



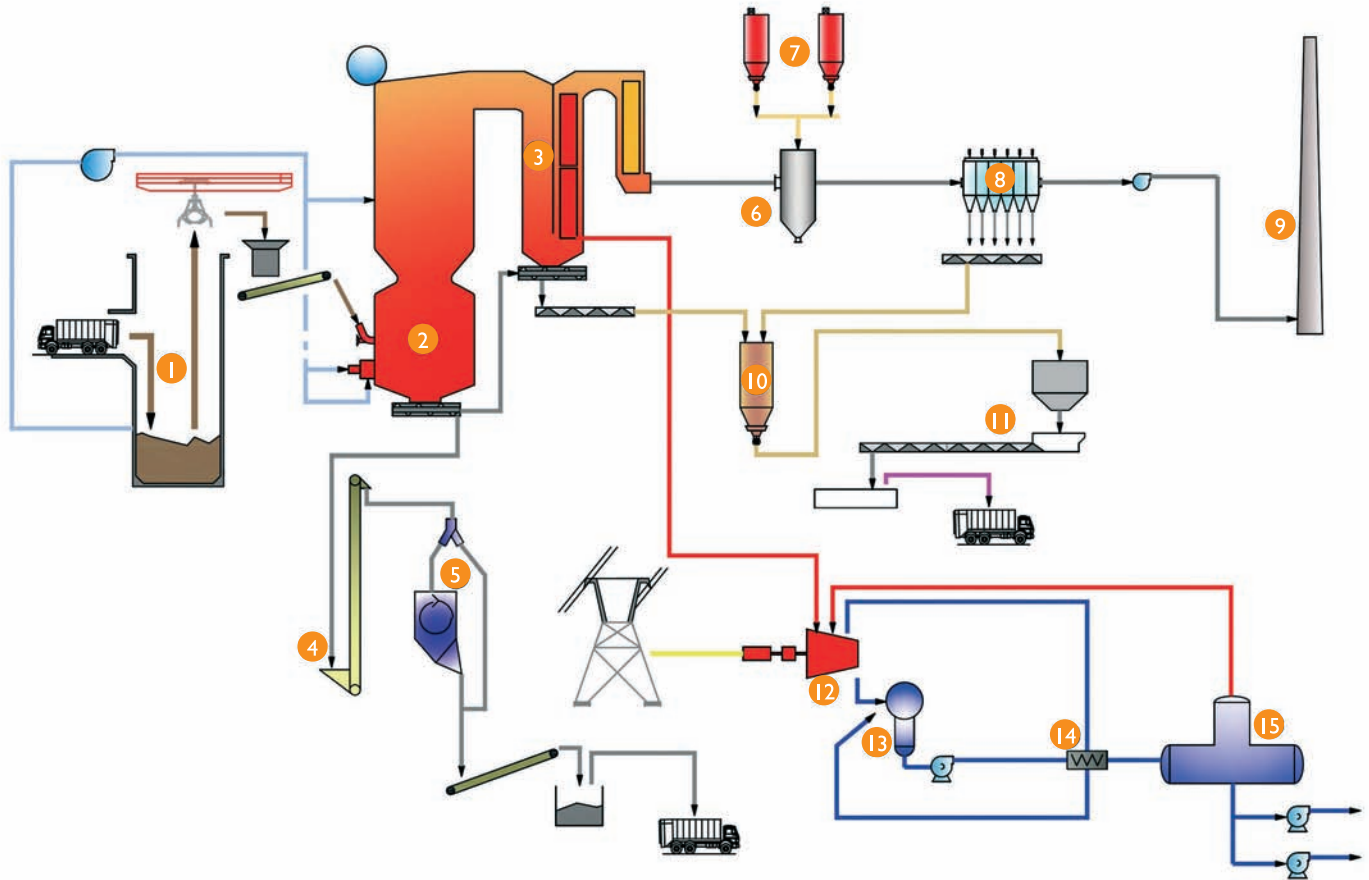
Waste to energy plant

Macomer, Italy



On behalf of the consortium of the Industrial area of Macomer, TM.E. constructed the second fluidised bed line for the Waste to Energy plant of Macomer. The plant will serve basin n°9 of Macomer and the municipalities of the coastal basins of Alghero and Oristano. Subsequently TM.E. made the conversion of both flue gas treatment lines by introducing a SCR (Selective Catalyst Reactor) for NO_x removal.





Legend

- ① RDF pit
- ② Fluidized bed boiler
- ③ Boiler
- ④ Bucket-type elevator
- ⑤ Vibrating screen
- ⑥ Dry reactor
- ⑦ Activated lime and carbon silo
- ⑧ Baghouse filter
- ⑨ Stack
- ⑩ Ash silo
- ⑪ Ash neutralization
- ⑫ Turbo-generator
- ⑬ Water-cooled condenser
- ⑭ Deaerator

Main data of the plant

Number of lines	2
Number of new lines	1
MSW nominal total capacity	10.4 t/h
Total installed power	2 MWe



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