



Installation of RES systems on public and residential buildings of the municipalities of Niepołomice, Miechów, Skawina and Wieliczka

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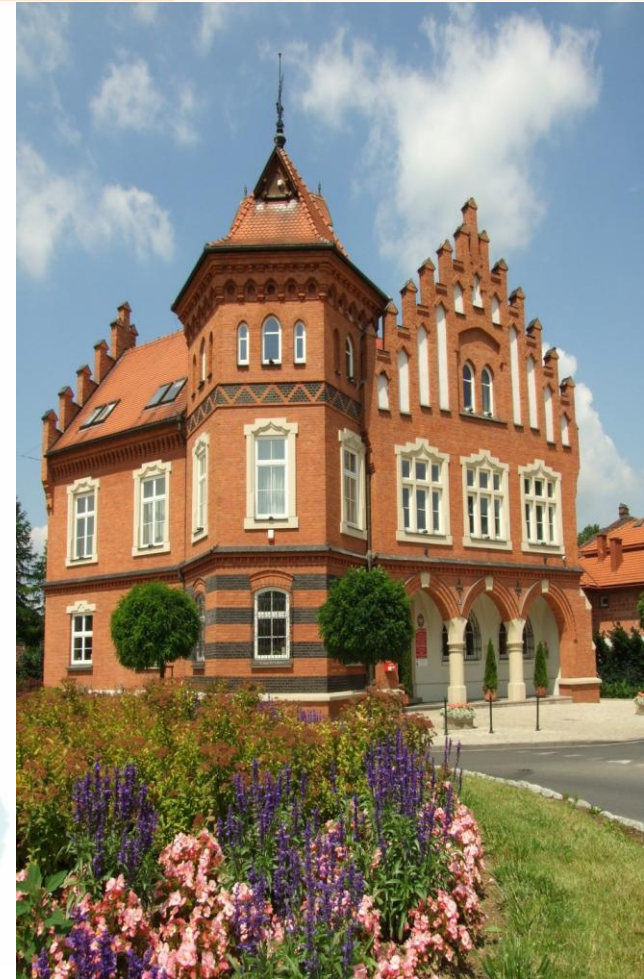
Who are we?

- Polish non-governmental organisation operating since 1994 and supporting sustainable energy planning and implementation on the local level;
- our activities include:
 - promotion of energy efficiency and use of renewable energy sources;
 - implementation of projects supporting sustainable energy development of Polish municipalities;
 - organization of conferences, seminars, workshops, study tours etc. devoted to energy-related issues;
 - supporting exchange of experience and ideas between its members;
 - helping in identifying and obtaining funds for energy-related projects.
- our members are local and regional authorities from all over Poland
- since April 2009 the organisation is an official Covenant Supporter and as such supports Polish CoM signatories in the development and implementation of SEAPs.



Niepołomice – frontrunners in sustainable energy

- Located in Małopolska Region (South of Poland)
- Approx. 25 inhabitants
- Joined CoM in 2009
- SEAP adopted in 2011
- Many sustainable energy actions implemented, incl.:
 - Thermal retrofitting of public buildings
 - RES investments in own premises (heat pumps, solar installations, biomass boilers)
 - Modernisation of street lighting
 - Launching municipal public transport
 - Smart metering (energy education of citizens – EURONET 50/50 MAX, calendar with energy saving tips)



Joint RES project in a nutshell

- 4 neighbouring municipalities join forces, prepare a common RES project and obtain co-financing from the Polish - Swiss Cooperation Fund:
 - municipality of Niepołomice – lead partner
 - municipality of Wieliczka
 - municipality of Skawina
 - municipality of Miechów
- RES systems are installed in 3841 households and 32 public buildings
- In case of private buildings, owners cover 30% of the costs
- RES systems include solar thermal panels, PV modules and heat pumps



MIASTO I GMINA
NIEPOŁOMICE



MIASTO I GMINA
WIELICZKA



MIASTO I GMINA
SKAWINA



GMINA I MIASTO
MIECHÓW



Objectives

- to improve living conditions and quality of the environment on the territory of partner municipalities through installation of environmentally-friendly energy sources

Methodology

The initiative was implemented in the following steps:

- needs analysis and development of the project concept
- applying for co-financing and signing a Grant Agreement
- definition of the technical characteristics of the RES to be installed within the project
- carrying out the public procurement procedure and selection of a contractor
- collection of applications from the citizens interested in having RES installed on their buildings and signing agreements with them
- installation of RES systems (mostly solar ones) on selected buildings
- organisation of a widespread information and educational campaign



Actors of the process

- Partner municipalities
- The contractor
- The citizens

Financial resources

- Total cost of the project: **69 451 881 PLN** (approx. 17 362 970 EUR).
- 60% is covered from the Polish-Swiss Cooperation Fund
- 40% is own contribution
 - wholly covered by municipality in case of public buildings
 - covered partly by municipality and partly by citizens in case of private buildings



Source: www.niepolomicesolary.eu



Main outputs

- No of public buildings with solar thermal collectors installed – 26
- No of public buildings with PV modules installed – 2
- No of public buildings with heat pumps installed – 4
- No of households with RES systems installed - 3 841
- Total surface of solar thermal collectors installed (in m²) – 18 514,5
- Total surface of PV modules installed (in m²) – 2 700
- Total number of heat pumps installed – 4
- Number of promotional events – 2
- Number of training campaigns – 1
- Number of promotion & information campaigns – 1
- Number of people participating in trainings – 1 400



Source: www.niepolomicesolary.eu





MAYORS IN ACTION

FOR A SUSTAINABLE FUTURE



Source: www.niepolomicesolarly.eu



**KAPE
CRES**



REGIONE DEL VENETO



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Empowering Covenant of Mayors Coordinators and Supporters to assist municipalities in implementing and monitoring their Sustainable Energy Action Plan

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THANK YOU!

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