

Challenge

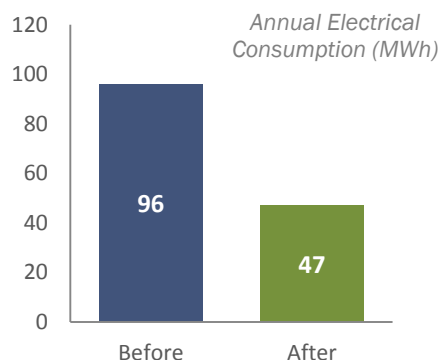
This multi-family residential building located in Split in southern Croatia was built in 1985 and had insufficient thermal insulation and a worn out façade, which resulted in significant heat losses.

Solution

A new 8 cm thick layer of packing foam was added to the exterior façade. In order to improve energy efficiency of the building even further, the roof of the building was also thermally insulated.

Energy Savings – 51%

Investing in the additional exterior wall and roof thermal insulation and a new façade resulted in total energy savings of 51%. In addition to substantial improvement of the building's energy efficiency, other benefits include improved living comfort and exterior visual-esthetic appearance.



Implemented through the EU/EBRD WeBSEFF program

Company

Country	Croatia
Sector / Asset type	Residential (multi-family)
Project type	EE
Main business activity	Property management

Project Facts and Benefits

Investment value	EUR 102,475
Loan amount	EUR 102,475
Energy savings	49 MWh/yr
Decrease of CO ₂ emissions	18 tonnes/yr
Equivalent cars removed	4
Equivalent trees planted	470
Annual monetary savings	EUR 10,300/yr
Payback period	9.9 years
ROI	10%