

CBE JU and its 2025 call

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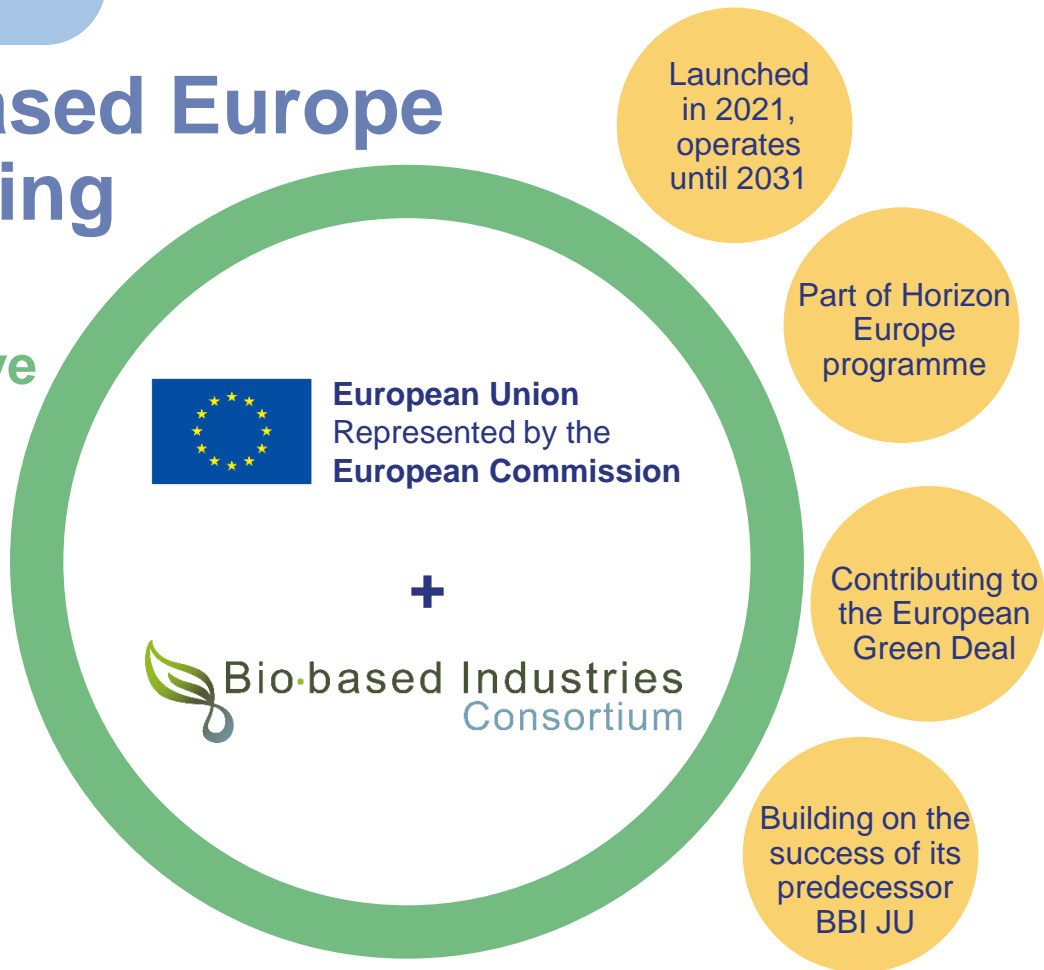
Head of Programme

03/04/2025 – CBE JU Info day



Circular Bio-based Europe Joint Undertaking

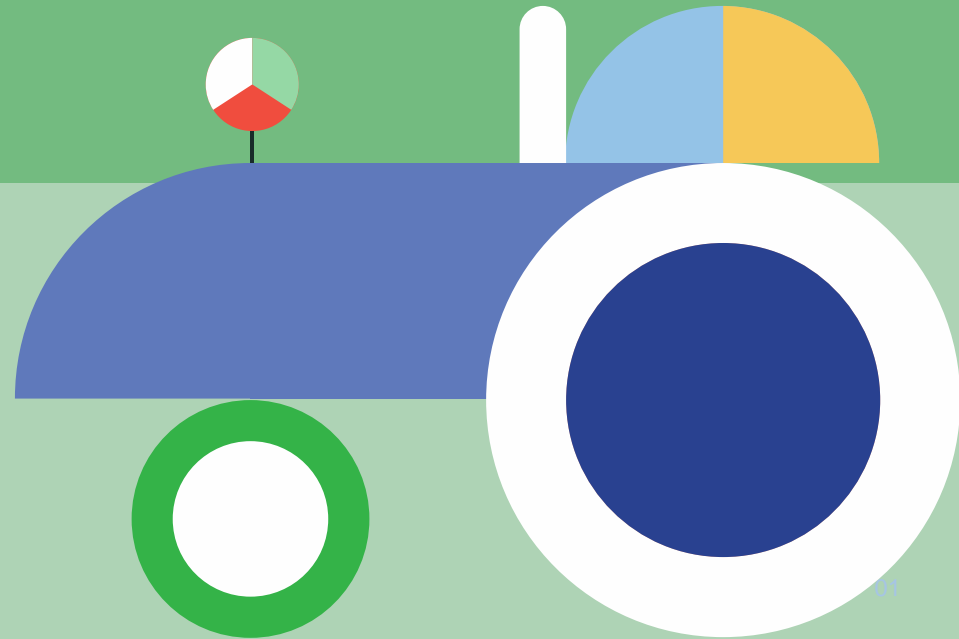
€2 billion
public-private initiative



Types of actions

Advancing a competitive bioeconomy
for a sustainable future

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



CBE JU three key objectives



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

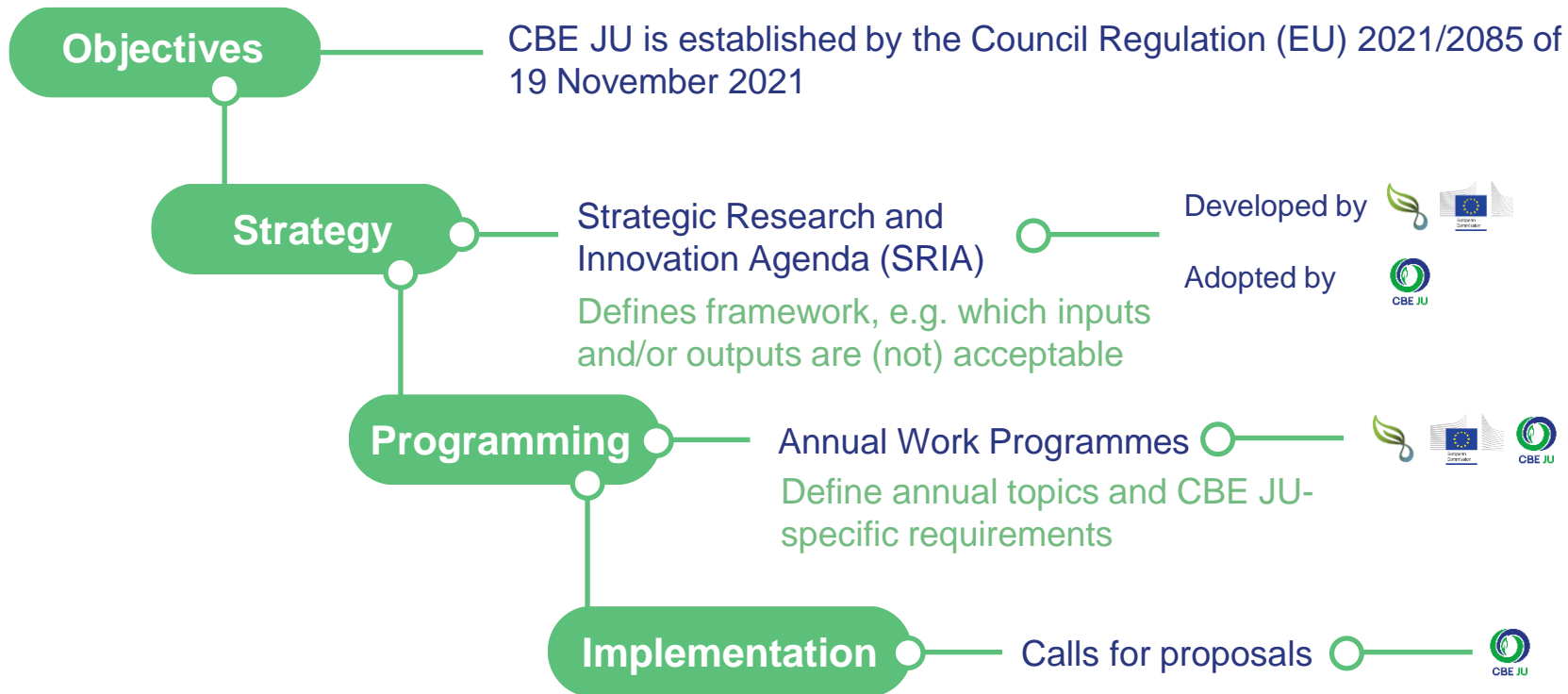


Accelerate **market deployment** of the existing mature bio-based innovative solutions

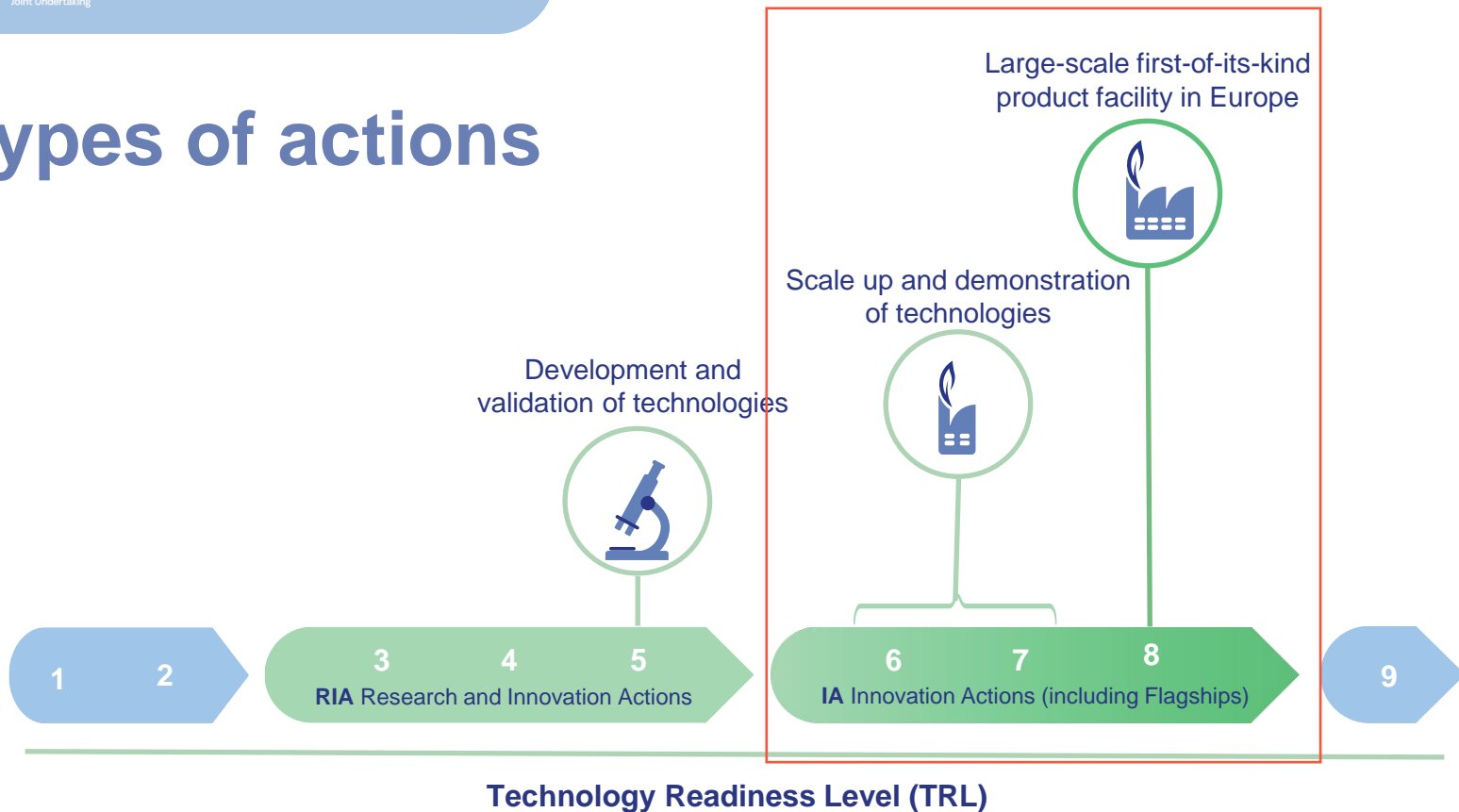


Ensure a high level of **environmental performance** of bio-based industrial systems

From strategy to implementation



Types of actions



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

CBE JU projects' portfolio

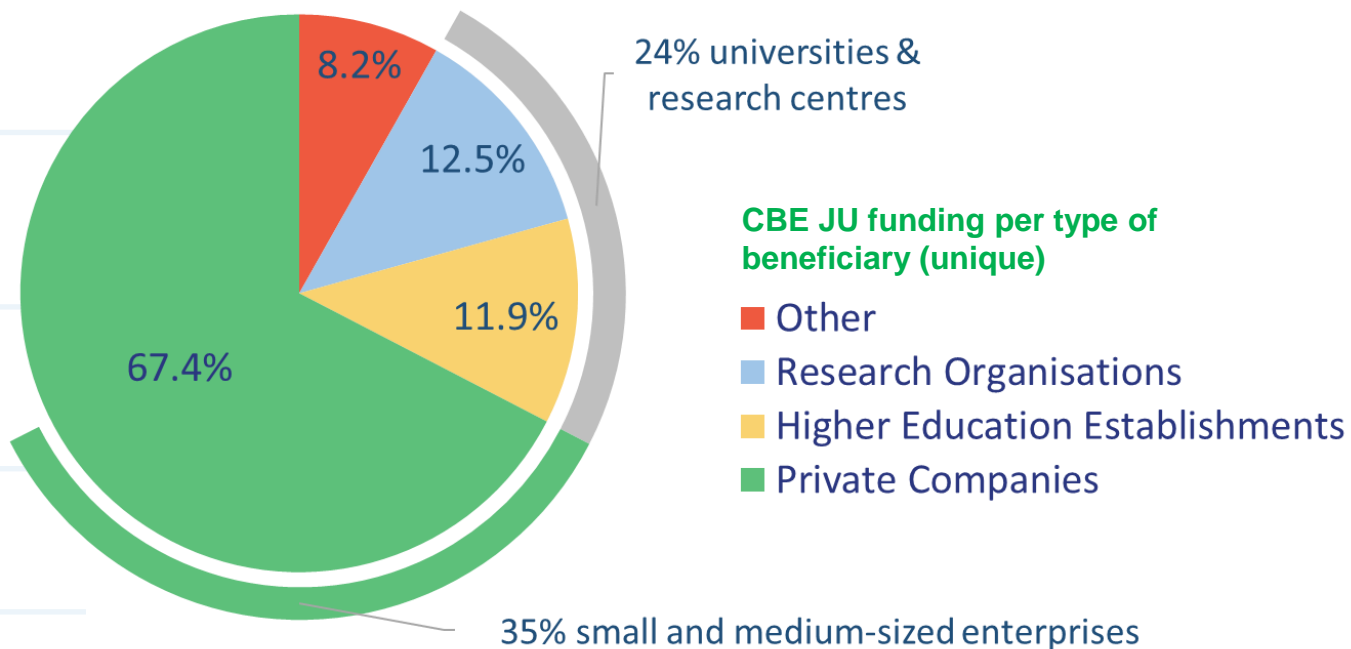
2014-2023

 **192**
projects

 **1,552**
beneficiaries

 **€1,117 million**
CBE JU
funding

 **43**
countries



Data: CORDA, May 2024

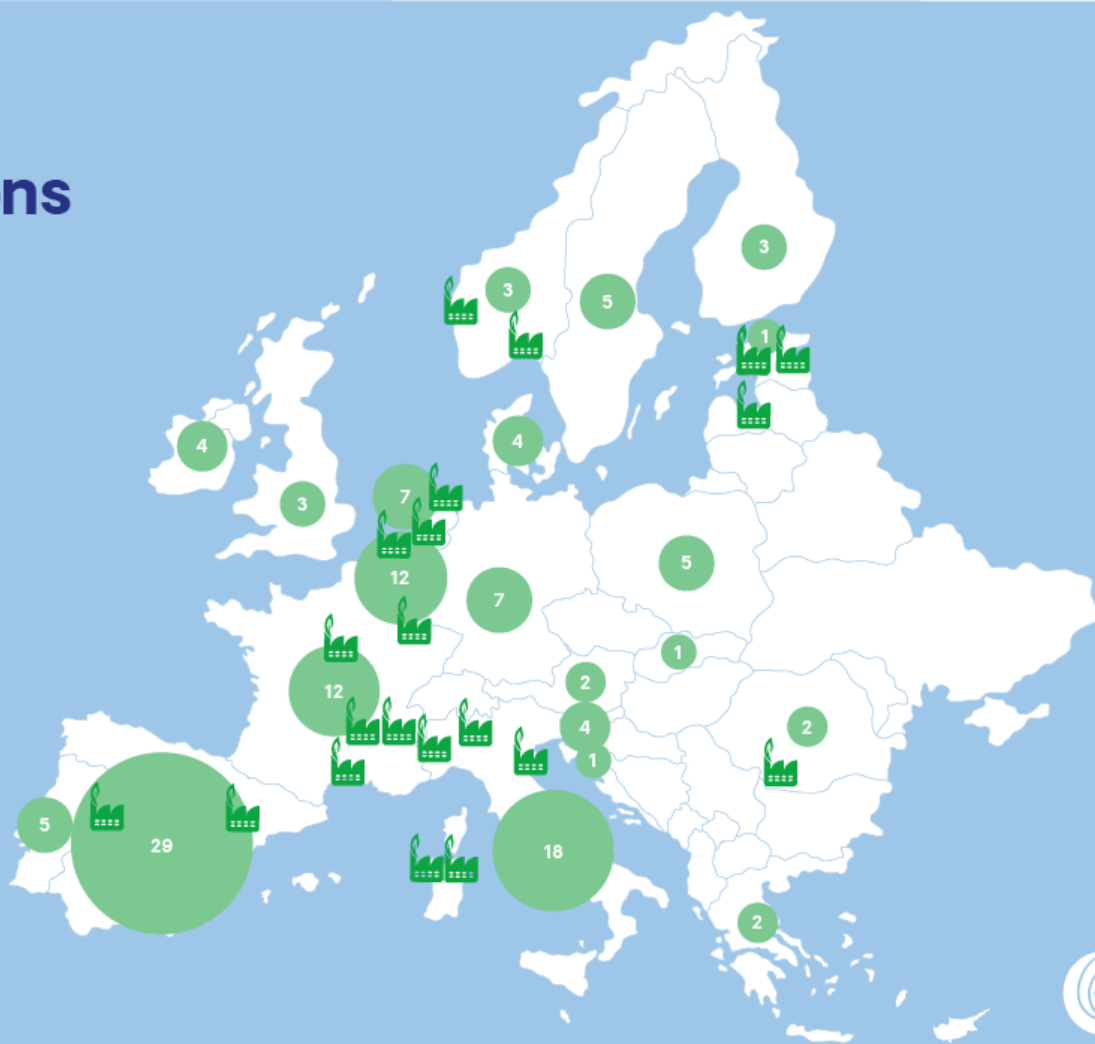
CBE JU-funded Innovation Actions



Flagship biorefinery



Demonstration plants



Number of plants per country



Circular
Bio-based
Europe
Joint Undertaking

2025 call: 13 topics

Type of action	Topics HORIZON-JU-CBE-2025		Million EUR
IA- Flagship	IAFlag-01	Urban-industrial symbiosis for bio-waste valorisation	20
	IAFlag-02	Bio-based drop-ins/smart drop-in platform chemicals, via cost-effective, sustainable and resource-efficient conversion of biomass	20
	IAFlag-03	Circular-by-design fibre-based packaging with improved properties	20
	IAFlag-04	Retrofitting of (bio)refineries industrial plants towards higher-value bio-based products	20
IA	IA-01	Sustainable macroalgae systems for innovative, added-value applications: cultivation and optimised production systems	14
	IA-02	Safe and sustainable by design (SSbD) bio-based solutions to replace hazardous conventional chemicals for textiles production	14
	IA-03	Scaling-up nutritional proteins from alternative sources	14
	IA-04	Cost-effective and robust continuous biotech bio-based processes	14
	IA-05	SSbD bio-based polymers/copolymers unlocking new market applications	14
RIA	R-01	Valorisation of untapped forest biomass	7
	R-02	Bio-based and biodegradable delivery systems for fertilising products to reduce microplastics pollution & promote soil health	7
	R-03	Alternative biomanufacturing routes for natural and synthetic rubber	7
CSA	S-01	Develop and deploy new curricula and knowledge exchange practices relevant to bio-based systems	1

Total **172**



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Joint Undertaking

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