



Cash for Carbon

Save energy and make money
with carbon management

Ocean Kinetics Ltd

- Carbon savings of 15% per annum

Ocean Kinetics are marine engineering specialists, providing a 'one stop shop' for any engineering task at its major facility in Lerwick in the Shetland Islands. Experts in marine repair and corrosion prevention, metal works and fabrication, welding, pipework and design, the company works for a wide range of clients including the oil and gas, fish farming and renewable energy industries.

The company has a desire to improve its environmental performance across all aspects of the business and has embarked on the Carbon Management programme in an attempt to embed energy efficiency at the heart of the business going forward. In particular, rather than being a barrier to implementing its Carbon Management Plan, its recent move to new premises has given the company the perfect opportunity to include low energy design features into the new site. In the longer term, it is hoped that renewable energy supplies will be available at the new site, as a means of lowering operating costs and reducing the company's carbon footprint even further.

Carbon reduction projects identified include:

- Low carbon building specifications
- Energy, waste, water and fuel monitoring and reporting
- Staff awareness training
- Replace older Ford Transit vans with low emission equivalents
- Install high speed shutter doors or air curtains to workshops and stores
- Develop a renewable energy supply on-site

The overall aim of the company's Carbon Management Plan is to deliver a 15% reduction in carbon emissions by 2016. However, due to the uncertainty associated with relocating to a new site, the precise implications for the company's overall carbon emissions are as yet unknown and detailed projections for savings will be developed once the company is settled, estimated at six months after entry (June 2013).

In the short-term, by incorporating a number of low carbon design measures into specifications for the new site, Ocean Kinetics aims to reduce its building energy-related carbon emissions by 40% by the end of 2013.

Carbon Management – the way forward

The Carbon Trust is the UK's leading expert in reducing carbon and improving sustainability in business. In 2012 the Carbon Trust assisted 20 SMEs across all sectors in Scotland to develop and implement Carbon Management Plans.

The 2011 Carbon Trust Scotland's Carbon Management programme for SMEs was run in partnership with Scottish Enterprise and Highlands and Islands Enterprise.

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"Ocean Kinetics has a long term ambition to control and reduce its carbon emissions, and the Carbon Management Plan has been an excellent tool to formalise and implement our ambitions. We now have efficient systems in place, and are currently looking into the development of a renewable energy supply on site. We are very grateful to the Carbon Trust for their support."

John Henderson,
Managing Director,
Ocean Kinetics Ltd



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