

# Experiences from the Małopolska Region

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# What we have learned?

The key ingredient to success of energy renovation projects are.. PEOPLE



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- ... decision makers who create frameworks for energy renovation projects, take decisions on concrete investments and provide political support and resources necessary to implement them
- ... technical staff, who prepares, supervises and monitors the projects
- ... auditors and contractors involved in projects' implementation
- ... building managers who know their buildings and their situation best, who can not only report the need for specific interventions but also introduce organisational changes supporting more rational use of energy
- ... building maintenance staff who should ensure proper operation and maintenance of modernised or new equipment
- ... building users who can save energy by changing their own behaviours

# What we have learned?

Phase 1 of the REBUS project helped to collect...



...guidelines, tips, do's and don'ts...

...good practices on:

- building capacities of municipal staff
- involving and cooperating with key stakeholders
- involving and cooperating with building users



Pomiary		°C
Bx1	Max	6,7
Sp1		2,1
Sp2		5,4
Sp3		6,1
Sp4		5,3
Sp5		3,7
Parametry		
Emisyjność		0.95
Temp. odbita		18 °C
Komentarz		
45		

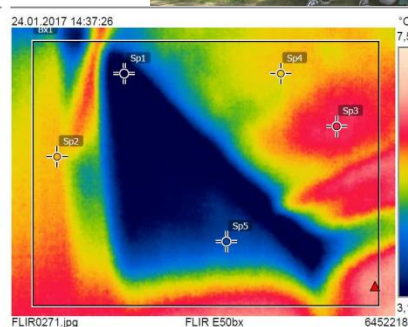


Photo: Raciechowice



Photo: Niepołomice

# Action Plan

Polish Action Plan aimed at the improved evaluation of the ROP for Małopolska Voivodeship, including evaluation of projects implemented under the instrument to check to which extent they follow the model **energy renovation path** and where there is still room for improvement. Important part of the evaluation focused on human component – internal staff capacities and stakeholders engagement.

## What we have found out?

- Regarding **internal capacities**, most beneficiary cities don't have energy managers or energy management units. They build on other departments' human resources and often reach for external expertise. No dedicated trainings for staff are organised.
- Regarding **stakeholders engagement**, in most occasions it is restricted to the contact with building managers and technical staff, who are informed about the project and later on equipped with operational manuals. Only in few cases they were actively engaged in designing energy renovation measures or sent to energy management trainings.
- Regarding **building users**, rarely energy renovation projects are combined with awareness raising and educational activities, inviting the users to join the effort and change their energy-related behaviours. Their energy-saving potential is not taken into consideration and the momentum lost.

# What we have decided to do about it?

We believe that each renovation project should be complemented with awareness raising campaigns and actions aiming at changing users behaviours and involving them in energy management processes. To disseminate and support uptake of this idea, as well as to give beneficiary cities concrete suggestions for educational & engagement campaigns, based on **REBUS good practices**, we have...



...organised on-line trainings where we discussed in detail different case studies and shared implementation packages (e.g. methodologies, lesson scenarios, event scenarios, ready-to-print posters) enabling replication

...published articles in media and presented the concepts at external events

... developed one ready-to-use „school audit” project involving students in building energy and social audit.

