



Case Study

Euroethyl JSC

Project Details

sector

Industrial Production

type of project

Renewable Energy

Project Results

- » Lower heavy fuel oil costs
- » Reduced CO₂ emissions

Overview

Euroethyl JSC is the first plant for ethanol and bioethanol in Bulgaria and Southeastern Europe, it is located in the town of Alfatar in Silistra district. The location of the factory is determined by the agricultural land processed in this region, where the basic raw materials - wheat and corn, for the manufacturing process are grown. The project involved the installation of a biomass steam boiler on straw on the site of the biofuel plant. This single biomass boiler replaced two existing heavy fuel oil boilers.

Renewable Energy System Installed

- ✓ Biomass steam boiler using straw

**Energy Efficiency
Reduces Energy Costs
by 64 %**

Euroethyl JSC

Investment Details

Total Project Cost	EUR 2,547,679
KIDSF Grant	EUR 400,000
Loan	EUR 2,000,000
Simple Payback Period	1.3 years
Internal Rate of Return	58%

Estimated Annual Savings

Energy Cost Saving	EUR 68,000
Reduced Energy Costs by %	64%

Annual Carbon Emission Reduction
23,300 tons