



**Acknowledgment and disclaimer:** The project TOGETHER (lasting between June 2016 and May 2019) has been funded by the European Union through the Interreg CENTRAL EUROPE 2014-2020 programme. However, the programme's managing authority and joint secretariat cannot be held responsible nor liable with respect to the information provided within this newsletter.

*ALL ABOUT THE PROJECT STATUS AND RESULTS*

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# PROJECT NEWSLETTER

## Master Train-the-Trainer workshop in Cracow (20-23.02.2017)

In February 2017 TOGETHER project partners met in Cracow, Poland, for an intensive 4-day training focusing on the topic of energy efficiency in public buildings. They discussed different technical, financial, behavioural and analytical aspects influencing buildings' energy consumption and learned about the most efficient ways of planning, implementing and monitoring energy-saving measures. They also took the opportunity to observe invited training experts and learn how to use different training methods and tools when delivering their own trainings. And after each day's classes they had a chance to digest new knowledge during evening strolls in the old and picturesque city center!



## Technical training: how to assess building's energy situation?

During the technical training day, participants learned a lot about the energy audit and its role in planning comprehensive energy-saving interventions. They had an opportunity to test different measuring devices allowing to assess building energy situation and indoor air quality, influencing both energy consumption and comfort of building users. They also discussed such possible interventions as thermal retrofit of the envelope, change of heating source, installation of RES or purchase of energy efficient equipment. ZAGEE energy retrofitting project was presented as an inspiring case study.



## Financial training: how to choose the optimal business model?

The financial training day focused on the presentation of different financing sources and models that may be used to fund energy efficiency projects implemented in public buildings, including EU and national funding programmes, self-financing, debt-financing, ESCO and intracting scheme and crowd-funding. Aleksandra Novikova, training expert, also discussed the topic of economic and financial analysis of planned investments, including potential barriers and available case studies. The participants were very interested in the case study presented by the Province of Treviso, who actively involved building users in the EPC scheme. At the end of the day, participants of the training had a chance to test new knowledge and skills by identifying a possible business model for an exemplary thermal retrofitting project. The competition to come up with the optimal one was intense and the winners received a pack of Gummi Bears.

### For more information please contact:

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Official website: <http://www.interreg-central.eu/Content.Node/TOGETHER.html> - Facebook page: [togetherprty2016](https://www.facebook.com/togetherprty2016)

## DSM training: how to activate building users?

The last two days of the training concentrated on behavioural and analytical aspects influencing energy performance of public buildings. Participants learned what is the psychology behind building users' behaviour and what are the most efficient tools for engaging them in energy-saving activities. They got acquainted with two especially efficient methodologies - living labs and 50/50 methodology, which involves users in energy management processes and allows them to benefit from achieved financial savings. Participants in the training also discussed data analytics methods used for handling energy consumption data, as well as standard and smart energy management systems and ICT technologies helping to improve energy efficiency in public buildings. Now they are well prepared to support their municipalities in energy saving efforts.



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## Main conclusions and lessons learned from the training



"The workshop we have attended last week was in one word great! We have learned many new things about national differences in making audits, we have repeated basics of economy and we have learned how to communicate with our stakeholders and partners.

**Martina Kuchařová, EAV**

"The issues raised are important for future project activities and have provided insight into subjects that may have been a bit unclear before.. All in all, a very useful event and time well-spent."

**Maja Šunjić and Melita Borić, City of Zagreb**

"The financial part of the training should help us in training decision makers as one of the target groups of our project. We got acquainted with several financing models and developed a list of different available funding sources."

**Zsófia Hamza, Hegyvidék**

"The presentation of measuring equipments brought the process of the energy analysis closer to all participants and helped to understand what kind of measurements are necessary and what obstacles may rise during on the spot examinations."

**Balázs Borkovits, Paks**

"Behavioural DSM was expected to be the discovery of a new field of knowledge for most of us - and it actually was. Very interesting was the case study of Manchester City Hall and the piano keyboard staircase."

**Antonio Zonta, Province of Treviso**

"This was the most intensive training I've ever been to, but also one of the most interesting ones. I learned a lot and - what is important - managed to see potential synergies between different types of energy saving measures"

**Patrycja Płonka, PNEC**

"Although I thought that I knew a lot about the social issues, during the presentations, I got a lot of new information and knowledge, which was very valuable for me. It was good to include best practices."

**Rebeka Kovačič Lukman, UM**

"We both - Michal and myself - as energy auditors found the training really useful. We gained the knowledge of the basic structure for the local trainings planned within the project."

**Miloš Staščík, SIEA**

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### What comes next?

Now that the project partners are back home, they started working on the new important task - preparation of their own series of trainings for public buildings' owners, managers and decision makers. Using Cracow experience they will teach them how to implement and integrate different types of energy-saving measures. And how to activate building users!

### TOGETHER Library

We would like to invite you to visit our TOGETHER library, which is a repository of many interesting guidebooks, presentations, on-line tools and case studies that can help to improve the energy characteristics of public buildings and to involve building managers and users in energy saving activities. The library is available at:

<http://www.pnec.org.pl/en/together-library>

### Tips from experts

We have asked several training experts what is the secret behind organisation of successful and well-appreciated trainings. And they shared them with us! From the summary report you may learn how to develop a good quality training material, how to organise efficient trainings and how to get useful feedback from the trainees and keep them interested over longer period of time. Link: <http://www.interreg-central.eu/Content.Node/TOGETHER/Summary-report.pdf>