

Challenge

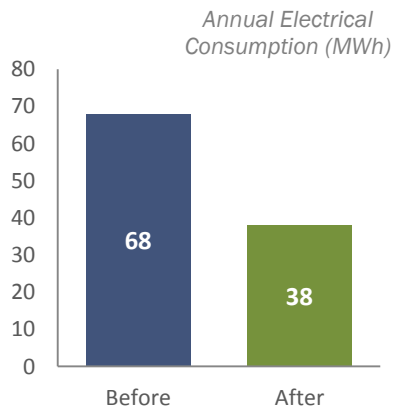
This wood processing and wood briquette factory in central Bosnia and Herzegovina used an outdated and energy inefficient computer numerical control (CNC) machine in its production process.

Solution

In order to boost its energy efficiency and cost savings, the company invested in replacement of its existing CNC machine with a new energy-efficient machine.

Energy Savings – 44%

Replacement of the wood processing machine resulted in energy savings of 44%, while at the same time improving the production process in whole.



Implemented through the EU/EBRD WeBSEFF program

Company

Country	Bosnia and Herzegovina
Sector / Asset type	Industrial
Project type	EE
Main business activity	Primary, secondary, and final wood processing

Project Facts and Benefits

Investment value	EUR 170,150
Loan amount	EUR 152,100
Energy savings	30 MWh/yr
Decrease of CO ₂ emissions	27 tonnes/yr
Equivalent cars removed	6
Equivalent trees planted	700
Annual monetary savings	EUR 23,761/yr
Payback period	7.2 years
ROI	14%