



FUEL SUPPLY

By-products from agricultural activities such as manure and straw



DESCRIPTION

Oudon Biogaz's goal is to recover, in a sustainable manner, more than **140.000 tons of effluent produced in its 72 farms**, 85% of which are composed of agricultural by-products such as slurry, manure and straw, to generate 55 GWh of biomethane per year, equivalent to the **consumption of 9.000 families in the Craon area**. Scraps of the cereals and local agri-industry by-products to feed the plant. The biogas produced **will be put into the national grid** and will avoid the emission into the atmosphere of about

14.000 tons of CO₂, equivalent to the greenhouse gas emissions generated by 5.500 cars (with an average mileage of 20.000 km/year). The **digestate** will, on the other hand, be **used in the 7.700 hectares of the fields of Oudon Biogaz farms**, giving the opportunity to reduce the use of chemical fertilizers. The Oudon Biogaz plant will not only contribute 25% of biogas production in the Mayenne Department **but will also create 10 jobs**.



BIOGAS USE

Putting it into the grid



DIGESTATE USE

Valorisation as an organic fertilizer