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

BIC 2.0

VISION

BIC’S MISSION

BBI & CBE JU
CBE related activities

BUSINESS
Connections & Market Intelligence

SUPPORTING ACTIVITIES
Specific activities to achieve a favourable framework for the bio-based industries

SOCIETY
Awareness, knowledge & acceptance, education

FINANCE
Mobilise public and private finances & investors

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.
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.
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.
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
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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