

Biogas Plant IM BRAHM



Location:	Essen, Germany
Construction Period:	2005
Input:	Pig Manure, Kitchen Waste, Fats, Grain
Fermenter:	Concrete Tank, 1.205 m ³
Co-Generator:	Gas engine, 2 x 190 kW
Special Features:	Digester mixed with side-mounted mixers, Gas Holders both on top of digester and secondary digester tank
Costs:	about € 1.000.000

This biogas plant is located on the IM BRAHM farm and is operated by Einhart im Brahm. Currently, the farm raises pigs that eat kitchen waste. The kitchen waste is pasteurised and fed to the animals. All kitchen waste not fed to animals is sold to other farmers. Due to new European regulations soon it will not be possible to feed kitchen waste to animals. Therefore, in the future all kitchen waste will be fed to the biogas plant to produce renewable energy. The electricity from the gas engines is delivered to the public grid and paid for according to German Renewable Energy Law. Start-up of the facility occurred in autumn of 2005.

Responsibility of Krieg & Fischer Ingenieure GmbH:
 Conception, Preplanning, Permission, Detailed Final Construction Plans, Tenders, Supervision of Construction, Start-up