

## Biogas Plant OBERNJESA



Location:	Germany
Construction Period:	2002/2003
Input:	Energy Crops
Fermenter:	Concrete Tank, 680 m <sup>3</sup>
Co-generator:	Dual Fuel Co-generator, 160 kW
Costs:	about. € 680.000

The concept for this Agricultural Biomass biogas plant originated with Prof. Konrad Scheffer from the Institute of Plant Utilisation at the University Kassel/Witzenhausen. The input consists entirely of energy crops such as corn stalks, grass and beets. The fresh crops are processed and stored as silage in concrete bins. The silage process preserves the energy value of the plants until needed in the digester. The silage is fed into the digester throughout the year supplying electricity to the powergrid. The biogas plant is located on the Hans-Walter Körber-Harriehausen farm, in Obernjesa nearby Goettingen, Lower Saxony. Financing was supported by a significant subsidy from the Dr.Volker-Reimann-Dubbers foundation. The plant was under construction from autumn 2002 until spring 2003 and start-up occurred in March 2003.

### Krieg & Fischer Ingenieure GmbH Responsibilities:

Conception, Preplanning, Permitting, Detailed and Final Engineering, Construction Supervision, Start-up