



Integrated waste management system for Calabria Sud, Italy.
Waste to energy plant.

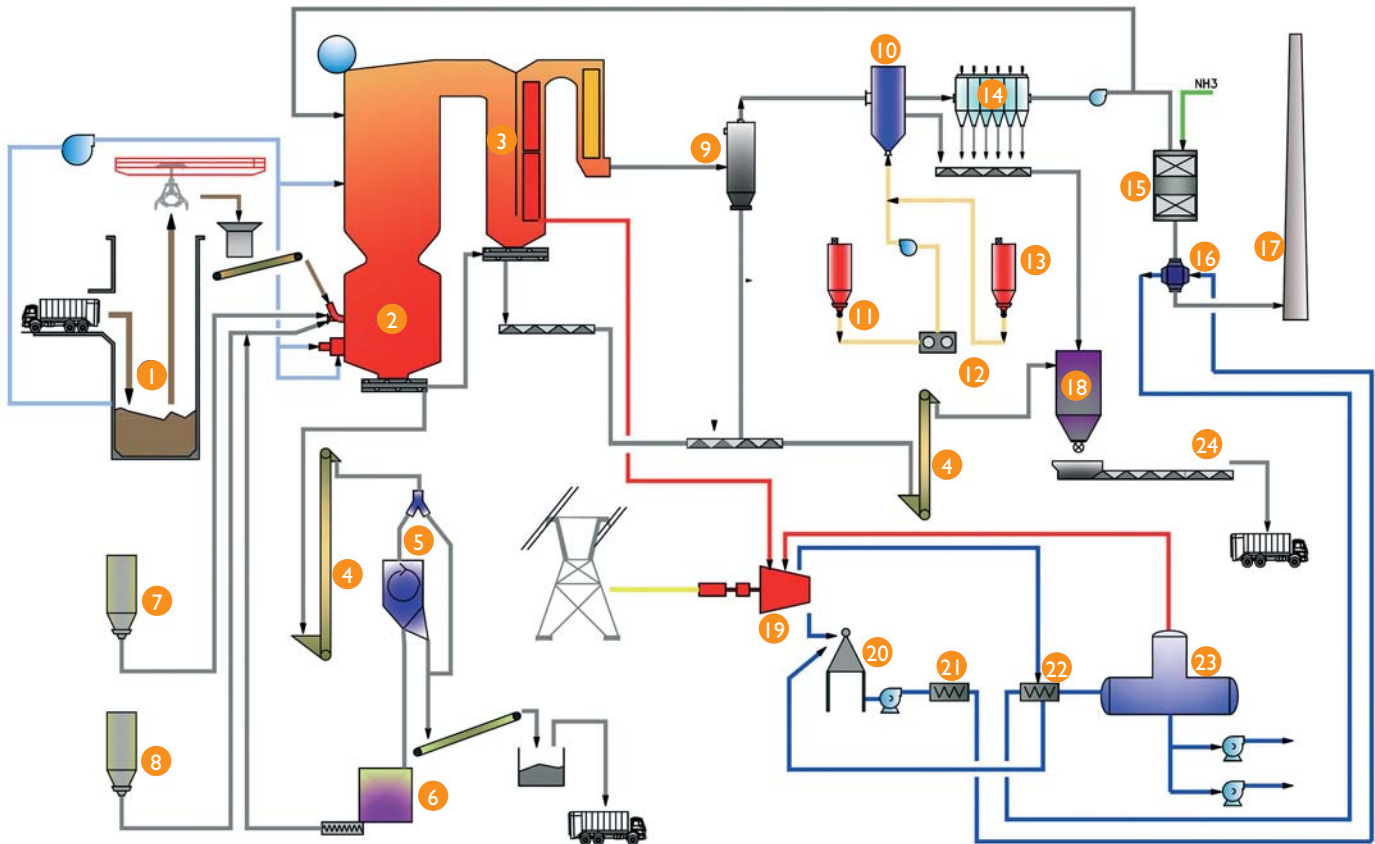
Gioia Tauro (RC) - Italy

The waste management system of the Calabria Region, Italy, is composed of a Waste to Energy plant in the Municipality of Gioia Tauro (RC), and of five Sorting, Composting and RDF production plants in the Municipalities OF Reggio Calabria, Gioia Tauro, Siderno, Crotona and Rossano Calabro, for a total treatment capacity of 411.000 tons/year of MSW. TME was awarded the contract on Project Financing basis.



Energy and waste division





The plant is located in the Industrial area of Gioia Tauro.

Legend

- 1 RDF pit
- 2 Fluidized bed
- 3 Boiler
- 4 Bucket elevator
- 5 Mechanical screen
- 6 Return sand bin
- 7 Dolomite silo
- 8 Sand silo
- 9 Cyclone
- 10 Dry reactor
- 11 Bicarbonate silo
- 12 Mill
- 13 Activated carbon silo
- 14 Baghouse filter
- 15 SCR reactor
- 16 Condensate/gas exchanger
- 17 Stack
- 18 Ash and dust storage
- 19 Turbo-generator
- 20 Air-cooled condenser
- 21 Exchanger
- 22 LP exchanger
- 23 Deaerator
- 24 Ash neutralization

Main data of the plant

Number of lines	2
Total throughput	400 tons/day
Energy recovery	17 MWe



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