



Plant for organic waste

Gyeonggi-do, South Korea

Project data

Commissioning: September 2016
Input materials: 70% pig slurry
30% organic waste

Technical data

Entry system: Pump
Pre-storage: underground pit
Digester: 3,993m³ (Ø 28.41m, H 6.30m)
Storage tank: 2x 5,590m³ (Ø 30.71m, H 6.30m)
CHP: 450kW_{el}
Miscellaneous: Macerator
Pasteurisation
LoMOS control system

Characteristics

The plant site is located about 80 km north of the capital Seoul, in Gyeonggi-do province. The key to the high performance of this biogas plant is the deployed technology. In South Korea, the optimum function of the components will be controlled by the PLC-based LoMOS control, which is custom-developed by WELTEC. The precise plant control enables a high degree of automation and optimum remote maintenance. To make the user interface as user-friendly as possible, the control was programmed in Korean.



Organic energy worldwide