



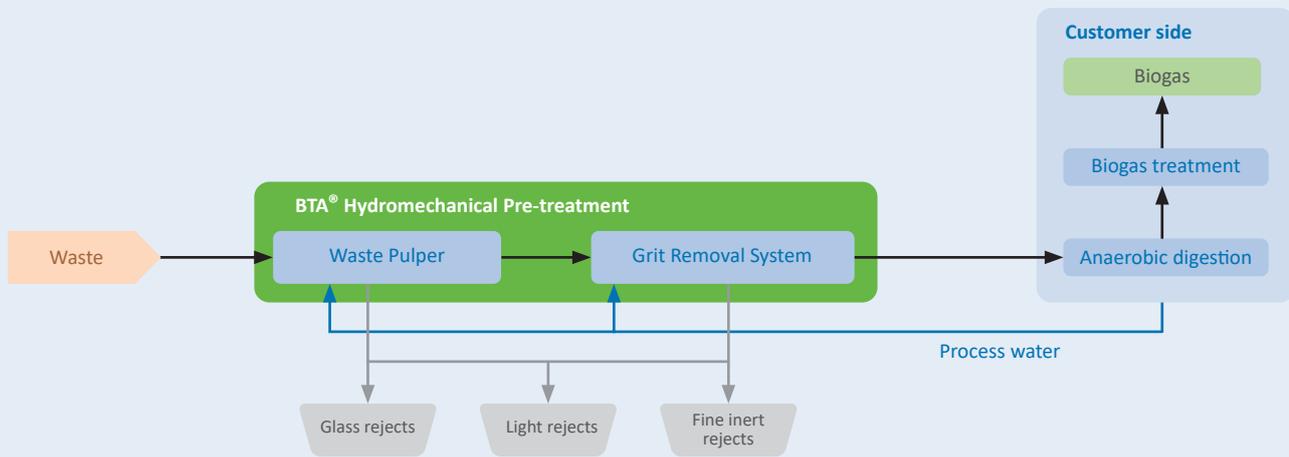
## Waste Pre-treatment Occitanie - France



### Selected BTA References

- Final Client:**
- Local waste collection and treatment company
- Type of Waste:**
- Biowaste, commercial waste, food waste
- Capacity:**
- Up to 10.000 tons/year
- Start-up:**
- Q1 2024
- Extension:**
- Q4 2024
- Plant Sections:**
- 1x 12m<sup>3</sup> BTA Pulper Compact (incl. feeding hopper and screw)
  - 1x BTA GRS Compact
  - 1x Heavy Fraction Trap („glass extractor“)
  - 1x Light Fraction Press (rejects dewatering press)
  - Pumps, sensors, access, peripherals and associated control systems





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### Description

This plant, **BTAs first Compact Series installation**, was commissioned in early 2024 in Occitanie, France, replacing conventional depacking equipment.

Consisting of a BTA Pulper Compact and a BTA GRS Compact, it enables the recovery of **up to 10.000 tons per year of commercial waste, supermarket waste and household bio-waste** with a high content of contaminants (packaging materials).

The **BTA® Compact Series** perfectly integrates the **advantages of BTA® hydromechanical pre-treatment in a standardised configuration**, making it the ideal solution for treating a wide range of waste streams in co-digestion facilities such as wastewater treatment plants or agricultural anaerobic digestion plants.

Despite the highly heterogeneous nature of the waste input, which includes a significant amount of packaging and glass containers, high strength paper and cardboard, this plant has easily achieved and even exceeded its nominal hourly capacity. The quality of the “soup”, continuously analysed several times, has a contaminant level (plastics, glass, metals) well below the very strict threshold required in France.

In addition, compared to the previous installation, the pulper’s ability to dissolve organic matter effectively has led to a **significant reduction in the tonnage of rejects, generating significant OPEX savings**.

#### End of 2024: Extension of the BTA® Compact Series line

Less than 10 months after commissioning, our client placed an order to expand the plant by adding **a dewatering press** for light rejects and **a glass trap** at the pulper. The press is designed to further reduce the residual liquid content of the rejected light fraction, while the glass trap further increases the plant’s capacity to process glass waste.