

**LIPP PROJECT: Slurry and farm residues methanization**  
**LOCATION: Tannhausen, Germany**  
**YEAR: 2010**



Substrates **slurry, grass, corn and wheat silage**

Crushed in the concrete pit reception

Hydrolysis in the heated concrete pit reception

Digestion **1 LIPP digestion tank 1 800 m<sup>3</sup>, 1 secondary digestion tank 2 850 m<sup>3</sup>**

Integrated biogas reserve (700 m<sup>3</sup>)

Lateral mixing digestion tank with a drain

Heating by heat recuperation

Hydric capacity 90 m<sup>3</sup> by day

Solid capacity 20 tons by day (7 300 of dried tons by year)

Biogas **cogenerator 370 kW**

Biogas used for electricity and heat

H<sub>2</sub>S extraction with iron salts in the concrete pit reception

Digestate **valorised in agriculture; tank reserve 2 280 m<sup>3</sup>**

Spread in the fields

