

LIPP PROJECT: Food and green residues methanization
LOCATION: Erlangen, Germany
YEAR:



Substrates **10 000 tons by year of food residues**

Green residues pressed for the juice collect

Food scrap pasteurisation (fat, sweeted water, breads, flour, corn and honey)

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 **1 integrated biogas reserve 350 m³**

Biogas used to cogeneration of electricity 500 kw and heat production for heating the building and the pasteurisation

Digestate **valorised in agriculture**

Liquid directly spreaded in the local farmers fields

