

Biogas Plant SCHMITZ



Location:	Germany
Construction Period:	2002/2003
Input:	Manure, Vegetable Fats and Oils
Fermenter:	Concrete tank, 445 m ³
Co-generator:	Gas Engines, 100 kW, 70 kW
Costs:	about € 380,000

The input for this biogas plant exists consists of pig manure and vegetable fats and oils. The Georg Schmitz' plant uses on farm pig manure and pig manure of other nearby farms. Special features of this plant are the pasteurisation of input material, and digestion in a thermopile environment. To ensure efficient digestion of a high organic loading rate the digester is equipped with a top mounted agitator. Start-up of this biogas plant occurred in May 2003.

Krieg & Fischer Ingenieure GmbH responsibilities:

Conception, preplanning, permitting, detailed and final engineering, on-site supervision, start-up