

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:	2,1 Mio. €

The input for this biogas plant is pig manure and vegetable fats and oils. The plant uses pig manure and also pig manure of other nearby farms. Special features of this plant are the pasteurisation of input material and the digestion in a thermophile environment. To ensure an efficient digestion of a high organic loading rate the digester is equipped with a top mounted agitator. Start-up of this biogas plant was in May 2003.

Krieg & Fischer Ingenieure GmbH responsibilities:
 Conception, preplanning, permitting, detailed and final engineering, on-site supervision, start-up