

# Biogas Compact Plant Landwirtschaftszentrum Eichhof

Plant Type: EUCO<sub>lino</sub> 36 kW<sub>el</sub> and 66 kW<sub>th</sub>



Biogas plant to feed into the electrical grid and the local district heating network.

## ■ Project data:

Owner:	Landwirtschaft Hessen - Landwirtschaftszentrum Eichhof, Germany
Plant engineering:	Schmack Biogas GmbH, Schwandorf, Germany
Location:	36251 Bad Hersfeld, Germany
Start of operation:	June 2012

## ■ Energy balance:

Feed-in capacity/a: Approx. 288,000 kWh/a electric and 528,000 kWh/a thermal output; potential electric power requirement for approx. 74 households\* as well as heat supply for approx. 30 households\*.

\*3-person household in Germany with 120m<sup>2</sup> living area incl. hot water generation.

## ■ Input material:

According to experimental design: e.g. mix of cow slurry, corn- and grass silage, manure.

## ■ Plant data:

Quantity	Plant Component	Dimension/Capacity
1	EUCO S Digester	150 m <sup>3</sup>
1	PASCO Feeding Station	8 m <sup>3</sup>
1	AIO mini	36 kW <sub>el</sub> / 66 kW <sub>th</sub>