

# Case Study

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## Food Processing Factory Sustainability Audit

### *The Challenge*

The client a large food processing factory based in South Wales required a full sustainability audit of their site. The purpose of this was to ensure the client met key requirements around compliance and could enable them to demonstrate best practice in the field for your their long term sustainability and profitability.

### *The Solution*

A full sustainability audit of the factory and wider site was undertaken, and on the back of this, a number of quick win and longer term options were identified. The client had received a previous quote for solar photovoltaic. This quote was a reviewed and a better value option put forward to the client.

### *The Outcome*

As well as assisting the client with their statutory reporting, the sustainability audit helped identify key areas where quick win savings could be made, including monitoring and staff behaviour change. An LED lighting survey was also recommended as well as the development of an energy strategy.

BREEAM accreditation was also recommended for the client's chiller unit. The revised solar photovoltaic quote put forward to the client gave a return-on-investment of 20 years annualised of 27.6%, compared to the 17% from the previous quote.



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