



Caledonian Produce

Feasibility Study

Project Planning

Client

Bakkavor Group Ltd

Location

Scotland

Contract Value

£10,000 - £15,000

Awarded

May 2013

Overview

Commissioned to complete a Feasibility Study and Project Plan at Caledonian Produce's Food Manufacturing facility.

- 300kW electrical energy.
- Utilising existing waste streams from site.

Services

- Feasibility Study
- Technical Specification
- Tendering
- Project Risk Evaluation
- Pre-Planning
- Pre-Permitting

Project

Caledonian Produce (owned by the Bakkavor Group) employed Zebec to review the existing site waste streams and processes and investigate the potential benefits from diverting food waste into a small AD plant incorporated on the site.

Zebec produced a Feasibility Study which analysed the available feedstock and associated outputs, and how best to integrate the AD facility with the existing operation. The report provided management with the confidence to commission Zebec for the next phase which included writing a detailed Project Plan, finalising the Scope of Work for the project, and conducting pre-planning and pre-permitting reviews.

Benefits

- Production of a sound initial feasibility report to model project finances before any commitment to investment.
- Technical specification provided the basis for tender returns to ensure all Client needs were being addressed.

“AD technology maximises the value of the plant's food waste and warm effluent by converting them to electricity and heat to be used on site.”

