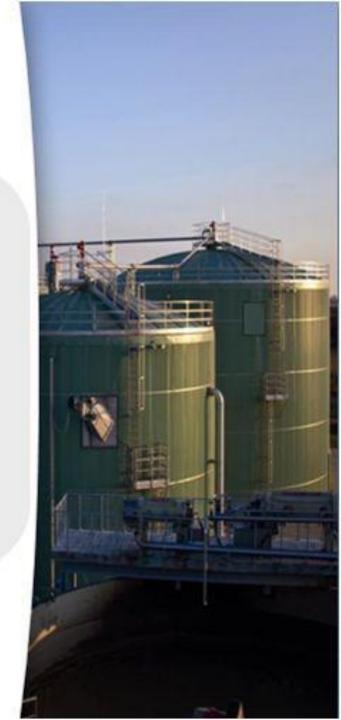
## Conserve Italia - Valfrutta

POMPOSA (Fe) Reference

BIOMET





## Pomposa plant da 35 kton/y



## **BIOMET ® - AD 2 stages thermofilic**



Client: Conserve Italia

**Brand**: Valfrutta

Location: Pomposa

(Ferrara) Italy

**Project**: EPC excluding

Civil Works

**Process**: Pre-treatment

& blanding; AD BIOMET

thermofilic; CHP;

Digestate drying

Completion: end of

start-up June 2010

## Main Project data

- Field: Vegetable packaging industry (cannery)
- Project duration: 12 months
- Power: 1000 kW electric energy to public grid
- Feed: codigestion of:
  - 12700 t/y fruit and vegetable byproducts (18% ST, 90% SV/SV)
  - 13700 t/y ensiled mais (35% ST, 95% SV/SV)
  - 10300 t/y WWTP sludge (14.6% ST, 56% SV/SV)
- Process: hydrolisys, digestion, liquid digestate to WWTP; solid digestate drying
- Mix: 10% ST in Hydrolisys reactor
- Hydrolisys 1 x 1500 m3 steel made Thermofilic 55°C
- Digestion 2 x 3400 m3 steel made Thermofilic 55°C
- Total HRT 36 days

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