

LIPP PROJECT: Slurry and food scrap methanization

LOCATION: Theilheim, Germany

YEAR:



Substrates **7 500 tons of food scrap by year (15% DM)**

Garbage bin collect and manual sorting

Slurry directly pumped in the mixing pit

Food scrap pasteurisation

Digestion **1 LIPP digestion tank 1 000 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 (2 700 tons dried by year)

Biogas **cogeneration of electricity and heat**

Integrated biogas reserve (350 m³)

Production around 250 kW by hour

Digestate **stocked 6 months in a tank 3 000 m³**

Spreaded directly in fields

