



The biogas plant in Wöbbelin / Germany

Planning

Construction

Start-up

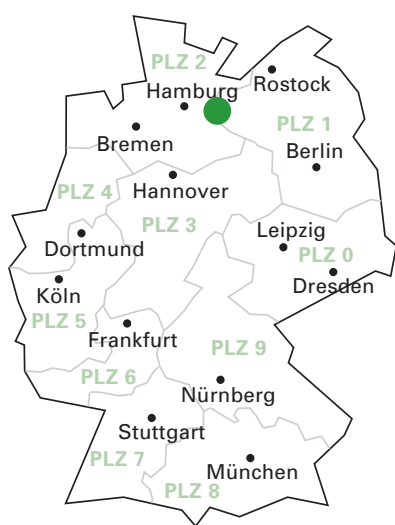
Operation

Service



← The heating plant ensures a uniform climate in the greenhouse.

→ A 10,000 m² greenhouse is heated with the waste heat of the plant.



Fact sheet

Location:	Wöbbelin / Germany
Capacity:	2 x 526 kW_{el}
In operation since:	09/2005 und 12/2007
Input materials:	Cattle slurry, renewable raw materials
Features:	The entire waste heat of the biogas plants is used to heat the farm's own greenhouses and building.

The biogas plant in Wöbbelin

In 2005 the first 500 kW_{el} biogas plant was built on the Hof Denissen together with EnviTec. Two years later the next plant went into operation. Today both plants generate approx. 1,000 kW_{el}.

The plants are operated with silage from the owner cultivated corn and the liquid manure that accrues on the farm. The farm consists of approx 1000 ha of land, 629 dairy cattle, and young cattle and can thus it can autonomously supply its plant without purchasing silage and liquid manure.

The waste heat occurring when combusting the biogas heats the 10,000 m² tomato greenhouse, the strawberry tunnel, and some of the farm's own asparagus fields. By heating with free-of-charge waste heat, Hof Denissen succeeds in growing its products independent of weather and thus bringing its products to the market earlier than other suppliers.

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