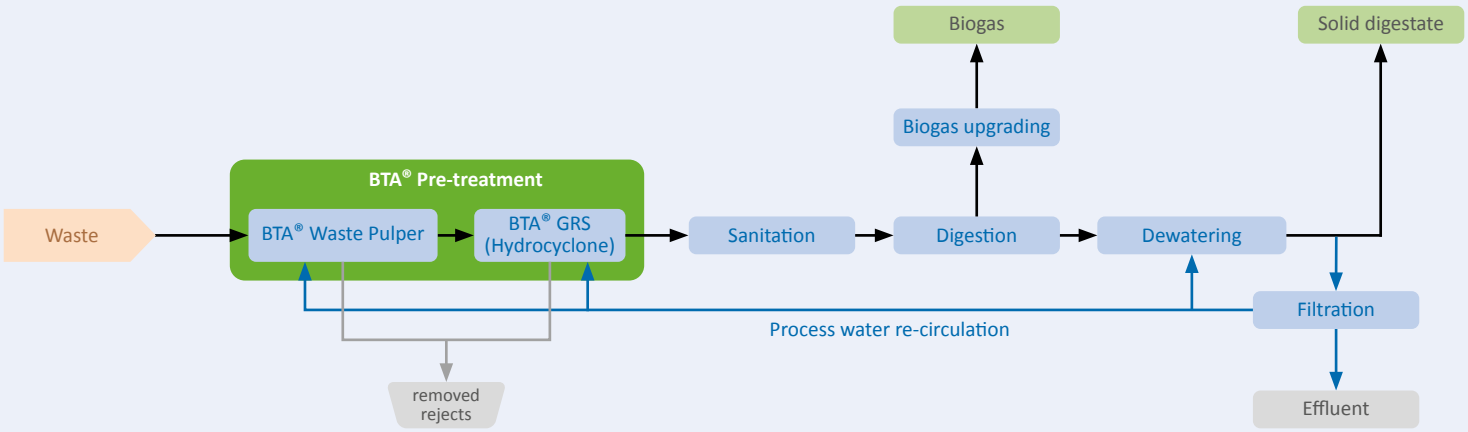
1st BTA Plant in France

Selected BTA References

Final Client:	• Waste management company south of Paris
Partner:	• AR-VAL S
Type of Waste:	• Biowaste from households, supermarkets, restaurants and canteens, food industry and liquid waste
Capacity:	• 35.000 tons/year
Start-up:	• 2025
Plant Sections:	• Reception (by AR-VAL S) BTA® Hydromechanical Pre-treatment • Sanitation • Wet anaerobic digestion • Solid-liquid separation • Internal process water management • Digestate management (by AR-VAL S) • Biogas treatment and upgrading (by AR-VAL S)



1st BTA Plant in France

Description

The respective experience and know-how of BTA and AR-VAL S convinced a **renowned Waste management company south of Paris**, which awarded them the contract for the design and construction of an ambitious biowaste anaerobic digestion plant.

For a total investment of approximately € 23M, this facility enables the treatment of 35,000 tonnes/year of bio-waste via the BTA® Process.

A wide variety of waste of different origin and nature can be treated there: biowaste from households, supermarkets, restaurants, commercial, food processing industry waste, as well as liquid waste.

After receiving the waste in a pit, the BTA waste pulper is fed by an overhead crane.

All foreign materials (plastics, glass, inerts) **are removed in the BTA® Hydromechanical Pre-treatment**. The obtained waste pulp is further sanitized, digested and dehydrated to produce a high quality digestate that complies with the strictest standards, in particular the draft decree relating to agronomic quality and safety criteria for fertilisers.

On the other side, the produced biogas is upgraded and more than 330 m³/h of biomethane are injected into the GRDF network, that is more than 2,8 Million m³/year. This corresponds approx. to the annual gas demand of 2.000 households with 4 persons.

BTA and its French partner AR-VAL S will also assist SEMAVERT in the operation of the installation for 2 years and in the maintenance for 5 years.

This is the first facility with the BTA® Process built in France, the result of a successful cooperation of the two partners AR-VAL S and BTA International GmbH. Further plants to certainly follow.