

GILFACH GOCH COMMUNITY ASSOCIATION LED LIGHTING SCHEME

DELIVERED BY RCTCBC'S ENERGY & CARBON
REDUCTION TEAM BETWEEN 2023 - 2024

Over 240 LED lights have been fitted at Gilfach Goch Community Association, Porth as part of the Carbon Reduction Project between April 2023 and March 2024.

Compared to traditional light fittings such as incandescent and fluorescent bulbs, LED lights are more efficient as they convert a higher percentage of energy into light, produce less heat, and have a longer lifespan. This makes LEDs a cost-effective lighting solution but also contributes to their growing popularity as a sustainable choice for lighting needs.

Data indicates that this project **saves 31,826 kWh a year**, which is the equivalent to **£8,275 annually** (based on current energy costs). This installation reduces the Council's greenhouse gas emissions by **12.29 tonnes annually**, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

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