

Companies connection to energy efficiency

The company is focused to environmental performance as part of their corporate social responsibility approach. The sustainability report include In order to fulfil requirements of international standards, initiated its commitment by incorporating ISO-9001.

Steam system

The steam generation is provided by steam boilers with 2 MW capacity fed with natural gas. Main consuming processes are pasteurization, seaming machines and autoclaves for food packaging.

Steam system problems identified

No major problems were identified in the use of steam, and the focus of the steam audit was in steam production, energy distribution system and use of steam. The company has been developing measures along the last years to improve their steam and heat consumption, focused on process improvement and energy management.

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

The energy efficiency measures proposed are dedicated to reduce the need of steam in the plant.

- Substitution of the old gas boiler by a new biomass boiler (alternatively a more efficient gas boiler) to reduce energy consumption and better energy management: Pay-back estimated in 4 years.

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

By the time of Steam_UP project the company has substituted the old gas boiler by a new gas boiler with better efficiency.

Achieved and/or expected Non Energy Benefits (NEBs) as result of implemented and/or proposed measures and investments involved

The key NEBs are related to improvement of the global production performance and competitiveness of the company, as well as CO2 reduction.

Involvement of internal stakeholders

The company has a tradition of reaching strong environmental targets and product quality, as part of the company strategy and to increase competitiveness. Since the project start the management team lead by the maintenance manager were involved in the project to gain the most benefit from the audit and auditors knowledge.



Spain

Food sector

Pickles

150 employees

Total proposed investments

€ 270.000

Total Savings estimated

1.400 MWh/y

Non Energy Benefits

CO2 reduction

Global production performance

Competitiveness