

Anaerobic digestion plant Chongqing, PR China

Municipality of Chongqing



Feasibility study and Preliminary Design for food waste treatment



Waste water treatment plant

Project characteristics

- Evaluation of the location
- conception of waste transport
- preparation of waste
- Anaerobic digestion of waste
- Energy recovery using CHP
- Recovery of waste heat
- posttreatment of digestion residues
- waste water treatment
- odour treatment



Location of anaerobic digestion plant

Tasks carried out by AWIPLAN-PPD

- Lay-out and technical conception for anaerobic digestion plant
- Consulting of waste analyses
- Preliminary Design
- Consulting services for the client

Key data at a glance

Start of design works	September 2007
Decision for implementation	March 2008
Start of operation	end of 2009
Waste throughput	approx. 182,000 t/a
capacity steps	100/200/200 t/d
electrical power	3.0 Mw/22,500 MWh/a