



Integrated waste management system for Calabria Sud, Italy
Selected Waste Sorting plant

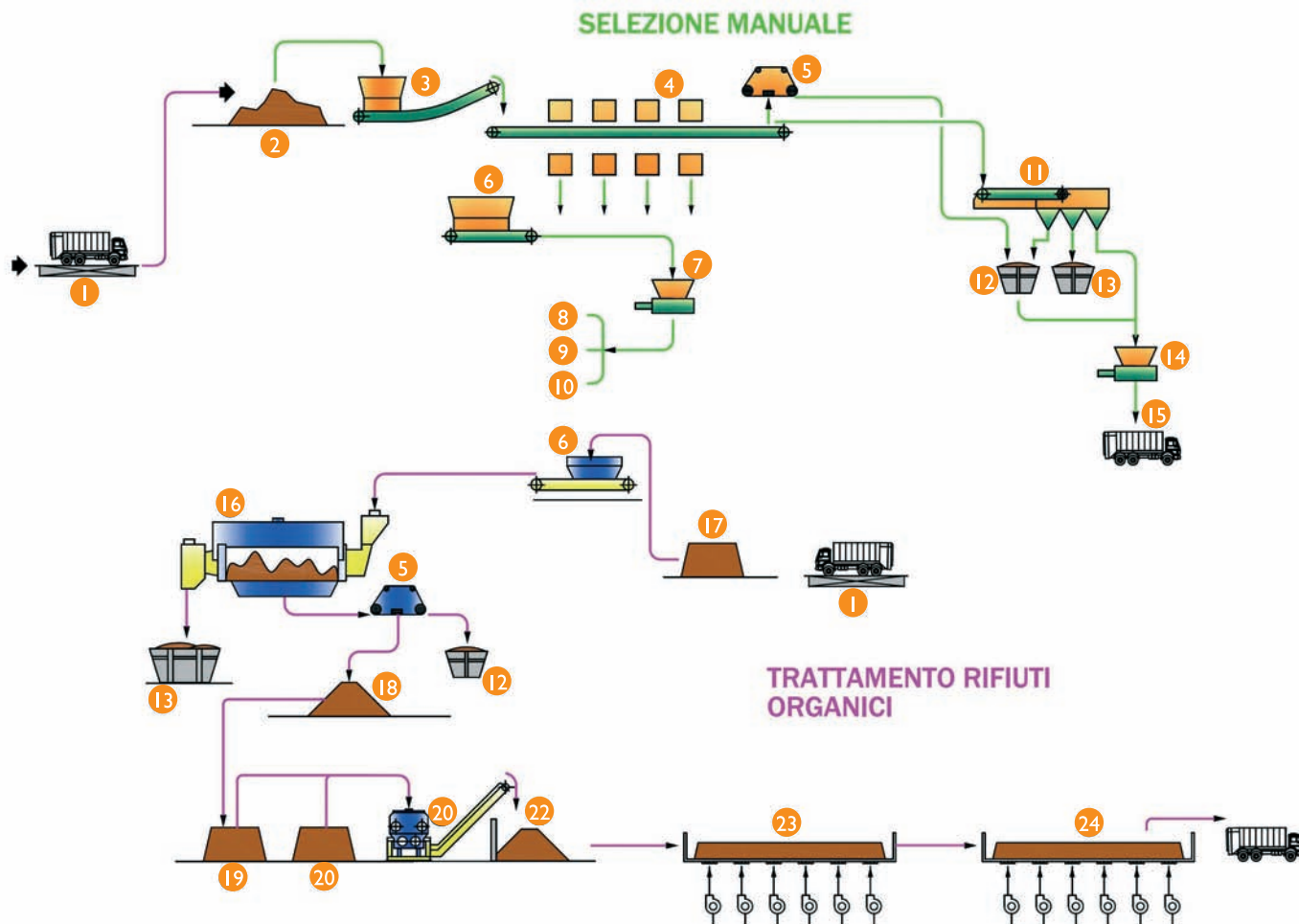
Rossano Calabro, Italy

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, Crotone and Rossano Calabro, for a total treatment capacity of 411.000 t/year of MSW.

TME was awarded the contract on Project Financing basis.

In this network of facilities, the selected waste sorting plant of Rossano Calabro can treat 20,000 ton/year of waste.





The plant is located near the existing treatment plant which handles 51,000 ton/year of MSW.

Legend

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|---------------------------------|-------------------------------|
| ① Weigh bridge for waste trucks | ⑱ Organic waste to be treated |
| ② Selected waste | ⑲ Treated organic waste |
| ③ Disc screen | ⑳ Recycle |
| ④ Manual sorting cabin | ㉑ Selected organic waste |
| ⑤ Removal of ferrous parts | ㉒ Shredder mixer |
| ⑥ Conveyor belt | ㉓ Organic mix |
| ⑦ Paper-plastic press | ㉔ Fermentation area |
| ⑧ Paper compressed in bales | ㉕ Maturity area |
| ⑨ Carton compressed in bales | |
| ⑩ Plastic compressed in bales | |
| ⑪ Eddy current separator | |
| ⑫ Sorting of ferrous material | |
| ⑬ Scrap | |
| ⑭ Press | |
| ⑮ Metal bales | |
| ⑯ Rotary screen | |

Main data of the plant

Capacity of the RD dry waste management line	12.000 t/y
Capacity of the RD organic waste composting line	8.000 t/y



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

Sede Legale: Via Lodovico Mancini, 5 - 20129 Milano - Italy
Sede Centrale e Amministrativa: Via del Molo, 3 - 19126 La Spezia - Italy
Tel. +39.0187.5521 - Fax +39.0187.552215
www.termomeccanica.com • e-mail: box8@termomeccanica.com