



# WASTE TREATMENT

## CLIENT

ELECNOR/VAERSA

## CONSULTING

NYP SA

## LOCATION

Villena/Spain

## CAPACITY

80 000 t/a total plant input  
34 000 t/a biowaste to tunnel  
composting  
6 000 t/a green waste

## START-UP

2004

## PROJECT

Mechanical-biological waste treatment plant for 80 000 t/a municipal solid waste

## PROCESS

Mechanical-biological waste treatment

- Pre-treatment (screening, Fe-separation, non-Fe-separation, hand picking of recyclables, pressing of rejects)
- 16 Composting tunnels with automatic charging and discharging, retention time 4 weeks, maturation included, Rottegrad IV
- Biological exhaust air treatment

## SCOPE OF WORK

Engineering, delivery and commissioning of the tunnel composting plant and exhaust air treatment



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