



# 1st newsletter BIM4ENERGY

A digital way towards positive energy districts

## Meet the partners

Universidad Politécnica de Cartagena (Spain) coordinates this project, collaborating together with Technical University of Cluj Napoca (Romania), another higher education institution teaching BIM methodology, the vocational education Vilnius Builders Training Centre (Lithuania), the municipalities of Ceutí (Spain) and Alba Iulia (Romania) and the architecture, engineering and consultancy company Ramboll Norway, with a common goal: to develop Building Information Modelling competences to evaluate and improve the Energy efficiency of European buildings.

## Objectives

- To provide higher educational organisations with methodologies and teaching materials on the use of BIM to evaluate the energy efficiency of a building.
- To provide municipalities and construction workers with the necessary tools to choose the best renovation alternatives to improve energy efficiency.

## Activities

- Development of three case studies of common buildings to evaluate different ways of improving their energy efficiency.
- Development of teaching materials on how to transform existing buildings into nearly zero energy buildings using BIM.
- Insertion of case studies results into web-app.

## Outcomes

- Methodology and teaching material on the use of BIM to improve energy efficiency.
- Web-app to know the alternatives of renovating a specific building and improve its energy efficiency, getting information about the cost and the return on investment.



Project coordinator team



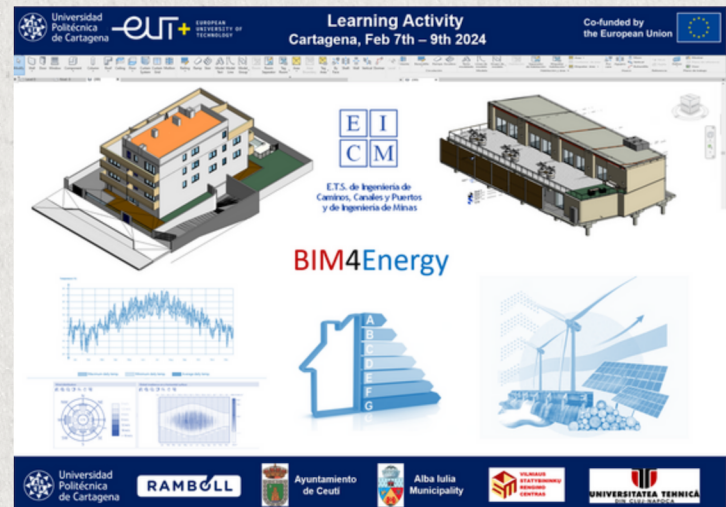


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### Learning activity in Cartagena

Partners met in Cartagena from the 7th to the 9th of February 2024 in a learning activity in order to share everyone's knowledge of domain in the use of BIM to improve energy efficiency, different learning programmes, barriers to access finance and type of information needed for the future web-app, as well as renovation alternatives to improve energy efficiency.



### Project website

Partners also had the opportunity in Cartagena of holding a management meeting where Ramboll presented the project website. All presentations of the learning activity can be watched on <https://www.bim4energy.eu/>

### Extensive project dissemination

BIM4ENERGY has already been widely disseminated. The learning activity was not only attended by project partner participants, but also professionals, students and teachers took part physically and online. Ceuti has presented the project in different forums at a regional and national level: meeting with municipalities of the province of Granada, interview in the national youtube channel Noticias Positivas (Positive News) and event organised by the European Commission.

### Ceuti is Europe



Ceuti organised a two-days event dedicated to promote what Europe may offer to youngsters, businesses, and citizens. There was one section dedicated to promote the BIM4ENERGY project, where José Manuel Olmos (UPCT), project coordinator took part, as well as the Technology Centre for Energy and Environment CETENMA.

