

# MAJORCA INTEGRATED WASTE TREATMENT FACILITY (TIRME)

Majorca, Balearic Islands, Spain



## Client

Consell de Mallorca.



## Treatment capacity

- 732,000 TPY of MSW.
- 32,000 TPY in Anaerobic Digestion.
- 30,000 TPY in Composting.
- 30,000 TPY of Sludge.
- 14,000 TPY packaging waste.



## Processes

- Treated waste (total): 712,234 t.
  - MRF: 11,535 t recovered.
  - Composting: 11,009 t of compost produced.
  - Biogas power generation: 4,134 MWhe (100% renewable).
  - WtE power generation: 338,910 MWhe (50% renewable).
  - Slag treatment: 34,589 t recovered.
- 2017 data.



## 183.81 kt CO<sub>2</sub> prevented



## Served population

- 880,000 inhabitants.



## Installed power

- 74.8 MW WtE.
- 0.98 MW Anaerobic digestion.

