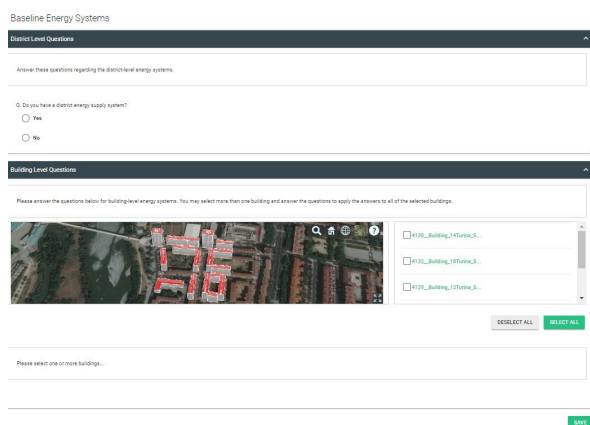


 Zawartość zarchiwizowana w dniu 2023-04-13

"The OptEEmAL Solution for Energy Efficient District Retrofitting" - OptEEmAL Project Final Conference in Valladolid

The Horizon 2020 funded project celebrated its Final Conference in Valladolid, Spain on 20 February 2019. Project partners presented the achievements of the project and the ultimate solution for the energy efficient retrofitting design at district level.



The screenshot displays the 'Baseline Energy Systems' section of the OptEEmAL platform. It features a 'District Level Questions' form with a question: 'Do you have a district energy supply system?'. Below this, there is a 'Building Level Questions' section with a map of a district and a list of buildings to select. The interface includes a 'SELECT ALL' button and a 'NEXT' button at the bottom right.

© OptEEmAL project

After three and a half years of intense work, the OptEEmAL consortium is proud to present an Optimised Energy Efficient Design Platform for refurbishment at district level, able to design energy efficient retrofitting projects that are based on different energy conservation measures to improve the performance of a district.

Participants discovered the multiple benefits the OptEEmAL Platform can bring to the design of retrofitting measures at the project's final conference in Valladolid, Spain. On 20 February 2019, the OptEEmAL project partners presented the great technological achievements of the project, the challenges they overcame and an outlook of what can further be done to revolutionise the energy retrofitting sector. During the conference, the OptEEmAL Platform was presented and the audience was guided through the different steps of the platform. The conference was concluded with a site visit to the Cuatro de Marzo district in Valladolid where retrofitting actions have led to a reduction in energy consumption of over 50%. This provided the basis for the demonstration of the performance of the OptEEmAL Platform. Also, the project's final booklet was handed over to the participants, offering an excellent overview about project objectives and the different modules of the OptEEmAL Platform.

Besides the presentation of the partners' achievements in this project and the relevance of the OptEEmAL Platform for the design of retrofitting actions, exciting keynote speeches rounded off the event: about the next steps towards decarbonising the building stock by a representative of the Green Building Council and an approach to nearly zero energy retrofitted buildings presented by Energiesprong UK.

The event offered a great opportunity for city representatives and public authorities, urban planners, architects and experts from the energy and construction sectors to exchange on energy efficient retrofitting topics.

With the Optimised Energy Efficient Design Platform, the OptEEmAL consortium has created a tool able to reduce time delivery and uncertainties resulting in improved solutions when compared to business-as-usual practices. Using this tool, the main output of the project has been to demonstrate and validate the correct functioning of the platform for three demonstration districts located in San Sebastián, Lund and Trento.

“OptEEmAL can be a very useful tool to identify the most relevant retrofitting scenarios for the main districts of the city of San Sebastián, addressing the requirements and barriers of each district and the interests of all stakeholders involved in the retrofitting projects,” says Iker Martinez, Fomento de San Sebastián, Spain, OptEEmAL demo site.

“The OptEEmAL project has drawn attention to the possibilities BIM offers. It has also shown how important it is to have a holistic approach to energy efficiency measures in which multiple actors' interests must be balanced,” concludes Elin Dalaryd from the City of Lund, Sweden, OptEEmAL demo site.

And Micol Mattedi from Habitech representing the OptEEmAL demo site in Trento, Italy confirms: “The OptEEmAL Platform turns out to be a really useful and innovative tool: it combines different aspects in one single solution and, after recovering and adding multiple and differentiated data, is able to provide effective and valid refurbishment energy efficiency scenarios, which help the owner of the buildings to evaluate and take more weighted decisions.”

The OptEEmAL Platform provides the user with a holistic tool aimed at reducing time and costs in the design phase, and improving the whole process in terms of management, information flows and design quality.

The OptEEmAL project has an important economic impact that is reflected by a reduction of costs during the design phase by about 19% compared to business-as-usual, and the operational phase cost could be reduced by 25% through promoting holistic solutions, leading to a RoI increase of over 50%.

Germany, Greece, Spain, France, Ireland, Italy, Sweden, Türkiye

Dostawca treści

Przesłane przez

Steinbeis-Europa-Zentrum

Niemcy 

[Strona internetowa](#)

Powiązane projekty



Optimised Energy Efficient Design Platform for Refurbishment at District Level

OptEEemAL

20 Lipca 2023

PROJEKT

Ostatnia aktualizacja: 22 Lutego 2019

Permalink: <https://cordis.europa.eu/article/id/124819-the-opteemal-solution-for-energy-efficient-district-retrofitting-opteemal-project-final-confe/pl>

European Union, 2025