



'We have drastically reduced our CO₂ emissions.'



Jorge Callejas
Production director in FRIAL

Change in the boiler burner

This company is a private food industry involved in the production of meat products, particularly ham and sausages. They carried out several measures regarding increasing the efficiency of the steam generation. The type of measures taken were technical (new equipment and new technology), good housekeeping (controls, maintenance, settings, etc.), organisational and logistics. These investments resulted in annual energy saving of 810.000 MJ, equivalent to 60.000 €/y.

Investment

€ 82.000

Savings

€ 60.000 p/y

810.000 MJ/y

Other benefits

Product quality

Environmental benefits

Work environment, health and safety

Productivity

Why we did it?

Initially, the main objective was to improve efficiency by the substitution of the boiler burner and a shift of fuel to natural gas and a change in boiler operation. These actions carried out led not only to an increase in productivity but also to enhance sustainability and emissions' reduction.

An increase of 14% in energy savings was achieved thus allowing the company to reach better production performance and economic savings. This is a good evidence of the synergy between energy and non-energy-benefits that usually go hand in hand.

However, there is still chance to perform more improvements in the steam system and in the overall process, so these benefits foster other measures to be developed in the close future •

