

Call for proposals 2024

Dieter BRIGITTA Call Coordinator 24 May 2024





- CBE JU introduction
- CBE JU Call 2024
 - Call 2024 topic overview & structure
 - Scope & overview of the call 2024 topics (Samuele)
- Proposal submission, evaluation & networking
 - Timing
 - CBE specifics & terminology (incl. IKOP & IKAA)
 - Networking opportunities
- How to prepare an excellent proposal
 - Legal & financial aspects
 - Lessons learnt from past calls
- BIC role in CBE JU, networking & matchmaking (Samuele)
- Q&A



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Circular Bio-based Europe Joint Undertaking

€2 billion public-private initiative

Launched in 2021, operates until 2031

European Union
Represented by the
European Commission

Part of Horizon Europe programme

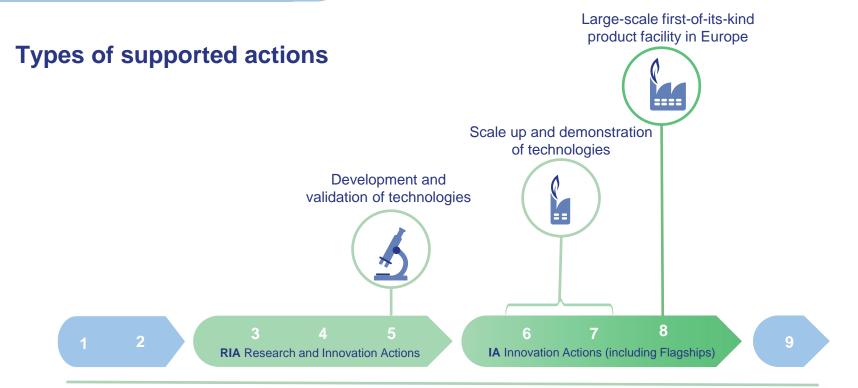


Bio-based Industries Consortium Contributing to the European Green Deal

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

Building on the success of its predecessor BBI JU

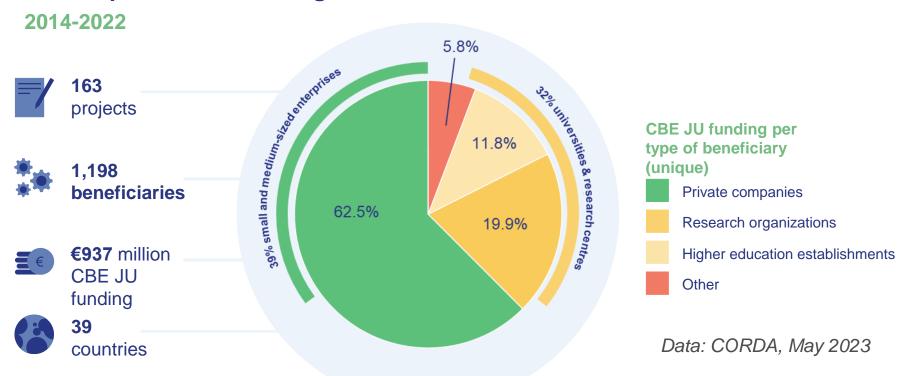




Technology Readiness Level (TRL)



CBE JU portfolio – building on BBI JU:



Latvia



Opportunities for the bioeconomy

Socio-economic benefits

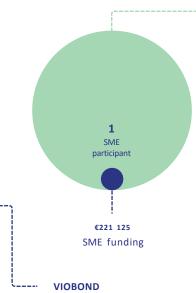


Main resources in **CBE JU** projects











Biorefinery location Riga

Company Latvijas Finieris

Resource Wood residues (lignin)

Products

Bio-based resins.

Benefit

This industrial biorefinery showcases the feasibility and market potential of bio-based resins for eco-friendly wood panels and construction materials. The project could be replicated across Europe, highlighting Latvia's leadership in promoting greener construction materials.



& research centres



Check all the projects in the country







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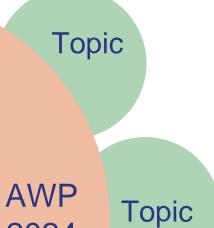
18 topics and their budget

Type of action		Topics HORIZON-JU-CBE-2024	Million EUR
	IAFlag-01	Bio-based value chains for valorisation of sustainable oil crops	20
IA- Flagship	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-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	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
	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
RIA	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

2024

Topic

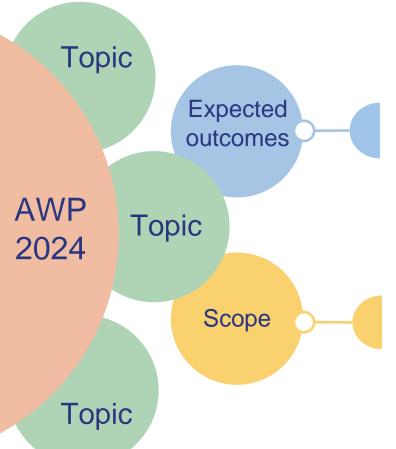
Call topic structure



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			

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



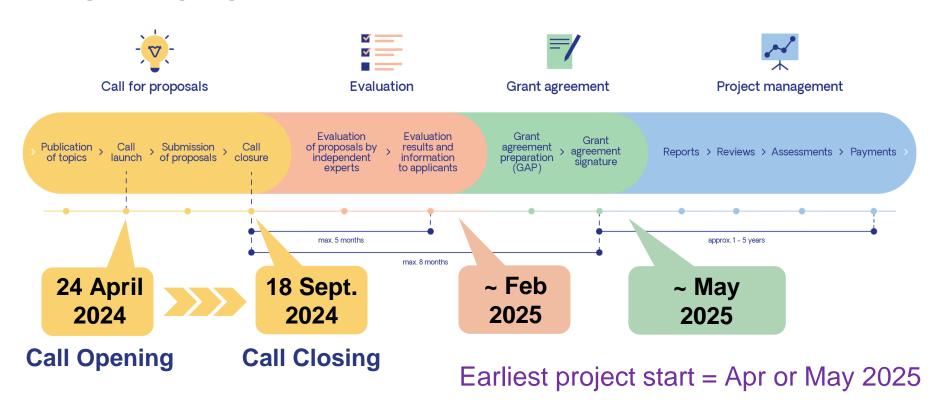
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Proposal preparation





Similarities and differences with Horizon Europe



Funding rate

• RIA: 100%



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: ≥ 20% IKOP	BIC member	Industry / Academia	Total eligible costs	Funding rate	Requested EU contribution	IKOP
Coordinator (BIC member)	Υ	industry	€ 7,000,000	60%	€ 4,200,000	€ 2,800,000
Beneficiary 1	N	academia	€ 590,000	100%	€ 590,000	
Beneficiary 2 (BIC member)	Υ	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	
TOTAL			€ 16,390,000		€ 10,390,000	€ 4,800,000

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

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: <u>≥ 15% IKOP</u>	BIC member	Industry / Academia	Total eligible costs	Funding rate	Requested EU contribution	IKOP
Coordinator (BIC member)	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	
TOTAL			€ 9,090,000		€ 6,010,000	€ 1,280,000

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

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IKOP vs **BIC** membership

• IKOP?

- Total eligible costs minus total requested funding (of BIC members)
- Only applicable to Innovation Actions (IAs) incl. Flagships
- CBE JU evaluation subcriterion (15% or 20% threshold)

BIC membership

- CBE JU will check BIC membership during evaluation...
- ...via an Annex to the proposal: 1 pdf file with all 'BIC membership certificates' or BIC members involved in the consortium
- BIC membership certificates to be requested to BIC via https://bic.elisca.app/membership/certificate/registration
- When building your consortium, you might encounter organisations interested in becoming a BIC member (and who could 'boost' your IKOP)
- 'Project membership': temporary membership option, (only') relevant for CBE JU Calls: the organisation will become a BIC member if their proposal is successful



IKAA vs BIC membership

• IKAA?

- 'In-kind contributions to Additional Activities'
- Investments not funded by CBE JU (so not in proposal budget), that will i) contribute to CBE JU's objectives and ii) increase the uptake of project results
- Examples: investments in new facilities, plants, infrastructure,...; standardization activities; (extra) communication, dissemination & exploitation activities;...
- Only applicable to Innovation Actions (IAs) incl. Flagships
- NOT a CBE JU evaluation subcriterion

Link with Call 2024 proposals

- Draft IKAA plan can be submitted as an Annex to the proposal
- Although not taken into account during the evaluation...
- ...an IKAA plan will be requested to successful proposals invited to the next stage (Grant Agreement Preparation - GAP)
- BIC membership to be checked (only) during GAP



Horizon Europe + CBE requirements

Horizon Europe (HE) rules

- Eligibility
- Admissibility
- General annexes

HE evaluation criteria

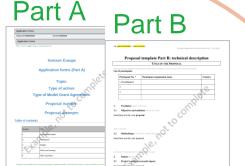
- Excellence
- Impact
- Implementation

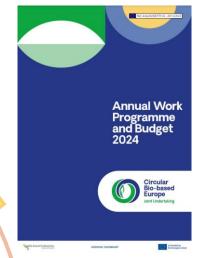
CBE Annual Work Programme 2024

- Topics
- Specific requirements
- Budget



Proposal structure





CBE JU Call 2024 specific requirements (1/2)

Specific CBE JU requirement	Type of action	Where to include it in Part B
Feedstock sourcing (eligibility condition)	RIA and IA, incl. FLAG	Part B – (Y/N) question
Feedstock sustainability requirements	RIA and IA, incl. FLAG	Part B – (Y/N) question
Description of feedstock	RIA and IA, incl. FLAG	Part B – 1.2 Methodology
Environmental performance - Ex-ante assessment		Part B – 1.2 Methodology
identification of environmental issues	RIA and IA, incl. FLAG	
estimation of environmental sustainability performance,		
estimation of carbon removal potential		
Environmental sustainability and circularity - Ex-post		
assessment	RIA	Part B – 3.1 Workplan and
Dedicated task for RIA	IA- non FLAG	resources
 Dedicated task or WP (LCA) for IA non-FLAG 	FLAG	
Dedicated task or WP (LCSA) for FLAG		

CBE JU Call 2024 specific requirements (2/2)

Specific CBE JU requirement	Type of action	Where to include it in Part B	
Multi-actor approach (MAA)	IA, incl. FLAG	Part B – 1.2 Methodology	
	RIA and CSA, when specified		
Economic aspects:			
Economic viability	RIA	Part B – 2.2 Measures to	
Business case and business model	IA, incl. FLAG	maximise impact – D& E&C	
Business plan		FLAG: Annex (Business plan)	
Digital technologies	RIA and IA, incl. FLAG	Part B – 1.2 Methodology	
Cross-disciplinary aspects and Social Sciences and Humanities (SSH)	All types of actions	Part B – 1.2 Methodology	
Recommendations to stakeholders		Part B – 3.1 Workplan and resources	



Networking opportunities

- Funding & tender Opportunities Portal
- CBE JU networking platform
- CBE JU info day 23 April 2024 (Brussels & online)
- BIC networking (Samuele)





Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

Funding & Tender opportunities Portal

- 'Partner search' facility for each topic encoded in the Portal
- Purpose: (free) publication of publicly visible partner search requests
- Accessible via https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/opportunities/topic-search







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 Info Day 2024



#CBEInfoDay



Find more: cbe.europa.eu/infoday24







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CBE JU cost eligibility

- CBE JU fully follows the Horizon Europe cost eligibility rules
- Cost categories
 - A. Personnel costs (employees, natural person under direct contract, seconded persons, SME owners not receiving a salary,...)

New as of 1 May 2024: option to certify personnel unit costs

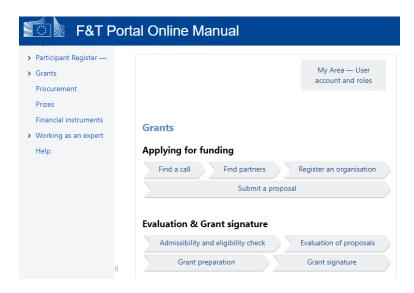
- B. Subcontracting costs
- C. Purchase costs (travel & subsistence; Equipment (typically depreciated); other goods, works & services)
- D. Other cost categories
- E. Indirect costs (= 25% of categories A, C, and sometimes D; but not B. Subcontracting)

Most relevant info sources

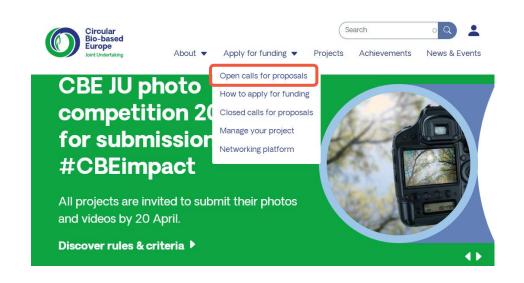
- Annotated model grant agreement, art. 6 ("eligible and ineligible costs and contributions"): includes definitions and examples
- CBE JU's FAQ for applicants Call 2024 (also on CBE JU website)



Two main sources of legal & financial information



https://webgate.ec.europa.eu/funding-tendersopportunities/display/OM/Online+Manual



https://www.cbe.europa.eu/open-calls-proposals
(Incl. FAQ for applicants, link to networking platform, NCP_WIDERA.net pre-check proposal service...)

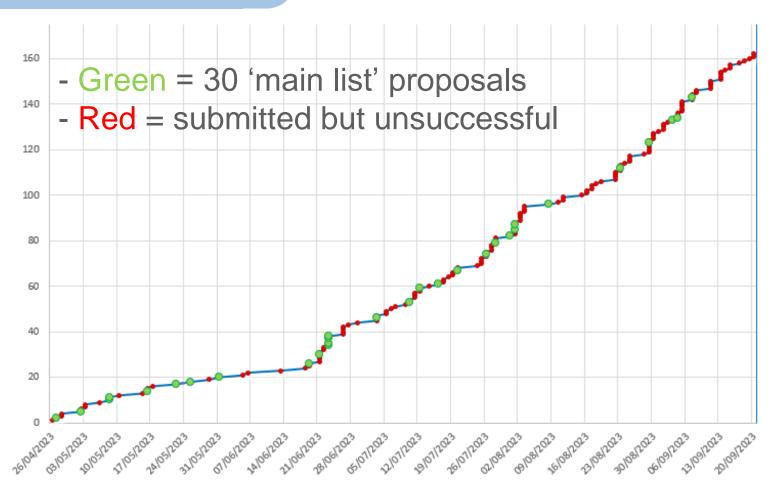


Call 2023 submission statistics (1/3)

- Call 2023: 344 proposals created in Portal
 - 105 remained in draft ('test' proposals...or missed submission deadline?)
 - 77 deleted
 - 162 submitted
- 162 submitted proposals
 - 7 proposals did not pass eligibility and admissibility, or were withdrawn
 - 51 proposals did not pass one or more of the evaluation threshold(s)
 - 74 proposals were above the evaluation thresholds, but below the funding available (= including proposals on the 'reserve list')
 - 30 proposals were invited for Grant Agreement Preparation ('main list')
- Would there be correlation (or even causation) between the creation time of a proposal and its success rate?
- Does an early proposal creation indicate a higher success rate?



Call 2023 submission statistics (2/3)





Call 2023 submission statistics (3/3)

•	Data analysis	Created between	Median creation date	Created in September	
	30 x Main list	27/04 - 07/09	03/07/2023	3 (10%)	
	74 x above threshold(s)	28/04 - 19/09	26/07/2023	14 (19%)	
	51 x below threshold(s)	26/04 – 18/09	19/08/2023	14 (27%)	
	7 x ineligible/withdrawn	06/05 - 20/09	29/08/2023	3 (43%)	

Conclusions

- Positive correlation between early proposal creation and success rate
- Possible reasons for *causality*: more time to build a solid consortium and cover all requirements, expecially for IAs + FLAGs
- Early creation = earlier awareness about elements blocking submission (IT tool provides warnings) = more time to solve them => starting to work in the Portal asap adds value!



Horizon Europe + CBE requirements

Horizon Europe (HE) rules

- Eligibility
- Admissibility
- General annexes

HE evaluation criteria

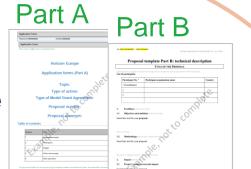
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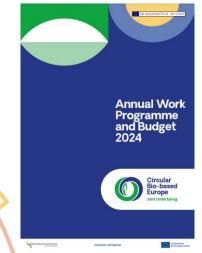
CBE Annual Work Programme 2024

- Topics
- Specific requirements
- Budget



Proposal structure







Horizon Europe scoring principles



The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.



Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses



Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.

CBE JU evaluation thresholds: 3/5 or 4/5 (impact)



Good. The proposal addresses the criterion well, but a number of shortcomings are present.



Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.



Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are





Evaluation results analysis (1/2)

Top 5+1 most common shortcomings ordered by frequency

- 1. Impact expected outcomes (= bullet points in topic text)
- 2. Implementation work plan (incl. Tasks, deliverables,...)
- 3. Excellence ambition level, (going beyond) SOTA, TRLs
- 4. Implementation risk & mitigation measures
- 5. Excellence scope (bullet points in topic text)
- 6. (For RIAs: Impact economic viability check)

The 3 'biggest' evaluation elements



Evaluation results analysis (2/2)

Top 5 most common weaknesses ordered by frequency

- Excellence methodology
- Excellence ambition level, (going beyond) SOTA, TRLs

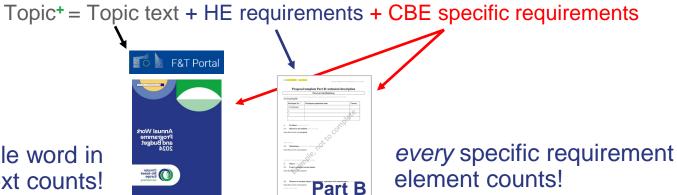
 You can't hide
 a bad idea...
- Excellence scope (bullet points in topic text)
- Impact expected outcomes (= bullet points in topic text)
- Implementation work plan

Equally interesting: what **ISN'T** there...the IA IKOP evaluation subcriterion



Aim for total "Topic eclipse"





every single word in topic text counts!



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 AWP2024 and the Strategic Research and Innovation Agenda (SRIA), for a good understanding of the context and long-term objectives of CBE JU !!!



More information



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Horizon Europe Funding and Tender portal



europa.eu/!jH76RF



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