



Clogau is a second-generation family business based in Wales. Since 1989, its growing range of jewellery has captured the hearts and imaginations of jewellery lovers far and wide. Clogau chose Ineco Energy to upgrade to LED lighting within the offices at their Head Quarters.

Background

Clogau was considering refurbishing their offices because the existing lighting was old and inefficient when they heard about the Carbon Trust's Green Business Fund – capital contributions.

Clogau approached Ineco Energy to learn more about the possibility of upgrading to LED Lighting and the opportunity to benefit from a non-repayable capital contribution made the decision to upgrade to LEDs an easy one.



Solution

A detailed survey of the offices highlighted the need to upgrade the lighting as several of the existing fluorescent lights were broken and the light levels were poor. Our surveyors captured room dimensions & asset tagged each fitting to ensure that we had a clear picture of the existing environment and the energy that it uses.

Our design team undertook a bespoke lighting design for a variety of rooms with different applications i.e. a canteen requires different light levels to a corridor. This ensured the appropriate lighting was provided for the area used in accordance with CIBSE guidelines. Ineco selected high quality, UK manufactured LED light fittings which enabled us to reduce the number of fittings by over 20%!

Clogau invited several accredited suppliers to quote for the works but selected Ineco energy as the accredited supplier of choice because our solution was designed for efficiency; to provide the optimum light levels, using the least number of fittings to deliver the greatest return.

Ineco assisted Clogau with the funding application, providing all the paperwork required and were able to obtain a non-repayable capital contribution towards the project. The works were undertaken outside of normal office hours to minimize disruption.

Results

Energy Savings
78%

Carbon Savings
105 tonnes

Financial Savings
£ 76,792

"INECO Energy understood our requirements, undertook a detailed lighting audit and bespoke lighting design which enabled us to reduce the number of fittings and capital cost whilst delivering the optimum light levels, carbon and energy cost savings. Work was undertaken out of office hours to ensure zero disruption to our operation. The new lighting has had great feedback from my colleagues and Managing Director."

Project Manager, Clogau