

VALORSUL – INTEGRATED WASTE TREATMENT FACILITY

São João da Talha, Lisbon, Portugal



Client

19 Towns from Regions Oeste and Lisboa.



Treatment capacity

- 600,000 TPY mixed waste.
- 40,000 TPY source selected organics.
- 4 tph + 4.5 tph packaging waste.



Processes

- Treated waste (total): 779,039 t.
- Recovered materials (total): 80,656 t.
 - Mechanical treatment: 11,318 t.
 - MRF: 69,338 t.
- Composting: 1,107 t of compost produced.
- WtE power generation: 332,282 MWhe (50% renewable).
- Biogas power generation: 10,892 MWhe (100% renewable).
- Landfill.

2016 data.



Served population

- 1,600,000 inhabitants.



Installed power

- 50.6 MW WtE.
- 1.7 MW Anaerobic Digestion.

