

## Challenge

The leading producer in the Balkans of packaging materials made of polypropylene needed to invest in modernizing its twenty-five year old weaving machinery and auxiliary equipment, which were large consumers of electricity and required frequent maintenance work.

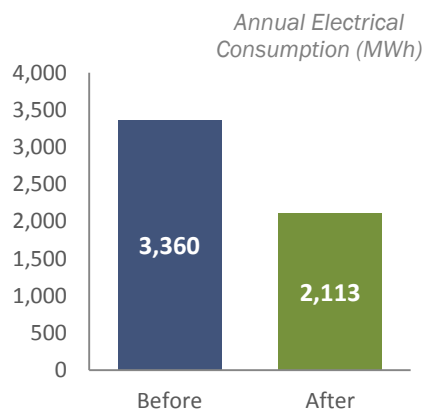
## Solution

Calculations showed that replacement of the old equipment would result in significant energy savings and other benefits. The following energy-efficient equipment of the newest generation was acquired:

- seven weaving looms
- polypropylene strip extrusion line
- chiller
- compressor

## Energy Savings – 37%

The investment resulted in energy savings of 37%. Other benefits include: improved production process and product quality, better working conditions, and much lower operational and maintenance costs.



Implemented through the EU/EBRD WeBSEFF program

## Company

Country	Republic of Serbia
Sector / Asset type	Industrial
Project type	EE
Main business activity	Manufacture of polypropylene products

## Project Facts and Benefits

Investment value	EUR 614,720
Loan amount	EUR 600,000
Energy savings	1,247 MWh/yr
Decrease of CO <sub>2</sub> emissions	1,037 tonnes/yr
Equivalent cars removed	220
Equivalent trees planted	26,880
Annual monetary savings	EUR 168,941/yr
Payback period	3.6 years
ROI	28%