

Challenge

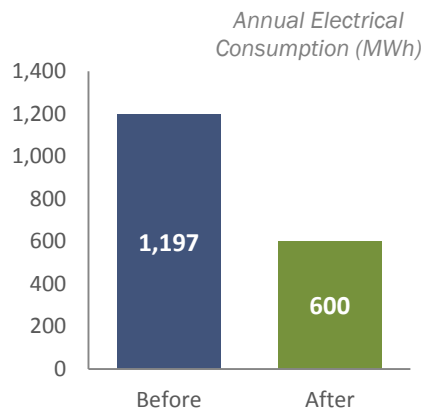
This printing company from southern FYR of Macedonia had been using a rotogravure press printing machine for 15 years, when it became apparent that the machine had become a heavy energy user and could not expand production volume or meet quality goals.

Solution

In order to improve productivity and product quality, while at the same time reducing energy consumption, the company decided to invest in a new energy efficient rotogravure press printing machine with advanced features.

Energy Savings – 50%

Replacement of the old rotogravure press printing machine resulted in energy savings of 50%. The investment also helped to reduce costs for chemicals and operational and maintenance costs.



Implemented through the EU/EBRD WeBSEFF program

Company

Country	FYRo Macedonia
Sector / Asset type	Commercial (services)
Project type	EE
Main business activity	Printing services

Project Facts and Benefits

Investment value	EUR 1,725,685
Loan amount	EUR 1,720,000
Energy savings	597 MWh/yr
Decrease of CO ₂ emissions	199 tonnes/yr
Equivalent cars removed	43
Equivalent trees planted	5,160
Annual monetary savings	EUR 696,336/yr
Payback period	2.5 years
ROI	40%