

ENERGY POVERTY

Energy poverty is a pressing issue in the European Union, **affecting millions** and leading to adverse impacts on public health, social inclusion, and quality of life.

It occurs when a household must reduce its energy consumption to a degree that negatively impacts the inhabitants' **health and well-being**.

It is mainly caused by a high proportion of household expenditure spent on energy, low income, and low energy **performance of buildings** and appliances.

IRENE is more than energy savings. It's a transformation of urban living, creating warmer, healthier, and sustainable communities across Europe.

CONSORTIUM



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IRENE

Catalysing Inclusive, Representative,
Equitable Energy Renovation Wave



PROJECT ACTIVITIES

Local diagnosis and energy poverty mapping.

Creation of **One Stop Shops (OSS)** to provide technical, financial, and legal support for energy renovations.

Creation of **multi-stakeholder groups** with local authorities, community representatives, and technical experts.

Implementation of **Energy Justice Hubs** to foster dialogue, develop solutions, and ensure the long-term sustainability of the project's impacts.

Inclusive and participatory process, providing tailored training programmes to empower residents and stakeholders with the knowledge needed to actively engage in the **energy transition**.

OBJECTIVES



Renovate **227** multi-apartment buildings.



Reducing energy consumption by **72 GWh/year**.



Reducing greenhouse gas emissions by **68,6 tCO2e/year**.



Benefit **7,440** vulnerable households.



Benefit **17,358** people from improved health, comfort, and social inclusion.



Train **500** residents in energy efficiency.



Establish **97** governance structures to promote equitable renovation practices.



Implement **9** legislative acts.



Secure **€ 293M** in investment.

PILOTS

IRENE promotes energy-efficient building renovations and enhances **One Stop Shops (OSS)** in four European cities:

- Vilvoorde and Leuven (Belgium)
- Vilnius (Lithuania)
- Madrid (Spain)

