



MANAGING CARBON

A Complete Solution



SUSTAINABLE PRODUCTS OVERVIEW

Roofing and Building Protection

- Standard internal insulation installed in roof, floor and wall spaces reduce energy costs significantly.
- Flat roofs coated in Glass Reinforced Polyester (GRP) laminate systems provide long-term protection from leaks and degradation that leads to energy inefficiency.
- Total exterior protective coatings applied to brickwork and masonry seal in heat and provide protection against UV degradation and colour fade, water ingress, frost, wind, dirt and debris.
- Significant savings achievable and return on investment varies depending on the size of the property.

Lighting

- A complete range of energy saving internal and external lighting is available for all applications and locations.
- Savings between 40-80% on energy consumption and costs are usual.
- Average return on investment 18-30 months (this includes cost of lighting products and installation).

Energy Monitoring Services

- Itemised energy consumption information for any period, location or appliance.
- A multi-channel electricity, gas, water, and oil tracking system sends sub-second readings to a central database where we store, analyse, and deliver energy consumption via the web.
- An ideal service for businesses with a high energy spend, but are unsure exactly where the energy is used. Savings of up to 25% are not uncommon.

PC Power Down

- PC Power Down helps you reduce electricity consumption and save money by scheduling the powering down of computers and peripherals when not required. Reduce your bill by as much as two thirds compared to leaving the equipment 'always on'.
- By switching off computers and peripherals when not required, you can reduce CO2 emissions significantly, typically 750kg a year per PC (the equivalent of you taking 7 return flights from London to Paris).

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Refrigeration Management

- Energy saving is focussed on retrofit of an energy saving device that reduces the frequency of refrigeration cycles, as these are based on food temperature rather than fluctuating air temperature.
- Savings up to 35% with return on investment between 6-24 months.

Water Management

- Water bills and associated heating costs can be greatly reduced through vacuum technology that aerates water producing much lower flow rates without compromising flow streams.
- Applicable to taps, showers and pre-rinse sprayers for commercial kitchens.
- Return on investment often within months.

Telecommunications

- The UK's greenest call minutes essential for organisations wanting to meet green objectives.
- A carbon neutral network for calls.
- Customers can achieve environmental benefits by switching their telecoms provider.

Boiler Management

- Oil, gas and LPG-fired boilers in commercial premises can be fitted with boiler management systems that generate minimum 25% energy savings.
- Normally systems are leased and savings exceed the monthly leasing charge.
- As a guideline, all annual heating bills in excess of £16000 should show a saving that makes leasing a viable option.

Heating Management

- Control all the individual devices in a building, resulting in reduced energy consumption and carbon emissions
- With the Ethernet connection, you can access all aspects of the heating control system for the entire building via a local PC on a LAN or even over the internet.

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Workspace Management & Office Furniture

Our partner exceeds the most stringent environmental requirements. This is due to a comprehensive environmental policy, from concept to recycling and unique logistics.

Renewable Energy Products

Renewable energy is energy supplied by the Sun, Earth, wind, or sea. The long-term benefit is that once you've invested in the appropriate equipment, the energy you get is either free or extracted very cheaply using established heat pump technology.

1. Solar water heating and solar electricity
2. Air and ground source heat pumps
3. Wind turbines
4. Solar light tubes
5. Rain water harvesting
6. Biomass stoves
7. Green electricity.

Carbon Offsetting

- This will provide organisations, that wish or need to offset their carbon emissions, with an efficient and legitimate scheme that will also enhance their reputation, externally and internally as a socially responsible company.
- The programme will provide renewable energy products, mainly solar electricity from Photovoltaic Panels, for schools in developing countries.
- This programme will be used to offset the carbon usage of companies in the developed world.
- We will be working with registered charities to ensure most of the money goes towards buying the Photovoltaic Panels.
- To add authenticity and transparency a third party is used to audit the process.

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