

# CBE JU and its 2025 call

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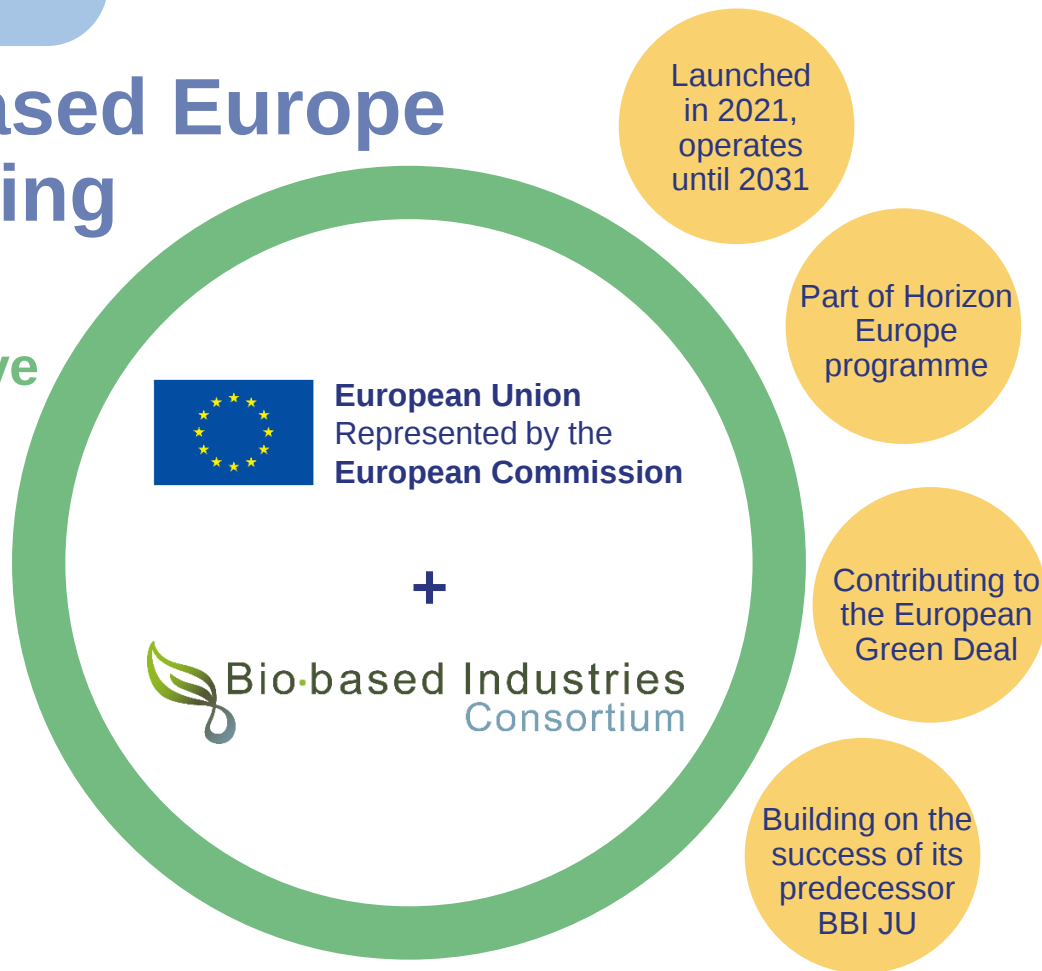
Head of Programme

03/04/2025 – CBE JU Info day



# Circular Bio-based Europe Joint Undertaking

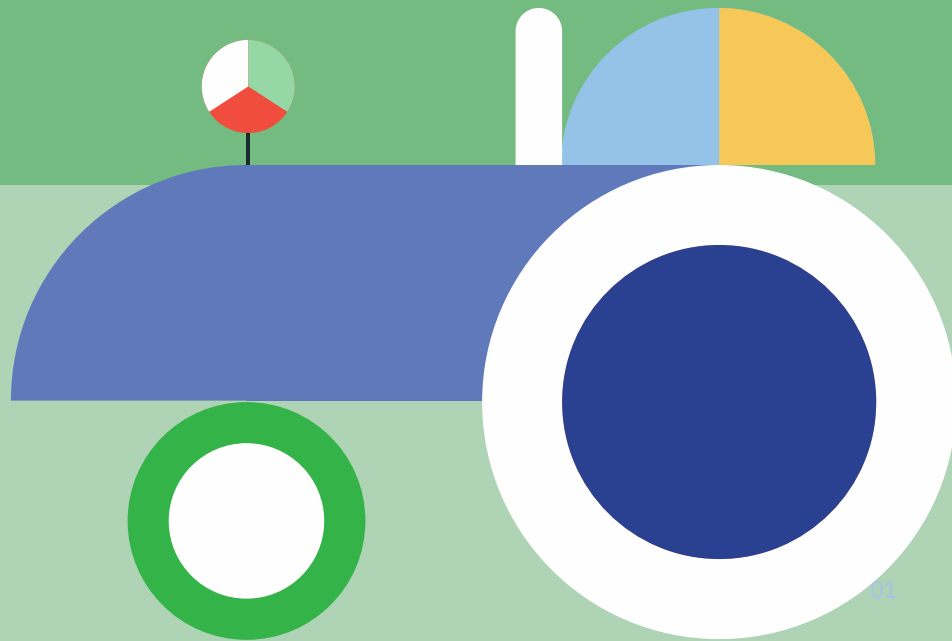
€2 billion  
public-private initiative



# Types of actions

Advancing a competitive bioeconomy  
for a sustainable future

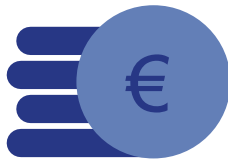
CBE JU is funding projects that deliver  
**bio-based solutions - materials and  
products made from waste and  
biomass** - in an innovative, sustainable  
and circular way



# CBE JU three key objectives



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

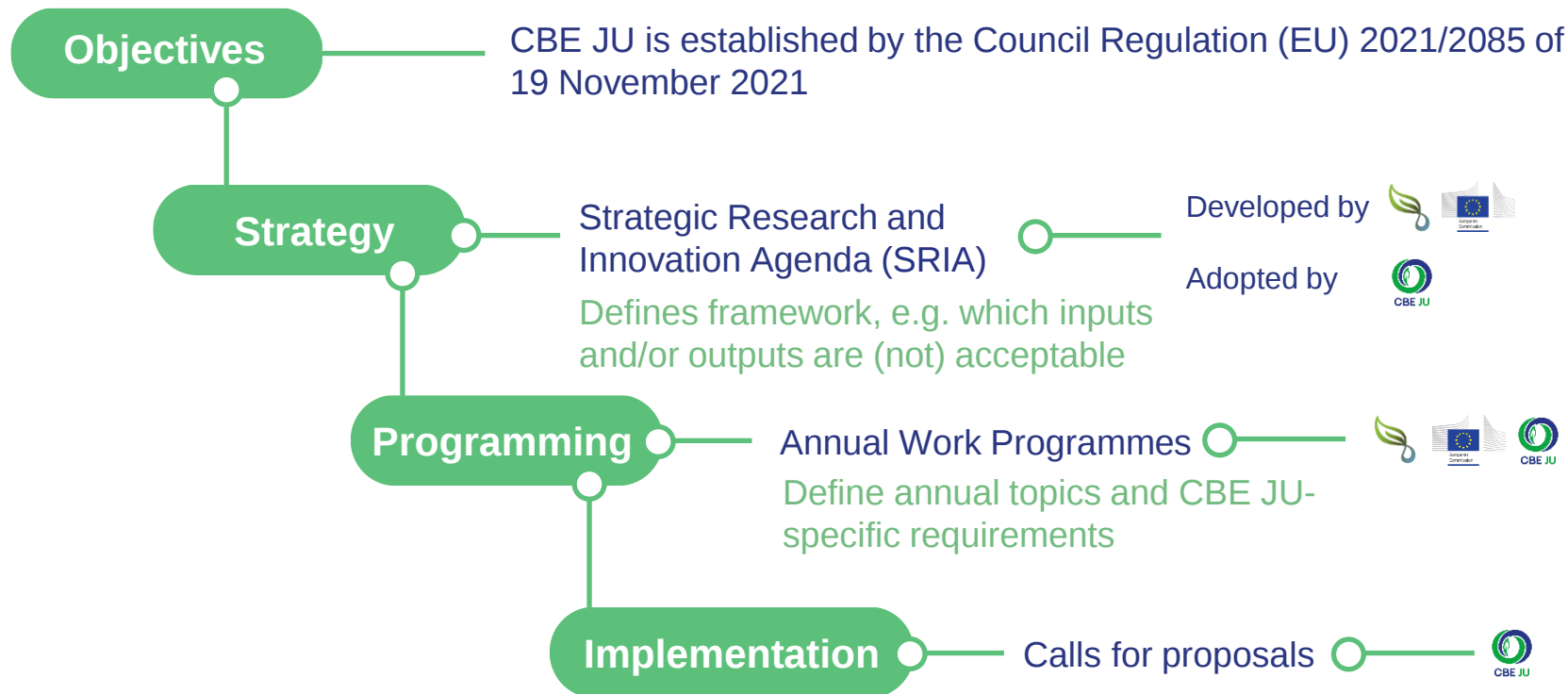


Accelerate  
**market  
deployment** of  
the existing  
mature bio-  
based  
innovative  
solutions

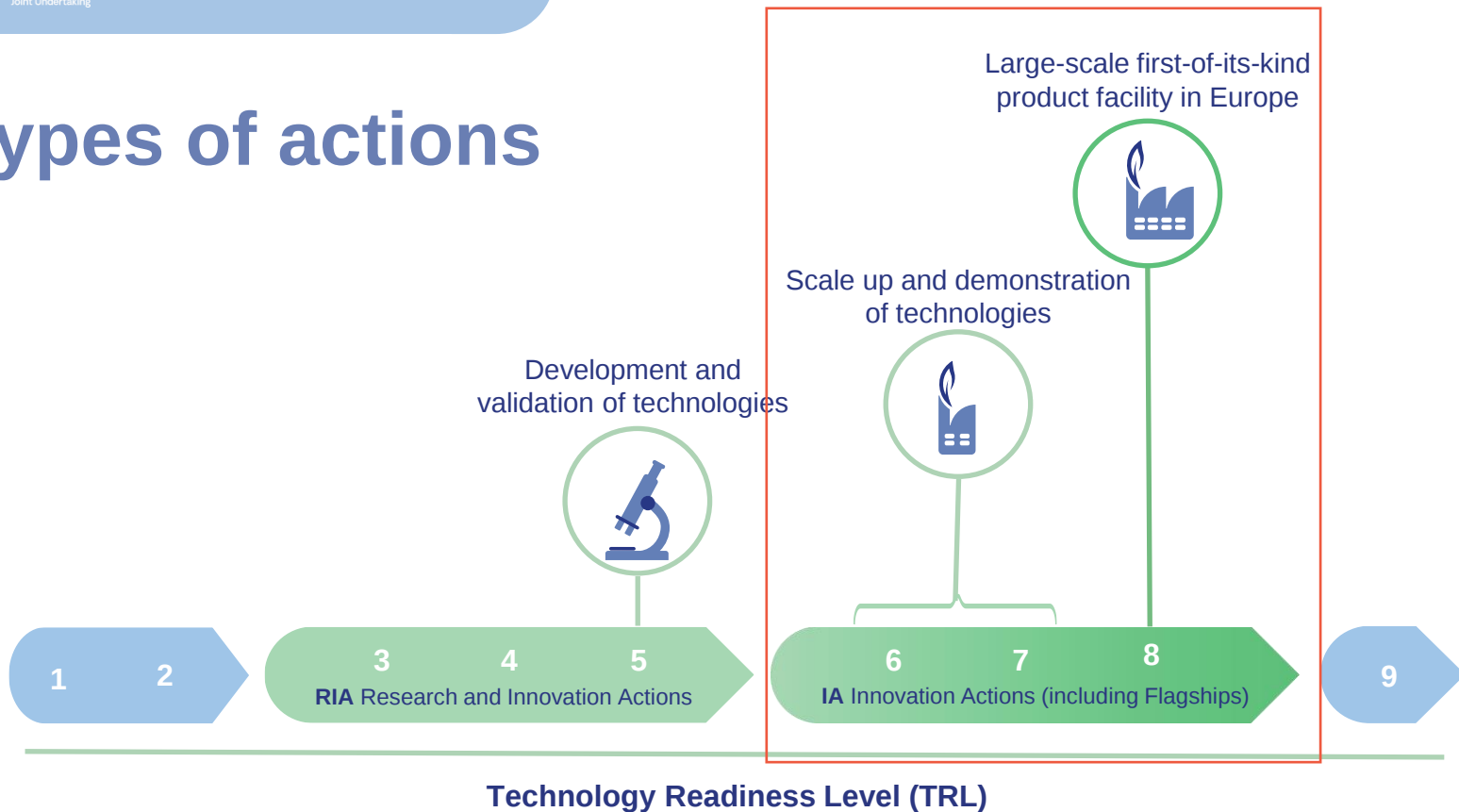


Ensure a high  
level  
of  
**environmental  
performance** of  
bio-based  
industrial  
systems

## From strategy to implementation



# Types of actions



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

# CBE JU projects' portfolio

2014-2023



**192**  
projects



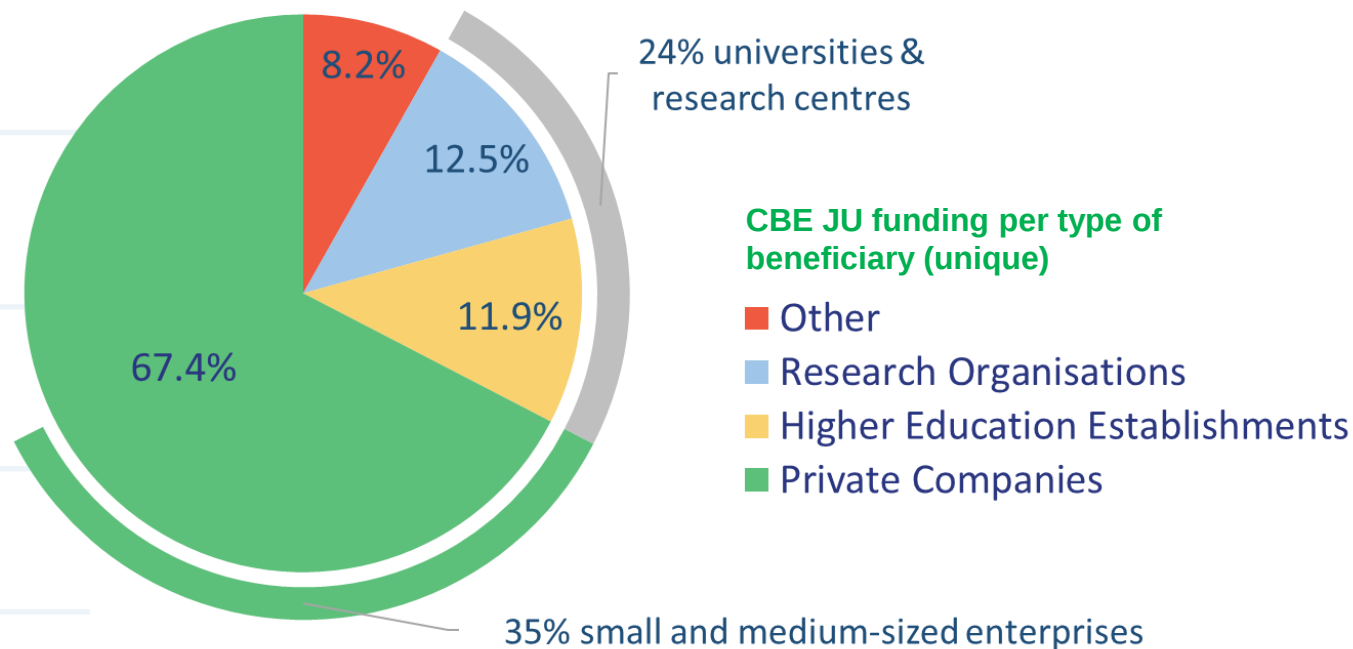
**1,552**  
beneficiaries



**€1,117 million**  
CBE JU  
funding



**43**  
countries

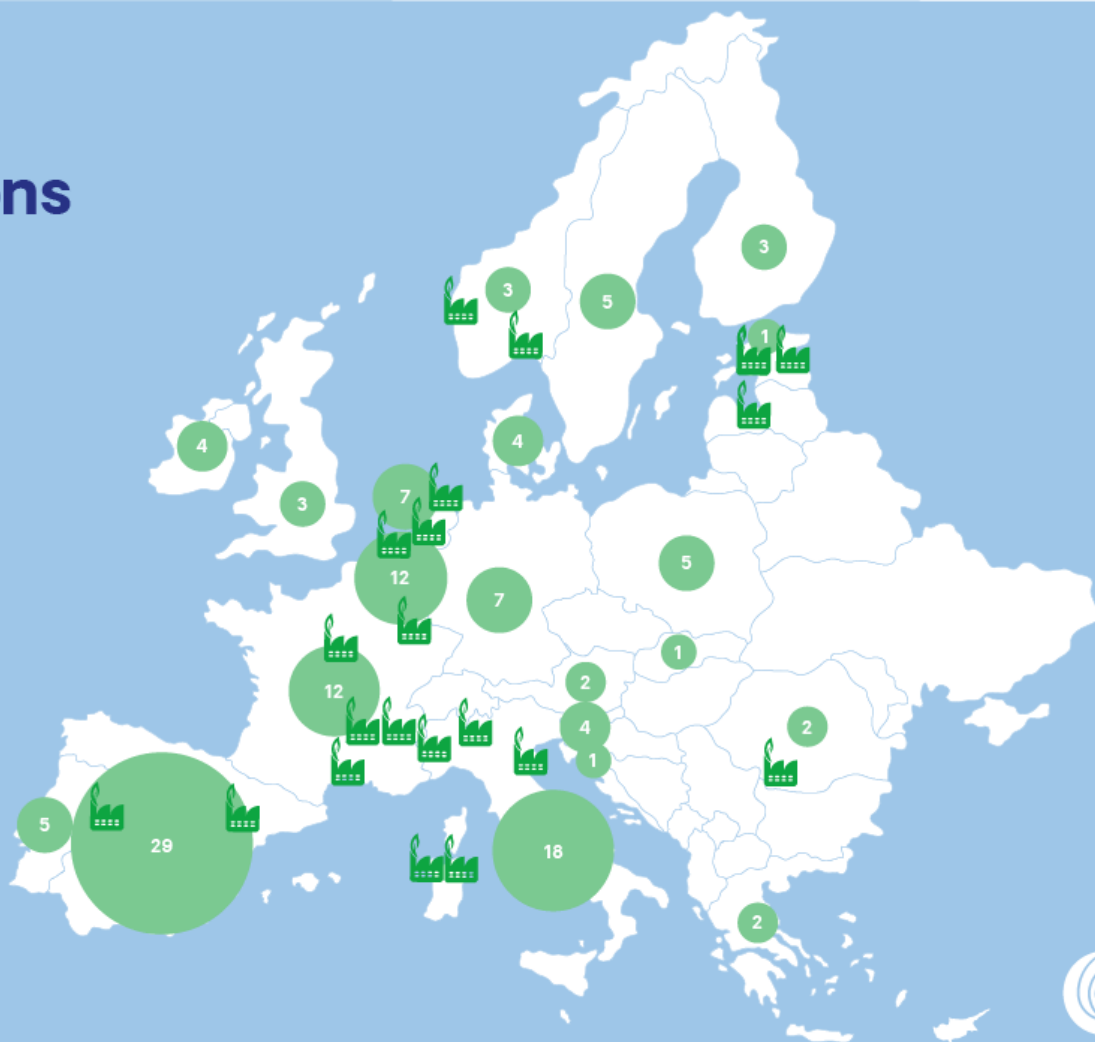


*Data: CORDA, May 2024*

# CBE JU-funded Innovation Actions

 Flagship biorefinery

 Demonstration plants



# 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**



**Circular  
Bio-based  
Europe**  
Joint Undertaking

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