

Anaerobic digestion plant Xiamen, PR China

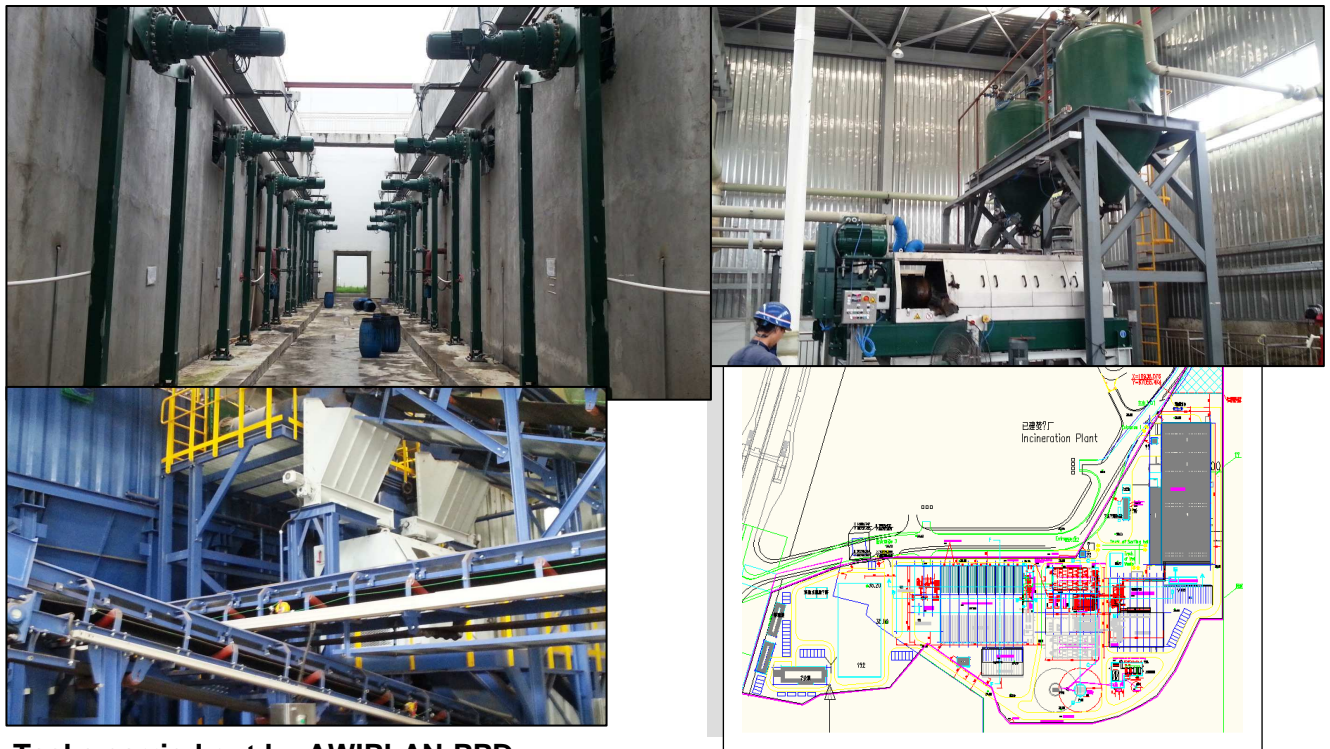
**ALEE Xiamen Associated Luckyspring Environmental
Engineering Co. Ltd.**



Dry anaerobic digestion of organic wastes from households and commerce

Project characteristics

ALEE company located in Xiamen, Fujian province, was appointed by the Municipality to construct a new waste treatment plant for household and commerce wastes using anaerobic process technology to answer the philosophy “waste to energy” and to preserve the climate generating renewable energies. ALEE asked for the preparation of the Preliminary Design, selection of suppliers, contract negotiations, supervision of installation and supervision of test run. For this purpose, AWIPLAN-PPD GmbH, Filderstadt, Germany was appointed to prepare the design work and attend the project until successful performance test.



Tasks carried out by AWIPLAN-PPD

- Lay-out and technical conception for anaerobic digestion plant
- Preliminary Design (Civil engineering by local partners)
- Tendering procedure for process technology and consulting works for contract negotiations
- Supervision of manufacturers and suppliers
- Consulting of civil engineering
- Supervision during installation phase
- Supervision of test run
- Evaluation of performance test

Key data at a glance

Start of construction (first spade) ...	March 2009
Start-up	June 2013
Investment	approx. 12 Mio €
capacity digestion plant	100,000 t/a
anaerobic digesters.....	2 units
CHPs.....	2 units