

Challenge

The leading confectionary company in FYR Macedonia has been in business since 1882. Many of its current technologies were aging, resulting in high energy costs and raw materials losses in the production process.

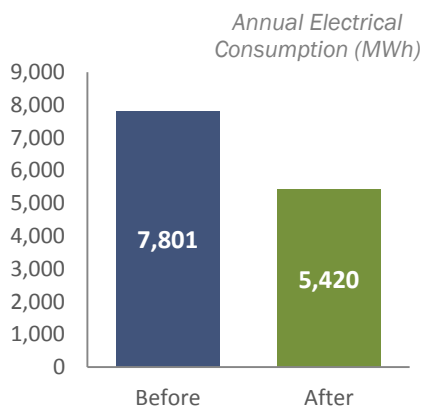
Solution

To reduce its production costs, the company decided to invest in the following measures:

- replacement of an old boiler
- upgrade of the production line
- rehabilitation of the steam and condensate system

Energy Savings – 31%

Investment in the above energy efficiency measures provided energy savings of 31%, while at the same time reducing production costs and greatly enhancing the quality of the product.



Implemented through the EU/EBRD WeBSEFF program

Company

Country	FYR Macedonia
Sector / Asset type	Industrial
Project type	EE
Main business activity	Manufacture of cocoa, chocolate and sugar confectionery

Project Facts and Benefits

Investment value	EUR 903,157
Loan amount	EUR 770,000
Energy savings	2,381 MWh/yr
Decrease of CO ₂ emissions	490 tonnes/yr
Equivalent cars removed	105
Equivalent trees planted	12,700
Annual monetary savings	EUR 262,193/yr
Payback period	3.4 years
ROI	29%