



Waste to energy plant

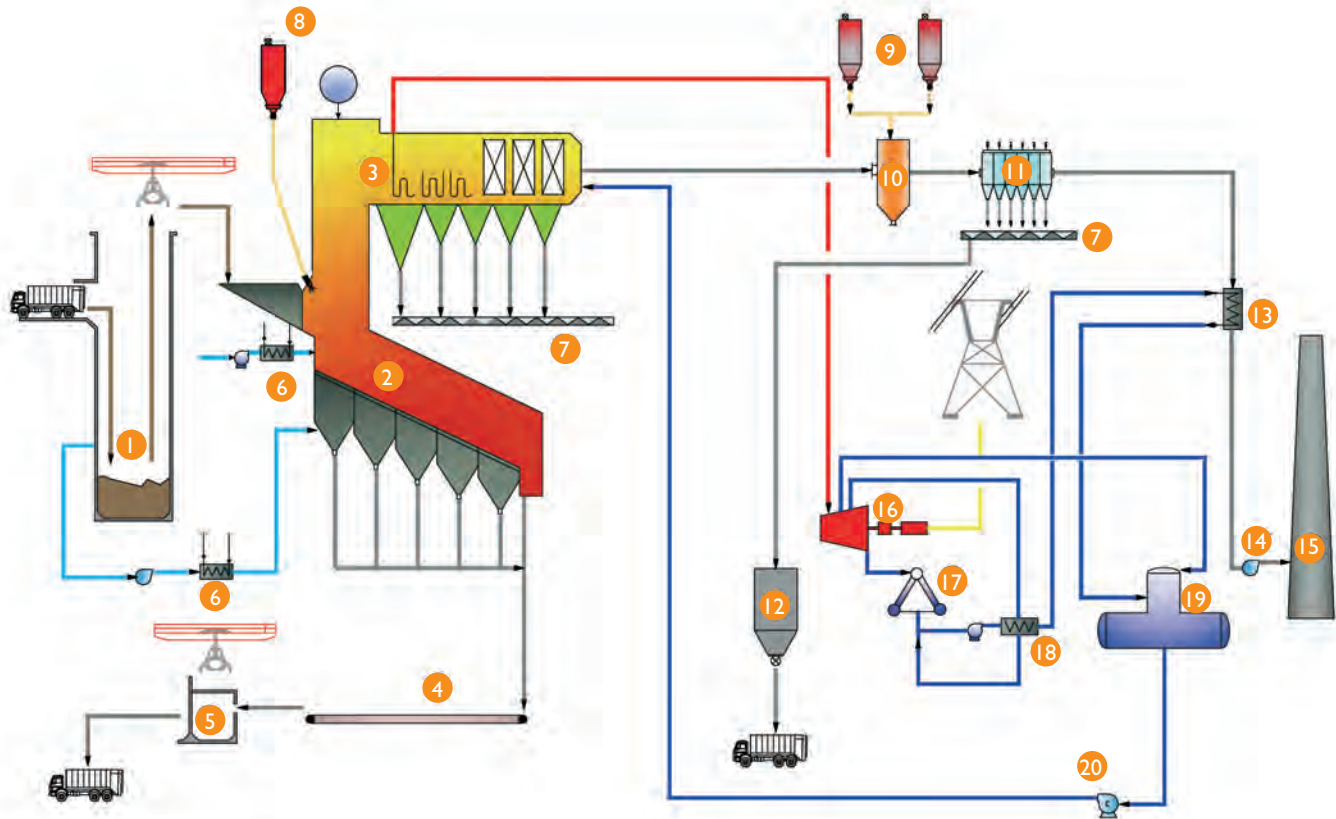
Angra do Heroísmo Azores - Portugal

The first waste to energy plant of Azores Island to service the Island of Terceira.
It consists of one line for 40.000 tons/year of waste.



Energy and waste division





Legend

- 1 Waste pit
- 2 Furnace (moving grate)
- 3 Boiler
- 4 Slag extractor
- 5 Slag and ferrous storage
- 6 Air combustion pre heater
- 7 Ash conveyer (boiler) / dusts
- 8 Urea silo
- 9 Bicarbonate and activated carbon silos
- 10 Reactor
- 11 Baghouse filter
- 12 Dusts storage
- 13 Exhausted gas / condensate exchanger
- 14 Fan
- 15 Stack
- 16 Turbo-alternator unit
- 17 Air condenser
- 18 LP exchanger
- 19 De aerator
- 20 Feed pump

Main data

Number of lines	1
Total throughput	120 tons/day
Energy recovery	2,5 MWe



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