

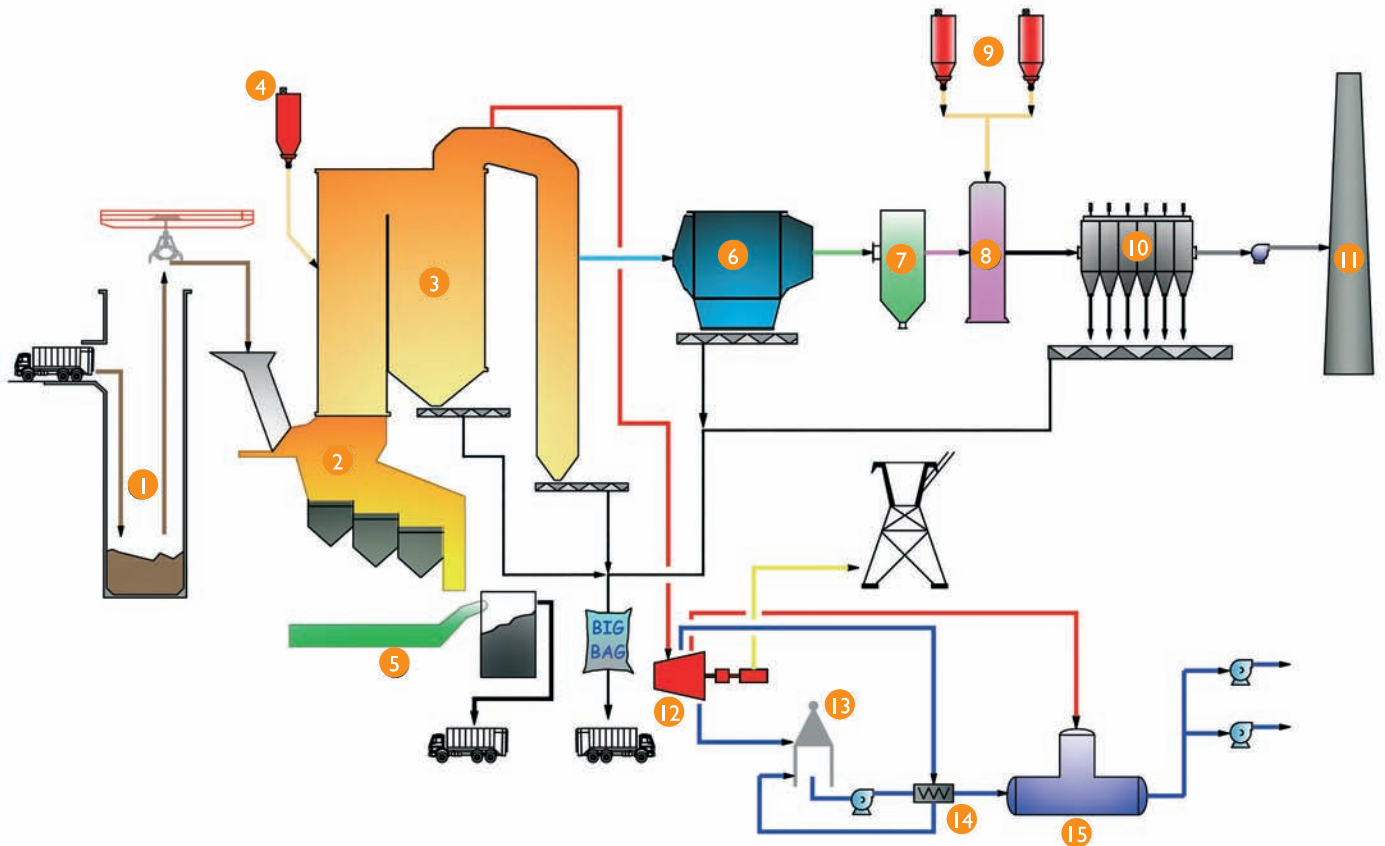


Integrated municipal solid waste treatment plant

Taranto, Italy

The Waste to Energy plant of Taranto was built during the 1980's to serve the City of Taranto. In 2000 TM.E. S.p.A – Termomeccanica Ecologica carried out the last renovation in compliance with the regulations on gas emissions and installed a MSW sorting and composting line. The waste to energy plant is composed of two stoker combustion lines for a 100 t/day combustion and a thermal cycle with an installed power of 3.5 MW.





Legend

- 1 Waste pit
- 2 Furnace
- 3 Boiler
- 4 Urea silo
- 5 Slag extractor
- 6 Electrostatic filter
- 7 Cooling tower
- 8 Reactor
- 9 Hydrated lime and activated carbon silo
- 10 Baghouse filter
- 11 Stack
- 12 Turbo-generator
- 13 Air-cooled condenser
- 14 LP exchanger
- 15 Deaerator

Main data of the plant

Number of lines	2
Combustor technology	moving grate
Nominal waste capacity	2 x 4.16 t/h
Average flue gas capacity	2 x 20.000 Nm ³ /h
Nominal steam production	2 x 10 t/h
Generated electric power	3.5 MWe



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