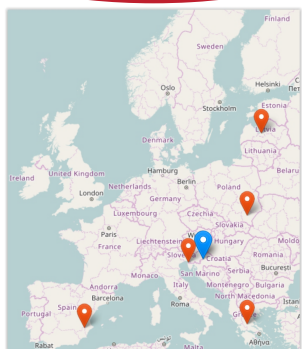


# Project Consortium



## Project coordinator:

Institute for Development and International Relations, **Croatia**

## Partners:

Danmar Computers, **Poland**

University of Thessaly, **Greece**

Biedriba Eurofortis, **Latvia**

The Technological Centre of Furniture and Wood of the Region of Murcia, **Spain**

Ljudska univerza, Zavod za izobraževanje in kulturo, **Slovenia**

InnoRenew CoE, **Slovenia**

# Contact

**IRMO**  
Institut za razvoj i međunarodne odnose  
Institute for Development and International Relations



UNIVERSITY OF  
THESSALY

eurofortis

Centro Tecnológico  
del Mueble y la Madera  
de la Región de Murcia

**CETEM**



LJUDSKA  
UNIVERZA  
ROGAŠKA  
SLATINA



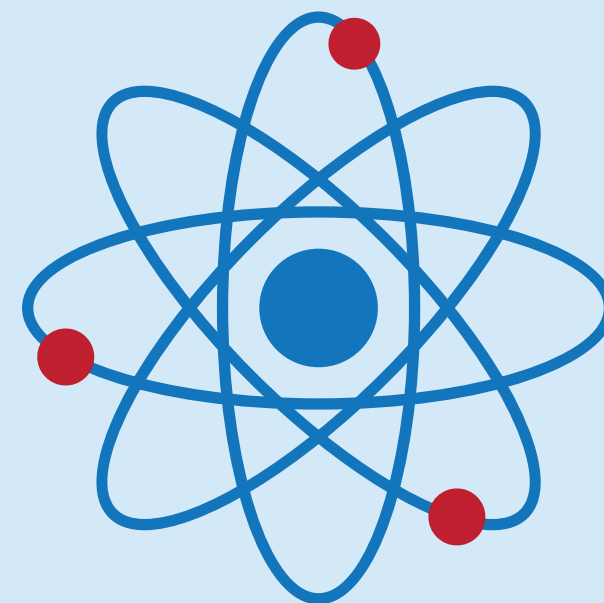
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Erasmus+

[www.bracket.erasmus.site](http://www.bracket.erasmus.site)

Boosting a novel and  
innovative tRAining  
approaCh of Key  
Enabling Technologies



**BRACKET**

2018-1-HR01-KA202-047493



## 101 results: Desk Research

- Croatia and Latvia do not have national laws concerning KETs.
- Greece has strategic documents that recognize the importance of new technologies.
- Spain has largely included KETs in national laws and strategies.
- In Slovenia, KETs are in the jurisdiction of the Ministry of Economic Development and Technology.
- Poland has its own national documents related to KETs.

The whole document is at  
[www.bracket.erasmus.site](http://www.bracket.erasmus.site)

## 101 results: Questionnaire

The degree of skills and knowledge in industry and among VET students:

- General skills  
Now: moderate to very good  
Future needs: essential
- Nanotechnology and biotechnology  
Now: poor to moderate  
Future needs: very relevant to essential
- Advanced materials  
Now: poor/moderate to good  
Future needs: very relevant to essential

## Joint Curriculum

### Unit 1. Introduction to KETs

- Industry 4.0
- Sustainable Development
- Key Enabling Technologies

### Unit 2. Nanotechnology

- Fundamentals on nanotechnology
- Current and emerging applications
- Legislation

### Unit 3. Biotechnology

- Fundamentals on biotechnology
- Current and emerging applications of biotechnology
- Biocatalysts-biotransformations
- Legislation

### Unit 4. Advanced Materials

- Manufacturing of materials with advanced properties
- Graphene and carbon-based materials
- Renewable adhesives and resins
- Advanced engineered wood-based composites

### Unit 5. Innovation regarding KETs

- Innovation management
- Entrepreneurial skills
- E-leadership
- Financing KET projects
- New T&L methods