



Return on Investment in less than 5 Years

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Background

Circadian Trust is an independent, charitable company successfully managing a range of leisure facilities in Bristol.

As part of their commitment to reducing CO² emissions and energy consumption across their portfolio of sites, Circadian appointed Unify as their exclusive energy consultants. Unify successfully helped secure significant Sport England funding contributing to the delivery of a rolling programme of energy efficiency enhancements at two of Circadian's key Leisure Centres.

Unify worked closely with the Circadian team to jointly design and implement a wide range of projects delivering the very best energy performance outcomes.

Solution

Unify's energy experts first identified a selection of energy efficiency initiatives, prioritising those solutions presenting the most advantageous, long term environmental and financial benefits; and the swiftest returns on Sport England's and Circadian's investment.

Through a process of close consultation with Circadian and Sport England, a final set of projects was agreed representing the most beneficial projected outcomes.

Unify then produced detailed design specifications and drawings for each of the final schemes and undertook a rigorous supplier tendering process to ensure the most cost effective final solutions.

VOLTAGE OPTIMISATION

DESTRATIFICATION FANS



POOL PUMPS & CONTROLS

Plant Room Insulation

NATURAL VENTILATION



500 Tonnes of CO² Saved Every Year

"We have been delighted by the high quality of the outcomes that the Unify team have consistently delivered and the very significant energy savings they have enabled".

Achievement

Following the implementation of these high quality projects and initiatives, Circadian have realised a dramatic annual reduction in water, gas and electricity usage; in the order of 500,000kWh for gas and 800,000kWh of electricity.

In addition to this significant improvement in energy consumption, Circadian are also now benefiting from substantial savings in carbon emissions of circa 500 Tonnes of CO² each and every year.

With impressive individual project paybacks - as low as ten months in some instances - Circadian and Sport England will achieve a return on their joint investments in less than 5 years.

Client Feedback

Mark Crutchley, Circadian Trust's CEO, commended the Unify team for their consistently high standards and significant energy savings achieved.

Mark said *"Circadian worked closely with Unify for a number of years, most recently for the design and implementation of a wide range of important energy efficiency projects, funded by Sport England, at our Bradley Stoke and Yate Leisure Centres.*

We have been delighted by the high quality of the outcomes that the Unify team have consistently delivered and the very significant energy savings they have enabled".

Boiler Optimisation Controls

Inverters



LED LIGHTING



RAINWATER HARVESTING



Direct Drive AHU Motors

The Unify Group has undertaken numerous energy efficiency projects up and down the country. Unify consistently improves the customer experience, enables strong investment returns and delivers a professional and courteous service.

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