

BIO4SPHERE

BIOeconomy for Sustainable Packaging,
Housing, Engineering & Renewable Energy

An INVEST Summer School

3 ECTS



Online phase: 1st – 20th Sept. 2026

On-site phase: 21st – 25th Sept. 2026

Do you want to be part of the change towards greater sustainability within your region? This INVEST summer school immerses you in the heart of the green transition through the **bioeconomy, sustainable materials, energy and resilient cities**. You'll explore how active packaging, renewable materials and energy, as well as eco-designed buildings can transform the way we live.

Through practical workshops, case-based approaches, discussions with local stakeholders and cultural visits, you will work on a project to co-create solutions to **adapt our lifestyles to climate challenges**. Join us to develop practical skills in sustainable engineering!

PROVISIONAL PROGRAMME

📍 Reims - CMQe BioEco Academy & ESIREims

Day 1: Bioeconomy

As part of Bioeconomy Month organised by the Grand Est region, this event will explore the concept of bioeconomy, helping us grasp its fundamentals and broader implications

Day 2: Durable materials & packaging

This day will include presentations on bio-based and innovative packaging & regulation and European policy, as well as a presentation by the European Hemp Cluster

Day 3: Energy & thermal engineering for sustainability

This day will include presentations on energy and sustainability, bioenergy and waste-to-energy systems, and innovative evaporative cooling systems for buildings

Day 4: Sustainable cities & urban engineering

This day will include presentations on sustainable land use planning, and sustainable building materials, as well as preparation session for roundtables

Day 5: Conclusion of the week

This final day will serve as the conclusion of the week, featuring a roundtable and presentations of the students' projects

ELIGIBILITY REQUIREMENTS

- Bachelor's & Master's students with a background in sustainability sciences
- English level B1 minimum, B2 preferred

REGISTRATION

- INVEST students: free
- Non-INVEST students: 500€ early-bird (until 30th May 2026), 750€ full price

Organiser: University of Reims Champagne-Ardenne

APPLICATION PROCESS

The application process is managed by the student's home university, through a selection committee. Selected students from each partner university will then be registered in the INVEST Virtual Campus by their institution. For more information, you can contact your home university.

QR Code

CONTACT PERSONS IN EACH UNIVERSITY

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ABOUT THE INVEST ALLIANCE

INVEST (INnoVation of REgional Sustainability: European UniversiTY Alliance) brings together seven universities across Europe, all united by a shared commitment to international excellence and innovation. Backed by the European Commission's "European Universities" initiative, INVEST isn't just a partnership, it's a fully integrated, bottom-up network.

Our vision is to build a modern European University that leads the way in introducing sustainable living across the continent. Our goal is to create a collaborative space where students and researchers can:

- Experience higher standards in education and training
- Drive innovation through international synergy
- Take responsibility for building a more inclusive society and a knowledge-based economy

INVEST is about empowering everyone to work together and shape a sustainable future.



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