



United Molasses

Feasibility Study

Option Analysis

Development Plan

Client

United Molasses Group

Location

NE England

Contract Value

£340,000

Awarded

January 2013

Overview

Commissioned to produce the Feasibility Study, Option Analysis and Development Plan for an AD Plant at UM's Birkenhead site.

- **2MW** electrical energy.
- UM's own **products** as feedstock.

Services

- Project Management
- Technical Specification
- Procurement
- Risk Assessments
- Evaluation Matrix
- Feedstock analysis
- Modelling

Project

As a trader, United Molasses Group (UM) handle large quantities of high energy materials ideally suited to AD. Zebec has been commissioned to develop a Project to assess the costs and returns of diverting some of these materials to energy generation. The Initial Feasibility Study was accepted by UM, who then invited us to carry out a more in depth Option Analysis.

In addition, Zebec has been asked to draw up a detailed Scope of Work and Project Plan for the project.

Benefits

- AD technology produces heat and energy from the plant's own waste materials, which in turn reduces energy and disposal costs.
- Energy generated can be exported to grid providing the company with a source of revenue in the face of rising energy costs.

"Siting an AD plant onsite will reduce UM's effluent disposal costs and will provide them with a source of sustainable energy that can be used onsite or sold to the grid."

