

Heat losses eliminated with energy efficient technologies in Poland

Key facts

Investor

Individual homeowner

Location

Wodzisław Śląski, Poland

Investment

- Additional thermal insulation of external walls
- Additional thermal insulation of roof
- Improvement of the heating system
- Heat source replacement by heat pump

Investment size

€16,760

Financial results

Costs savings of €890 per year

Energy savings

59,750 kWh per year

CO2 savings

21,89 tonnes per year

Sub heading of up to 15 words

Case study summary (1-2 sentences)

A house owner in Wodzisław Śląski, Poland invested €16,760 and the impacts were reduce the energy consumption by 59,750 kWh per year, resulting in the annual costs savings of €890 and a reduction of the CO2 emissions by 21,89 tonnes per year.

Background about the company or family (1-2 sentences)

The owner of the house decided to invest in its thermo-modernization because of high electricity bills. Moreover, the building was already outdated and needed to be renovated in order to increase the comfort of living.

For this purpose, the owner of the house decided to use the PoIREFF program, under which he received funding for the implementation of investments and free technical advice.

What motivated the client to use GEF? (1-3 sentences)

The family decided to make an investment to increase the comfort and save on heating.

What support did GEF provide? (1-3 sentences)

PoIREFF provides a list of energy-efficient products that are verified by independent engineers. This list is called a Technology Selector and is generally available on the Internet. The energy efficient products visible on the Technology Selector automatically qualify to receive financing from the participating banks in PoIREFF. The home owner used Technology Selector to purchase best energy efficient technologies on the Polish market.

What were the project costs and results? (1-3 sentences)

The €16,760 investment allowed to reduce the energy consumption by 59,750 kWh per year, resulting in the annual costs savings of €890.

What were the CO2 emissions savings? (1-3 sentences)

The new equipment led to a reduction of the CO2 emissions by 21,89 tonnes per year, making a valuable input towards mitigation of negative effect of human activity on climate.

Was there any additional feedback or positive quotes from the client? (1-3 sentences)

“With this investment the quality of living in the house increased”.