



4th newsletter BIM4ENERGY

A digital way towards positive energy districts

Multiplier events in Romania, Lithuania and Spain

The Technical University of Cartagena (Spain), the Technical University of Cluj-Napoca (Romania), the Vilnius Builders Training Centre (Lithuania), and the Municipality of Ceuti (Spain) organised multiplier events within their respective institutions to disseminate the results of the BIM4ENERGY project.

The attendees represented a wide range of organisations, including other vocational education centres (such as Šiaulių technologijų mokymo centras), business and technology schools (such as Ukmergės technologijų ir verslo mokykla), civil engineering and architecture firms, research centres, students from mixed employment and training programmes, and members of the general public.

Each partner placed particular emphasis on their respective case studies. In the Lithuanian case study, which focused on a five-storey residential building constructed in 1981, the analysis showed that if all proposed energy efficiency measures were implemented, the payback period would be significantly reduced to 10 years, thanks to substantial energy savings.

In the Romanian case study, which examined a primary and lower secondary school built in 1962 and located in Sălaj County, the estimated payback period would be 12 years.





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Two events in the region of Murcia

In order to reach a wider audience, the Technical University of Cartagena and the Municipality of Ceutí decided to organise two events in the Region of Murcia, with representatives from both partners participating in each.

In Cartagena, the presentations were more technical, focusing on various alternatives and results related to building insulation, heating and cooling system improvements, and renewable energy solutions.

Rambøll Norway joined the event online to present the BIM4ENERGY Calculator, a simulation tool designed to help users understand and visualise the impact of energy efficiency improvements on buildings.



Energy communities

Ceutí invited the Community Transformation Office of the Official Association of Industrial Technical Engineers to present the various opportunities that Energy Communities offer to citizens and other stakeholders. The presentation also highlighted how Energy Saving Certificates can be used to finance investments in energy efficiency.

