

TNEI: Energy Management

Client: One North East

TNEI Services Ltd was awarded the contract to deliver the North East's CRC Simulation Project. The project began on 1 April 2009 and concluded on the 31 March 2010. The main aim of the project was to raise awareness of the CRC Energy Efficiency Scheme (CRC) to help businesses prepare for the CRC and gain experience of the activities involved in the scheme and to inform ONE of the business support needs

Core Tasks

The CRC Simulation project followed a number of phases from recruitment, data collection, carbon management planning and trading.

The Simulation was open to all CRC eligible companies in the North East. The final number actively participating was 27; 16 private sector and 11 public sector. Participants range from heavy manufacturing and engineering companies, local authorities, a regional police force, a regional airport, HE and FE establishments, an NHS body and a national bank.

Outcomes

The Simulation Project benefited participants by providing them with an understanding of:

- CRC legislation and eligibility
- Internal processes and data collection requirements
- Mechanics of the League Tables
- Current 'Early Action Metric' / performance scores
- Cost / benefit of actions

In addition to this participants had the opportunity to participate in risk free carbon trading simulation, had access to technical CRC advice / helpline and were able to network with others affected by the CRC to share knowledge / experience.

Over the duration of the project TNEI identified very clear barriers to meeting the needs of the CRC legislation. The Team worked with participants to help them address issues relating to:

- Awareness regarding the CRC legislation and eligibility
- Management buy-in and participation
- Internal processes / capacity (for data collection, reporting, responsibility, tracking)
- Understanding of
 - Cost / benefits , League Table idiosyncrasies, trading
 - Data and report verification and audit requirements
 - Organisational structure / reporting structures, internal responsibilities and governance

The principal finding of the project is that all organisations need to focus on implementing good energy management practices. This enables them to understand the implications and meet the requirements of CRC legislation.



CO₂

Reducing CO₂ emissions is central to realising the financial and reputational benefits of the CRC



It is important to appreciate the timescales involved in planning then realising carbon management

