

Gore Cross / UK

Biogas Plant: COCCUS® Titan, 5 MW<sub>GAS</sub>



Biogas plant with gas upgrading unit for gas grid injection

**Project Data**

Plant engineering	HZI Schmack GmbH, Schwandorf, Germany
Location	Gore Cross, Arreton, Isle of Wight PO30 3FD, UK
Start of operation	Spring 2015

**Energy Balance**

Feed-in capacity/a	Approx. 4.5 million Nm <sup>3</sup> biomethane; this is equivalent to the energy content of approx. 42 million kWh and the heating energy consumption of approx. 2,000 households* *Based on average consumption of a 3-person household with 120 m <sup>2</sup> living area incl. hot water generation
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**Input Material**

Substrate mix from	Maize silage, whole crop silage, grass silage, grain
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**Plant data**

Quantity	Plant Component	Dimension / Capacity
2	PASCO feeding system	80 m <sup>3</sup> each
1	CALIX reception pit	100 m <sup>3</sup>
2	COCCUS® post fermenter	5,500 m <sup>3</sup> each
1	SULA final storage basin	6,300 m <sup>3</sup>
1	CHP	250 kW <sub>el</sub>