

**LIPP PROJECT: Biomethanization of municipal sewage sludge**  
**LOCATION: Bechingen, Germany**  
**YEAR: 2006**



Substrates **sewage sludge (8% DM)**

Digestion **1 LIPP digestion tank 1 000 m<sup>3</sup>**

Integrated biogas reserve (350 m<sup>3</sup>)

Lateral mixing digestion tank with a drain

Heating by heat recuperation

Hydric capacity 50 m<sup>3</sup> by day

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

Biogas **1 integrated biogas reserve 350 m<sup>3</sup>**

Production of 720 m<sup>3</sup> by ton of dried organic matter

H<sub>2</sub>S extraction with a LIPP desulfurisation unit

Biogas used for electricity production

Digestate **dried with a press and valorised in agriculture**

Concentrated at 25% DM

Available for the population for agriculture and gardening

