

Domestic Waste Sorting and Treatment Project
Xiamen, PR China
ALEE Xiamen Associated Luckyspring Environmental
Engineering Co. Ltd.



Treatment and Sorting of MSW – Municipal Solid Waste 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 treatment and sorting technology to recycle material as far as possible. The separation objectives comprises matters such as foils, plastics, metals, wood, paper and cardboard. ALEE asked for the services from an international Consultant for Preliminary Design and purchasing of process technology for the Xiamen Domestic Waste Sorting and Treatment Plant. For this purpose, AWIPLAN-PPD GmbH, Filderstadt, Germany was appointed to carry out the tasks during design, installation and operation phase.



Tasks carried out by AWIPLAN-PPD

- Lay-out and technical conception for treatment and sorting plant
- Preliminary Design (Civil engineering by local partners)
- Tendering procedure for process technology and consulting works for contract negotiations
- Supervision of manufacturers and suppliers
- Supervision of test run

Key data at a glance

Start of construction (first spade) ...	March 2006
Start-up	Dec 2011
Investment	approx. 25 Mio €
Waste throughput	approx. 211,000 t/a
recyclables	18,000 t/a
Size of sorting hall	6,000 m ²