



HIGHLY AUTOMATED PAPER AND CARDBOARD RECOVERY FACILITY - NAPOLI

In line with decree (108 of 23/02/2022) issued by the Campania Region, the initiative provides space optimization that adapts to the upcoming waste reception and final product storage.

A highly automated paper and cardboard recovery section is provided. The line counts with automatic screening and sorting as well as robotic quality control reaching a processing capacity of 37,200 tons/year.

The following objectives and performance levels are expected:

- Mitigation of social impacts related to transportation of waste to terminals outside the province or region;
- Best ratio between investment costs, operating costs and material recovery performance (paper and cardboard) in accordance with the BATs.
- Full compliance of the regional policy framework in line with the local urban waste management plan.
- Obtaining grants released by the National Recovery and Resilience Facility Plan (RRF), under measure M2C1.1.I1.1 - Line B;
- The mitigation of environmental impacts related to paper and cardboard recovery processes
- The achievement of circular economy goals related to waste and the fulfilment of EU standards concerning the conservation of natural environments, climate change and carbon footprint.

DESIGN DATA

Client: Comune di Napoli
Type of service: Preliminary design
Project cost: € 8.774.088,20
Location: Naples (NA)
Total site surface: 7.600 mq
Design period: January 2022

TECHNICAL DATA

PAPER AND CARDBOARD RECOVERY LINE

Treatment capacity: 37,200 t/year
Mechanical treatment: Double screening stage, optical separation, highly automated (robotic) sorting, pressing and filming
Plastic material bales: 1,200 t/year PET and 1,200 t/anno PE+PP
Paper bales: 21,200 t/year
Cardboard bales: 7,800 t/year

