Hurdles to unlock the potential of Bio-Based economy

- Bring all actors / sectors together to **build new biobased value chains**

- **Invest** in R&D, pilot, demonstration and first **industrial** units

- Create a favourable policy environment for **biobased innovation** and **market** development

*Source: Biobased Industries Consortium*
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A double challenge:

✓ Bridge Academia and Industries

✓ Connect academia and industrial actors from (very) different scientific fields and industrial applications

➢ Think beyond “business as usual”!
IAR – THE INNOVATION CATALYST

• THE French Innovation cluster dedicated to the bioeconomy

• A network bringing together the major French bioeconomy stakeholders: large and small; public and private

• To support innovation: through partnerships, collaborative projects and many more services

• To accelerate industrialization of innovative ideas

• Market and business driven to valorize our local biomass

• In cooperation with local, regional, national and European decision makers to enable a supportive policy framework for bio-based industries
IAR – COVERING THE FULL VALUE CHAIN

350+ members: large companies, SMEs, start-ups, academia, VCs, innovation agencies, local authorities

- SMEs, Startups
- Large companies
- Academics
- Others
Strategic working groups

Biofuels
Lignocellulosic ethanol, BtL, algal biofuels…

Biochemicals
Chemical intermediates, biosolvent, biosurfactants, biolubricants, biobased additives,…

Biomaterials
Bioplastics and biocomposites (vegetal fibres)

Bio-Ingredients
Food, Feed ingredients, nutraceuticals, bioactives

Markets
Chemical industries, plastics, transport, automotive, building, packaging, coating, detergents, cosmetics, food, feed, ….

Education & training
Anticipate needs of industry tomorrow

Feedstock
Access to biomass; sustainable intensification
A world class cluster dedicated to bioeconomy

- 350+ members
- 200+ R&I projects
- Total R&I budget: 1.5 bn €

www.iar-pole.com
Bioeconomy partnership facilitator
IAR DO BRASIL CONCEPT

IAR do Brasil federates industry and academy key players from Brazil and France who want to work together to boost companies competitiveness through innovation in the bioeconomy sector.
IAR DO BRASIL FIRST RESULTS

✓ 7 NDA signed
✓ 3 non contractual cooperation partnership agreements
✓ 6 technological partnerships signed
✓ 1 industrial partnership in discussion
✓ 3 companies created in Brazil
IAR – THE FRENCH BIOECONOMY CLUSTER

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