



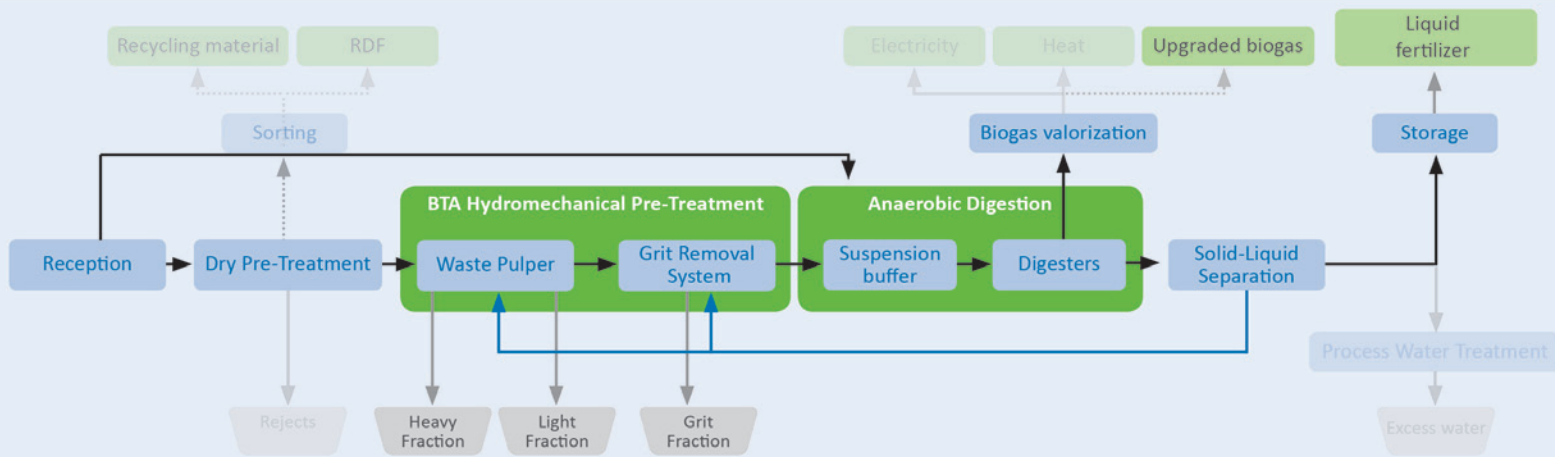
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Selected BTA References

- Final Client:**
- Bakona s.à.r.l
- Type of Waste:**
- Biowaste
 - Commercial Waste
 - Food Waste
- Capacity:**
- 15.000 tons/year input into hydromechanical pre-treatment
- Start-up:**
- 2011
- Plant sections:**
- Waste reception
 - Mechanical pre-treatment (screw mill)
 - BTA® Hydromechanical Pre-treatment





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Description

In the co-digestion plant Itzig, BTA International was responsible for the **turn-key supply** of the biowaste reception and the mechanical and hydromechanical pre-treatment plant for 15.000 ton/year of biowaste, commercial waste and food waste.

As an innovative aspect, the two **BTA® Waste Pulpers** considered in this project were equipped with only one shared removal system (**LRS Screw**) and dewatering press for the light fraction.

The BTA® Waste Pulpers are preceded by a screw mill and bunker system. After the removal of the coarse impurities the organic suspension is still released from the grit fraction in a **BTA® Grit Removal System**.

The cleaned organic suspension is **co-digested together with agricultural residues** (mainly manure and maize silage). The produced **biogas is upgraded** to natural gas quality.

In Itzig, the **high flexibility** of the BTA® Hydromechanical Pre-treatment is permanently challenged by the processing of diverse types of packed commercial residues in cans, bottles or even buckets.