

2019

Mauzé-sur-le-Mignon (79)

Plant size: 499 kWel



SUPPLY

Manure, slurry, intermediate crops for energy recovery (CIVE), cereals



DESCRIPTION

In the present day, the plant brings together local breeders (of dairy cattle, beef cattle and goats) and the major regional players of the agricultural and renewable energy sector (cooperatives and energy unions). In addition to the willingness to contribute to the energy transition in the territory, **this initiative was established to address the new French agricultural landscape that makes farmers reconsider their production methods** and above all to diversify them to keep the sector alive. In particular, this plant allows the treatment of the effluents of 12 farms in the surroundings (less than 8 km from the methanisation unit) to convert them into electricity, heat and natural fertilizer.



USE OF BIOGAS

Production of electrical and thermal energy



VALORISATION OF THERMAL ENERGY

The excess thermal energy, approx. 1,500 MWth, is channelled in a heating network built by Demeter Energies in Mauzé-sur-le-Mignon to heat the area's secondary school, the swimming pool, municipal buildings and corn and alfalfa dryers



USE OF DIGESTATE

Valorisation as an organic fertilizer