



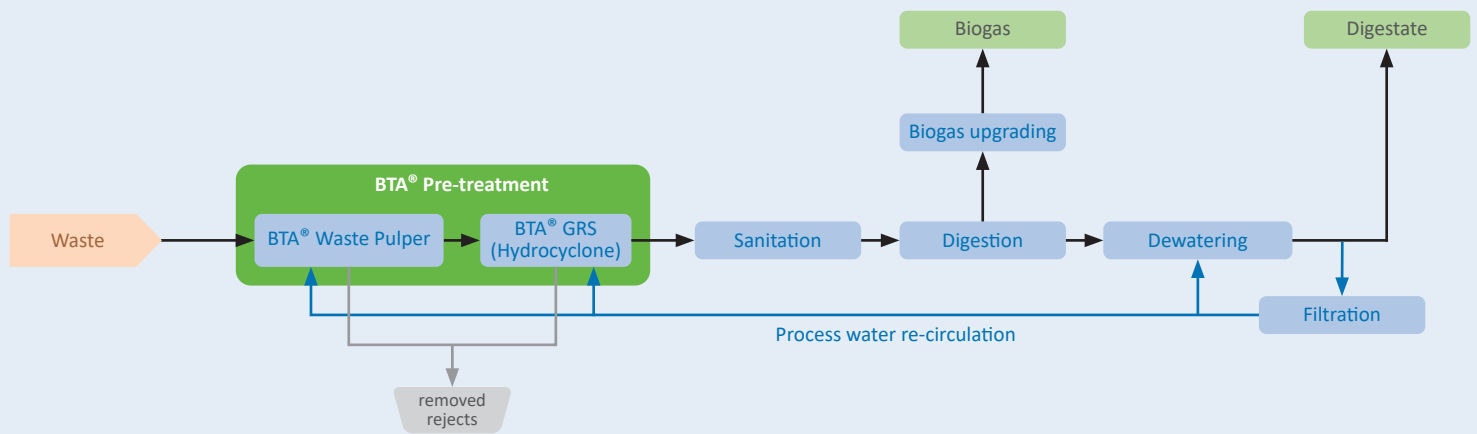
2nd BTA AD Plant in France



Plants under Construction

- Final Client:**
- Paprec Group
- Partner:**
- AR-VAL
- Type of Waste:**
- Biowaste from households, supermarkets, restaurants, canteens and food industry
- Capacity:**
- 50.000 tons/year
- Start-up:**
- Q1 2027
- Plant Sections:**
- Reception
 - BTA® Hydromechanical Pre-treatment
 - Sanitation
 - Wet anaerobic digestion
 - Solid-liquid separation
 - Internal process water management
 - Biogas treatment and upgrading





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Description

Jointly managed by **Syctom** (l'agence métropolitaine des déchets ménagers Île-de-France) and **Sigeif** (Service public du gaz, de l'électricité et des énergies locales en Île-de-France), the biomethanisation project at the port of Gennevilliers (Hauts-de-Seine department) aims to process up to 50.000 tons of food waste annually generated on Syctom's territory.

Following a call for tenders in 2020, Syctom and Sigeif decided in March 2022 to award the concession for the design, construction, financing, operation and maintenance of the biowaste anaerobic digestion plant to Paprec.

The biomethane produced from the organic waste will supply Sem Sigeif Mobilités' largest French Bio-GNV fueling station, also located in the port of Gennevilliers. The biogas will help to reduce the need for imported fossil fuels.

The digestate from the anaerobic digestion will be used as fertilizer and transported away by water for agricultural use.

PAPREC has selected BTA & AR-VAL as technology partners for the project.

BTA and AR-VAL are responsible for the design, supply, assembly and commissioning of the major part of the process: starting with the waste reception, storage and feeding, the BTA® Hydromechanical Pre-treatment, the wet anaerobic digestion including sanitation with heat recovery, dewatering as well as the biogas valorisation.