



Waste to energy plant

Vercelli - Italy

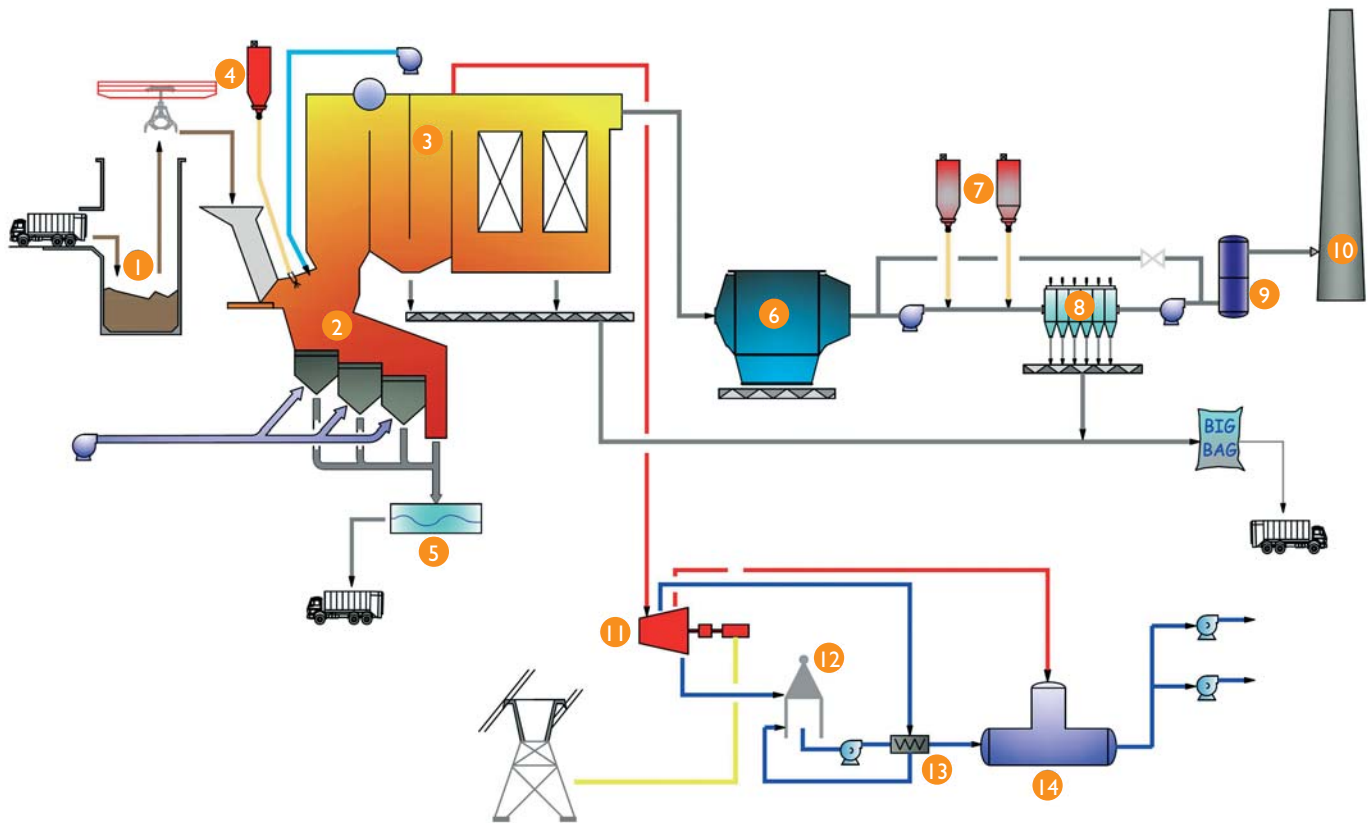


The old waste to energy plant of Vercelli was built in 1977 with two lines to serve the Municipality of Vercelli. In 1992 TM.E. S.p.A. Termomeccanica Ecologia was awarded the tender for a 20 year management and its renovation. The following renovations brought the plant to its present configuration consisting in three grate combustion lines, 75 tons/day each.



Energy and waste division





Legend

- 1 Waste reception and storage
- 2 Furnace (moving grate)
- 3 Boiler
- 4 Urea silo
- 5 Slag extractor
- 6 Electrostatic filter
- 7 Activated carbon and Ca (OH)₂ silos
- 8 Baghouse filter
- 9 Scrubber
- 10 Stack
- 11 Turbo-generator
- 12 Air-cooled condenser
- 13 LP exchanger
- 14 Dearator

Main data of the plant

Number of lines	3
Total throughput	225 tons/day
Energy recovery	4 MWe



T.M.E. S.p.A. - Termomeccanica Ecologia

Registered office: Via Lodovico Mancini, 5 - 20129 Milano - Italy
 Head office: Via del Molo, 3 - 19126 La Spezia - Italy
 Tel. +39.0187.5521 - Fax +39.0187.552215
 www.termomeccanica.com • e-mail: tme@termomeccanica.com