
An interactive program on energy efficiency in public buildings

Conference Organizer



City of Zagreb

Conference Host



We aim to inspire the community to participate
and learn from the rich field of
European Territorial Cooperation

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UNTAPPED POTENTIAL OF ENERGY EFFICIENCY IN PUBLIC BUILDINGS

Zagreb, April 10th, 2019
Venue: Zagrebački Inovacijski Centar
Av. Dubrovnik 15, 10000 Zagreb



Project TOGETHER

TOGETHER offers a transnational capacity building platform, where partners with different levels of knowledge can strengthen their competences together, reducing their disparities, and promote implementation of energy efficiency actions in public buildings. TOGETHER aims at changing the existing atomistic vision into a holistic vision of the buildings as a whole, which includes the building function and relation to the physical space, the application of technological devices and user needs.

GOAL: our goal is to encourage Public Administrations to improve Energy Efficiency in their buildings by involving users in energy management.

METHODOLOGY: TOGETHER goes beyond isolated technical interventions by integrating them with financial and legal tools as well as efficient energy consumption management, based on technological devices and user behavior.

APPROACH: Project Partners aim at setting up a capacity building platform where the Partners share experiences, competences and knowledge at different levels and find tools and guidance, implementing a transnational horizontal approach. This Strategy aims at stimulating the political buy-in to Energy Efficiency integrated measures both on the supply and demand side when policy makers plan policies, programs and investments in public buildings.

PARTNERS

- LP Province of Treviso - Italy
- Energy Agency of Vysočina - Czech Republic
- University of Maribor - Slovenia
- City of Zagreb - Croatia
- Association of Municipalities Polish Network „Energie Cités” (PNEC) - Poland
- Municipality of 12th district of Budapest - Hegyvidék, Hungary
- Slovak Innovation and Energy Agency - Slovak Republic
- Municipality of Paks - Hungary



PAKS
az együttműködés városa

Project TOGETHER closing Conference

“Untapped potential of Energy Efficiency in Public Buildings”



“Experience shows that, even if the potential for reducing energy is obvious and high, the reduction will not happen by itself. It’s not just about combining the best technologies, but also about the question of the behavior of the involved individuals and key stakeholders. It’s not buildings that save energy, it’s the people.”

Antonio Zonta, Director of Building Estate and Public Tenders Department in the Province of Treviso and Lead Partner of the Project Together

During the past three years, we have worked, laughed and lived TOGETHER. The time is now come to see our results. Have we reached the goals set ourselves three years ago? Have we improved energy efficiency? Have our activities yielded results in changing energy behavior? Are we more energy conscious now?

The project final conference shall provide an overview of all our activities and summarize the results through panel discussions. Let’s see what we have done TOGETHER.

Conference Moderator



Vlatka Šamarinec graduated journalism, in 2009 at the University of Zagreb. Since 2009, she has been employed in the City of Zagreb in planning, preparation and realization of promotional and information activities in the field of energy efficiency and climate. She actively works on the implementation of the Zagreb Energy Week as well as communication and raising awareness of building users.



Guest Projects

eCentral



Addressing poor energy performance of public buildings is becoming a growing financial issue in central European countries. In order to address this issue, eCentral will support key stakeholders in better understanding benefits of nZEB - nearly Zero Energy Buildings. The project will prove that the nZEB approach, although innovative, is an optimal and cost-effective solution for the renovation and construction of public buildings.

Energy@school



ENERGY@SCHOOL aims to increase the capacity of the public sector for implementing energy smart schools. The project will achieve this by applying an integrated approach that educates and trains school staff and pupils to become Senior and Junior Energy Guardians (EGs).

Feedschools



The FEEDSCHOOLS project aims to provide local authorities with new solutions, both technical and financial, which will help them to implement 'nearly Zero Energy Building' (NZEB) renovation activities in schools. The innovative approach consists in developing a transnational and holistic support toolkit and a web database of innovative best practices for NZEB renovation. The project will also provide open lessons focused on behavioral change in schools.

Compete4SECAP



Compete4SECAP aims to help cities put their own energy plans into action, by promoting the adoption of standardized energy management systems to stimulate energy savings from municipal buildings, vehicles, etc. National competitions and peer-to-peer exchanges further steer the attention and involvement of local to national authorities in 8 European countries. By also facilitating the upgrade of Sustainable Energy and Climate Action Plans (SECAP), the project helps local authorities contribute to national/global climate goals.

I. panel

8,30 – 9,00 REGISTRATION

9,00 – 9,30 WELCOME SPEECH

- Mirka Jozić, Head of the City Office for Economy, Energy and Environment
- Alessandro Righi, Councillor of the Province of Treviso
- mr. sc. Danijel Žamboki, Ministry of Construction and Physical Planning, Assistant to Minister
- Stella Arneri, Ministry of Regional Development and EU Funds, Assistant to Minister
- Matija Vajdić, Interreg CENTRAL EUROPE Joint Secretariat

9,30- 10,45 PANEL I – MEETING ENERGY POLICY TARGETS RELATING TO BUILDINGS

Buildings are responsible for approximately 40% of energy consumption and 36% of CO2 emissions in the EU. Better performing buildings provide higher levels of comfort and wellbeing for their occupants, however this requires constant work and dedication on the part of users as well.

Moderator: Federica Giandolo, Province of Treviso



Mrs Giandolo works in the European Relation Unit of the Province of Treviso. She knows all the secrets of the TOGETHER project and she is the person of reference for the whole partnership. After graduating in Political Sciences, since 2004 she has been writing and managing several European Projects.

- **Climbing TOGETHER towards Energy Efficiency, Antonio Zonta - Province of Treviso**
- **EU targets and the challenges for the public sector in the energy field**
Libor Gažovič, Slovak Innovation and Energy Agency, SIEA

ROUND TABLE

Participants

- **Matija Vajdić, Interreg CENTRAL EUROPE Joint Secretariat**
- **Antonio Zonta - Province of Treviso**
- **Libor Gažovič - Slovak Innovation Energy Agency**
- **Sara Lončar - Agency for Transactions and Mediation in Immovable Properties APN**
- **Marko Vlainić, Regional Energy Agency REGEA, project eCentral**

II. panel



10,45 – 11,00
COFFEE BREAK

11,00 – 12,30

PANEL II – ENERGY MANAGEMENT IN PUBLIC BUILDINGS

The aim of Energy Management in buildings is to use the least amount of energy from a source that has the least amount of negative effect on the environment and long-term sustainability of our planets. This panel stresses the importance of energy management systems and gives an overview of tools and activities important for an efficient implementation of energy efficiency measures in public buildings.

Moderator: Boštjan Krajnc - Energy Agency of Savinjska, Šaleška and Koroška Region, KSEENA



Since 2008, Mr. Boštjan Krajnc is a Director of KSEENA – Energy Agency of Savinjska, Šaleška and Koroška Region. He is a graduate engineer in the field of energy and process engineering with more than 12 years of working experience in the field of energy. In 2009, he obtained the accreditation of the European Energy Manager. He is the expert in implementing investments projects for energy efficiency and renewable energy sources.

- **Understanding Energy management in buildings**
Assoc. Prof. Peter Virtič, Ph.D., University of Maribor
- **Similarities and differences of Energy Management depending on use of the buildings**
Ondřej Němec, Energy agency of Vysočina
- **Energy Information Systems**
Marko Kučan, City of Zagreb

PANEL DISCUSSION

Participants

- **Assoc. Prof. Peter Virtič, Ph.D., University of Maribor**
- **Ondřej Němec, Energy agency of Vysočina**
- **Marko Kučan, City of Zagreb**
- **Goran Hanžek, HEP ESCO, project FEEDSCHOOLS**

III. panel

12,30 – 13,30
LUNCH BREAK

13,30 – 15,00
PANEL III – TOOLS&TIPS TO HELP IMPLEMENT ENERGY ACTION THROUGH USER ENGAGEMENT

The human factor in the everyday use of the building has a huge impact on the costs for energy and materials used, and thus an impact on the environment. However, any use of these resources implies a chance to achieve savings and that is why it is necessary to systematically educate the user of the building, which will influence the motivation in the direction of changing behavior towards rational energy consumption.

Moderator: Anna Jaskula, Association of Municipalities Polish Network „Energie Cités” (PNEC)



Ms Jaskula is the executive director of the Association of Municipalities Polish Network „Energie Cités” (PNEC) and has extensive experience in cooperation with local governments and EU institutions and implementation of energy efficiency, RES and climate projects.

- **Training relevant stakeholders**
Patrycja Płonka, Association of Municipalities Polish Network “Energie Cites” (PNEC)
- **Incentives and tools for behavioural changes in TOGETHER project**
Federica Giandolo, Province of Treviso
- **Communication tools**
Maja Piktija, City of Zagreb

PANEL DISCUSSION

Participants

- **Patrycja Płonka - Association of Municipalities Polish Network „ Energie Cités” (PNEC)**
- **Antonio Zonta and Ms Federica Giandolo - Province of Treviso**
- **Maja Piktija - City of Zagreb**
- **Nadia Carboni, Union of Municipalities of Low Romagna Region, project Energy@school**

IV. panel



15,00 – 15,15
COFFEE BREAK

15,15 – 16,45

PANEL IV – SECURING POLITICAL BUY-IN TO IMPROVE ENERGY EFFICIENCY IN PUBLIC BUILDINGS

In order to secure effective results in the field of energy efficiency, it is necessary to bridge the unsatisfactory EE practices and policies, preparing the ground for future energy plans at local & regional levels. The local governance practices need to be brought to the center of reaching the set goals for decreasing energy consumption. This panel focuses on the activities to include local and regional authorities having a crucial role in meeting the targets of energy efficiency in public buildings.

Moderator: Dr Tamás Csoknyai, Budapest University of Technology and Economics



Head of the Department of Building Service and Process Engineering at the Budapest University of Technology and Economics, Mr. Csoknyai is also actively involved in the Together project and has experience in capacity building, technical EE and RES measures, building energy monitoring and methodological development.

- **Dialogue with stakeholders**
Zsófia Hamza, Municipality of XII District of Budapest
- **Transnational strategy and policy recommendation**
Balázs Borkovits, University of Pécs
- **Action Plan for Energy Efficiency in Public Building Stock**
Assoc. Prof. Peter Vrtič, Ph.D., University of Maribor

PANEL DISCUSSION

Participants:

- **Zsófia Hamza, Municipality of XII District of Budapest**
- **Balázs Borkovits, University of Pécs**
- **Assoc. Prof. Peter Vrtič, Ph.D., University of Maribor**
- **Daniel Rodik, DOOR, Compete4SECAP project**

16,45 – 17,00
CONFERENCE CLOSURE