

Investment Package PLN 80K

Investment Description

The proposed investment is designed for owners of detached houses who are planning a comprehensive thermal modernisation to improve the energy efficiency of the building. The scope of works includes replacement of an old coal fired boiler with a new gas condensing boiler together with modernisation of the old space heating system. The modernisation also includes insulation of the external walls of the building with styrofoam.

Did you know that...

Heat loss through external constitutes the largest share of the total heat loss of a building. By insulating the external walls of the building, you can also gain additional benefits such as improving the external appearance of the building or eliminating the "cold wall effect". The internal surface of a non-insulated wall has a much lower temperature. After insulation, the temperature distribution in the wall changes significantly, and its internal surface has a temperature only slightly lower than the air temperature in the room and no longer feels cold.

Important Note

Completion of this investment entitles you to a tax return under which you can obtain deductions from the tax base for all purchases of materials and services provided they are supported by registered VAT invoices issued to the owner of the building.

Investment Specifications	
Detached house size [m ²]	125
Current energy costs [PLN/year]	7,730
Gas condensing boiler [PLN]	8,750
Central heating system [PLN]	14,550
External walls insulation [PLN]	51,250
Investment costs* [PLN]	74,550

Estimated Effects					
Energy	Economic	Climate Emissions reduction	Anti-Smog Emissions reduction		
			Dusts	VOCs*	Nox**
Energy savings	Reducing energy costs	CO ₂	kg/year		
GJ/year	PLN/year	tons/year	kg/year		
170.10	1,162	20.12	115.20	110.53	39.85

*VOC – Volatile organic compounds

**NOx – Nitrogen oxides

Potential Tax Relief Benefits for this investment [PLN]	
Tax Relief limits*	53,000
Number of eligible taxpayers/owners of the house	1
Limit to be settled	53,000
Eligible investment costs	74,550
Annual Income of the taxpayer/owner of the house	135,000
Base for the tax deductible	53,000
Tax refund	16,466

* The calculations presented above are indicative and cannot be used as a basis for making a decision on investment implementation and for the purposes of the Tax Relief

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