

The Carbon Trust support for SMEs

Your partner in the low-carbon world



The business sense of carbon efficiency

As the UK and wider world move towards a low-carbon economy, carbon efficiency can no longer be a secondary concern.

By putting carbon at the top of the agenda, enterprises can reduce operating costs, strengthen their brands, energise their employees and reveal profitable new opportunities – all at the same time as reducing emissions.

The Carbon Trust works closely with thousands of small and medium-sized enterprises (SMEs) in the UK. Every year we help to substantially reduce their emissions and costs (see stats below). We'd like to do the same for you. Whatever your sector, however far down the road to carbon efficiency you are, we'll help you define and implement the most effective energy plan for your business. And because we're an independent government-funded company, you can trust us to give objective advice and support.

This booklet outlines the Carbon Trust services that are most relevant for SMEs, including easy, practical, no- or low-cost ways to reduce the amount of energy you use. To find out more or to arrange an initial consultation, please visit www.carbontrust.co.uk/smallbusiness or call us on **0800 085 2005**.

The business benefits are too great to ignore. Through simple measures, SMEs in the UK could save a combined £1.37 billion in a single year.

£45m	energy savings we realised for SMEs in 2007-2008
300,000 tonnes	carbon reduction we helped SMEs achieve in 2007-2008
£20.5m	interest-free loans we gave to SMEs buying low-carbon equipment in 2007-2008
£1 billion	total energy savings we've realised for UK businesses
£1m	amount we'll save for UK businesses every day over the next three years
17m tonnes	total carbon reduction attributable to the Carbon Trust since its inception
900,000	Carbon Trust website visits from SMEs to date
420,000	Carbon Trust publications ordered by SMEs to date

See the opportunity

Understand your carbon footprint

We offer **online tools** such as the Carbon Footprint Calculator and Carbon Footprint Indicator to help you calculate your organisation's approximate carbon footprint – the first step in a programme to reduce emissions.

www.carbontrust.co.uk/carboncalculator

Identify saving opportunities

We offer free **energy saving assessments** over the phone. Call our Customer Centre to speak to one of our advisors on 0800 085 2005.

If your annual energy bill is greater than £50,000 you could also receive a more detailed **on-site carbon survey**. An independent, accredited consultant will visit your location(s) to look at how you use energy and help you pursue the best carbon-saving opportunities. These can range from simple no- or low-cost measures that usually reduce energy costs by at least 10%, through to investments that typically pay for themselves in 1-3 years.

www.carbontrust.co.uk/survey

Access the best knowledge

We provide **expert practical advice** designed to help SMEs define a tailored energy saving programme. Visit the advice pages on our website to find introductory help for organisations in your sector and more detailed information on specific topics such as lighting and heating.

www.carbontrust.co.uk/carbonsavingadvice

The Carbon Trust is the leading knowledge base for business carbon management in Europe. Over 400 **publications** are available online, from newsletters, flyers and factsheets to technology and industry-specific how-to guides, strategic reports and case studies.

www.carbontrust.co.uk/publications

We also share knowledge through our **workshops and training** events around the country. These range from introductions to carbon footprinting and energy management through to specific practical sessions – e.g. on motors and drives or compressed air. All are free to attend.

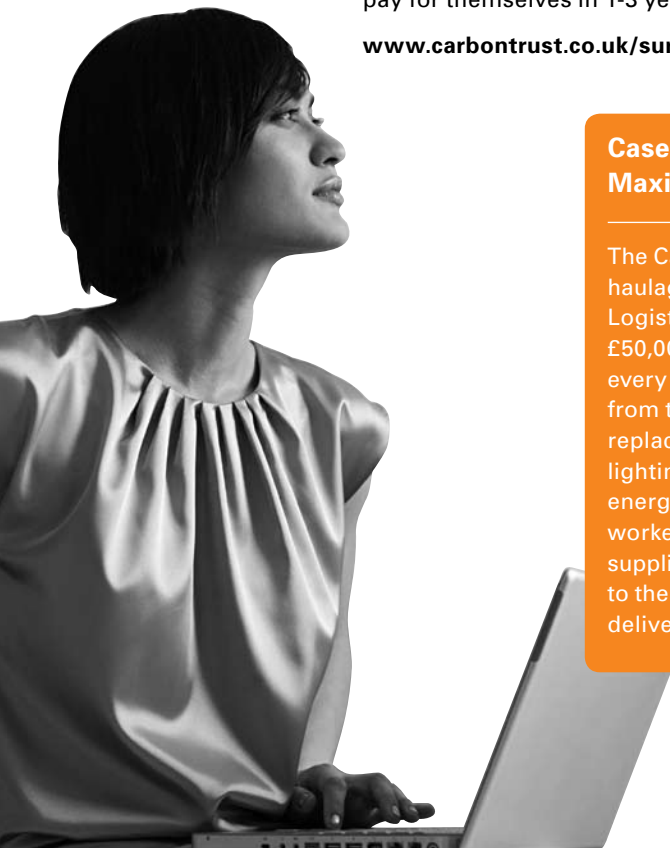
www.carbontrust.co.uk/events

Case study: Maxim Logistics Group Ltd

The Carbon Trust site survey helped haulage and freight company Maxim Logistics to dramatically reduce the £50,000+ it was spending on energy every year. One key recommendation from the in-depth survey was for the replacement of the main warehouse lighting system with a modern, energy-efficient alternative. Maxim worked closely with their chosen supplier to develop a system tailored to their requirements. The end result delivered an 82% energy saving

by using microwave dimmable technology, with an overall 42% saving on the company's yearly energy spending – and as an Enhanced Capital Allowance it will pay for itself in less than two years.

Environmental Manager Anna Zaka says: "With the Carbon Trust's support our new lighting system in the warehouse has improved the working environment, and is now more energy efficient and more economic to run."



Take action

Case study: HLC Wood Products Ltd



Norfolk-based HLC Wood Products Ltd saved money and carbon with a loan from the Carbon Trust. The timber pallet manufacturer was awarded £100,000 to install energy efficient equipment which saves an estimated £32,741 and 174 tonnes of CO₂ per year.

Ryan Lewis, General Manager at HLC, says: "We approached the Carbon Trust for a loan because we knew our systems could be made more efficient but we needed support with the initial capital outlay. The application process was quick and straightforward and we are already seeing savings in carbon and cash in line with what the Carbon Trust estimated."

Finance your energy plan

We offer **energy efficiency loans** from £5,000 to £200,000 to help SMEs upgrade or replace equipment with energy-efficient alternatives. The loans are unsecured and interest-free to fund projects such as energy-efficient lighting, boilers or insulation.

www.carbontrust.co.uk/loans

We manage the Energy Technology List which is at the core of the Enhanced Capital Allowances for energy saving technologies. An ECA allows businesses to take advantage of accelerated tax relief – 100% of the capital cost of energy-saving equipment can be offset against corporation or income tax.

www.carbontrust.co.uk/eca

Energise your employees

Carbon management can galvanise employees and give your organisation a new sense of mission. As well as employee training, we have produced a range of **communications tools** such as thought-provoking posters and stickers.

www.carbontrust.co.uk/posters

Achieve sustained energy reductions

Our consultants and customer centre (available for free advice on 0800 085 2005) will continue to work with you following your initial **interaction** to assist with implementation and ensure you get the maximum benefits from your carbon-reducing activities.

www.carbontrust.co.uk/energy

Be part of the future



Case study: PCA Engineers Ltd

Specialist engineering consultants PCA and its industry partners wanted to make cooling fans more efficient. With the aid of a £98,000 grant from the Carbon Trust, they developed a new approach to fan design that can reduce CO₂ emissions by 14%. Since fans account for around 2% of the UK's carbon emissions, the total potential energy saving is huge.

Robin Elder, PCA Engineers Limited, says: "The grant accelerated the process of bringing the improvements to market and of helping place the UK at the forefront of this technology. We found the Carbon Trust to be a positive group of forward thinking people with whom it was easy to collaborate."

Show your carbon commitment

The Carbon Trust Standard certifies that you have made genuine reductions to your carbon footprint and are committed to making further reductions year on year. Achieving the Carbon Trust Standard helps you prove you're tackling climate change, build your reputation and reduce the cost of compliance under the Carbon Reduction Commitment (CRC).

www.carbontrust.co.uk/standard

Be a carbon entrepreneur

Carbon Trust Investments finances emerging clean energy technology businesses that demonstrate commercial potential. We specialise in identifying and investing in early-stage technologies and credible management teams, and are a co-investor of choice in the low-carbon technology field.

www.carbontrust.co.uk/investments

We also help to develop commercially promising low-carbon technologies through partnerships with academia and business, expert advice and large-scale demonstrations, as part of our **Innovations** programme.

www.carbontrust.co.uk/technology

Benefit from the latest thinking

The Carbon Trust is a centre of excellence for low-carbon thinking and strategy. Our **Insights** team provides topical papers, case studies and thought pieces exploring issues and opportunities surrounding climate change and carbon reduction, available on our website.

www.carbontrust.co.uk/climatechange

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

The Carbon Trust's mission is to accelerate the move to a low carbon economy, by working with organisations to reduce carbon emissions now and develop commercial low carbon technologies for the future.

We cut carbon emissions now

- By providing business and the public sector with expert advice, finance and accreditation.
- By stimulating demand for low carbon products and services.

We cut future carbon emissions

- By developing new low carbon technologies through project funding and management, investment and collaboration.
- By identifying market barriers and practical ways to overcome them.

www.carbontrust.co.uk

0800 085 2005



ACT ON CO₂ is the Government's initiative to help individuals understand and reduce their carbon footprint. Visit <http://actonco2.direct.gov.uk> for more information.

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