



Presentation of BIC

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The Bio-based Industries Consortium (BIC)

BIC membership in figures

- > 240 industry members (large enterprises, SMEs and SMEs in clusters), includes brand owners/market actors
- *Sector represented:* Agriculture, food & feed, Aquaculture and marine, Chemicals and materials, Forestry and pulp & paper, Market actors, Technology providers, Waste management & treatment
- > 200 associate members i.e. universities, RTOs, associations, etc.





Mission

- We connect industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications.
- We create circular bioeconomy ecosystems through investments, innovation and know-how.



BIC2.0

BUSINESS PLAN



The innovative, sustainable and competitive bio-based industry in Europe is the leader of a circular bio-society in Europe by 2050

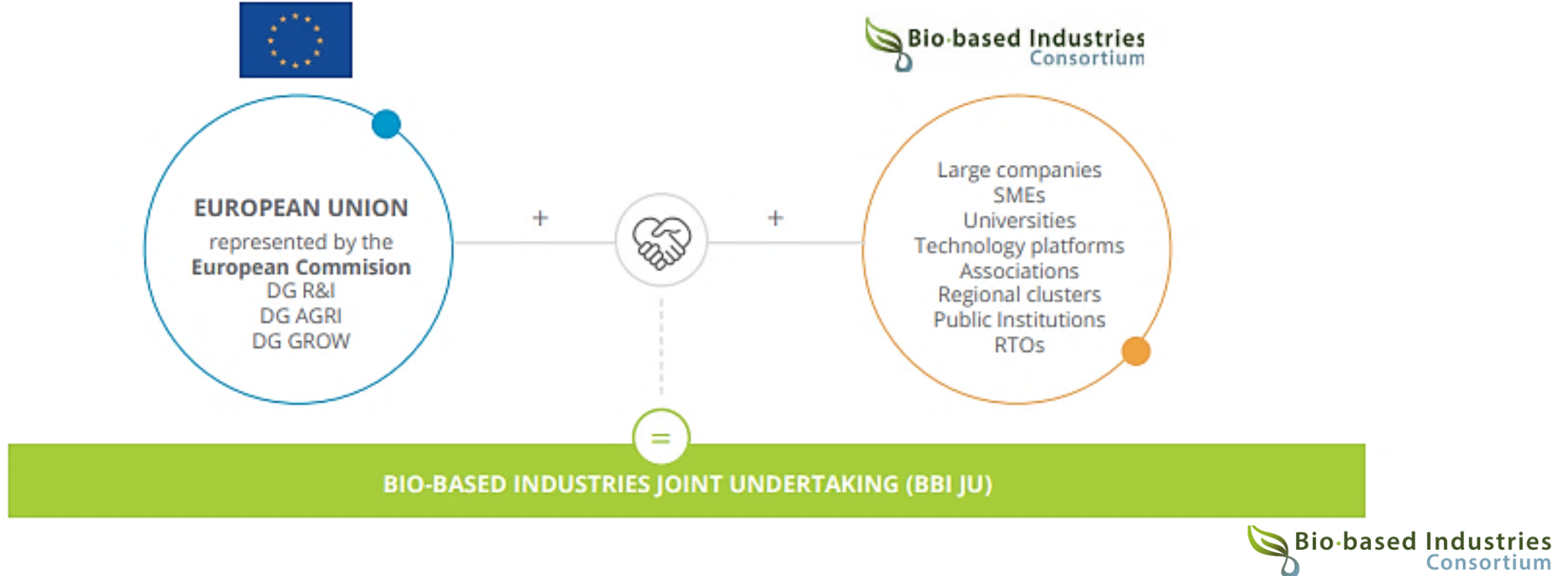


We connect industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications, and create circular bioeconomy ecosystems through investments, innovation and know-how



Public private partnership: from BBI to CBE

BBI JU & CBE JU: Partnership between industry (BIC) and EC



Bio-based value chains envisioned in the BBI Initiative

Biomass and organic waste

From the agro-based industries

- Feedstock originating from the agriculture and agro-food industries
- Agricultural crops such as flax, hemp and fibre
- Co-products, side streams, and residues from the agriculture, including animal manure and from the agro-food industries, including residues from food processing plants

From the forest-based industries

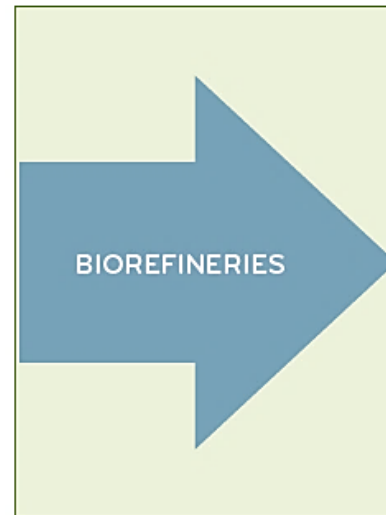
- Feedstock originating from the forest and forest-based industries
- 'Woody and non-wood forest feedstock'
- Co-products, side streams, and residues from the forest and forest-based industries, including the wood industry, saw mills, Paper and Pulp

From the aquatic-based industries

- Feedstock originating from the aquatic and aquatic-based industries, including aquaculture, the fish and fish processing industries
- Co-products, side streams and residues from the aquatic and aquatic-based industries

Bio-waste and CO₂

- Biodegradable garden and park waste
- Food and kitchen waste from households, restaurants, caterers and retail premises
- Waste water and sludge
- CO₂



Bio-based products & markets

- Bio-based chemicals
- Bio-based plastics, polymers, materials, packaging
- Specialties (for example bio-based surfactants, lubricants, pharmaceuticals, nutraceuticals, cosmetics)
- Textiles
- Food ingredients and feed
- Advanced biofuels



Demonstration plants are represented by the locations that receive the main investment in the project



Flagship biorefinery



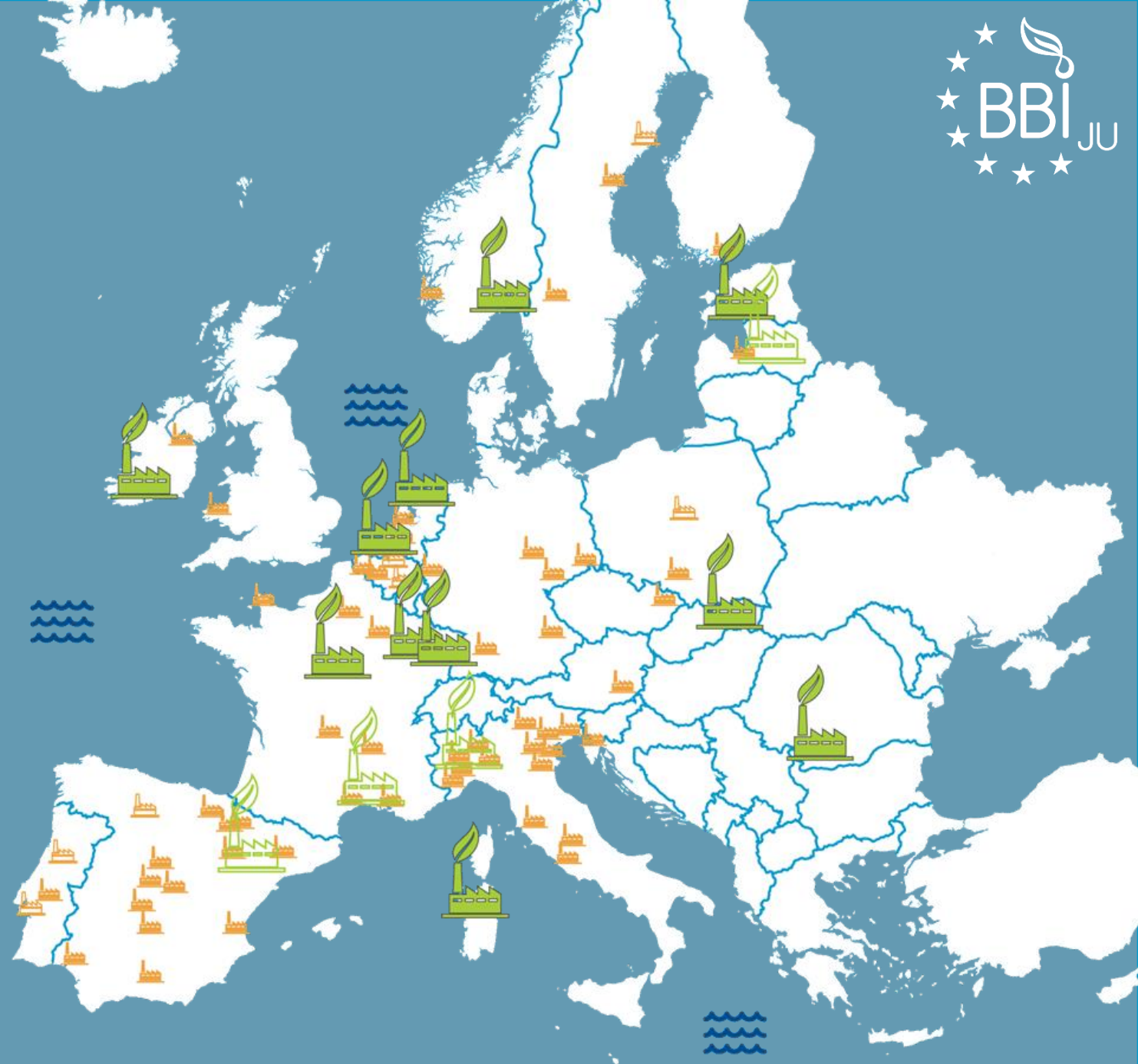
Expected flagship biorefinery Call 2020



Demonstration plant



Expected demonstration plant Call 2020



From BBI JU to CBE JU - Vision 'The circular bio-society in 2050'

Broader base and expanding into the society



By 2050, Europe will have a **sustainable** and **competitive** bio-based industry providing jobs and growth that contribute to a **circular bio-society**. In this circular bio-society, **informed citizens** choose a sustainable way of life, supporting an economy that couples economic growth with **societal well-being** and respect for the **environment**.

→ Learn more at www.biosocietyvision.eu

Vision 'The circular bio-society in 2050'

BIC coordinates a broad field of stakeholders

*The Vision is the result of **the collective work** by the Bio-based Industries Consortium (BIC) and its members, the BBI JU's advisory bodies: the States Representatives Group and Scientific Committee, and:*

- ✓ **European Bioeconomy Alliance (EUBA) and its members:**
 - ✓ Confederation of European Forest Owners (CEPF);
 - ✓ Confederation of European Paper Industries (CEPI);
 - ✓ European Association for Bioindustries (EuropaBio);
 - ✓ European Association of Sugar Producers (CEFS);
 - ✓ European Bioplastics (EUBP);
 - ✓ European Farmers and European Agri-Cooperatives (Copa-Cogeca);
 - ✓ European Renewable Ethanol Producers Association (ePURE);
 - ✓ European Starch Industry Association (Starch Europe);
 - ✓ European Vegetable Oil and Protein Meal Industry (FEDIOL);
 - ✓ Forest-based Sector Technology Platform (FTP)
 - ✓ Primary Food Processors (PFP)
- ✓
 - European Agricultural Machinery Industry (CEMA)
 - European Chemical Industry Council (Cefic)
 - European Technology Platform 'Food for Life'
 - European Technology Platform for Sustainable Chemistry (SusChem)

The Institute for European Environmental Policy (IEEP) has been consulted in this process.



From BBI to CBE

Announced by EC on 23 February 2021

Circular Bio-based Europe:

This partnership will contribute significantly to the **2030 climate targets**, paving the way for climate neutrality by 2050, and will increase the **sustainability and circularity of production and consumption** systems, in line with the European Green Deal.

It aims to develop and expand the sustainable sourcing and conversion of biomass into bio-based products as well as to support the **deployment of bio-based innovation at regional level** with the active involvement of local actors and with a view to reviving rural, coastal and peripheral regions.

Timeline: CBE JU decision and entry in force in 2021

Milestones for transition from BBI to CBE

23 February: EU Commission proposal for Single Basic Act (“SBA”). Council regulation for Joint Undertaking under Horizon Europe, including CBE JU

by 30 June (TBC under Portuguese Presidency): Council to adopt SBA

17 September (TBC): EU Parliament to give consent on SBA

In November: SBA “entry into force”, CBE JU can formally start work

By Dec 2021/Jan 2022 (TBC): 1st call for grants under CBE JU

In parallel: BIC-EU Commission-BBI working together on transition to CBE JU, in particular formation of CBE Bodies, programming documents (AWP, SIRA), transformation of BBI PO to CBE PO

SIRA2030 and AWP2021-2022

Status update June '21

The SIRA2030:

- Co-creation between BIC and the EC; building on and restructuring the Draft3 SIRA2030 (June '20)
 - With consultation of stakeholders on both private and public sides
 - Target final and mutually agreed version by 4Q21
- Focuses on realising the objectives of CBE (see Proposal for a Council Regulation to establish the JU European Partnership for a CBE)
 - **Accelerate the innovation process and development of bio-based innovative solutions**
 - **Ensure a high level of environmental performance of bio-based industrial systems**
 - **Accelerate market deployment of existing mature and innovative bio-based solutions**
- Defines key performance indicators and milestones for 2030

The AWP 2021 – 2022

- One AWP for first two years of CBE; built on priorities for 2021-2022 selected from the SIRA2030 (Priority Paper 2021 – 2022; TBA)
- Target final version for GB adoption by yearend 2021
- Call 2021-2022 target launch 1Q22 (assuming CBE is up and running)

Thank you!
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