



**Circular
Bio-based
Europe**
Joint Undertaking

Priorities of the CBE JU Call 2024

Virginia PUZZOLO

Head of Programme

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CBE JU Call 2024 : topics list

No competition between topics !

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

Total 213

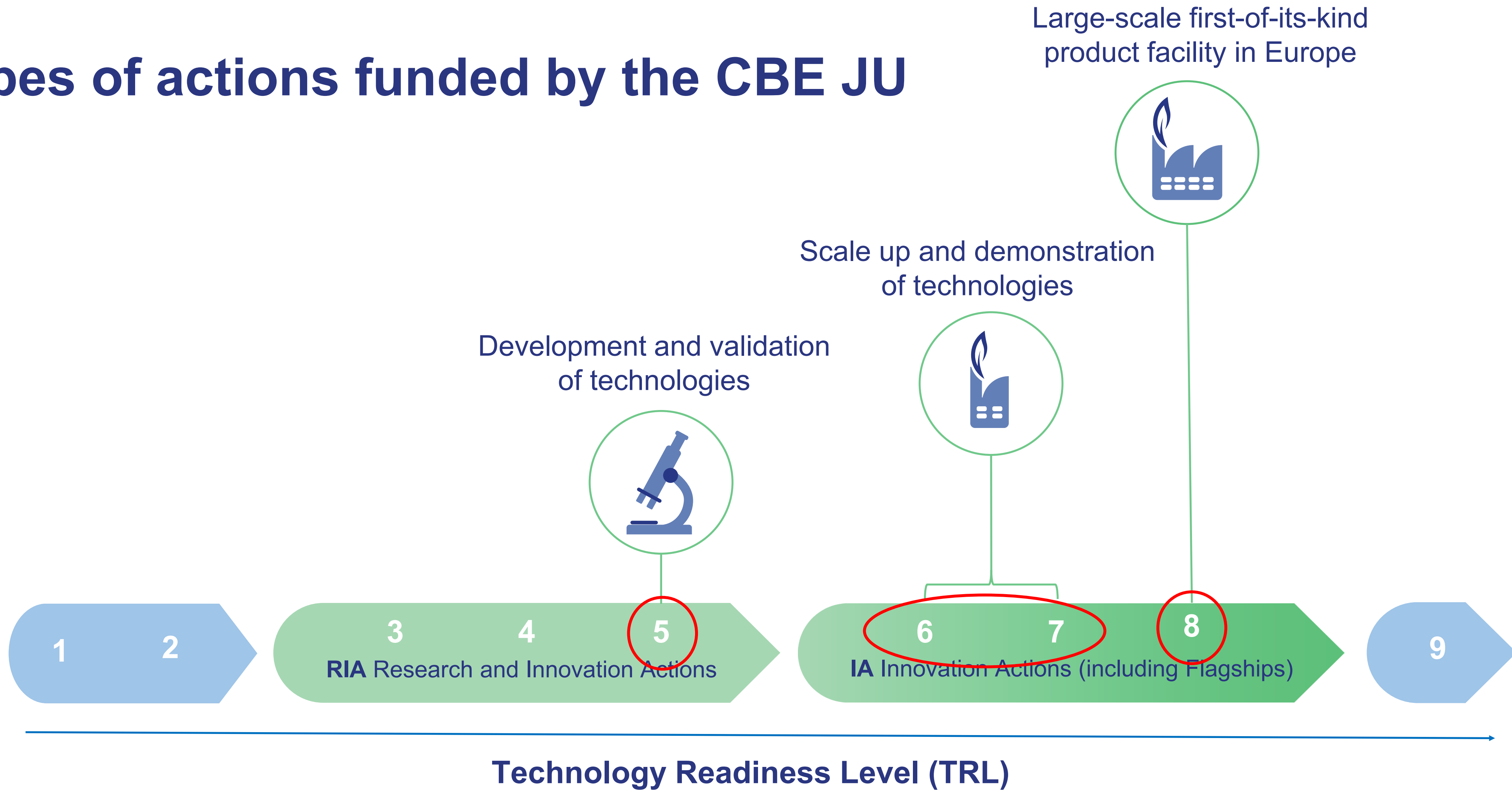
Type of actions & TRL

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

Type of action	Innovation Actions, including Flagship Research and Innovation Actions Coordination and Support Actions
Indicative budget	The total indicative budget for the topic is EUR XX million
Expected EU contribution per project	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
TRL	TRL XX at the end of the project
Link to CBE JU Specific Objectives	Strategic Objectives XX...
Link to CBE JU SRIA Strategic Priorities	Strategic Priorities XX...
CBE JU KPIs	KPIs ...

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

Types of actions funded by the CBE JU



CSA: Coordination and Support Actions (no link with TRLs)

Topic budget

HORIZON-JU-CBE-2024-XX-NN

Topic title

2 projects expected to be funded in IAs and RIAs topics !

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CBE JU strategic objectives and strategic priorities

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CBE JU general and specific objectives



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



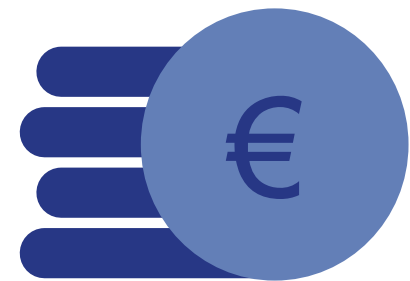
1.1. Increase cross-disciplinary **research and innovation** activities, reaping its benefits for the development and demonstration of **sustainable bio-based solutions**.



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



1.3. Increase the **research and innovation** capacity and development 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



2.1. 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**.



2.2. **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

3.1. 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**.

Links to the CBE JU specific objectives

CBE JU Specific Objectives

		CBE JU TOPICS AWP2024																		
		2024.IA-Flag01	2024.IA-Flag02	2024.IA-Flag03	2024.IA-01	2024.IA-02	2024.IA-03	2024.IA-04	2024.IA-05	2024.IA-06	2024.IA-07	2024.R-01	2024.R-02	2024.R-03	2024.R-04	2024.R-05	2024.S-01	2024.S-02	2024.S-03	
1. Accelerate the innovation process and development of bio-based innovative solutions	1.1.-Increase cross-disciplinary research and innovation activities, reaping its benefits for the development and demonstration of sustainable bio-based solutions.	X		X											X	X	X	X	X	X
	1.2 - Increase and integrate the research and innovation capacity of stakeholders across the EU to unlock bioeconomy potential even in regions with underdeveloped capacity.														X	X	X	X		
	1.3-Increase the research and innovation capacity and development sustainable bio-based innovations, by ensuring that sustainability issues and environmental performance are integrated throughout the whole innovation chain.														X	X	X	X		
2. Accelerate market deployment of the existing mature and innovative biobased solutions	2.1- 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.	X	X	X	X	X	X	X	X	X	X	X		X				X	X	
	2.2- Reduce the risk for research and innovation investment in bio-based companies and projects.									X										
3. Ensure a high level of environmental performance of bio-based industrial systems	3.1- 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.	X	X	X	X	X	X	X	X	X	X	X						X		

Links to the SRIA strategic priorities

SRIA Strategic priorities

		CBE JU TOPICS AWP2024																		
		2024.IA-Flag01	2024.IA-Flag02	2024.IA-Flag03	2024.IA-01	2024.IA-02	2024.IA-03	2024.IA-04	2024.IA-05	2024.IA-06	2024.IA-07	2024.R-01	2024.R-02	2024.R-03	2024.R-04	2024.R-05	2024.S-01	2024.S-02	2024.S-03	
FEEDSTOCK	1.1.1 - Ensure the availability and quality of sustainable bio-based feedstock	X		X													X			
	1.3.1 - Protect and enhance biodiversity and ecosystem services in bio-based feedstock supply systems	X		X									X				X			
	2.1.1 - Demonstrate the sustainable supply of bio-based feedstock	X	X	X		X	X		X		X						X			
PROCESSING	1.1.2 - Develop innovative production systems in the bio-based industry											X	X	X	X					
	1.3.2 - Improve environmental performances of bio-based processes								X			X	X	X	X					
	2.1.2 - Deploy innovative production technologies		X		X	X	X	X	X	X	X	X								
PRODUCTS	1.1.3 - Develop innovative bio-based products											X	X	X	X					
	2.1.3 – Scale-up production and market uptake of innovative bio-based products		X		X	X	X	X	X	X	X	X								
CROSS-CUTTING	Communication	1.2.1 - Stimulate research activities in countries and regions with underdeveloped R&I capacity for bio-based systems	X														X	X		
		1.2.2 – Increase the awareness and capacity of national and regional research support agencies for industrial bio-based systems																X		
		1.2.3 - Facilitate the development of expertise in bio-based fields by improving higher education and skills development in the private sector																		
		2.1.4 - Build policy makers' awareness and acceptance of bio-based solutions																	X	
	Finance	3.1.3 – Facilitate social acceptance of bio-based applications					X						X	X	X	X				
		2.2.1 – Improve the risk profile of bio-based projects																		
		2.2.2 - Develop investment tools and approaches that mitigate the investment risk in bio-based systems																		
	Environmental sustainability framework	3.1.1 - Set effective and robust environmental sustainability and circularity criteria for bio-based systems																		
		3.1.2 - Incorporate the environmental sustainability and circularity criteria in bio-based systems	X	X	X	X	X	X	X	X	X	X	X					X		

CBE JU specific KPIs

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- Scope

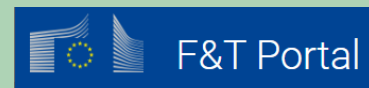
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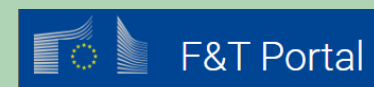
Call 2024 Topics: expected outcomes and scope

Topic



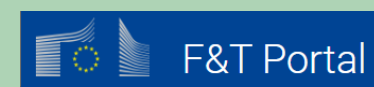
Expected
outcomes

Topic



Scope

Topic



AWP
2024

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 project 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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Contact us

info@cbe.europa.eu
www.cbe.europa.eu

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