

Biogas Plant FAKLER



| | |
|----------------------|---|
| Location: | Germany |
| Construction Period: | 2005 |
| Input: | Corn Silage, Grass Silage, Wheat Silage |
| Fermenter: | Concrete Tank, 1,045 m ³ |
| Co-generator: | Gas Engine, 250 kW |
| Special feature: | Digester mixed with top-mounted mixer, Gas Holder on top of secondary digester tank |
| Costs | about € 580,000.- |

The biogas plant is located on the FAKLER farm and is operated by Thomas Fakler. Mr. Fakler has got no animals and uses the farm fields to grow corn, wheat and grass to feed to his biogas plant. The crops are converted to silage and stored for year round feeding to the plant. Under the new German Renewable Energy Law it is economic for him to grow all of the biogas plant input substrate on the farm. All of the electricity from the gas engine is delivered to the public utility. The plant began operating in the autumn of 2005.

Krieg & Fischer Ingenieure GmbH Responsibilities:
 Conception, Permission, Detailed and Final Engineering, Construction Supervision, Start-up