



Solvart

Waste Fermentation Process

Type of project: Engineering Partner, Front End Design

Sector: Waste Processing, Renewable Chemicals & Energy

Client: Solvart Ltd

Location: UK

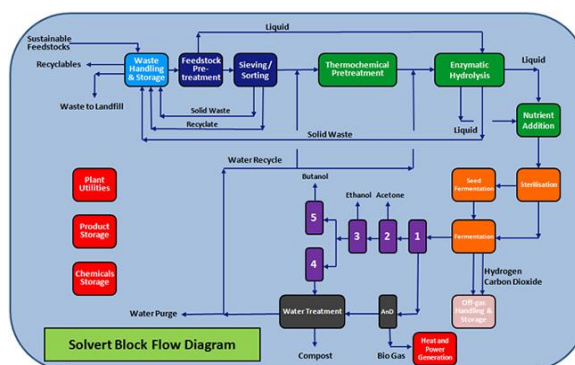
Technology: ABE (Acetone, Butanol, Ethanol) Fermentation

Capacity: Confidential

Date: Commenced 2011

Overview:

Solvart are a start-up company developing projects based on the established ABE fermentation process. The process will take waste streams and convert them into renewable Acetone, Butanol and Hydrogen. The process incorporates anaerobic digestion and conversion of biogas to renewable energy qualifying for Renewable Obligation Certificates.



Deliverables: Otto Simon are acting as Solvart's engineers for the development of this project. Deliverables produced include:

- Basis of design definition
- Process flow diagrams
- Heat and mass balances
- Equipment list
- Capital cost estimate, project programme, risk evaluation
- Co-ordination with third party technology suppliers.

Status: Phase 1 completed; ongoing