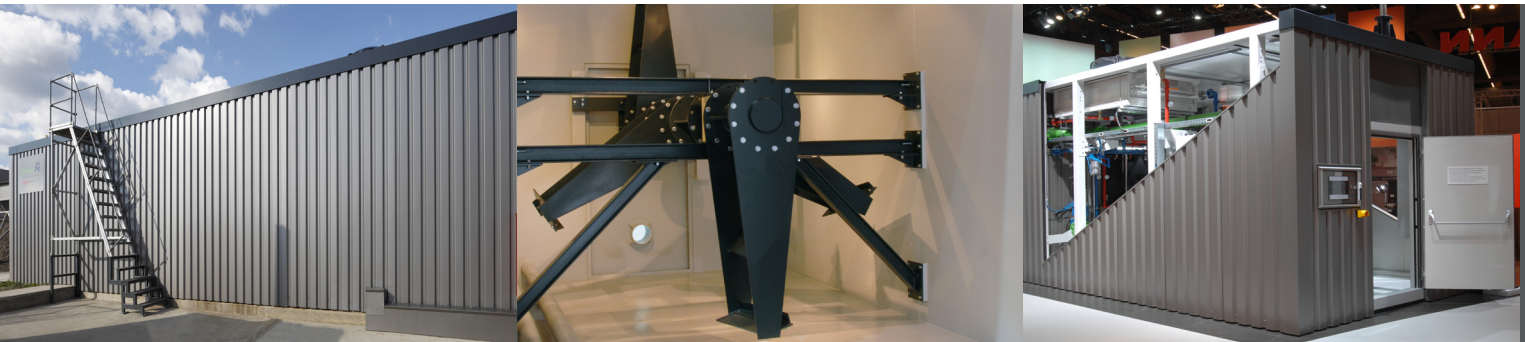


Biogas Compact Plant Schwandorf

Plant Type: EUCOline 18 kW_{el} and 36 kW_{th}



Test-/reference biogas plant to feed into the electrical grid and the local district heating network.

■ Project data:

Owner:	Schmack Biogas GmbH, Schwandorf, Germany
Plant engineering:	Schmack Biogas GmbH, Schwandorf, Germany
Location:	92421 Schwandorf, Germany
Start of operation:	Summer 2011

■ Energy balance:

Feed-in capacity/a: Approx. 144,000 kWh/a electric and 288,000 kWh/a thermal output;
 potential electric power requirement for approx. 37 households* as
 well as heat supply for approx. 16 households*.

*3-person household in Germany with 120m² living area incl. hot water generation.

■ Input material:

According to experimental design. (Already tested: 100% cow slurry; mix of 80% cow slurry and 20% maize silage; 100% pig manure, 100% maize silage)

Further various different substrates and mixes of substrates for research.

■ Plant data :

Quantity	Plant Component	Dimension/Capacity
1	EUCO S Digester	97 m ³
1	PASCO Feeding Station	16 m ³
1	AIO mini	18 kW _{el} / 36 kW _{th}