



# low carbon retrofit solutions

- Turnkey solutions
- Energy savings
- Quick paybacks
- Funding
- Nationwide support





# low carbon retrofit solutions

Government interventions such as the **Carbon Reduction Commitment and energy efficiency targets** mean that there has never been a greater need for trusted low carbon retrofit technologies. That's where **Energys** can help.

## THE ENERGY STORY

From its roots as an energy-efficiency consultancy, Energys Group has evolved into an established supplier and installer of retrofit low-carbon technologies. Energys has over 1.5 million energy-saving devices installed across Europe. Yet this is only the tip of the iceberg and many more organisations need solutions to their energy challenges. Energys is uniquely placed to provide that support. Our portfolio of best in breed technologies offers immediate, tangible energy savings and the quickest payback periods.





## MARKET DRIVERS

Low-carbon has become part of the mainstream. Pressures such as the Carbon Reduction Commitment, Display Energy Certificates and Energy Performance Certificates are pushing carbon-cutting up the agenda for all types of organisations. Coupled with this is the Government-led demand for increased transparency of energy usage within its own departments and in UK boardrooms, including mandatory carbon reporting for LSE-listed companies. Yet it is the simplest and most effective solutions for reducing an organisation's energy consumption that remain the most overlooked.

Retrofit energy-efficient lighting installations can cut lighting energy costs in half. Making a boiler more 'intelligent' through improved controls can enable it to function better while using less gas. These 'easy wins' improve upon what is already in place, rather than starting from scratch.

As new build construction slows and the UK continues to 'make do' with its existing building stock, the priority must be on retrofit technologies that improve energy efficiency. A retrofit strategy enables you to build on the investment you have already made in a building's infrastructure by reducing the burden of capital investment. This is often the quickest way to unlocking immediate, tangible energy savings.

## Carbon Reduction Commitment (CRC) Energy Efficiency Scheme

The Carbon Reduction Commitment is a mandatory scheme which affects large organisations in the public and private sectors. Eligible organisations must report their energy use and buy 'carbon allowances', in line with the amount of CO<sub>2</sub> they emit. Additional costs resulting from the CRC amount to approximately 10% of a company's electricity bill. However, organisations that cut their energy consumption can:

- save money on energy
- buy fewer carbon allowances

## KEY PRODUCT AREAS

### lighting solutions

**Save It Easy** – plug-in converters that allow replacement of old-style fluorescent lamps with energy-efficient equivalents in the existing light fittings.

**LED Upgrades** – highly specified and high quality energy-efficient LED technologies to cover a wide range of applications and lighting requirements.

**Potential electricity savings: up to 90%**

### boiler controls

**Intelligent Boiler Controls** – boiler optimisers which are designed to cut fuel costs and reduce the time that a boiler burns fuel, without affecting the temperature of the building.

**Potential fuel savings: up to 15%**

### valve wrap

**Valve Wrap** – easy to retrofit, reusable insulation covers for valves, flanges, filters and fittings ensure that no heat is wasted on plant equipment.

**Typical payback: within 15 months**

### power optimisation

**Power Optimisation** – a device that fits between the electricity supply and lighting distribution board, reducing voltage, improving power factor and smoothing harmonics to reduce electricity costs.

**Potential electricity savings: up to 40%**

## OUR APPROACH

matching customer objectives with tangible business outcomes

range of retrofit solutions

simple payback calculations

easy funding options

installation solutions: turnkey, self-install and accredited installers

tangible, quick and demonstrable savings

maintenance and support

## CUSTOMER FOCUSED

Energys Group is a customer-focused business. Its mission is to provide customers with tried and tested turnkey solutions to meet the challenge of carbon reduction. Every member of the team is an experienced energy professional with an impressive track record in delivering carbon savings. Energys is committed to providing a quick response to your energy-saving needs. Its turnkey solution reduces time and effort by combining product supply, installation and project management in a single highly-competitive package.

## FINDING FINANCING

Financing is a low commercial risk route for any organisation which needs to make instant and tangible savings. Working alongside its customers, Energys can help to secure government-funded or off-balance-sheet financing. Energys can manage the whole financing process for you from start to finish, making energy saving easier and affordable.

We have a range of finance options available to our customers, including our own off-balance-sheet leasing scheme. This helps to ensure protection against future electricity price rises at today's historically low cost of borrowing. This enables us to provide customers with upgraded energy efficient technology – together with full parts and labour warranty – meaning there are no on-going service costs. In addition, funds can be released for other projects.

## WHAT OUR CUSTOMERS SAY

“Projects like the Save It Easy upgrade have contributed to the Council's success in cutting its carbon footprint. In fact, we were so impressed by Save It Easy that we have rolled it out across most of our fire stations, large libraries and council buildings and we'll soon be installing Save It Easy in our smaller libraries, too.”

### Nicola Winsor

Carbon Management Officer  
at West Sussex County Council



## WHO WE HAVE HELPED

A small selection of the organisations that are benefiting from our low carbon retrofit technologies. You can also view case studies and testimonials on our website [www.energysgroup.com](http://www.energysgroup.com)



## WHAT OUR CUSTOMERS SAY

“ Making the switch to energy-efficient lighting was considered a particular priority, since it can provide dramatic reductions in electricity use. We were particularly interested in using a retrofit product to install the new lamps, so that we could retain the existing light fittings in the buildings on the base. I was impressed that the lighting installation could be undertaken with minimal disruption to the building fabric and that it was a tried and tested technology.

**Debut Services Ltd**  
(RNAS Yeovilton contractor)





If you would like additional information please contact:

ARNOLD ASHWORTH

TEL: 01204 238235

MOB: 07943 913137

EMAIL: [arnoldashworth@gmail.com](mailto:arnoldashworth@gmail.com)

[www.energysgroup.com](http://www.energysgroup.com)

