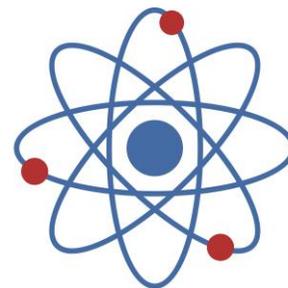


# PROJECT NEWSLETTER



ISSUE 2 - 10/2019

**BRACKET**

2018-1-HR01-KA202-047493

## Boosting a novel and innovative tRAining approaCh of Key Enabling Technologies

### BRACKET INFO

The BRACKET project is a study of the representation of new technologies (nanotechnology, biotechnology and advanced materials) in Vocational Education and Training (VET). In the scope of the project, the situation analysis in the project partner countries will be carried out, as well as the preparation and implementation of a new training program in the field of key advanced technologies and a joint platform for cooperation containing all educational content developed through the project.

*November 1, 2018 - April 30, 2021*

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## SECOND TRANSNATIONAL MEETING



### Second Transnational Meeting

Yecla, 6-7 May, 2019

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The Second Transnational Meeting of the Erasmus + BRACKET Project team was held on 6 and 7 May, 2019 in Yecla, Spain. The meeting was attended by representatives of all project partners: IRMO from Croatia, DANMAR COMPUTERS from Poland, TEI THESSALIAS from Greece, BIEDRIBA EUROFORTIS from Latvia, LURS from Rogaška Slatina and INNORENEW COE from Kopar, Slovenia and the hosts CETEM from Spain.

The analysis of existing education programs in vocational training and higher education and the need to supplement the curriculum in nanotechnology, biotechnology and advanced materials in partner countries have been presented.

The next partner meeting is scheduled in Greece in November 2019.



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*KETs : nanotechnology, biotechnology and advanced materials*

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## WHAT HAS BEEN DONE SO FAR

### IO1. KEY STUDY ON GENERAL NEEDS BY VOCATIONAL EDUCATION AND TRAINING TOWARDS KEY ENABLING TECHNOLOGIES

The result of IO1 is the Key Study, which is based on the questionnaire conducted in Spain, Greece, Croatia, Poland, Latvia and Slovenia. According to the data, the most important general skills in the near future are innovation management, financing KET projects and entrepreneurs competences. The Study analyses the inclusion and relevance of KETs at national level. Inclusion of KETs in National Laws or Strategies is overall at high level among these countries so it can be concluded that policy makers in project partners' countries are aware of importance of Key Enabling Technologies. Moreover, scientists in these countries have a lot of experience with KETs, which provides basis for their further development. However, there is still a gap between National Laws and Strategies and involvement of KETs in educational systems, especially in Vocational Education and Training since there is not enough training content available in terms of KETs. (more on: [https://bracket.erasmus.site/wp-content/uploads/2019/07/IO1-BRACKET-REPORT\\_summary\\_EN.pdf](https://bracket.erasmus.site/wp-content/uploads/2019/07/IO1-BRACKET-REPORT_summary_EN.pdf) )

According to the needs identified in IO1, training paths were designed in terms of necessary areas of knowledge, by providing a core-training path, as well as training modules and their units to address the specific needs for Vocational Education and Training.

### IO2. BRACKET JOINT CURRICULUM

In the scope of IO2 all partners described their national education and qualification system and links between the National Qualification Framework and the European Framework. This served as the basis for the development of the learning outcomes. Learning Outcomes were defined and harmonised to the European qualification system. The following five units and relevant learning outcomes were defined: Introduction to Key Enabling Technologies, Nanotechnology, Biotechnology, Advanced materials and Innovation regarding Key Enabling Technologies. These units were divided into smaller and more manageable sub-units. Such sub-units, were also divided into different sections, and for each one knowledge, skills and competences were described. (more on: [https://bracket.erasmus.site/wp-content/uploads/2019/10/D2.1\\_Definition-of-learning-outcomes\\_DEF.pdf](https://bracket.erasmus.site/wp-content/uploads/2019/10/D2.1_Definition-of-learning-outcomes_DEF.pdf))

## ACTIVITIES IN THE NEXT PERIOD

- 3<sup>rd</sup> Transnational Project Meeting will be held in Larissa, Greece, on 7-9 November, 2019
- Review of achieved project results Output 1 (Study and Questionnaires)
- Review of achieved project results Output 2 (National reports)
- Development of Output 3

## GOOD PRACTICES RELATED TO KET



IRMO has become the Associate member of the Bio-based Industries Consortium (more on: <https://biconsortium.eu/bio-based-industries-consortium>)

BIC's vision is to accelerate the innovation and market uptake of bio-based products and to position Europe as a world-leading, competitive bio-based economy where the basic building blocks for chemicals, materials and advanced biofuels are derived from renewable biological resources. Bio-based industries create new jobs, especially in rural and coastal regions, and offer Europeans new and sustainable products sourced and produced locally. Making the economy more sustainable by using renewable resources in a smart and efficient manner will benefit society as a whole.

**HYPERCARS TECHNOLOGY** **Mate Rimac** (born 1988) is a Croatian inventor, entrepreneur and founder of the Croatian car company Rimac Automobili in 2009. Rimac started mootng an electric supercar at the age of 20. He started his car efforts in his garage, growing his company out, into a pair of companies.



As a child, he dreamed of building the fastest car. He has stated that his goal is to bring automotive manufacturers to Croatia. Forbes Magazine named Rimac one of the *Top 30 Under 30*, the 30 best entrepreneurs under the age of 30 of the world, in 2017. Rimac was named the Croatian Entrepreneur of the Year in 2017 by Ernst&Young Croatia. (more on: <https://www.rimac-automobili.com/en/>)

**IRMO**

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



UNIVERSITY OF  
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eurofortis

CentroTecnológico  
del Mueble y la Madera  
de la Región de Murcia

**CETEM**



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