



FUEL SUPPLY

20.000 tons of manure and agricultural by-products per year



DESCRIPTION

This plant is a **virtuous example of the circular economy** perfectly integrated into the **Soldati Holstein** farm: a modern farm of about 1,200 animals, attentive to animal welfare and agronomic regeneration of the 230 hectares of land it cultivates. A responsible investment that integrates the company's economic activity without distorting it and at the same time **generates green energy**.

This is a typical **300 kWel agricultural biogas** project with energy supplied to the grid, heat used to heat fermenters and digestate spread on the soil.

It has an innovative **pre-treatment system of solid biomass entering the plant with automatic expulsion of aggregates/undesirables**, which, by optimising the solid/liquid mixing of by-products and avoiding the entry of aggregates into the fermentation tanks, allows the improvement of the anaerobic digestion process to the benefit of the plant's operation.



DIGESTATE USE

Spreading in fields as an organic fertilizer



VALORISATION OF THERMAL ENERGY

Heating of tanks



BIOGAS USE

Electricity and heat production