systems and supporting the CBE JU widening strategy and its action plan | 3 |
| | S-03 | Supporting the CBE JU Deployment Group on Primary Producers | 3 |

Call topic structure

HORIZON-JU-CBE-2024-XX-NN Topic title

| | |
|---|--|
| Type of action | Research and Innovation Action |
| Indicative budget | The total indicative budget for the topic is EUR 10 million |
| Expected EU contribution per project | 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 |
| TRL | TRL 4-5 at the end of the project |
| Link to CBE JU Specific Objectives | 1.1: Increase the intensity of cross-disciplinary research and innovation activities |
| Link to CBE JU SRIA Strategic Priorities | 1.1.2: Develop innovative production systems in the bio-based industry 1.1.3: Develop innovative bio-based products |
| CBE JU KPIs | 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 |

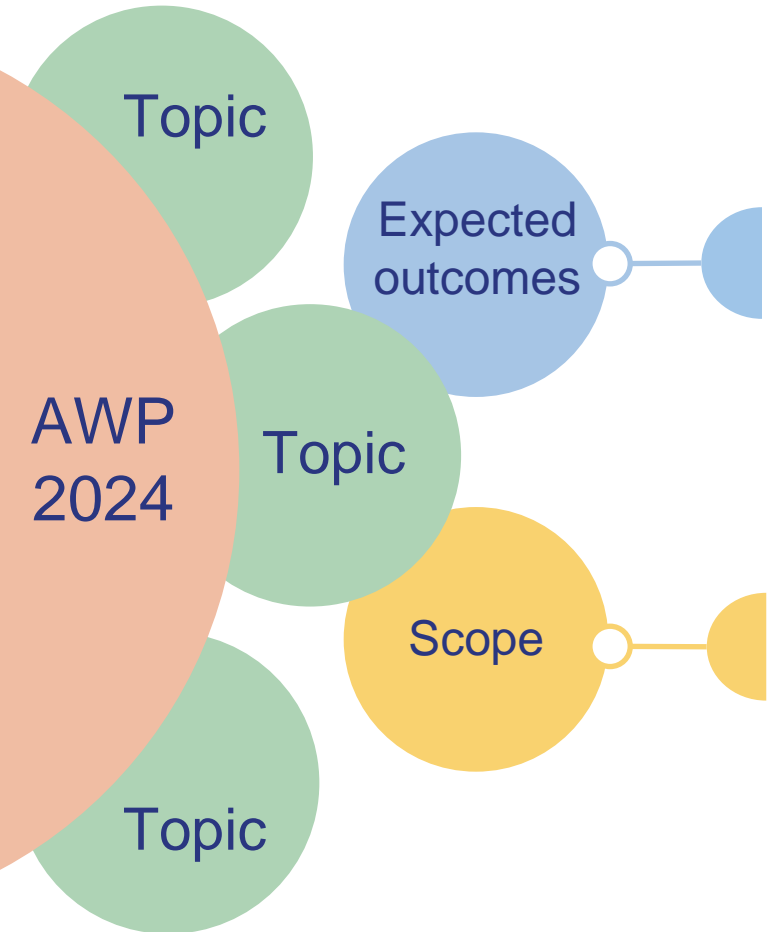
Topic

Topic

Topic

AWP
2024

Call topic structure



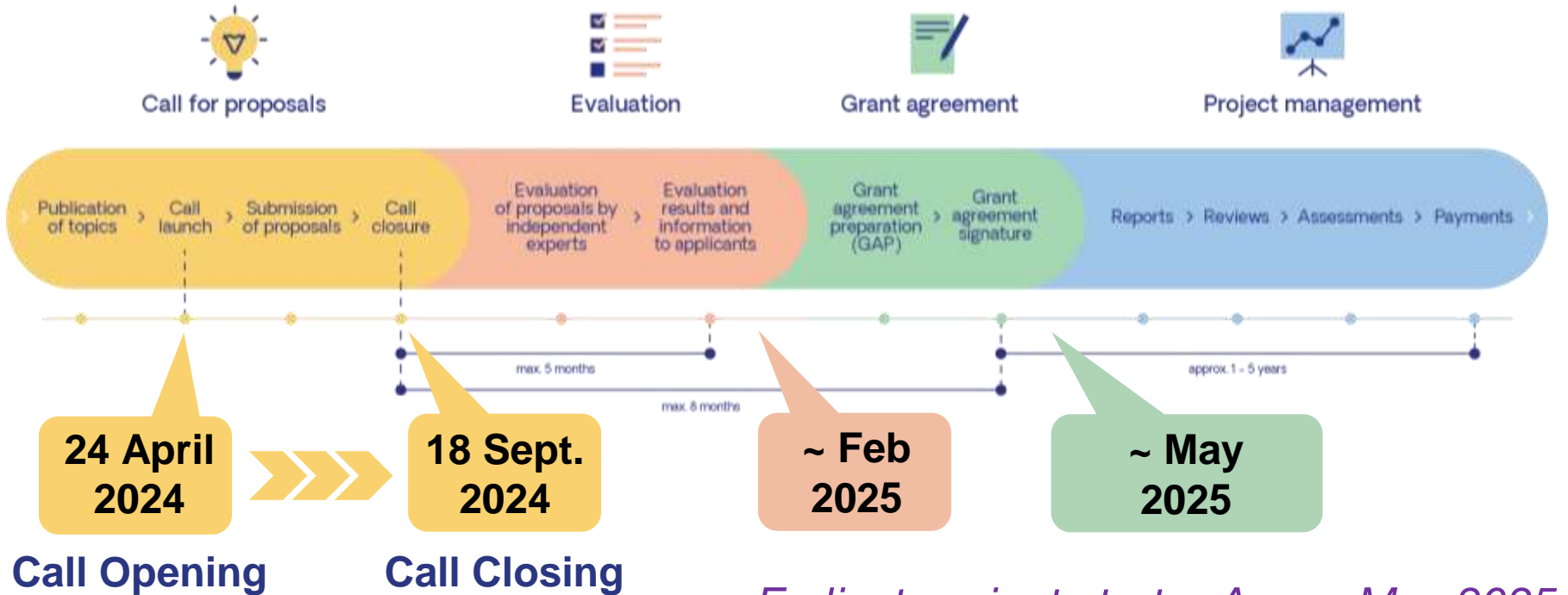
The 'change' to be achieved

- Provides a broad description of what is the **impact** to be achieved by the project
- The **dissemination and exploitation** of future research results are vital for the impact`

The 'problem'

- Identifies the aspects of the **challenge** that needs to be tackled
- Specifies a **perimeter** to the problem described
- Does not specify the expected solutions to the problem, nor the approach to be taken

Proposal preparation

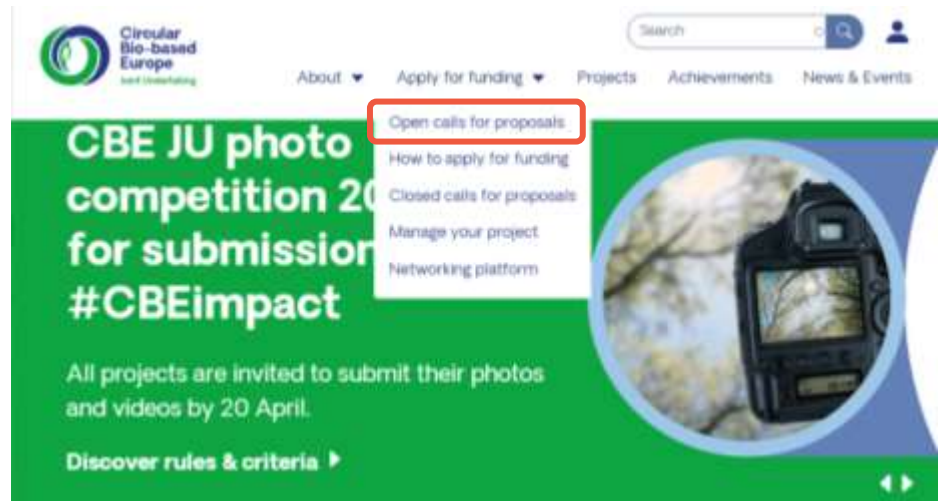


Earliest project start = Apr or May 2025

Two main sources of information



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



<https://www.cbe.europa.eu/open-calls-proposals>
(Incl. FAQ for applicants, link to networking platform,...)

CBE JU networking platform

- Annually updated & free partner search facility offered by CBE JU, more tailored to CBE needs than the Portal's partner search facility
- Open since mid-February 2024, will remain open until (at least) call closure on 18 Sept 2024
- Different services: *'Find & be found'*
 - *Partner search & expressing interest in on or more topics;*
 - *Presentation of project ideas*
 - *Showcasing / offering your expertise*
 - *Direct messaging & scheduling B2B meetings*
 - *Registration for the CBE JU info days*
- Accessible via <https://www.cbe.europa.eu/networking-platform>

CBE JU Call 2024: rules for participation

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Horizon Europe + CBE requirements

Horizon Europe (HE) rules

- Eligibility
- Admissibility
- General annexes

HE evaluation criteria

- Excellence
- Impact
- Implementation

CBE Annual Work Programme 2024

- Topics
- **Specific requirements**
- Budget

HE Programme Guide

HE Online Manual

HE General Annexes

HE Annotated Model Grant Agreement



Part A

Part B

Proposal structure



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**

Lessons learnt from Calls 2022 & 2023





Thank you for your attention!



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Joint Undertaking

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