



Waste management / Recovery management
CLD waste recovery plant in Barberà del Vallès

Client

Work period

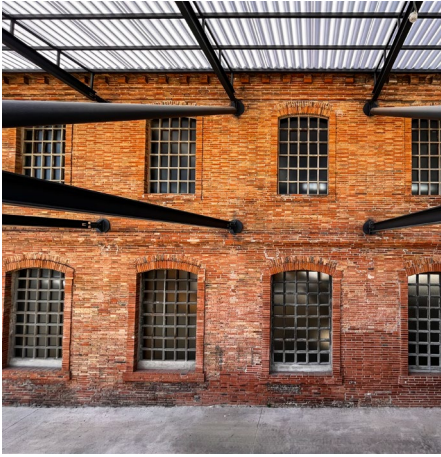
Cost

Scope

Waste recovery plant with an automated triage line in Barberà del Vallès, Barcelona.

Location

Barcelona



Description of the service

The facility has a modern, innovative and automated waste separation process that enables the separation of waste, with special emphasis on the recovery of materials and their subsequent conversion into raw materials.

Designed to process mixed non-hazardous waste, the sorting line installed enables the separation of recoverable materials contained in the waste by means of different equipment: screens, triage cabin, densimeter, optics, electromagnets and inductive separator.

The combined action of these machines allows us to recover a substantial amount of recoverable material from the input waste which, depending on the composition, can vary between 40 and 60%.

The plant is also equipped to recover waste from commercial sources that still contains some waste from the organic category.

Another notable feature is its low energy cost, as a 600 square metre solar roof has been installed, which will reduce grid electricity consumption by 20%.

Main service details

Location

Carretera Mollet-Sabadell km. 1.
Molí d'en Gall industrial estate,
Barberà del Vallès.

Authorisation

Total: 81,100 t/year
Mixed waste for sorting:
36,000 t/year
Non-hazardous waste for transfer:
40,000 t/year

Non-polluting industrial and
municipal packaging:
5,000 t/year
Hazardous waste (small quantities
for storage and transfer):
100 t/year

Recycling processes

Bag shredder/opener, metal
feeder, snail screen, vibrating
screen, densimetric separator,
suction separator, optical

separator, magnetic separator,
inductive separator, material silos
and bailing press.

Uses of processed waste

The waste is turned into raw
material: Paper and cardboard,
plastics of different types (PET,
PP, LDPE, HDPE, PS, PVC, etc.),
aluminium, ferrous metals, wood,
glass, textiles, etc.



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ISO 14001:2015
ISO 45001:2018
ISO 50001:2011
ISO 14064-1:2012



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