

Creating a low carbon future with the public sector



Climate change poses a real threat to our future. Most people now accept that. Less understood are the real opportunities this issue creates. For public sector organisations throughout the UK, reduced carbon emissions can go hand-in-hand with increased operational efficiency. The Carbon Trust can help you to realise both goals.

Partnership works to cut carbon and costs

Preventing climate change presents real challenges for your organisation. There has never been greater pressure to lead by example in meeting evolving legislation to reduce carbon emissions and make good use of public spend. Together we must work towards a compliant, efficient and inspiring future.

The Carbon Trust is a private company set up by Government in response to the threat of climate change. Our mission is to accelerate the move to a low carbon economy by developing commercial low carbon technologies in partnership with business, the public sector and specialist research institutions.

We provide a range of innovative products and services that support public sector bodies with carbon emission reduction. These include those directly available via the Carbon Trust and through third-party companies. Our goal is to help you to understand all the issues, reduce your carbon emissions and embrace low carbon technologies.

“The Public Sector needs to visibly lead the way to the transition to a low carbon future. I welcome the leadership shown by those organisations already working with the Carbon Trust to reduce their carbon emissions and implore others to follow suit.”

Phil Woolas MP, Minister of State for the Environment

Services direct from the Carbon Trust

We offer a range of products and services specifically tailored to the needs of public sector bodies. From carbon surveys to training workshops, we can provide you with specialist guidance and support to help you reduce your carbon footprint.

Carbon Surveys

A free visit by an independent, accredited consultant will identify energy savings opportunities within your organisation. These can range from simple low- or no-cost measures to investments that typically pay for themselves in 1-3 years.

Note: Carbon Surveys are available to organisations with energy bills exceeding £50,000 per year.

Carbon Management

This is a five-step programme for larger organisations, providing a strategic view of how carbon impacts the organisation by identifying the risks and opportunities associated with climate change. It's a holistic approach involving staff in all areas and importantly requires senior management support.

We offer tailored support to local authorities, universities and NHS organisations. Focusing on peer mentoring and knowledge sharing between public sector bodies, they bring change management and technical expertise to help organisations develop long-term strategies for carbon savings. Carbon Management is also available for central government.

LA/HE/NHS Networks

As part of the tailored programmes above there are web-based online communities which offer useful forums in which to discuss carbon saving technologies; debate solutions for behavioural change, and react to incoming policy and legislation. The central Government Estate can also use the LA Network.

Training workshops

Free, interactive training workshops are available nationwide, covering a range of topics such as Energy Management and Compressed Air. To register your interest, or for more information, visit our website.

Publications

The Carbon Trust publishes fact sheets, case studies and in-depth guides tailored to your organisation. Profit from the largest library of independent advice on energy efficiency in the UK. To place an order, contact the Carbon Trust or visit our website.

Staff awareness

Promote energy saving actions among your employees with our range of posters and stickers offering important tips and ideas to get them involved. Visit our website, or call to place an order.

Customer Centre

Contact the Carbon Trust for free advice on any aspect of energy saving. Simply call **0800 085 2005**.

Website

Visit www.carbontrust.co.uk to see energy saving in action, and access a whole range of self-assessment tools, guides and directories.

Design Advice

Available from the Carbon Trust, this specialist service includes a detailed printed guide and face-to-face consultancy. It will help to identify the carbon savings in new and renovation building projects, offering free or subsidised consultancy advice throughout the project stages. Our free Building Design Advice Guide contains detailed, practical advice about procuring energy efficient buildings – from deciding on the right technologies to commissioning and maintenance – essential reading for anyone involved in creating or adapting environmentally-friendly, non-domestic buildings. To apply call the Carbon Trust Customer Centre on 0800 085 2005.

Low Carbon Building Accelerator

The Carbon Trust Low Carbon Building Accelerator demonstrates how major refurbishments of non-residential buildings can be completed in a low carbon and cost effective manner. It involves specialist Carbon Trust consultants working on a range of building projects focused on gathering data and demonstrating expertise. Three different video case studies are available from our website: Whitbread plc – The Hogsmill Tavern, Ministry of Defence – Spider blocks and Hampshire County Council – Ashburton Court.

For further information, visit www.carbontrust.co.uk

Cutting carbon emissions with Islington Council

With the Carbon Trust's Local Authority Carbon Management (LACM) programme, Islington Council was able to identify priority actions that will reduce its carbon footprint by 8.5% – or over 70,000 tonnes of CO₂ by 2010. These actions include an awareness campaign aimed at staff and schools, saving £43,000 and 196 tonnes of emissions each year, and improved thermal performance of council buildings to save £105,000 and 3,280 tonnes of CO₂.

“Our LACM programme gives councils the tools they need to save money on energy, for use in other areas. We're proud to be working with over one third of the UK's local authorities in this way.”

Richard Rugg
Head of Public Sector, Carbon Trust

Going green with Warwick University

Warwick University turned to the Carbon Trust's Higher Education Carbon Management (HECM) programme to address its energy spend and use. The result is a carbon reduction strategy that should see the organisation cut CO₂ by 10% and save up to £1 million in energy costs over 5 years. Key actions include the adoption of energy-efficient light bulbs; investigations into using biofuel and electric vehicles; recycling schemes, and the installation of small wind turbines. Over a financial year, Warwick University can look forward to cutting its carbon emissions by 4,000 tonnes.

“Collaborating with the Carbon Trust, we now have a clear strategy for practical actions that are helping us to operate more efficiently. The changes we've made save us considerable amounts of time and money.”

Nick Hillard
Environment Office, Warwick University



Additional support

Our strategic partnerships with leading providers of low carbon solutions can further support you in reducing energy costs and carbon emissions. We also offer practical advice to assist you in placing carbon at the heart of your procurement decisions.

The Low Carbon Culture Company

Altering the behaviours of a large workforce can create significant carbon savings within your organisation. The Low Carbon Culture Company helps release these savings by engaging employees on climate change. It is relevant to any organisation, public or private, whose employees play a key role in reducing carbon emissions.

To learn more, contact the The Low Carbon Culture Company at lowcarbonculture@carbontrust.co.uk, or call 020 7170 7000.

Energy Technology List

The Enhanced Capital Allowances (ECA) scheme is a key part of the Government's programme to manage climate change. Although capital allowances do not apply to public sector organisations, the Energy Technology List, managed by the Carbon Trust, offers a comprehensive guide to your procurement decisions. Covering 14 technology equipment categories you can search over 14,000 reliable, energy efficient technology products. Visit the website at www.eca.gov.uk/etl

Salix Finance

Salix is an independent company funded by the Carbon Trust. The company works with the public sector to reduce energy costs and carbon emissions by providing interest-free funding to organisations for the capital cost of implementing energy efficiency measures and technologies.

For further information about Salix Finance services, contact the team at info@salixfinance.co.uk, or call 020 3043 8800.

Connective Energy

Connective Energy Ltd is a supplier of low carbon heat solutions. It will design, develop and operate heat pipelines linking sources of excess heat with industrial and commercial end-users across the UK.

For further information about Connective Energy services, contact the team at info@connective-energy.com, or call 020 7921 0052.

Partnerships for Renewables

Partnerships for Renewables (PFR) has been established by the Carbon Trust to work in partnership with public sector bodies to develop, construct and operate renewable energy projects on public sector land. PFR finances all the costs of project development and resultant capital expenditure, thereby providing a low-risk opportunity to access the economic and environmental benefits associated with renewable energy.

For further information about PFR visit www.pfr.co.uk or phone 020 7170 7000.

Building efficiency with the Department for Culture, Media and Sport

When refurbishing one of its five London sites, the Government's Department for Culture, Media and Sport (DCMS) called on the Carbon Trust for a Low Carbon Building Design Advice review and report to ensure all work would be completed for maximum efficiency and

carbon reductions. Improvements made to the building's heating, ventilation and lighting systems have earned the DCMS an Energy Efficiency Accreditation (EEAS) for its commitment to minimising energy use. And by 2020, they could save the DCMS up to £44,000 annually.

“The Carbon Management programme has focused our attention on what we can achieve as a sustainable organisation. With the Carbon Trust’s guidance, we aim to set new standards in environmental performance.”

**Scilla Smith, Chairman,
Hull and East Yorkshire Hospitals NHS Trust**

“Carbon Trust’s Design Advice provided us with tailored, practical guidance to help our organisation become more efficient. Our new ‘green design’ facility fits perfectly with our environmental policy, and limits our energy consumption.”

**Ian Beaumont, Estate Manager,
South Yorkshire Fire and Rescue Service**

The Carbon Trust was set up by Government in 2001 as an independent company.

Our mission is to accelerate the move to a low carbon economy by working with organisations to reduce carbon emissions and develop commercially viable low carbon technologies.

We do this through 5 complementary business areas:

Insights – explains the opportunities surrounding climate change

Solutions – delivers carbon reduction solutions

Innovations – develops low carbon technologies

Enterprises – creates low carbon businesses

Investments – finances clean energy businesses.

www.carbontrust.co.uk

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