The Bio-based Industries Joint Undertaking
The future is bio-based!

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Public-Private Partnership
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EU Bioeconomy Strategy. Bio-based industries: the new wave of industrialisation

- Worldwide, the Bioeconomy race is now!
  - According to Pike Research almost **1800 biorefineries to be commissioned globally until 2022** (e.g. US, Brazil, China, Malaysia, India, Thailand);
  - $1.4 billion of public funding was allocated to the development of **advanced biofuels** in the US in 2011;
  - **Third country investments** strongly focused on **conventional biorefineries** using food crops;
  - **EU focuses on advanced biorefineries** that use agricultural and forestry residues and biowaste fractions, while respecting sustainability criteria and creating growth and jobs at regional level.
Why a Public Private Partnership?

- A **clear framework** that brings clarity for activities & investments.
- Long term stability and predictability.
- A **joint approach, across sectors, across nations**.
- Joint financial commitment and a **jointly defined programme** that will unite parties that would otherwise find these activities to be too risky for an individual sector/company to carry out on its own.
- Leverage further investments.
- Industry driven and therefore result and market-oriented.
BBI JU Focus

Value chain
Bio-based Industries Joint Undertaking

- Adoption of the Council Regulation on the Bio-Based Industries Joint Undertaking on **May 6 2014**;

- Publication in the Official Journal on **June 7 2014** (entry into force on 27 June 2014);

- Launch of the BBI JU on **July 9 2014** as part of the EU’s Innovation Investment Package.
Public Private Partnership supporting R&I for bio-based industries:

- **Partners:** European Commission and Biobased Industries Consortium (BIC)

- **Budget:** €3.705 billion (about 75% from industry)

- **Implementation:**
  - Principles of openness, transparency and excellence
  - Horizon 2020 rules for participation

- **Objectives:** New bio-based value chains for Europe based on 2nd generation/advanced biorefineries.
Private partner: Biobased Industries Consortium (BIC)

More than 170 in one year, and still growing

- 70 Full members
  - 41 Large industries
  - 17 SMEs
  - 12 Clusters

- 121 Associated members
  - 40 Universities
  - 64 RTOs
  - 8 European trade organisations
  - 6 Associations
  - 3 European Technology Platforms (ETPs)

- Sectors covered to date
  - Agriculture
  - Agro-food
  - Forestry / Pulp and Paper
  - Technology providers
  - Chemicals
  - Energy
Implementation through calls for proposals 2014-2020

- As in Horizon 2020 evaluation and selection are made on the basis of excellence, impact and quality and efficiency of the implementation.

- **Annual call for proposals.**
  - 2014 Call publication date: 9 July 2014
  - Call deadline: 15 October 2014
  - Evaluation: ongoing
  - Information on the outcome of the evaluation: January 2015
  - Indicative date for the signing of final grant agreements: March 2015

- The call was published on the Research Participant Portal and follows the standard Horizon 2020 rules.
Social and economic impact

The Bio-based Industries will play an important role in spurring long term sustainable growth and boosting Europe’s competitiveness by re-industrialising and revitalising rural and coastal areas, thus providing:

A new boost for jobs, growth and investment

- Building a strong biobased economy in Europe will create both revenues and jobs directly and indirectly.
- A biobased economy will also increase agriculture and maritime income and improve economic activity in developing rural and coastal regions.

Getting rid of our addiction to fossil oil

- Continuing to lead the fight against global warming.
- Enhancing energy security.
- Market development of "green" products.
Commissioner-designate Moedas has stated that this should be one of the examples where Europe actually is – and will be - the leader.

“Green growth is also about economic growth. If you do not grow in a sustainable way, then do not even bother.”
Thank you