



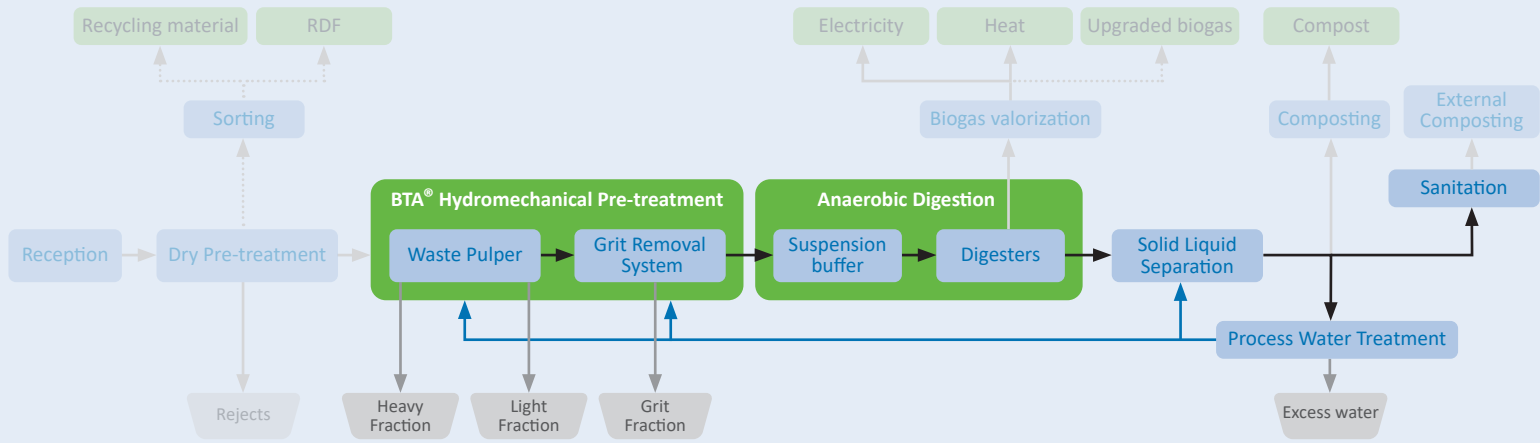
Granollers Extension - Spain



Plants under construction

- Final Client:**
- Consorci per a la Gestió dels Residus del Vallès Oriental
- Type of Waste:**
- FORM (Spanish biowaste)
- Capacity:**
- Extension from 45.000 to 100.000 tons/year input to the plant
- Start up:**
- 2010 (original plant); middle of 2026 (planned start-up for extension)
- Plant sections:**
- Plant sections extended within Scope of Supply BTA
- BTA® Hydromechanical Pre-treatment
 - Wet anaerobic digestion
 - Solid-liquid separation
 - Partial stream sanitation
 - Internal process water management





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Description

Originally commissioned in **2010**, AD Granollers has since successfully processed more than **500.000 tons of biowaste** ('FORM') before launching the highly ambitious expansion project in 2023 to **increase the plant's capacity from 45.000 to 80.000 tons per year** in Extension Phase 1a and finally, in Phase 1b, to **100.000 tons**.

Thanks to its **good experiences during over 10 years of operation of the plant**, Consorci per a la Gestió dels Residus del Vallès Oriental has awarded BTA International with the contract for the expansion work related to wet pre-treatment, anaerobic digestion, dewatering, partial stream sanitation and internal process water management for Phase 1a.

To have a good technological platform with the **BTA® Process** is already an important asset for this extension. A further key factor is the experience BTA has gained with similar **brownfield projects** in the last years, as the requirements in Granollers for the extension works are particularly high.

As an example, the existing pre-treatment stage had to be dismantled and relocated to the new site, rebuilt and extended with a new additional BTA Pulper plus GRS. Thanks to the quality and durability of the BTA equipment, it was possible to continue using the two original BTA Pulpers and the two existing GRS systems; they were simply modified and reinforced for the new biowaste volumes. **This is how we believe sustainability should work!**