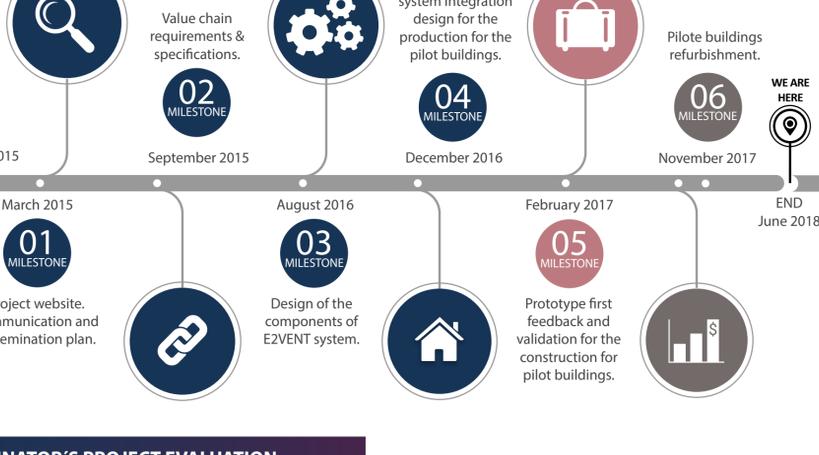


Dear Reader,

Welcome to the final newsletter of the E2VENT project. This month, the project has successfully reached its end, and at this point, we would like to provide you with the latest information on progress in the last period of the project. In this newsletter, you will find a project summary from the perspective of the coordinator, reports from the final workshops, as well as first results from the demotes.



Energy Efficient Ventilated Façades for Optimal Adaptability and Heat Exchange enabling low energy architectural concepts for the refurbishment of existing buildings



COORDINATOR'S PROJECT EVALUATION



Antoine Dugué
Project coordinator

I have been coordinating the **E2VENT** project for the last 3 years and a half. It started with a successful collaborative proposal, and it went on with the challenge of transforming a concept into a viable product. After considering sets of requirements, designing first versions of the module, checking compliance with regulations, assessing the reliability and the energy performance, we managed to design and manufacture a series of prototypes that we tested and compiled in laboratories before the final installation in two pilot buildings to demonstrate that the fine-tuned product involved with the expected results. Now the market is there, and a final step would allow to reach it; and we are committed to do it. Managing an ambitious project with people with different backgrounds was a personal challenge and I feel quite proud of the accomplished results.

E2VENT PROJECT WORKSHOP

Brussels, Belgium

EUROPEAN ALUMINIUM organised a public workshop on 19th April 2018 in Brussels, attended by 50 participants. The workshop tackled innovation in the renovation sector and opportunities and challenges under the coming new EU's **Energy Performance of Buildings Directive (EPBD)**, approved by the European Parliament on 17th April 2018. The first panel included representatives from the European Commission DG ENERGY, Renovate Europe and experts from Belgium and Greece. The outcome of the discussions was that the new Energy Performance of Buildings Directive should contribute to increasing renovation rates but that other financial and legal instruments as well as Concerted Action with the Members States, will be equally important. The second panel included speakers from European Construction Technology Platform (ECTP) which is a leading membership organisation promoting and influencing the future of the Built Environment and E2VENT project partners including representatives from **FASADA**, **ELVAL COLOUR** and **RINA CONSULTING**. The debate was led on a topic "**Barriers to overcome to foster innovation in the renovation sector. Elements of feedbacks from the E2VENT project**" and it was a great opportunity to introduce the E2VENT project to the present experts and to network with them.



E2VENT PROJECT WORKSHOP

Prague, Czech Republic

FENIX TNT, in cooperation with the **Technology Centre of the Czech Academy of Sciences**. Technology Centre provided the premises, and 30 participants met there at the workshop that took place on 30th May 2018. The workshop consisted of three parts, each part followed by a panel discussion. The first part focused on European projects in general, programme Horizon 2020 and research and development. The second part aimed to present the E2VENT project as a successful European Commission Initiative for innovation. The second section was focused on the E2VENT project as a successful European Commission Initiative for innovation. Four project partners including **TECNALIA**, **ACCIONA CONSTRUCTION**, and **RINA CONSULTING** represented the project. Presenters in the last part of the workshop focused on the innovations and legal issues. In this part, project partner from **PICH ARCHITECTS** represented the E2VENT project and also introduced trends and innovations in the construction industry from the architects' point of view. The workshop was attended mainly by local experts dealing with eco-innovation. During the discussions, participants were very interested in the topic of operation of project consortia, the advantages and disadvantages of participation in projects, the development of innovations, cooperation between development centres and businesses, and legal issues. After the workshop, participants had a chance to visit University Centre for Energy Efficient Buildings of Czech Technical University in Prague.



E2VENT PROJECT WORKSHOP

Madrid, Spain

The public workshop in Spain for the E2VENT project was organized by **ACCIONA**, taking place on 12th June 2018 in their main facilities located in Alcobendas, Madrid, and attended by 45 participants. The workshop focused on innovation trends, opportunities and challenges in Building Energy Efficiency, reviewing several study cases and European Commission initiatives where energy efficiency technologies were successfully integrated in buildings achieving high performance and energy savings. All the key-stakeholders and the value chain actors were present either as a speaker or in the audience, so as to disseminate the E2VENT project results as much as possible. The workshop was divided into four sections. The first section was focused on the potential of EES, barriers & drivers for EES to access the market, future trends and financial tools and opportunities for innovation. The second section was focused on the E2VENT project as a successful European Commission Initiative for innovation. Four project partners including **TECNALIA**, **ACCIONA**, **NOBATEK** and **FENIX TNT** represented the project, describing the research phase, developments and outcomes from the pilots. The third section was focused on norms, regulations and standards for the building industry. In addition, two case studies were presented. The first one related to the usage of advanced materials and the second focused on innovative solar wall panels for ventilation purposes. In the end, the event was finished with a session wherein all the participants got an opportunity to interact and discuss. Feedback obtained from the participants was very satisfactory.



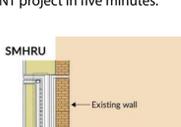
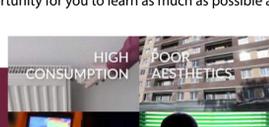
NEW E2VENT VIDEO

Final video

Watch all the videos on our channel "E2VENT project"



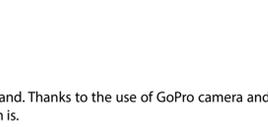
The video captures the installation of the E2VENT system on both demo-sites, animations of the system and also several interviews with the partners. FENIX and FASADA filmed the installation processes in Poland and Spain. FENIX also interviewed partners during the General Assembly meeting in Burgos, Spain. Each partner focused on individual parts of the E2VENT system, described its design and function. The final video is a great opportunity for you to learn as much as possible about the E2VENT project in five minutes.



NEW E2VENT VIDEO

Installation in Gdansk

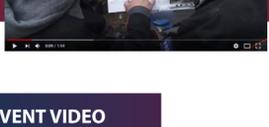
Partners from FASADA also created their own installation video during the renovation in Gdansk, Poland. Thanks to the use of GoPro camera and time-lapse filming you have a chance to see how fast and simple the installation of the E2VENT system is.



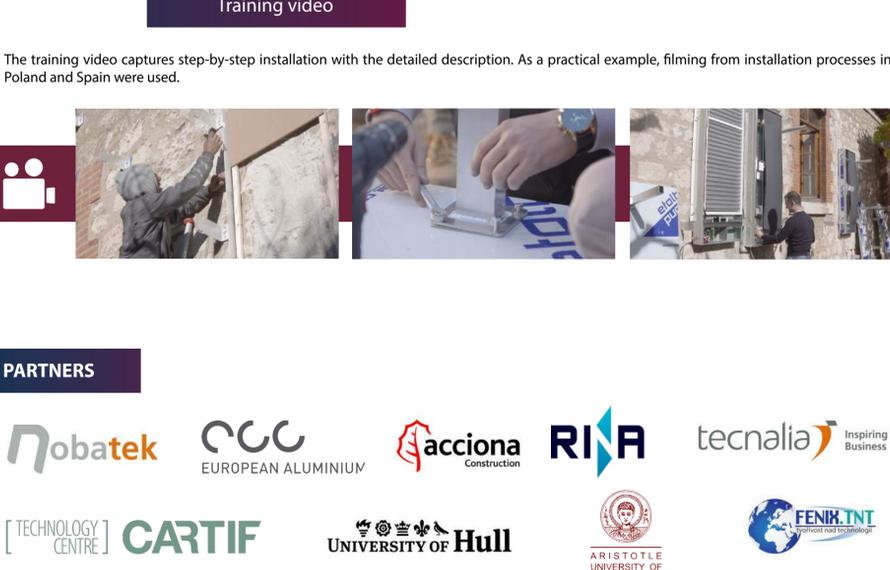
NEW E2VENT VIDEO

Training video

The training video captures step-by-step installation with the detailed description. As a practical example, filming from installation processes in Poland and Spain were used.



PARTNERS



The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 637261

YOU CAN FIND US ALSO ON:



www.e2vent.eu



PAST EVENTS

E2VENT AT SUSTAINABLE PLACES 2018



On 27th June 2018, NOBATEK introduced the E2VENT project within the workshop called "The future of energy storage" at Sustainable Places 2018. SP2018 took place from 27th to 29th June 2018 in Aix-les-Bains, France. Other H2020 projects presented within this workshop included: HYBUILD project, CREATE project, SCORES project, TESSE2b project and STORY project - all these projects are dealing with different kinds of thermal storage and the main goal of this workshop was to enhance the importance of this tool.

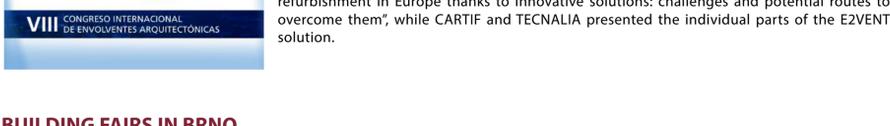
ICAE 2018



ICAE 2018 is an event dedicated to provide better understanding of current and future architectural envelopes and their components, focusing on trends, technologies and developments. The conference took place from 20th to 22nd June 2018 in San Sebastian, Spain. NOBATEK introduced the E2VENT project during the workshop called "Accelerating building refurbishment in Europe thanks to innovative solutions: challenges and potential routes to overcome them", while CARTIF and TECNALIA presented the individual parts of the E2VENT solution.

BUILDING FAIRS IN BRNO

FENIX TNT team represented the E2VENT project at Building Fairs in Brno, Czech Republic. From 25th to 28th April 2018 visitors had a chance to see a unique presentation of all aspects of housing and house constructions, building management services, technical solutions and equipment. It was a great opportunity to introduce European projects to the wider public and local experts. The project was introduced via FENIX stand, E2VENT video, brochures, roll-up and gadgets.



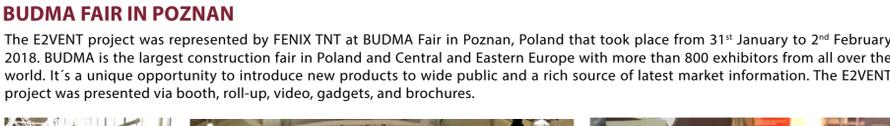
E2VENT ON EUagenda WEBSITE

E2VENT agenda videos are now available also on the EU agenda website. This portal is selecting the best events, videos, and policy resources to create valuable content so the readers can learn about policy, and know the goings-on in Brussels, in Europe and the world. They provide an in-depth perspective on the thinking of EU policymakers, the policy developments taking place every day, and the events where all can contribute, learn, and expand the networks.



BUDMA FAIR IN POZNAŃ

The E2VENT project was represented by FENIX TNT at BUDMA Fair in Poznań, Poland that took place from 31st January to 2nd February 2018. BUDMA is the largest construction fair in Poland and Central and Eastern Europe with more than 800 exhibitors from 2nd all over the world. It's a unique opportunity to introduce new products to wide public and a rich source of latest market information. The E2VENT project was presented via booth, roll-up, video, gadgets, and brochures.



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