

LIPP PROJECT: Sewage sludge methanization
LOCATION: Schöneich, Germany
YEAR: 2006



Substrates **municipal sewage sludges (10% DM)**

Digestion **1 LIPP digestion tank 1 000 m³**

Integrated biogas reserve (350 m³)

Lateral mixing digestion tank with a drain

Heating by heat recuperation

Hydric capacity 50 m³ by day

Solid capacity 7.5 tons by day (2 740 tons dried by year)

Biogas **1 integrated biogas reserve 350 m³**

Production of 500 m³ by ton of organic dried matter

Biogas used to generate electricity

Digestate **pressed, dried and valorised in agriculture**

Concentrated at 22% DM by a press

Sun dried in a greenhouse at 70% DM

