

Challenge

This 20 year-old brewery in northwestern Bosnia and Herzegovina was keen to replace and upgrade its old, poorly designed and inefficient equipment for beer production, and to reduce energy consumption.

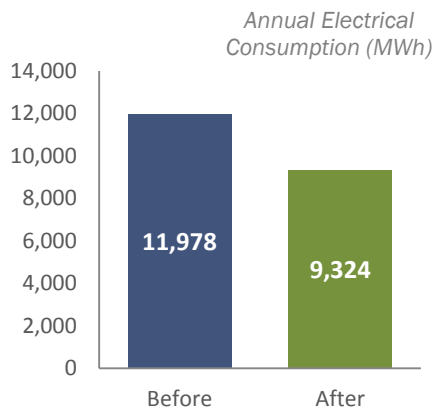
Solution

Analysis of the performance of the existing equipment confirmed that investing in the below technologies would greatly improve energy efficiency and slash costs:

- replacement of a burner in one of the boilers
- installation of meters and controls
- rebuilding and recalibrating one of the brew kettles

Energy Savings – 22%

Investing in the energy efficiency measures resulted in total energy savings of 22%. Besides reduced production costs and increased energy efficiency, the investment also secured better product quality.



Implemented through the EU/EBRD WeBSEFF program

Company

Country	Bosia and Herzegovina
Sector / Asset type	Industrial
Project type	EE
Main business activity	Production of beer and beverages

Project Facts and Benefits

Investment value	EUR 235,802
Loan amount	EUR 235,802
Energy savings	2,654 MWh/yr
Decrease of CO ₂ emissions	743 tonnes/yr
Equivalent cars removed	160
Equivalent trees planted	19,260
Annual monetary savings	EUR 91,837/yr
Payback period	2.6 years
ROI	39%