

## Challenge

This public general hospital in northern Croatia was in need of a substantial retrofit of its buildings. Since the estimated investment for this project was beyond the hospital's own financing capability, other options were explored.

## Solution

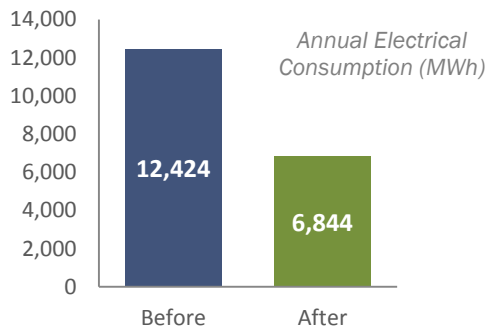
The Ministry of Health, which has jurisdiction over this general hospital, selected - through public procurement - an Energy Services Company (ESCO) and signed a contract to provide energy services for 15 years. The ESCO implemented the following measures in seven hospital facilities (general medicine, surgery, kitchen, pharmacy, neurology, laundry and accounting):

- wall, floor, ceiling and roof thermal insulation
- windows replacement
- lighting replacement
- chillers replacement
- retrofit of heating system
- solar PV panels

## Energy Savings -45%

## Energy Production -717 MWh

Investment in green retrofit of the hospital facilities has resulted in energy savings of 5,580 MWh per year and solar PV renewable energy production of 717 MWh per year, generating monetary savings of EUR 358,690 per year.



Implemented through the EU/EBRD WeBSEFF program

## Company

Country	Croatia
Sector / Asset type	Healthcare (hospital)
Project type	EE/RE
Main business activity	Hospital activities Energy Services Company (ESCO)

## Project Facts and Benefits

Investment value	EUR 6,400,000
Loan amount	EUR 2,500,000
Energy production	717 MWh/yr
Energy savings	5,580 MWh/yr
Decrease of CO <sub>2</sub> emissions	1,130 tonnes/yr
Equivalent cars removed	240
Equivalent trees planted	18,690
Annual monetary savings	EUR 358,690/yr
Payback period	17.8 years
ROI	6%