

Companies connection to energy efficiency

The company is aware of its position in the human, animal and plant environment, and its taxation as a result of its business activities. It seeks to minimize this tax, in cooperation with the residents of the company's business area, growers, suppliers of goods and services. Due to its social status and its prominent position in the food industry, the company has an interest in providing fair products, fully and correctly informing consumers, maintaining sound farmland and clean water, and the responsible use of finite raw materials and energy sources.

"The company strives for growth and wants to make a sustainable contribution to the brand and the company for a prospective future"

Steam system

Two boilers, 10 tons/hour each, age 1967 and 1971. No condensate returns

Proposed energy saving measure(s), investments, and expected results

Saving measure	Energy saved	Costs saved [€/year]	Investment costs [€]	Economic Indicator (PB, IRR, NPV,...)	NEBs
Insulation: boilers, pipes, valves	148.825 m ³ gas	29.765,-	75.000,-	2,5	Climate, Safety
Pressure reduction	89.300 m ³ gas	17.860,-	500,-	0,03	Safety
Maintenance and engineering actions	Several actions				Maintenance costs
Feasibility study; not a priority: Replacement boiler, reverse osmose included	357.183 m ³ gas	71.436,60	500.000,-	7,0	Quality Risk Decrease chemicals Decrease CO ₂ corrosion
Feasibility study; not a priority: Phasing out steam for space heating	475.000 m ³ gas	95.000,-	Study		Comfort
Monitoring	Several actions				Quality Risk

Implemented proposed energy saving measure(s), investments and results achieved (in figures)

All the proposed actions will be carried out in the next 4 years. The replacement of the boiler and phasing steam out for space heating depend on the results of the feasibility study.

Involvement of internal stakeholders

The following positions were represented in the internal team: Production manager and member of the management team; Head technical department, facility manager Head quality and energy manager; Boiler attendant

The Netherlands

Fruit and vegetable preservation

192 employees

Total (estimated) Investment

Ca. € 575,500

Total (Estimated) Savings

Ca.€ 214,000 p/year

Ca. 33,875 GJ p/year

Non Energy Benefits

Decrease risk

Climate safety control

Decrease chemicals