**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* *No. 5 – November 2018*

# PROJECT NEWSLETTER

## How we can leverage behaviour change: a new tutorial made in Slovakia!

The Slovak Innovation and Energy Agency, partner of the project TOGETHER, has developed a new tutorial on energy efficiency in public buildings. The video is available at the link below: : https://www.youtube.com/watch?v=VL6C2Z6OqiY&feature=youtu.be

## Behaviour matters: a set of energy tips is available in the TOGETHER website!

Every public building is used by many people each day: visitors, workers, service persons, etc. Studies and common practice are unanimous in saying that user behaviour matters a lot when it comes to improving energy efficiency and reducing the building's carbon footprint. Even the technical-only measures one can adopt (such as a building's retrofitting) are less effective or more expensive if carried out in isolation. TOGETHER partners produced a collection of tips to improve your own energy efficient behaviour when visiting or working in a public building.

Are you a building owner? Then you may want to hang this set of cards in a visible area of your building.

Are you a building user? Then feel free to read, comment, and share the following contents with your peers.

We hope you will enjoy, at least some of these tips and take stock of them to achieve real behavioural change!

The energy tips are available at the link below:
https://www.interreg-central.eu/Content.Node/TOGETHER/Behaviour-tips.html

## How the TOGETHER partners want to shape the political buy-in

Once the adequate methods of energy saving are clear and set, we have to channel them into the everyday decisions of the municipalities. But what does 'political buy-in' stand for? It means that someone has accepted the idea you proposed and will support it. They have 'bought into' your plan. TOGETHER partners aim at bringing together stakeholders and local/regional policy makers to bridge the energy efficiency (EE) practices and policies, preparing the ground for future energy plans at local & regional levels (or their updates). We need to sell our ideas on the highest possible political level in order to realize a multiplication effect.

How do we do that?

1. Each partner has set up a Stakeholders' Group composed of relevant authorities. The involvement process has begun at this technical level, where experts discuss suggestions to guarantee their technical feasibility);
2. Partners jointly elaborate a Transnational Strategy, and a Policy Package that will be based on: a Follow-up Reinvestment Action Plan and the Action Plan for Energy Efficiency. The first plan defines how municipalities should reinvest into energy refurbishments at least 20% of the savings achieved by the pilots. The latter action plan strives to spread these results at a wider range of buildings. It also includes an ex ante analysis on greenhouse gas emission reductions, cost savings and leverage effect for the EE market uptake.
3. Finally, the involvement continues at political level by meetings - called advocacy events - with local / regional / national authorities that are the target of a joint mainstreaming programme to guarantee political feasibility.

For more information please contact:
Provincia di Treviso (TOGETHER Project Coordinator), Ufficio Europa – europa@provincia.treviso.it
Official website: http://www.interreg-central.eu/Content.Node/TOGETHER.html - Facebook page: @togetherprtv2016

## TOGETHER workshops targeting the energy consumers

Each partner has planned a set of workshops targeting the energy consumers with the aim of making them aware of their wrong routines and habits!

## See you in Zagreb!

**Save the date**! The Closing Conference will be organised by the project Partner Grad Zagreb on the 11th April 2019! More information will be published in the project website!

## Our meeting at Paks (Hungary) including the visit of the Nuclear Power Plant and the Energetic Secondary School

At the 2nd semester of 2018, it was time for Municipality of Paks to organize the transnational meeting of the project and show the progress of the pilot actions for other partners and for the media. The three-day event has started with the usual agenda: as we have only 7 months left from the 3 years long project all remaining tasks had to be discussed and all deadlines had to be set. The focus was put on the results of the pilot actions and the endorsement of their results for political decision makers.

The pilots consist of measuring the energy consumption in preselected pilot buildings and intervening by demand side management tools to decrease this consumption level. Finally, smart meters measure the results of these actions and partners introduce the way of reinvesting at least 20% the registered saving for decision makers. There actions are running in parallel in Italy, Czech Republic, Slovenia, Croatia, Poland, Slovakia and Hungary in 85 pilot buildings. The critical question was rather to define how the results can be introduced and get approved by politicians. This is a challenge, like climbing Matterhorn: partners have to reach the highest possible levels to integrate this EE method in as many settlements as possible. Legal background and political decisions differ from country to country, but all partners will be able to submit the above-mentioned action plans as a package for general assemblies of cities or other fora.

On the third day the team has visited two sites: As the only nuclear power plant – covering 40% of the electric energy consumption of Hungary – is located at Paks, the operation of the plant and its contribution to a more carbon-free energy production has been introduced. Besides, partners have visited the Energetic Secondary School of Paks, one of the most important pilot buildings of the city, where both the technical side of energy saving and the eco-conscious behavior are parts of the everyday education. Several posters, stickers and leaflets remind the students, teachers and visitors of the building how to save energy and water. The headmasters of the classes hold presentations on energy efficiency and competitions are also organized regularly in the school. TOGETHER project gave the possibility to integrate also the project's cartoons and videos to the education, which tools are very catchy for students.


Visiting the Energetic Secondary School at Paks: Environmental education at classrooms, energy efficiency signs at corridors, renewable energy production

## Smart meters in Poland? Let's have a closer look at them!

The investment consisted in the purchase, installation and launching of 9 smart metering systems in 9 pilot buildings located in 3 Polish municipalities (APs): Besko, Raciechowice and Żyraków. Single system consist of: electricity meter collecting data from the electricity system; heat meter collecting data from the heating system; local controller; server space, where data are collected and stored; platform for archiving, managing and visualizing the data – available after logging in from any computer or mobile device; related software; monitor/dashboard placed in the building hall, displaying current consumption data.

All the elements are communicating through adequate communication protocols, using internet connection available in the building. The data are gathered and processed automatically. The system measures: real-time electricity consumption in kWh; real-time heat consumption in GJ and kWh; network parameters (use of reactive power; overconsumption of contracted power); indoor air temperature and humidity.

The system is also connected with the weather platform to be able to address current consumption to the weather conditions.

The measured data is collected on a storage unit (local controller) located in the building. Already from there they are available for the remote access. The data are also transferred to the external server, which is operated by the contractor, who is also responsible for data safety, back-ups, etc. The data are available from any computer or mobile device for selected users (representatives of PNEC, building owners and building managers responsible for monitoring and optimizing energy consumption). They are available after logging in using personal username and password. Adequately visualized data are also displayed for the building users at the monitors/dashboards place in the buildings' halls and on-line.