



Case Study

Alt Co JSC

Project Details

sector

Agriculture

type of project

Energy Efficiency

Project Results

- » *Increased production of vegetables*
- » *Reduced energy costs*
- » *Reduced carbon emission level*

Overview

Alt Co JSC has a large greenhouse located in Kresna, Blagoevgrad region. The energy efficiency measures financed by BEERECL included converting two boilers to natural gas, installation of a co-generator, and reconstruction and modernization of the boiler rooms. With the natural gas-fired co-generation unit, both the heating and electricity needs of the greenhouse are met during the cold seasons. The hot water produced by the boilers is used for heating the greenhouse.

Energy Efficiency Measures Installed

- ✓ Gasification of the two boiler rooms, installation of a co-generator, and reconstruction and modernization of the boiler rooms

Energy Efficiency Significantly Reduces Energy Costs

Alt Co JSC

Investment Details

Total Project Cost	EUR 2,428,626
KIDSF Grant	EUR 145,800
Loan	EUR 1,944,000
Simple Payback Period	4.86 years
Internal Rate of Return	21,61%

Estimated Annual Savings

Energy Cost Saving	EUR 530,000
Reduced Energy Costs by %	96,3%

Annual Carbon Emission Reduction
9,550 tons