

Heat losses eliminated with energy efficient technologies in Poland

Key facts

Investor

Individual homeowner

Location

Koszęcin, Poland

Investment

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

Investment size

€18,100

Financial results

Costs savings of €470 per year

Energy savings

63,570 kWh per year

CO2 savings

24,71 tonnes per year



Sub heading of up to 15 words

Case study summary (1-2 sentences)

A house owner in Koszęcin, Poland invested €18,100 and the impacts were reduce the energy consumption by 63,570 kWh per year, resulting in the annual costs savings of €470 and a reduction of the CO2 emissions by 24,71 tonnes per year.

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

A house owner in Koszęcin, Poland, needed to reduce heat losses through the inefficient insulations of the house (approx.180 sq.m.). To reach this objective, the house owner approached PolREFF and its participating bank in order to receive financing to purchase new energy efficient technologies supported with free technical advices.

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)

The sub-borrower could search for the energy efficient technologies from the online Technology Selector on the PolREFF website – a database where the best available energy saving technologies on the market are presented. Since energy efficient equipment visible on the Technology Selector was already pre-evaluated by PolREFF engineers for its energy savings potential, the loan granted, automatically.

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

The €18,100 investment allowed to reduce the energy consumption by 63,570 kWh per year, resulting in the annual costs savings of €470.

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

The new equipment led to a reduction of the CO2 emissions by 24,71 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”.