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[www.grad.unizg.hr](http://www.grad.unizg.hr)



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**education**  
for zero energy buildings  
USING BUILDING INFORMATION MODELLING



**BIMzeED** is a three-year project funded by the European Union within the Erasmus+ framework. The initiative tries to overcome the challenges faced by the construction sector to achieve energy efficient and nearly zero energy buildings (NZEB), while integrating BIM (Building Information Modelling). The project develops training for HEI and VET.



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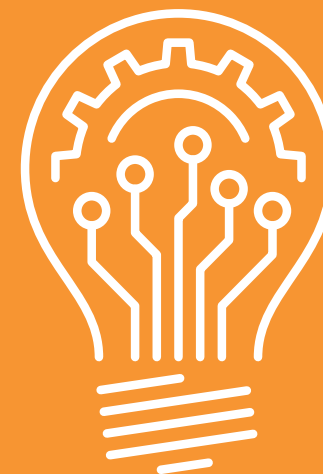
**The challenge of the BIMzeED project** is to overcome skills mismatching and improve employability in the current European construction market by improving and extending the existing skills of educators, SMEs, architects, site managers, craftworkers and other experienced operatives.



#### **BIMzeED project intends to:**

- **Identify the knowledge and skills gap** in digitalization (BIMz) and NZEB within the High Education Institutions and construction sector for each partner country (Ireland, Spain, Hungary and Croatia).
- **Improve the human-capital basis** of the construction sector acting on HEIs and VET systems in Europe.

- **Support the construction industry, through education and training** to upskill on technical, innovation and digitalization.
- **Transfer knowledge of BIM and NZEB** to and from other countries.
- **Develop 12-16 Learning Units** with the aim of increasing the understanding of BIM/NZEB within the construction training curricula.
- **Train and upskill 120 educators** at European HEIs and VETs by piloting the new learning resources and training materials, which will be made available as transferrable Learning Units.



- **Transfer knowledge to 400-500 construction and architecture students, site managers, craftworkers and other experienced operatives** to improve their employability.
- **Strengthen links between lecturers, industry and SMEs** with innovative technologies and installations creating connected learning communities (viewing case studies, on-site site visits, industry demonstrations).
- **Strengthen employability in teaching and SMEs**, known as business development cooperation.