

# Investment Package PLN 8K

## Investment Description

The owner of the apartment decided to replace old wooden windows with modern triple pane windows. In addition, he decided to replace the old lightbulbs in the entire apartment with modern LED lights.

In order to complete the investment, the owner took advantage of the PoIREFF programme, under which you can receive financing for purchasing equipment that reduce energy consumption by at least 20%. PoIREFF provides a list of verified energy-saving materials and equipment called Technology Selector, which helped the owner of the apartment to find the most suitable windows and lighting for his needs. The investment was financed by a cash loan from one of the banks participating in the PoIREFF programme.

## Did you know that...

Triple pane windows are heavier than double pane windows but in addition to lower heat losses they also provide better sound insulation.

When choosing LED lights, you should pay attention to the color temperature of the light emitted. It is best to use LED light with a color temperature not lower than 4000K for a workspace, while spaces for relaxation and general lighting can have a color temperature of 2700K - 3000K.

## Important Note

The flat owners may NOT take advantage of Tax Relief. Thermal modernisation investments may be tax deductible only when performed in the detached family houses.

Investment Specifications	
Flat size [m <sup>2</sup> ]	63
Current energy costs [PLN/year]	2,789
Windows replacement [PLN]	6,500
Lighting replacement [PLN]	1,500
Investment costs* [PLN]	<b>8,000</b>

Estimated Effects					
Energy	Economic	Climate Emissions reduction	Anti-Smog Emissions reduction		
Energy savings	Reducing energy costs	CO <sub>2</sub>	Dusts	VOCs*	NOx**
GJ/year	PLN/year	tons/year	kg/year		
8.40	517	0.26	0.80	1.13	2.76

\*VOC – Volatile organic compounds

\*\*NOx – Nitrogen oxides

Potential Tax Relief Benefits for this investment [PLN]	
Tax Relief limits*	<b>Not qualified</b>
Number of eligible taxpayers/owners of the house	
Limit to be settled	
Eligible investment costs	
Annual Income of the taxpayer/owner of the house	
Base for the tax deductible	
Tax refund	

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