

## Case Study

# Plymouth City Council Civic Offices

- Customer:** Plymouth City Council
- No of units installed:** 3,631
- Electricity Bills:** Reduced by £17,500+ / year
- CO<sub>2</sub> Savings:** 85 tonnes / year

## PROJECT OVERVIEW

**As part of its ambitious carbon-reduction plan, Plymouth City Council used retrofit converter, 'Save It Easy®', to install energy-efficient lighting at its civic offices, reducing its lighting energy consumption by an impressive 34%.**

## BACKGROUND

Energy efficiency is high on the agenda at Plymouth City Council, which has made a target to reduce its carbon emissions by 80% by 2050. The council took a step towards achieving its ambitious target by opting to retrofit the lighting at its civic offices.



## CLIENT TESTIMONIAL

"Plymouth City Council is committed to being more energy efficient and this is one of a number of projects that have helped cut our carbon emissions as well as save money in the long-run for the council tax payers."

**Plymouth City Council spokesman**

## THE CHALLENGE

Plymouth City Council was keen to unlock energy savings by upgrading its lighting, in order to meet its carbon reduction targets and save money in the long-run for the council tax payers. However, disturbing the day-to-day working of its staff, through the noise or dust of a disruptive installation, was simply not an option.

## THE SOLUTION

Using Save It Easy, the Council installed 3,631 low-energy fluorescent lamps on its premises – without disruption. The work was swiftly carried out by Energys Services Ltd (ESL), the installation arm of Energys Group. The retrofit nature of Save It Easy meant that the new lamps could simply be slotted into the existing fittings. This eliminated any noise or dust during the installation.

## RESULTS AND OUTCOME

The higher efficiency of the low-energy lamps, plus the more efficient control gear in the Save It Easy units, means that the civic offices cut their lighting energy consumption by 34%, saving 85 tonnes of carbon per year. The council also achieved annual savings £17,585 on its electricity bills. This means that the project paid for itself in just four years.

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