

GAEC DU CORMIER - 250 kW 35550 Sixt-sur-Aff



Commissioning

Mai 2014

Inputs

- Cow and Pig manure
- Green waste
- Vegetal products (waste of straw, corn silage...)

► **Biogas production : 899 336 Nm³/an**

Technical data

1 dry feeding system Vario 50 m³, special « manure & grass plus »

1 digesters V = 2 492 m³ (d = 23m)

Brewing system : 2 submerged agitators eco mix (7.5kW) and 1 agitator eco padel (15kW).

1 CHP power of 250 kW_{el} (biogas engine)

1 prestorage tanks V= 4 240 m³ (d=30m; h=6m)

Heat concept

- Heating workshop Spirulina
- Heating private house
- Drying multi-product

► **Thermal energy recovered (excluding process) *:1 397 706 kWh/an**

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* Thermal energy taken into account for the calculation of V (energy efficiency), as defined by the order of 19/05/2011 setting the conditions of purchase of electricity from biogas.