



# europaean bioeconomy university

**The alliance of excellence in education, research and innovation in the European Bioeconomy**



ALMA MATER STUDIORUM  
UNIVERSITA DI BOLOGNA



UNIVERSITY OF  
EASTERN FINLAND



UNIVERSITY OF  
HOHENHEIM



University of Natural Resources  
and Life Sciences, Vienna



WAGENINGEN  
UNIVERSITY & RESEARCH

## Leading European Universities in Bioeconomy Education

### Master Bioeconomy



University of Hohenheim; Germany

### Master Biobased Sciences



University of Wageningen; Netherlands

### Master BIOCIRCE



University of Bologna, Italy



## Leading European Universities in Bioeconomy Education

### Master Bioeconomy



University of Hohenheim; Germany

### Master Biobased Sciences



University of Wageningen; Netherlands

### Master BIOCIRCE



University of Bologna, Italy

### Forestry based Bioeconomy



University of Eastern Finland



## Leading European Universities in Bioeconomy Education

### Master Bioeconomy



University of Hohenheim; Germany

### Master Biobased Sciences



University of Wageningen; Netherlands

### Master BIOCIRCE



University of Bologna, Italy

### Forestry based Bioeconomy



University of Eastern Finland

### Life Sciences, Agriculture, Forestry, Food



University of Natural Resources  
and Life Sciences Vienna, Austria



AgroParisTech, France



**1 Topic**  
Bioeconomy



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



**3 Challenges**  
Environment – Economy – Society



University of Natural Resources  
and Life Sciences, Vienna



UNIVERSITY OF  
EASTERN FINLAND



**3 Foci**

**1 Aim**



UNIVERSITY OF  
HOHENHEIM



**european  
bioeconomy  
university**

EDUCATION



RESEARCH



INNOVATION



**Creating the Europe's leading intellectual institution for tackling the enormous environmental, economic and societal challenges of the 21<sup>st</sup> century, by:**

- Covering the entire spectrum of bioeconomy dimensions
- Providing an internationally unique and competitive model for a theme-based, system- and future-oriented university that focuses on inter- and transdisciplinary as well as sectoral and European collaboration
- Taking university collaboration to a higher level of joint strategy development and to a new governance model, based on shared beliefs and longstanding cooperation

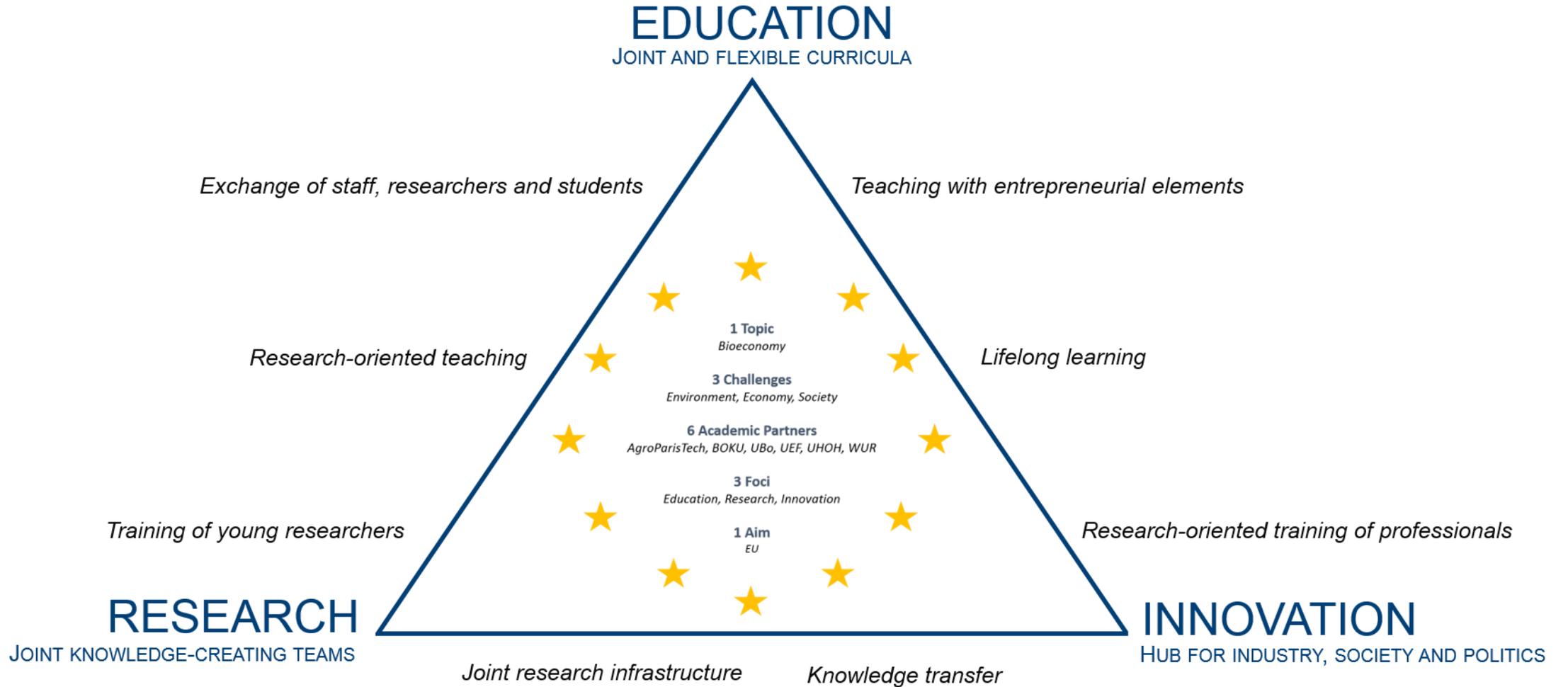
## Our Mission

is the empowerment of the  
European knowledge-based bioeconomy

- ➔ **educating** a new generation of **truly European experts**
- ➔ **fostering** rigorous, relevant and responsible **research**
- ➔ **transferring knowledge** into society and the economy



# Our Strategy





...is to come from the skills demand in the European Bioeconomy and to align bioeconomy curricula across Europe

### ➔ *The European Bioeconomy University Education Strategy*

- Based on systematic **assessment of the skills demand** of the European **bioeconomy industry**
  - including international and larger companies, SMEs and startups - and stakeholders
- Strives for an **inclusive education program** for students on all levels including lifelong learners and professionals:
  - innovative **didactic approaches** for the inclusion of **interdisciplinary, research-oriented learning** and **entrepreneurial thinking** (starting at Bachelor level)
  - **collaborative**, skills-demand-driven **Master study program**
  - **joint summer / winter schools** for promoting Bioeconomy in particular in Central and Southern Europe
  - **common platform** with **online educational material** on the bioeconomy
  - **mobility program** for **students' and lecturers' exchange** between EBU partners
- Strengthens the **involvement of industry and stakeholders in teaching and curriculum development**
- Develops **policy recommendations** for bioeconomy education



...is to strengthen the capacity and competitiveness of European bioeconomy research through co-operation of European research teams

### ➔ *The European Bioeconomy University Responsible Research and Innovation Strategy*

- Systematically assesses the European bioeconomy research environment and develops **joint strategies for excellence**, the exploitation of strengths, and the **closing of research gaps**
- **Collaborative research projects** in the frame of **future international joint research programs**
- **Joint interdisciplinary PhD student training programs** and **mobility programs** for **PhD students and researchers**
- Implementation of **knowledge-creating teams** across the EBU partners
  - Sets up a strategy for the **common use of research infrastructures**
  - Establishes **joint research laboratories** for emerging technologies
- Performs research and provides sound, responsible and relevant **knowledge to decision-makers and stakeholders**
- Develops **policy recommendations** for bioeconomy research



...is to build up a dynamic European network and creative hub for the development, promotion and implementation of the bioeconomy across Europe

### ➡ *The European Bioeconomy University Creative Hub for Knowledge Generation and Transfer*

- Functions as a European **think tank**, which acts on behalf of and can be **accessed by all relevant stakeholders** both in Europe and globally
- Creates a **dynamic networking and cooperation platform** for the EBU and its partners from industry, policy and society
- Sets up a **Knowledge Transfer Platform**
- **Collaborates** with **policymakers** and partners from **academia** and **industry**, e.g. via JRC, BIC and EIT Food KIC
- Develops **communication and public engagement training** for communicating Bioeconomy to the society



# europaean bioeconomy university

**The alliance of excellence in education, research and innovation in the European Bioeconomy**



ALMA MATER STUDIORUM  
UNIVERSITA DI BOLOGNA



UNIVERSITY OF  
EASTERN FINLAND



UNIVERSITY OF  
HOHENHEIM



University of Natural Resources  
and Life Sciences, Vienna



WAGENINGEN  
UNIVERSITY & RESEARCH