

Les pôles de compétitivité Xylofutur et Innov'Alliance vous proposent un nouveau webinaire Europe:

Circular Bio-Based Europe Joint Undertaking  
Mercredi 15 mai 2024 à 10h00 (en ligne)

# Les opportunités du partenariat Circular Bio-Based Europe (CBE JU)

Mercredi 15 mai 2024 à 10h, en ligne

#ingrédients alimentaires

#microalgues

#chimie du végétal

#solutions de biocontrôle

#matériaux de construction

En collaboration avec



## ► Les pôles



*Pôle de compétitivité alimentation,  
bien-être, naturalité*

**Sara BOTTI**

[Sara.botti@pole-innovalliance.com](mailto:Sara.botti@pole-innovalliance.com)



*Pôle de compétitivité de la filière  
forêt-bois-chimie*

**Claudia ANTONIOTTI**

[Claudia.antonioti@xylofutur.fr](mailto:Claudia.antonioti@xylofutur.fr)

**Contexte :** Présentation de l'AAP autour des thématiques croisées des 2 pôles organisateurs

- Présentation du partenariat portant les AAP & ses attentes
- Présentation des conditions de participation
- Présentation d'AAP sélectionnés

## ► Practical aspects



- If you have any question, please put it on the chat. We will answer them during the presentation at various points. The questions not answered during the session will be answered later in writing.



- Please keep your mic muted during the presentations, except during the Questions & Answers session to add a point.



- Please feel free to write in the chat if you wish to communicate about your project or your needs (e.g. looking for a partner for your consortium, or wishing to join a consortium, whether you identify possible links with other companies present at this event...), this is the opportunity for networking.



- This event will be recorded unless you specify otherwise. The recording will be available on Xylofutur and Innov'Alliance spaces dedicated to members as this is an event reserved for members only.



## Circular Bio-based Europe (CBE)

**Presentation based on CBE documentation**

[Documents | Circular Bio-based Europe Joint Undertaking \(CBE JU\) \(europa.eu\)](#)

CONNECTION  
ANALYSIS  
DATA  
SEARCHING  
VERIFICATION  
CODING  
SENDING

## ► Agenda (from 10:00 to 11:30)

### General presentation

- CBE in a nutshell
- Timing and deadlines
- Eligibility and admissibility conditions, overview of types of participation
- Differences between RIA, IA, Flagship, CSA

### Topics of interest identified for members of the clusters

- Full list of 2024 Call topics
- Focus on particular calls that may be of interest for the audience

### How to write a good proposal

- 2023 results
- Tips & tricks
- Top 5 shortcomings & weaknesses highlighted by the CBE

### PNO presentation and CBE-related track record

### Arbiom testimonial

### Xylofutur and Innov'Alliance

# General presentation



**Noémie Planchon**  
Senior Consultant  
ARTTIC, PNO Group  
[noemie.planchon@arttic.eu](mailto:noemie.planchon@arttic.eu)  
+33 (0)6 28 64 71 62

## ► CBE in a nutshell

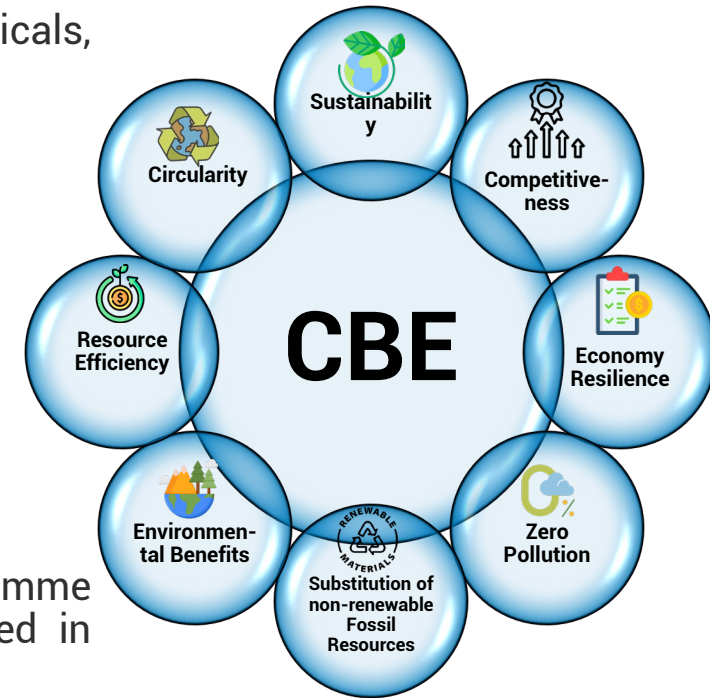
The CBE Joint Undertaking (JU) is a € 2 billion public-private partnership between the EC, and the Bio-based Industries Consortium (BIC):

- ✓ Established under Horizon Europe, spanning the period 2021-2031.
- ✓ Strategic priorities and essential research and innovation actions required to achieve the objectives of the CBE JU are defined in the SRIA (Strategic Research and Innovation Agenda).
- ✓ The CBE JU will support initiatives targeting the development of bio-based chemicals, materials, food and feed ingredients, and soil nutrients.

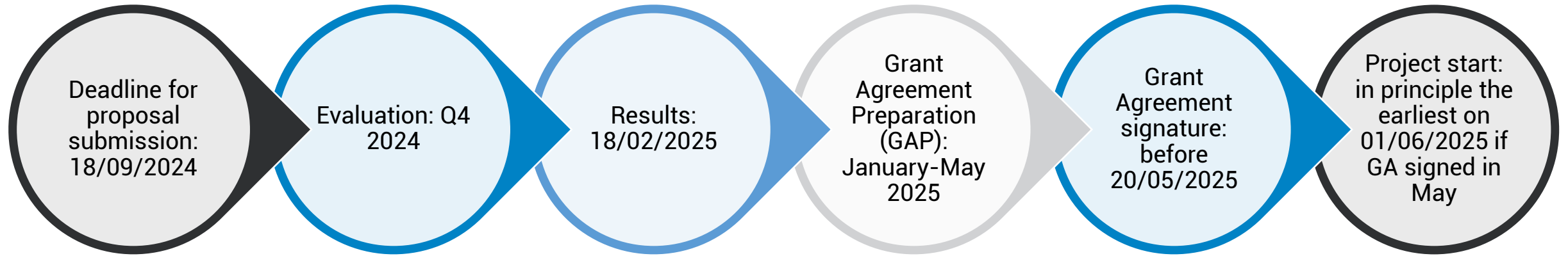
CBE JU's achievements since 2014:

- ✓ Total Investment: €904 million
- ✓ Private Investment: Nearly triple
- ✓ Countries Reached: 39
- ✓ Beneficiaries Engaged: 1,200 with 42% SMEs and 25% universities and research centers

The call will adhere to the General Annexes A to F of the Horizon Europe Main Work Programme 2023-2024, with some necessary adjustments/additional specifications to be discussed in subsequent sections.



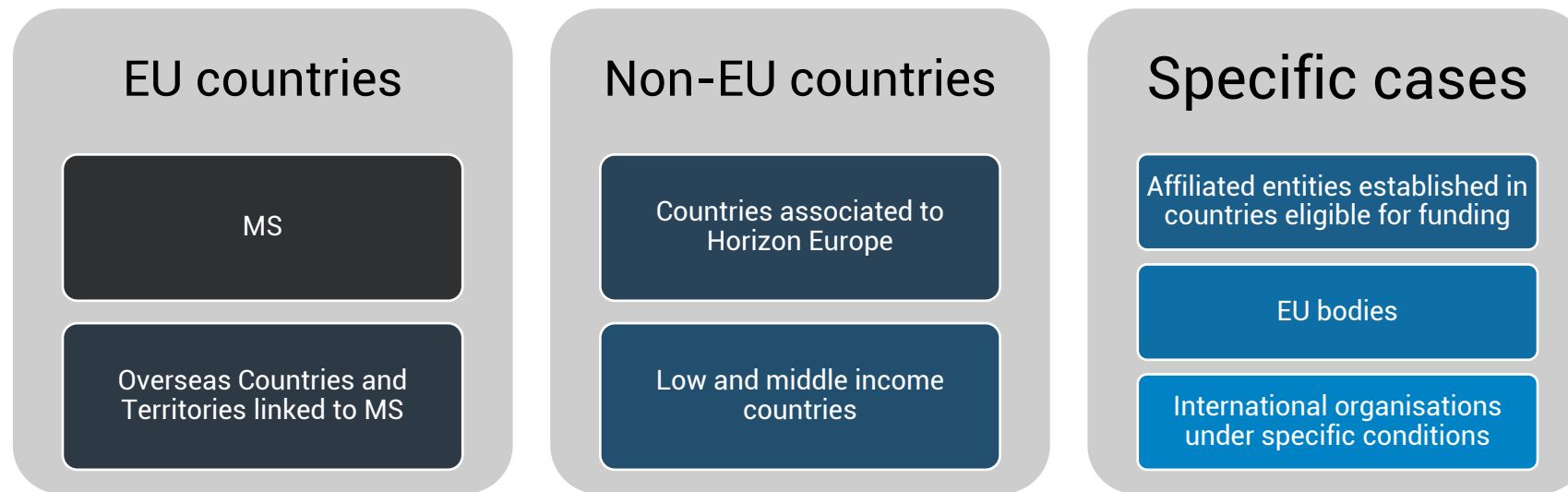
## ► Timing and deadlines



Project start date is important to consider when preparing the planning of your project and must be shared with your consortium, especially if there are particular constraints in terms of seasonality for the biomass you are working with.

## ► Eligibility conditions

- Consortium composed of at least 3 legal entities independent from each other and established in different countries:
  - At least 1 in a Member State (MS)
  - At least 2 in different MS or an Associated Country



- Public bodies, research organisations or higher education establishments must have a gender equality plan.

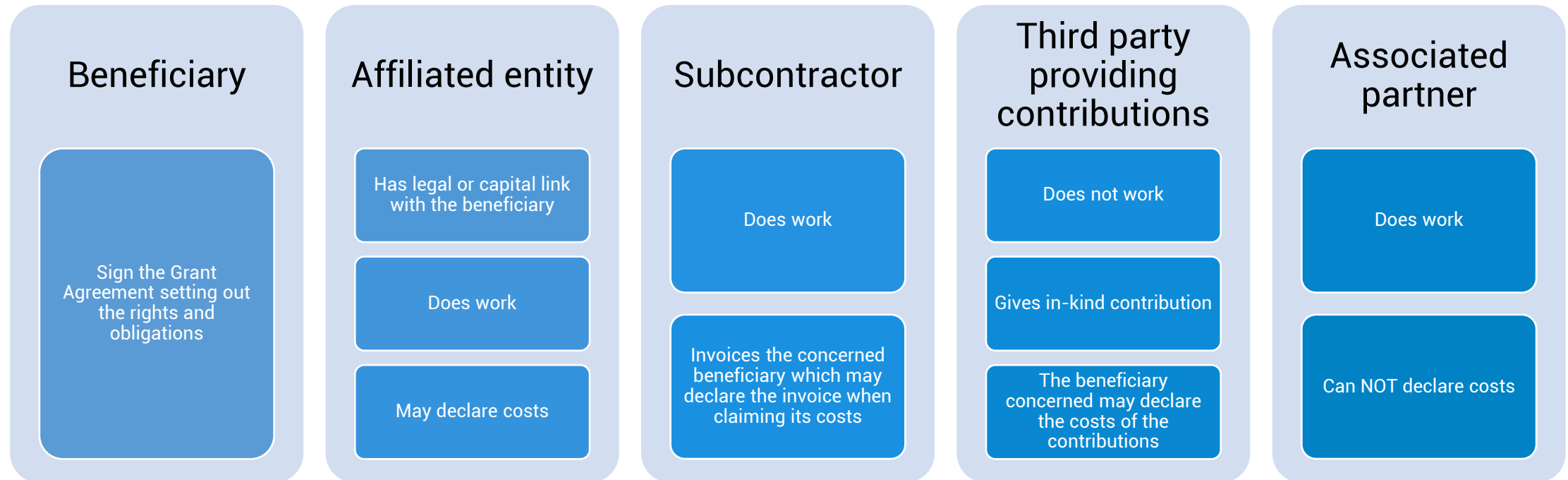
**Last year 7 proposals out of 162 submitted did not pass this step!**

## ► Admissibility conditions

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- Submission before the call deadline, electronically on the EU Funding & Tenders Portal.
- Proposals must be complete, readable, accessible and printable.
- Proposals must include a plan for exploitation and dissemination of results, including communication activities.
- Page limits apply to parts of the application and will be detailed in subsequent sections.

## ► Overview of types of participation



- Important to ensure proper representation of relevant actors of the **full project value chain** (feedstock – processing – products, etc.) inside the consortium or via other appropriate forms of engagement for the project to be viable (**multi-actor approach**).
- Possibility to include Letters of Intent, Memorandum of Understanding, Letters of Support, etc. from key stakeholders that cannot be involved under one of the above types of participation.
- Advisory Board can also be set up.

## ► Differences between RIA, IA, Flagships, CSA - Type of activities

### Research and Innovation Actions (RIA)

Activities of '**testing**', '**demonstrating**' and '**piloting**' to establish **new knowledge** or to **explore the feasibility** of a new or improved technology, product, process, service, or solution.

These may include basic and applied research, technology development and integration, testing, demonstration, and validation on a **small-scale prototype**, in a **laboratory or simulated environment**.

### Innovation Actions (IA)

Activities of 'testing', 'demonstrating' and 'piloting' and also aim at **scaling up** activities **from prototype**, in a (near to) **operational environment**, **industrial** or otherwise, to **large-scale product validation** and **market replication**.

### Flagships

#### Important and specific type of Innovation Action.

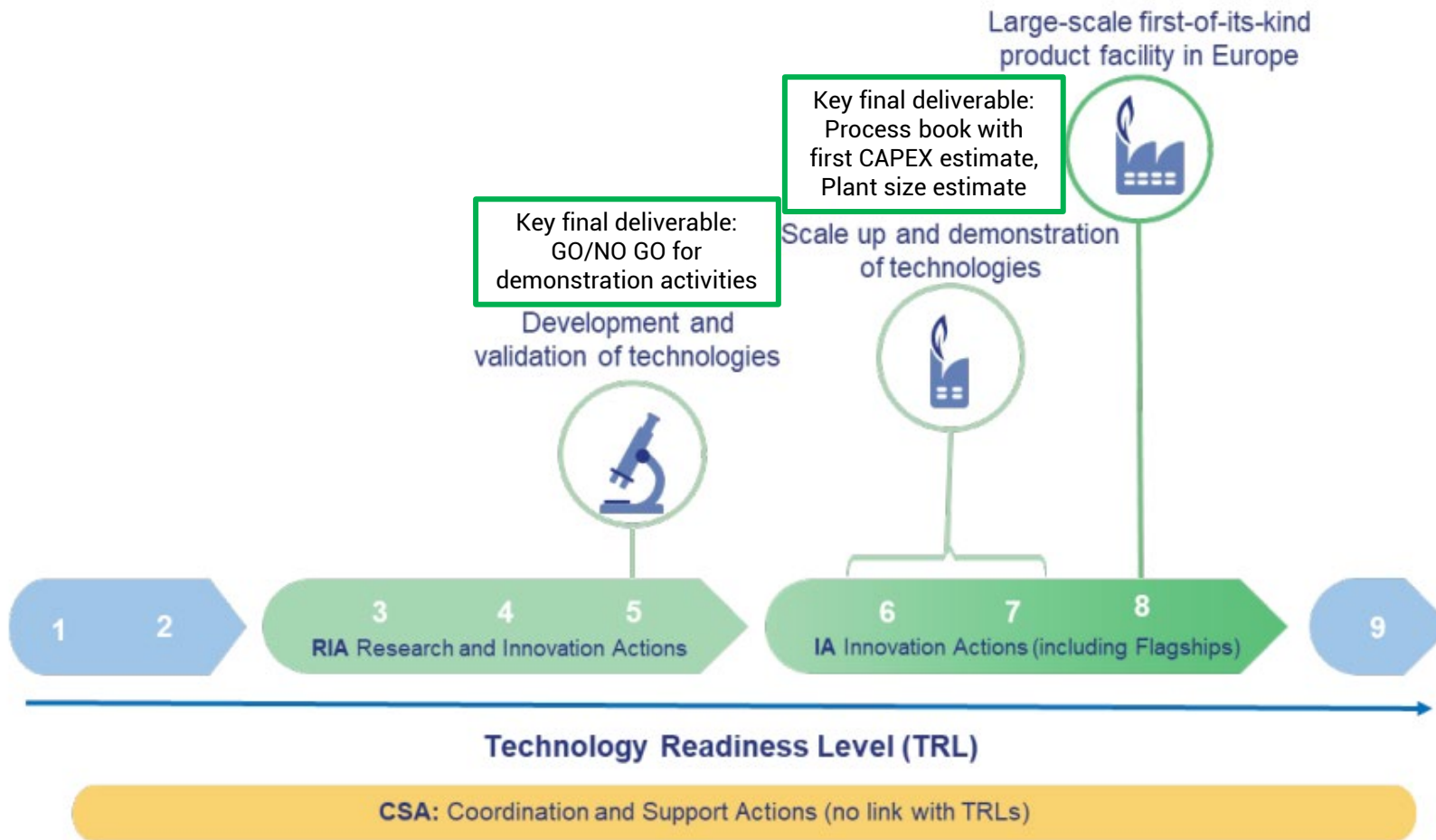
Support the **first application/deployment in the EU market of an innovation** that has **already been demonstrated** but not yet applied/deployed in the EU market (**first-of-its-kind** innovation).

### Coordination and Support Actions (CSA)

Address needs to:

- i) structure stakeholder communities
- ii) support dissemination and exploitation of RIAs and IAs
- iii) exploit synergies of scale among projects
- iv) raise awareness in specific areas
- v) support technological visions (e.g. road-mapping, user cases) and outreach (e.g. events, publications)
- vi) promote international cooperation with specific regions and/or technological areas

# ► Differences between RIA, IA, Flagships, CSA - TRL conditions



Importance to verify that you are in the good topic  
→ check the TRL targets!

- TRL 1 – basic principles observed
- TRL 2 – technology concept formulated
- TRL 3 – experimental proof of concept
- TRL 4 – technology validated in lab
- TRL 5 – technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 6 – technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 7 – system prototype demonstration in operational environment
- TRL 8 – system complete and qualified
- TRL 9 – actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)

## ► Differences between RIA, IA, Flagships, CSA - Funding rate

Type of action	Funding rate
RIA	100%
IA including Flagships	Up to <b>60%</b> of the eligible costs (except for non-profit legal entities, where the funding rate is up to 100% of the total eligible costs)
CSA	100%

- For IAs, especially Flagships, applying to a national French scheme is an interesting way to optimize the funding of your project (the cost bases must be strictly distinct, no double funding!).
- French call for proposals “1ère usine” coordinated by BPI supports industrialization of SMEs in France.



# ► Differences between RIA, IA, Flagships, CSA - IKOP

- Special IKOP sub-criteria for Innovation Actions (including Flagships)
  - IKOP = In-Kind Contribution to Operational Activities
  - IKOP is brought by members of the BIC only. Certificates of BIC membership must be annexed to the proposal.
  - IKOP must be at least 15 % for Innovation Actions, and 20 % for Flagships.
- How to become a BIC member ? (Mandatory before call deadline)
  - An open and fast procedure to become an industry member, either as “full member”, or as temporary “project member” until the evaluation has been performed.
  - <https://biconsortium.eu/membership>
  - Annual membership fees (to be paid only if proposal is accepted for temporary members): 30.000€ for large industry, 5.000€ for SMEs, between 1.000 and 5.000€ for other categories.



CALL MANAGEMENT RULES AND CONDITIONS  
IKOP examples

## EXAMPLE INNOVATION ACTION – FLAGSHIPS

TRESHOLD EVALUATION SUB-CRITERIA 20% IKOP

Requesting less CBE JU contribution will increase the IKOP

Example 1 (IA-FLAGSHIP)	JU member	industry/ academia	Total eligible costs	Funding rate	CBE JU contribution	IKOP
Coordinator (BIC member)	Y	industry	€ 7,000,000.00	60%	€ 4,200,000.00	€ 2,800,000.00
Beneficiary 1	N	academia	€ 590,000.00	100%	€ 590,000.00	
Beneficiary 2 (BIC member)	Y	industry	€ 5,000,000.00	60%	€ 3,000,000.00	€ 2,000,000.00
Beneficiary 3	N	industry	€ 3,000,000.00	60%	€ 1,800,000.00	
Beneficiary 4	N	academia	€ 800,000.00	100%	€ 800,000.00	
TOTAL			€ 16,390,000.00		€ 10,390,000.00	€ 4,800,000.00
PERCENTANGE IKOP (eligible costs incurred by private members in implementing indirect actions less the contribution of CBE JU)						29.3%

## ► Differences between RIA, IA, Flagships, CSA - Others

### Scoring threshold:

Criteria	Threshold	IAs factor (ranking)
Excellence	3/5	n/a
Impact	<b>4/5</b>	<b>x 1,5</b>
Implementation	3/5	n/a
TOTAL	<b>11/15</b>	n/a

### Priority order in case of identical scores:

- RIA and CSA: Excellence >>> Impact
- IA including Flagships: Impact >>> Excellence

### Proposal page limit:

- RIA: 50 pages
- IA: 70 pages
- CSA: 30 pages

### Environmental sustainability and circularity –

#### Ex-post evaluation:

- RIA: Dedicated task in the work plan
- IA non-Flagship: dedicated task or Work Package (WP) (LCA)
- Flagship: dedicated task of WP (LCSA)

### Economic aspects:

- RIA: Economic viability
- IA including Flagship: Business case and Business model
- Flagship: Business Plan (mandatory annex)

## ► Differences between RIA, IA, Flagships, CSA - Others

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- Hearing are part of the Flagships evaluation and allow to clarify Business Plan and especially commercially sensitive data that applicants are usually hesitant to put in their proposals.
- Web conference during the evaluation. Should take place in November.
- Hearings' goal is to provide clarifications especially on sensitive / confidential information (not provide new information) about the Business Plan.
- However, the submitted Business Plan must already fully developed, clear and complete.
- To be noted that the Business Plan is about the main product being upscaled so typically related to the project Coordinator owning the product, but other partners could also be part of it if they are involved in the future further commercialization of this product.
- No template provided by the CBE for the Business Plan as applicants already have the capacity to prepare it.

# Answers to questions (Part 1 out of 5)



Topics of interest  
identified for  
cluster members

▶ and

How to write a  
good proposal



**Nicolas Lusinier**

Innovation Consultant – Research and  
innovation funding

PNO Consultants

[nicolas.lusinier@pnoconsultants.com](mailto:nicolas.lusinier@pnoconsultants.com)

+33 (0)6 82 58 41 56

# Full list of 2024 Call topics

No competition between topics!!

The 2024 call marks the second-largest call in the history of the BBI/CBE programs!

Type	Topic	Budget (million €)	Number of proposals to be selected
FLAG	Bio-based value chains for valorisation of sustainable oil crops	20	1
FLAG	Bio-based dedicated platform chemicals via cost-effective, sustainable and resource-efficient conversion of biomass	20	1
FLAG	Bio-based value chains for valorisation of sustainable natural fibre feedstock	20	1
IA	Bio-based materials and products for biodegradable in soil applications	15	2
IA	Sustainable microalgae as feedstock for innovative, added-value applications	15	2
IA	Enlarging the portfolio of commercially produced "Safe and Sustainable by design" (SSbD) solvents	15	2
IA	Circular and SSbD bio-based construction & building materials with functional properties	15	2
IA	Selective and sustainable (co)-production of lignin-derived aromatics	15	2
IA	Innovative bio-based adhesives and binders for circular products meeting market requirements	15	2
IA	Innovative conversion of biogenic gaseous carbon into bio-based chemicals, ingredients, materials	15	2
RIA	Valorisation of polluted/contaminated wood from industrial and post-consumer waste streams	7	2
RIA	Biotech routes to obtain bio-based chemicals/materials replacing animal-derived ones	7	2
RIA	Sustainable, bio-based alternatives for crop protection	10	2
RIA	SSbD bio-based coating materials for applications under demanding and/or extreme conditions	7	2
RIA	Innovative bio-based food/feed ingredients	7	2
CSA	New forms of cooperation in agriculture and the forest-based sector	4	1
CSA	Mobilise inclusive participation in bio-based systems and supporting the CBE JU widening strategy and its action plan	3	1
CSA	Supporting the CBE JU Deployment Group on Primary Producers	3	1
Total		213	30

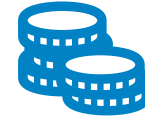
# HORIZON-JU-CBE-2024-IAFlag-03 Bio-based value chains for valorisation of sustainable natural fibre feedstock



**Type of action:** IA Flagship  
**TRL at project end:** TRL 8



**Indicative budget:** 20 M€  
**Expected EU contribution per project:** 20 M€



**Funding rate:** 60 % to 100 %

Facilitate the large-scale deployment of fibre crops and wood fibres for biorefining applications.

## Expected outcomes:

- Implementation of (environmentally and economically) sound value chains for biorefinery applications based on sustainable bio-based fibre feedstock, enabling diversification of business opportunities and income sources for all actors in the bio-based sectors via cooperation between primary producers and bio-based industries.
- Availability of bio-based products (based on fibres) meeting market requirements including via application testing.
- Contribution to revitalization of European rural areas.

## Scope:

- Developing and deploying sustainable climate-positive **natural fibre feedstock** is essential for supporting numerous existing bio-based value chains as well as for potentially creating new ones. Sustainable agricultural and forestry practices can deliver feedstock meeting industry requirements (such as fibre yield, quality) while ensuring all aspects of sustainability.
- Establishment of industrial fibre crop production systems, compatible with the biodiversity protections and enhancement, and soil health, not interfering with (and where applicable taking advantage of synergies with) with food value chains through sustainable cultivation practices as well as maintenance or enhancement of soil health, soil carbon sequestration potential, soil regeneration, contributing to environmental benefits.
- The scope includes fibres from primary non-woody crops and/or wood-based fibres, as well as fibres from the respective residues and side streams. Both long and short fibre applications are in scope. **Natural fibres (including modified fibres)** are in scope, while synthetic bio-based fibres are excluded.

## Other:

- **Multi-actor approach** and **SSbD assessment** mandatory.
- Link with the missions 'A Soil Deal for Europe' and 'Restore our Oceans and Waters'.

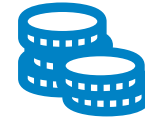
# ► HORIZON-JU-CBE-2024-RIA-04 SSbD bio-based coating materials for applications under demanding and/or extreme conditions



**Type of action:** RIA  
**TRL at project end:** TRL4-5



**Indicative budget:** 7 M€  
**Expected EU contribution per project:** 3.5 M€



**Funding rate:** 100%

Facilitate the deployment of sustainable bio-based coatings.

## Expected outcomes:

- Diversified portfolio of bio-based coatings with high technical performances.
- Increased range of applications of bio-based coatings into final products used under demanding and/or extreme conditions.
- Improved sustainability and circularity compared to existing counterparts.
- Improved health and safety profile compared to existing counterparts.

## Scope:

- **Develop innovative and efficient processes** to obtain **SSbD bio-based alternative(s)** to conventional **coatings** for **applications under demanding and/or extreme conditions**. One or more relevant end-use sectors could be targeted, without limitation.
- **Assess the functional properties** of the developed coatings against application-driven parameters. **Involve end users in the testing and validation** activities. **Address the end-of-life of the targeted final products**.
- Integrate a prospective assessment based on the **SSbD framework**.
- Perform a **preliminary techno-economic feasibility analysis** of the subsequent scale-up phase, including market considerations.

The main technical challenges in developing bio-based coatings are obtaining stable and homogenous formulations meeting market requirements in term of performance while showing potential cost-effectiveness in the perspective of further scale-up.

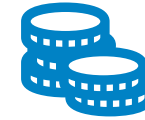
# ► HORIZON-JU-CBE-2024-RIA-05 Innovative bio-based food/feed ingredients



**Type of action:** RIA  
**TRL at project end:** TRL 4-5



**Indicative budget:** 7 M€  
**Expected EU contribution per project:** 3.5 M€



**Funding rate:** 100%

Contribute to the development of sustainable and healthy bio-based food and feed ingredients other than proteins.

## Expected outcomes:

- Increased availability of affordable bio-based functional ingredients for food and feed with high nutritional and health properties.
- Increased safety and sustainability of food and feed value chains.
- Reduction of use of food and feed ingredients from unsustainable sources.
- New and better organoleptic and nutritional properties for healthy food and feed ingredients, increasing consumer acceptance.

## Scope:

- **Develop innovative food and/or feed ingredients from sustainably sourced bio-based feedstock.** The innovation in scope can be related to i) **breakthrough processes** to obtain known food/feed ingredients, **and/or** ii) **novel food/feed ingredients**. Ingredients in scope: bioactive compounds, antioxidants, prebiotics, postbiotics, vitamins, peptides, oligosaccharides; fats; emulsifiers; taste, texture, palatability and digestibility enhancers; colourants, functional/'precision proteins' among others. Besides the **technical properties** of the targeted ingredients, proposals should also consider their **affordability**. The production of bulk proteins, fibres and carbohydrates used as main nutritional component is not in scope per se; however the development of complex food and feed formulations involving the application of innovative functional ingredients working in synergy with them is in scope.
- Pay particular attention to **environmental, social and economic sustainability** of the chosen pathway.
- Consider **downstream** separation and purification **processes** to meet the targeted quality for final application aligned with food **and safety legal requirements**.
- **For circular solutions, adopt monitoring solutions** to ensure that neither pathogens nor contaminants from the starting residual stream is injected back in the loop.
- **Test the properties** of the functional ingredients developed, alone and/or in combination and, if applicable, their effect on product formulations.
- **Address the regulatory aspects relevant to the targeted end market(s)**, ensuring compatibility in the perspective of potential future scale-up.
- **Involve end users** starting from the early stages of development to assess market acceptance of the new ingredients. When addressing consumer products, involve consumers to gain insight of their perception and future chances of market uptake.

## Other:

- **Multi-actor approach** mandatory.

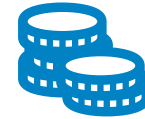
# ► HORIZON-JU-CBE-2024-RIA-03 Sustainable, bio-based alternatives for crop protection



**Type of action:** RIA  
**TRL at project end:** TRL 4-5



**Indicative budget:** 10 M€  
**Expected EU contribution**  
**Per project:** 5M€



**Funding rate:** 100%

Contribute to the transition to a sustainable and environmental friendly agriculture through the development of sustainable biobased products for crop protection.

## Expected outcomes:

- Increased availability of widely accessible and cost-efficient alternatives for prevention and (bio)control of plant pest with improved environmental performance.
- Reduced reliance on hazardous plant protection products and favour low risk plant protection solutions, to sustain crop productivity and food security while contributing to sustainable agriculture and/or forestry.
- Minimised pesticides impact on human and animal health, terrestrial and aquatic ecosystems, drinking water, soils and the food chain.

## Scope:

- **Develop and test innovative processes** for obtaining **safe and sustainable bio-based alternatives** for crop protection. Development of fertilisers (including biostimulants) is not in scope but proposals can explore synergistic strategies employing crop protection products and fertilisers.
- **Assess the potential risks and benefits of the chosen alternative** in view of safety and sustainability in accordance with established scientific risk assessment methodologies and relevant EU regulatory frameworks related to their manufacturing and placing on the market. Where applicable, a comparison with the fossil-based state-of-the-art counterparts should be added.
- **Develop and test the effectiveness of alternatives to chemical synthetic pesticides for selected crops covering a variety of climatic and soil conditions.** Address innovative solutions for product delivery on field, including precision farming approaches through enabling digital technologies and/or formulation and optimisation aspects to ensure controlled release at an optimal dosage.
- **Implement a participatory approach fostering the cooperating among farmers and biobased industries** in Europe including the exchange of knowledge and best practices, capacity building, training and education activities enabling farmers/growers to adopt the proposed solution reducing the use and risk of chemical synthetic products for crop protection.

## Other:

- **Multi-actor approach** mandatory.
- Integrate a prospective assessment based on the **SSbD framework**.
- Consider liaison with mission 'A Soil Deal for Europe', in particular with activities concerning the objectives 'reduce soil pollution and enhance restoration' and 'improve soil structure to enhance soil biodiversity.'

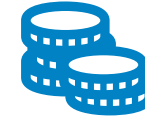
# HORIZON-JU-CBE-2024-CSA-01 New forms of cooperation in agriculture and the forest-based sector



**Type of action:** CSA  
**TRL at project end:** Non-technological action



**Indicative budget:** 4 M€  
**Expected EU contribution**  
**Per project:** 4 M€



**Funding rate:** 100%

Facilitate the creation and uptake of innovative forms of cooperation among primary producers and bio-based industries.

## Expected outcomes:

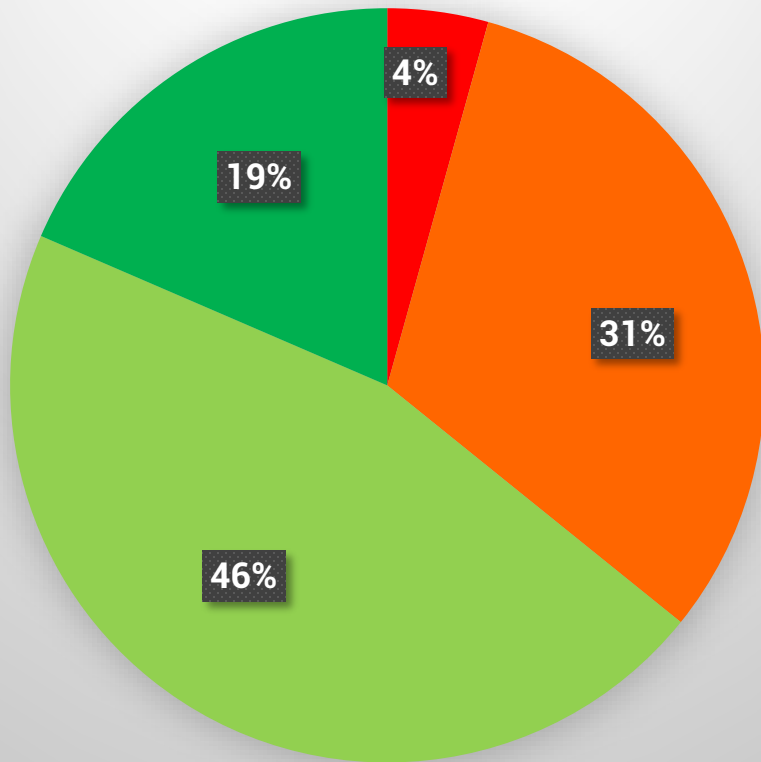
- Identification of new forms of cooperation among primary producers and other rural actors, and between them and bio-based industries, in circular bio-based businesses.
- Increased potential of innovative cooperative and circular bio-based business models for primary producers and other rural actors in different regions and pedo-climatic zones in Europe.
- Better awareness on the added-value bio-based products (including e.g. food ingredients or food supplements) and products with improved sustainability characteristics (e.g. resource efficiency, environmental impact, circularity, social sustainability, etc.) and their scaling up potential.
- Creation of 'green', fair and skilled jobs and new and local business opportunities with potential for replication across the EU.
- Identification of new forms of cooperation of primary producers and other rural actors in circular, biobased businesses.
- Improved circularity and resource efficiency of bio-based value chains via practical application of circular bioeconomy, encompassing the resource- and energy-efficient, cascading use of sustainably sourced biomass.
- Significantly improved sustainability, strategic autonomy, resilience and competitiveness of the European primary sectors while reducing the fossil feedstock dependence.

## Scope:

- Assess the feasibility and suitability of new forms of cooperation among primary producers.
- Develop wider value networks, clusters, and other forms of collaboration in the bio-based sectors and stimulate the interactions between the key actors.
- Use of technologies and logistics in a symbiotic and resource-efficient way to further accelerate the deployment of a circular and sustainable bioeconomy.
- Identify and develop solutions to overcome the barriers for the valorisation of underutilised biomass.
- Demonstrate the economic and sustainable feasibility of the production of high added-value bio-based products with tangible market applications, thereby following the food first and the cascading use principles.
- Develop economic viable long-term business plans and marketing strategies as well as other non-financial benefits.
- Develop environmental impacts assessment models as well as social benefits to constantly optimising the production along the entire value chain.
- Identify bottlenecks and opportunities in existing EU level policy frameworks in order to facilitate creation and uptake of innovative forms of cooperation among primary producers and bio-based industries.
- Support the piloting and scaling up of the production of new high-added-value products including under the innovative regional clusters.
- Develop suitable governance models to ensure the practical feasibility of implementing such cooperations in specific and varying institutional contexts across European countries.

## ► 2023 results

162 proposals submitted



- 7 proposals did not pass eligibility and admissibility, or were withdrawn
- 51 proposals did not pass one or more of the evaluation thresholds
- 74 proposals were above the evaluation thresholds, but below the funding available
- 30 proposals were invited for Grant Agreement Preparation



## ► Top 5 shortcomings & weaknesses highlighted by the CBE

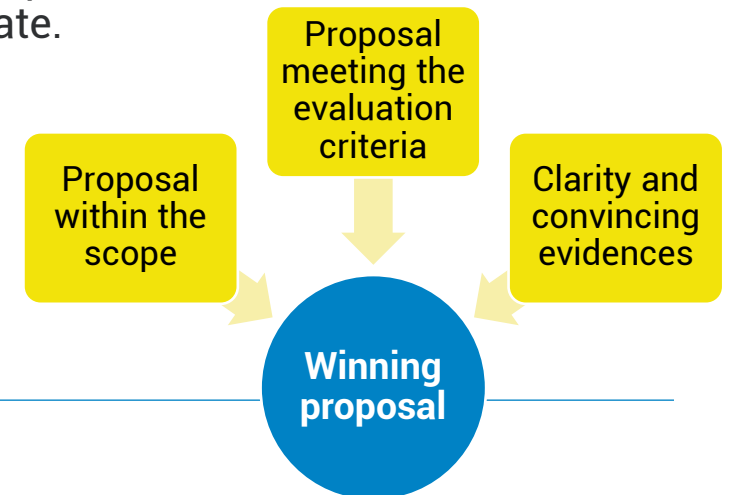
### Scoring principles:

0/5	Fails to address the criterion	3/5	Good (number of <b>shortcomings</b> )
1/5	Poor (serious inherent <b>weaknesses</b> )	4/5	Very good (small number of <b>shortcomings</b> )
2/5	Fair (significant <b>weaknesses</b> )	5/5	Excellent (any <b>shortcoming</b> is minor)

Top 5 (+1) most common <u>shortcomings</u> ordered by frequency	Top 5 most common <u>weaknesses</u> ordered by frequency
1. Impact – Expected outcomes	1. Excellence – Methodology
2. Implementation – Work plan	2. Excellence – Ambition level, going beyond SOTA, TRLs
3. Excellence – Ambition level, going beyond State of the Art (SOTA), TRLs	3. Excellence – Scope
4. Implementation – Risk & mitigation measures	4. Impact – Expected outcomes
5. Excellence – Scope	5. Implementation – Work plan
6. (For RIAs: Impact – Economic viability check)	

## ► Tips and tricks

- ✓ **Familiarise yourself with all the CBE documentation** including “umbrella documents” to fully understand the CBE context, high-level strategic objectives and priorities to be able to explain how your project is not only matching the topic requirements but will also provide valuable contribution to those objectives and priorities. ([CBE JU AWP 2024\\_0.pdf \(europa.eu\)](#), [cbeju-sria.pdf \(europa.eu\)](#))
- ✓ Anticipate by starting to **prepare your proposal early**. The CBE has shown a correlation between early start-up and a high success rate
- ✓ Build and close as soon as possible a **solid consortium** covering all the requirements.
- ✓ The information needed by the evaluator should be easy to find in your proposal → have clear understanding of all the evaluation criteria and the structure of the template.
- ✓ Be ambitious but credible and realistic.
- ✓ Justify your claims. The proposal must be clear and convincing.



# Answers to questions (Part 2 out of 5)



## PNO presentation and CBE-related track record



**Nicolas Lusinier**

Innovation Consultant – Research and  
innovation funding

PNO Consultants

[nicolas.lusinier@pnoconsultants.com](mailto:nicolas.lusinier@pnoconsultants.com)

+33 (0)6 82 58 41 56

# About PNO



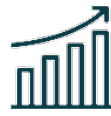
**35+**

Years of  
experience



**8**

Countries



**2K+**

Funding  
applications  
per year



**10K+**

Research  
partners



**€1 B**

Project total  
costs

## Partners PNO

- GIA Sweden, [www.giasweden.com](http://www.giasweden.com)
- BMGZ, USA, [www.bmgzstrategies.com](http://www.bmgzstrategies.com)
- Rödl & Partners, Central and Eastern Europe, [www.roedl.com](http://www.roedl.com)

# UNIQUE SUCCESS FOR PNO & ARTTIC IN CBE – 9 FUNDED FLAGSHIPS!



Construction of a first-of-its-kind industrial unit of production of natural ingredients from microalgae cultivation.



Construction of the first industrial unit of production of Cyrene™.



Construction of the first biorefinery inside the chemical platform "CHEMESIS".



Flagship demonstration of industrial scale production of nutrient resources from mealworms to develop a bioeconomy new generation.



Large-scale plant producing a high-quality protein ingredient and innovative commercial products for the food, pet food and aquaculture sectors.



AgriChemWhey

An integrated biorefinery for the conversion of dairy side streams to high value bio-based chemicals.



Construction of the biggest 2G lignocellulosic biorefinery in Europe.

+ 2 NEW FLAGSHIPS CHOSEN FOR FUNDING (EXPECTED START JUNE 2024)

# CENTRALISED PROCESS MANAGEMENT



Onboarding external stakeholders

- For each project, a dedicated team with :
- 1 senior consultant
  - 1-2 technical consultants
  - 1 financial consultant

# Answers to questions (Part 3 out of 5)



# ► Arbiom testimony

Coordinator of the IA Flagship  
SYLPLANT project, and member of  
the BIC

**Nolwenn Paugam**

## ▶ Arbiom testimony

See Arbiom dedicated presentation.

# Answers to questions (Part 4 out of 5)





## Xylofutur and Innov'Alliance

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## ► Xylofutur and Innov'Alliance



- **Augmenter la participation de Xylofutur et de ses membres dans les projets européens**

- Veille sur les appels à projet
- Faciliter l'accès à l'information (centralisation et synthèse des documents)
- Aide à la recherche de partenaires et à l'intégration dans des consortiums européens

- **Service Europe**

- Aide au montage des projets
- Soutien à la gestion des projets

Contact: [Claudia.antoniotti@xylofutur.fr](mailto:Claudia.antoniotti@xylofutur.fr)



### **Accès facilité aux financements européens**

- Veille sur les appels à projets
- Webinaires et evennements d'information

### **Accompagnement au montage de projets européens**

- Identification et proposition d'AAP européens de manière ciblée
- Diagnostic des besoins et des opportunités à l'Europe
- Promotion des dispositifs d'aide régionaux dédiés au montage de projets européens
- Mise en relation avec des consultants de confiance
- Aide à la recherche de partenaires au niveau européen, grâce aux réseaux du pôle
- Relecture des dossiers avant dépôt
- Valorisation et communication de vos succès !

> Contact: [sara.botti@pole-innovalliance.com](mailto:sara.botti@pole-innovalliance.com)

# Answers to questions (Part 5 out of 5)





Thank you for your attention

Any question?

**Sources:**

[Documents | Circular Bio-based Europe Joint Undertaking \(CBE JU\) \(europa.eu\)](#)