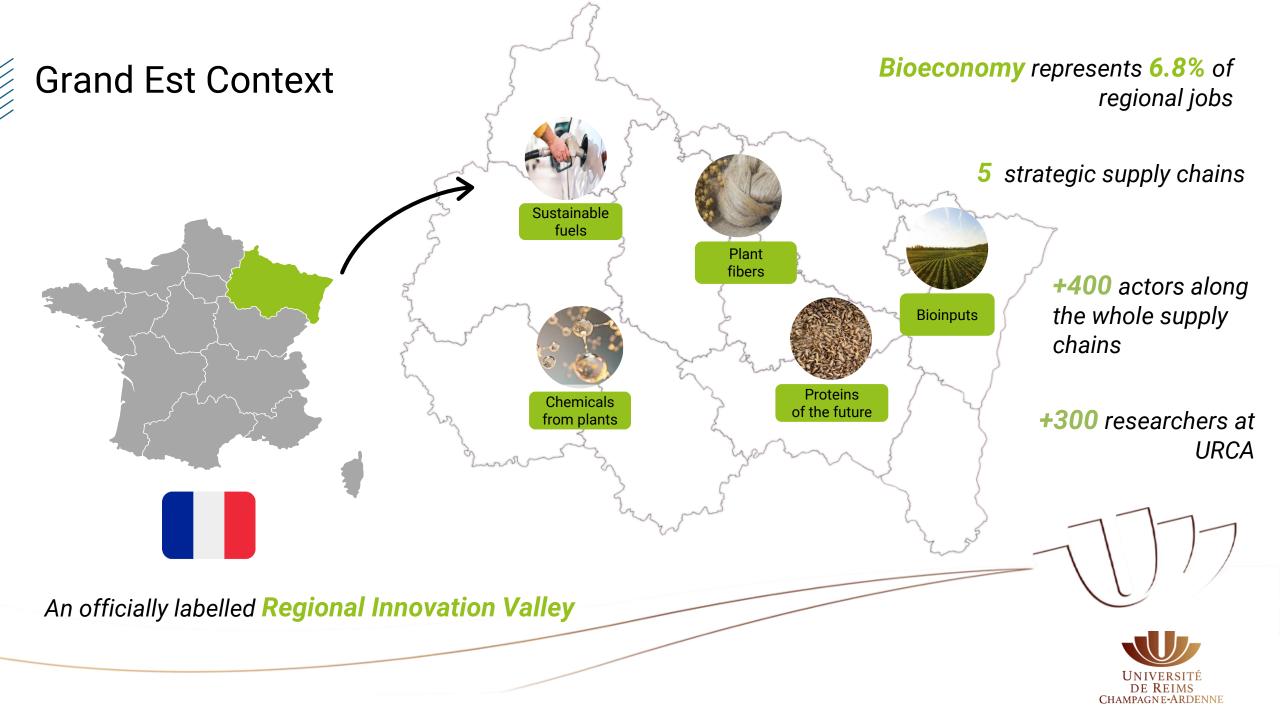
BUILDING A REGIONAL LEARNING COMMUNITY FOR THE BIOECONOMY

University of Reims Champagne Ardenne (URCA) Grand Est, France

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ICA CoP 2025 - Learning Communities for the transformation to the bioeconomy: Innovation by dialogue between partners



A multi-level ecosystem that supports bioeconomy transformation

INSTITUTE EXEBIO



Lever : Research excellence & bioeconomy knowledge creation

Governance:

- Scientific and Academic Council assisted by advisory bodies :
 - · Visiting Committee
 - · Socioeconomic Actors Club
 - · Ambassadors Club

Contribution:

- Co-development of International Master
- Industry-linked summer school
- Research-driven learning community

CMQE BIOECO ACADEMY



Lever : Skills development & training pathways

Governance:

- Ministry of Education
- Region
- Industrial Partners
- URCA
- VET actors

Contribution:

- Awareness-raising actions on bioeconomy
- Early career guidance from middle school onward, helping young learners discover training paths and emerging jobs in the bioeconomy
- Curricula co-designed with industry
- Innovation in pedagogy
- International openness & mobility experiences

INVEST ALLIANCE



Lever : Internationalisation & European educational innovation

Governance

- Steering Committee Board
- Academic Board & Research and Innovation Board
- Stakeholder Committee

Contribution:

- Joint Bachelors: (specialization studies offering 1–2 semesters abroad)
- PhD pathways: Development of cotutelle (joint supervision)
- · Centre of Excellence
- Living Labs

INNOREM



Lever : Innovation, enterpreneurship & territorial impact

Governance

- Steering Committee:
 - URCA
 - national research organisations, grandes écoles
 - university hospital
 - innovation research cluster
 - Region.

Contribution:

- Deeptech Entrepreneurship University Program
- Hackathon Bioeco Camp

Why do we need to bridge learning communities?

DEVELOP LEARNING ECOSYSTEMS

Align education with real territorial needs

E.g., Collaboration with Pomacle—Bazancourt biorefinery, Bioeconomy For Change, and Grand Est Region

- Create seamless learner pathways E.g., Articulation between CMQE Bioeco Academy (Vocational), BIOCEB and EXEBIO Graduate School (Master's & PhD)
- Strengthen URCA's role as a regional knowledge hub

E.g., Shared expertise across industry, regional authorities, European partners (INVEST), and civil society

EXPAND INTERNATIONAL COOPERATION

- Joint programs reinforce shared expertise E.g., BIOCEB Erasmus Mundus Master's and EXEBIO's International Master connects URCA with other universities to co-deliver a common curriculum in bioeconomy.
- Shared pedagogical innovation improves curriculum quality

E.g., Jointly design modules and learning resources raises overall quality

BRIDGE GAP BETWEEN ACADEMIA AND INDUSTRY

FORUM

Co-developed curricula ensure industry relevance

E.g., CMQE Bioeco Academy co-designs training modules according to the regional industrial needs.

 Industry-led experiential learning strengthens employability

E.g., Internships, applied research projects hosted at the Pomacle–Bazancourt living lab.

Regular industry input shapes academic direction

E.g., Advisory boards where industrial partners help refine competencies, research priorities, and emerging skill needs.

Flagship examples that illustrate the model



Thank you for your attention



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