

ABDE Solutions


Hammestraat 87

B-9220 Moerbeke HAMME

Telefoon: +32(0)473 813 183

Telefax: +32(0)52 41 51 91

e-mail: info@abde.be of abde@abde.be

IVVO in Ypres		Period: 2001 - 2004
Type : Anaerobic digestion of Biomass from selective collection in municipalities	Grid connection : 15 kV underground	Power pack : 4 MAN engines
Investment : 20 mio€	Fuel : biogas from VFG	Electricity Production : 1,2 MWe
General description of the activities related to the electrical plant: The plant was designed to give the maximal flexibility on the conversion of biogas to energy, either electricity or heat. Therefore the choice was made on 4 engines that were each coupled through one main grid transformer. Before finalising the overall concept it was necessary to discuss to all parties involved such as Netmanagement, MDE, Electrabel power quality and the local distribution company Gaselwest. After completion of the plant the supply and injection contract was tendered and negotiated for a period of three years, this already in the open market. Also the application to VREG for Green certificates was organised and obtained before the plant was even in full operation.		