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# BIMVET3



Official Newsletter of the [Erasmus+ BIMVET3](#)

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## BIMVET NOW

The project called "BIM-VET3 Building BIM digital competences in Tertiary VET in the designing and management of construction projects" has been approved in the KA203 - Strategic Partnerships for higher education call for 2020.

The two-year project is coordinated by the Technical University of Cartagena UPCT (Spain) and involves the University of Balıkesir (Turkey), the Polytechnic Institute of Leiria (Portugal), the Vilnius Builders' Training Centre (Lithuania), the Technological Centre of the Construction Murcia CTCOM (Spain) and the company ATENEA Projects (Portugal).

The objective of the project is to promote and guide the learning of BIM (Building Information Modeling) for students of vocational training programs through new pedagogical strategies and a totally innovative curriculum. This project aims to reduce the gap in BIM skills between university and vocational training, using resources and tools that prioritize students of vocational training courses. This results in a very innovative and collaborative project, where gamification and new visualization technologies, such as virtual and augmented reality, will be introduced.



The total budget of the project is 228,799 € and is funded by SEPIE, the Spanish Service for the Internationalization of Education.

In the previous months we were carrying out the first phase of the project: It included a study of the needs of professionals, companies, schools and institutions in the countries that participate in the development and / or implementation of BIM. This study verifies, among other parameters, the level of implementation of BIM and the plans of companies to take advantage of the benefits of BIM, either due to the demand of their clients or at the initiative of the companies themselves.

Based on the needs detected, we begin the second phase by developing the curriculum and contents of a course on BIM, which could be included in the future curricula of various professional training programs.

We are currently beginning the third phase of this project, where we will focus on developing content for these curricula, creating didactic resources in the form of tutorials and practical video tutorials to learn how to use different computer tools used in the construction and management of BIM models. This didactic material created in the third phase will be available to teachers and students through its open publication on a web platform built for this purpose. Before being published, these teaching resources will be tested within the BIM programs offered by the educational institutions participating in the project.

We began this third phase with enthusiasm, one of the most crucial phases in the realization of the project, framing our field of work in gamification, virtual reality, augmented reality, the project execution plan, construction plans and budgeting from a BIM model.

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#### In wich countries is BIM mandatory for public projects?

This article has curious and updated information about the diffusion of BIM methodology around the diferent continents.

The editor has focuses his attention also on specifics cases that are of interest for him, regarding the progress of this methodology in distinct countries like Australia, US, Canada or Spain. Other question explained are the legal incentives such as Peru BIM plan, Chile's "2025 build plan", or courses for improve personal skills of BIM.

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#### Us calls on UK expertise to help develop BIM standars

According to the new standar, thanks to the obtain the best resoulst, BIM has earned its deserved recognition. Actually US is the country where BIM is more impulse and one of the first countries in apply this methodology, that's is why that he seek support of its counterpart in Europe, UK, one os he best countries in this field in European continent to develop new BIM standars.

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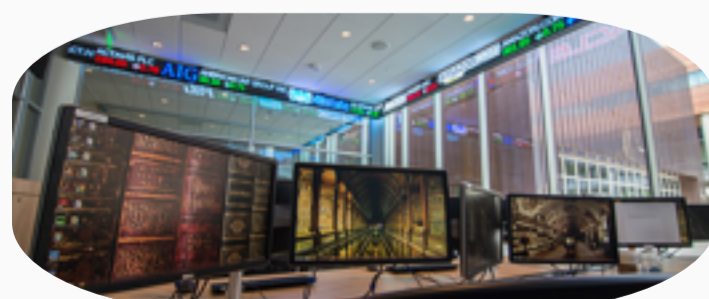


#### Women in BIM: Building a powerful collabrative network

Women has conquest the working market, this article explain the case of Rebecca de Dico which founded "Women in BIM" in 2012. Organitions with clear objetives like the introduce and Guidance launching a career in BIM and support and helpdem.

Today after 10 year, this organization continues to grow connecting women in BIM around the world in 48 countries and expanding. They wanting to instill this new role in future generations.

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#### Smart Construction Network: Business and University collanotation

This article shows us the importance of collaborations with Universities and R & D centers, affirms that it is essential to help the construction business because it is the future of this business, by which it is possible to make a massive customization of construction of the future through the digital process.

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