



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

Public client Comune di Napoli
Type of service Preliminary design
Project cost € 8.774.088,20
Location Naples (NA)
Total site surface 7.600 m²
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/year PE+PP
Paper bales: 21.200 t/year
Cardboard bales: 7.800 t/year

