



POLSKA SIEĆ
Energie Cités

Fighting energy poverty in Poland



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Executive Director

The Association of Municipalities
Polish Network „Energie Cités” (PNEC)

The Association of Municipalities Polish Network „Energie Cités” (PNEC)

- Polish non-profit NGO operating since 1994:
 - actively promotes and supports **sustainable energy development** on the local level
 - supports Polish municipalities in developing and implementing **local energy and climate strategies** and related **projects**
 - is a collective member of the European network Energy Cities located in Besançon, France.
- PNEC’s activities include:
 - promotion of **energy efficiency and RES use**
 - implementation of projects supporting **low-emission transformation & climate adaptation** in Polish municipalities
 - **organization of thematic conferences**, seminars, workshops, study tours, etc.
 - supporting **exchange of experience and ideas** between its members and other EU municipalities
 - assisting in identifying and obtaining **funds** for climate & energy-related projects
 - ensuring climate and environmental **education**

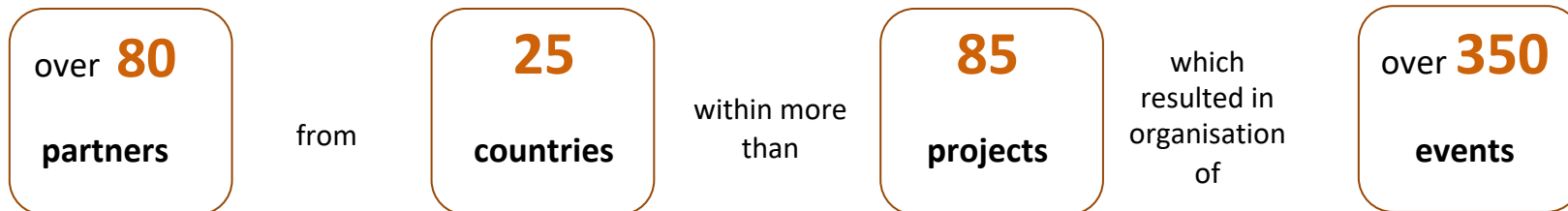


- PNEC's members are local and regional authorities from all over the Poland - **35 ordinary members** and 7 supportive members



- Since April 2009 PNEC is an official **Covenant of Mayors Supporter**, and as such it supports Polish CoM signatories in the **development, implementation and monitoring of SEAPs/SECAPs**

- Within its climate&Energy-related projects, financed from national and international funds, PNEC has been collaborating with:



- Current projects:



EnPover - Municipal low-cost energy efficiency measures to alleviate energy poverty

Duration:	October 2019 – June 2021
Financing:	EUKI
Coordination:	The Association of Municipalities Polish Network „Energie Citēs”
Partners	Deutsche Umwelthilfe, Energiaklub
Countries:	Germany, Hungary and Poland
Target groups:	Municipal officers, Private households

Aim: The EnPover project aimed to capacitate municipal actors to **fight energy poverty on their territories** and equip them with a **set of universal and ready-to-use tools supporting implementation of low-cost energy efficiency measures in vulnerable households.**

To support the process, a **network of municipal professionals has been created**, who **exchanged ideas and good practices** on diagnosing and tackling energy poverty. Also, a series of **inspiring workshops and study visits** were organised. And last, but not least, the project implemented a **model awareness raising campaigns** in pilot cities that inspired other cities to follow.

Activities undertaken within the project include:

- **creating a map of key stakeholders to be involved in diagnosing and targeting energy poverty at the local level.** The stakeholders included representatives of various departments and budgetary units of the municipality, as well as organizations dealing with the subject of energy, education, social inclusion, etc.
- **organization of workshops with the participation of city experts,** property owners, households, consumer protection actors, social workers, energy consulting organizations etc.;
- **collecting best practice examples of successful initiatives** supporting energy poor households to reduce their energy consumption and improve comfort of living;
- developing a **toolkit of customized and ready-to-use support schemes** boosting implementation of low-cost energy efficiency measures in private households.
- initiating **model energy awareness campaigns** targeted at private households, especially those most at risk of energy poverty;

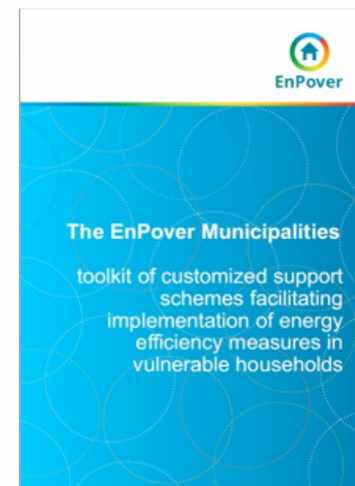
Project website: <http://www.enpover.eu/en/>

Booklet of good practices on tackling energy poverty

The booklet **contains a collection of good practices**: examples of successful municipal measures - educational campaigns, consultancy services, support schemes and other – targeting energy poverty vulnerable households. They may serve as an inspiration for other municipalities wishing to facilitate implementation of low-cost energy efficiency measures in vulnerable households and thus help them to reduce their energy bill and improve comfort of life.

EnPover Toolkit

The toolkit is destined for municipalities wishing to tackle the energy poverty problem. It **includes a set of customised and ready-to-replicate measures which can be used on the local level to boost implementation of low-cost energy efficiency improvements** (change of behaviours, small intervention/investment) in vulnerable households. It is based on best practices collected in the scope of the project and includes detailed guidelines and tips not only on how to implement selected campaigns, services or support schemes, but also how to assess the scale of energy poverty on the local level, recruit and engage households in an EP mitigation programme and monitor the results of implemented measures.





EnergyMeasures
Tailored measures supporting energy vulnerable households



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**Bielsko
Biała**  **chroni
klimat**

Tailored measures supporting energy vulnerable households

Duration:	September 2020 – March 2024
Financing:	HORIZON 2020
Coordination:	University College Cork
Partner from Poland:	The Association of Municipalities Polish Network „Energie Citēs”
Engaged city:	Bielsko-Biała (Silesian Voivodeship)
Target group:	Households at risk of energy poverty
Aim:	The aim of the project is to improve the situation of households at risk of energy poverty by increasing the energy awareness of residents and teaching them how to use energy more rationally while maintaining an adequate standard of living. As part of the project, visits to energy-poor households are being maintained in order to assess their individual situation and to propose specific energy-saving solutions, adapter to their individual needs.



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Activities undertaken within the project include:

- on the city level:

- identification of **key indicators, methods and tools** to identify households at risk of energy poverty, and then to **approach** them and engage them in an Energy Consultation Programme
- development and launching of an **Energy Consultation Programme**, which includes individual meetings with households to identify their energy situation and provide targeted energy-saving tips
- organisation of first households visits with interested households to **check** their technical state, energy consumption and energy consumption habits
- **defining possible low-cost measures** for reducing energy consumption in analysed households
- **sharing the guidelines**, together with the small energy-saving equipment during the second household visits
- **monitoring** energy consumption of consulted households to check whether the suggested measures have been implemented and how they work in practice

- on the country level:

- organization of **training workshops** concerning tackling energy poverty for all stakeholders interested in the subject
- collection of **best practices** concerning direct support to households threatened or affected by energy poverty
- development of a **guide on how to change energy consumption habits**
- **evaluation of the legal frameworks** concerning energy poverty alleviation, as well as developing the recommendations for possible improvement of these frameworks





EnergyMeasures
Tailored measures supporting energy vulnerable households



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Individual Action Plans on how to reduce energy consumption in a household

The action plans have been created based on the interviews conducted with individual households. They provide tailor-made guidance for citizens, which help them to see what exactly can be done in their particular situation to improve energy efficiency without significant financial investments.

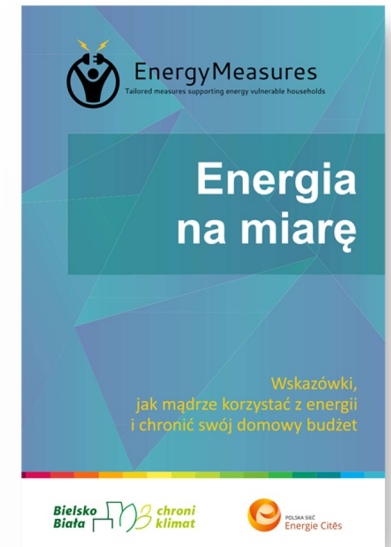
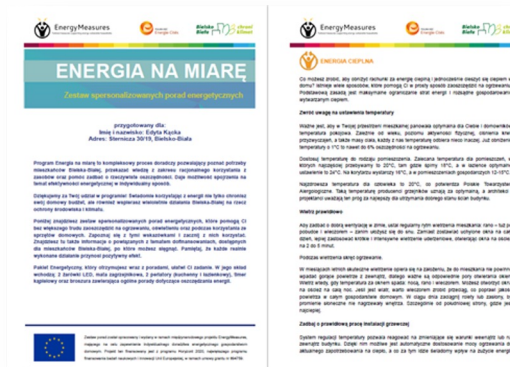


Brochure with overall energy-saving tips

The brochure contains a collection of general tips on how to save energy at home. They may serve as an inspiration for the inhabitants wishing to reduce their Energy consumption, energy expenses and improve comfort of life.

Energy Boxes

The Energy Boxes are sets of small energy-saving equipment disseminated among the vulnerable households involved in the project. The boxes contain devices facilitating implementation of the proposed energy-saving solutions, such as energy-saving bulbs, aerators or thermal insulation mats.



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Examples of national programmes for alleviating energy poverty

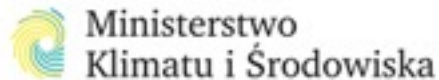
National programmes for alleviating energy poverty on national level

- **Clean Air programme (Czyste powietrze)**
 - programme co-financing replacement of inefficient, solid fuels-based heat sources with environmentally-friendly ones.

The main goal is to finance:

- replacement of old and ineffective heat sources fired with solid fuels with modern, more environmentally friendly ones that meet the highest emission standards
- carrying out the necessary thermo-modernization works.

The subsidy may be up to PLN 30.000 for the basic subsidy level, PLN 37.000 for the higher subsidy level and PLN 69.000 for the highest subsidy level.



Narodowy Fundusz
Ochrony Środowiska
i Gospodarki Wodnej



National programmes for alleviating energy poverty on national level

- **Thermo-modernization relief (Ulga termomodernizacyjna)**

A **tax relief** that covers thermal modernization works, which **include the building insulation and the replacement of solid fuel boilers in existing single-family buildings**. It can be combined, for example, with a subsidy from the Clean Air program for higher support for the thermo-modernization investment.

The relief is addressed at personal income taxpayers, paying the scale tax (17% or 32% rate), a uniform 19% tax rate (the so-called flat tax) and paying a lump sum on recorded income. It supports changing the heat source, replacing doors and windows, insulating the building or other thermal modernization activities. The amount of the deduction can be up to 53 thousand zloty.



National programmes for alleviating energy poverty on national level

- **Protective allowance under the anti-inflationary shield**

The allowance aims to **compensate for the growing energy and fuel prices**. It temporarily replaces the energy allowance and the co-financing rate depends on the income and the source of heating.

The allowance is part of the government's anti-inflationary shield. Pursuant to the regulations, it is granted to the households whose average monthly income does not exceed PLN 2,100 in case of a single-person household or PLN 1,500 per person in case of a multi-person household.



National programmes for alleviating energy poverty on national level

- **Warm Apartment programme** (Ciepłe mieszkanie) (under preparation)

The subsidies will be allocated to the **thermal modernization of individual apartments in multi-family buildings**.

The programme has been created to further contribute to the improvement of air quality in Poland. It is targeted at persons who are owners of single apartments in multi-family buildings.





Examples of programmes for alleviating energy poverty on local level

Alleviating energy poverty on regional level

- **Network of Eco-Advisors** - Małopolska region

The task of **Eco-Advisors** is to **raise the general energy awareness of households**, teach them how to save energy, implement energy-saving improvements in buildings, as well as to inform them where to **find subsidies** for major renovations, including replacement of old and ineffective heat sources.

The role of Eco-advisers is also to **co-create the municipal air protection strategy** and support the municipality in the implementation of the objectives of the Małopolskie Voivodeship Air Protection Programme at the local level.



Alleviating energy poverty on local level

- **Co-financing district heating for multi-family residential buildings**

Bielsko-Biała

The programme aims at **eliminating coal-fired furnaces in multi-family buildings in the city center.**

It consists in co-financing the liquidation of solid fuel-based heating in multi-family residential buildings - i.e. in buildings with at least 3 independent apartments - and the construction of new central heating or domestic hot water installations, supplied with heat from:

- municipal heating network
- other ecological central source not using solid fuels (in case there is no possibility of connecting the building to the municipal heating network).



Alleviating energy poverty on local level

- **Local subsidies for the replacement of the heat source in single-family houses**

Many Polish municipalities also implement local programmes co-financing replacement of old and inefficient, coal-fired boilers in single-family households with more environmentally-friendly heat sources.

The creation of such local programs is often **the result of implementation of the anti-smog resolutions**, and the amount of co-financing for the replacement of the furnace depends mainly on **individual conditions set by local authorities** (it can be from several to several thousand zł).



Thanks for your attention!

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