

RUSHDEN & DIAMOND SPORTS CENTRE, RUSHDEN





Client : Citrus Group

Services:

- Energy Audit
- Energy savings
- Pre-Demo Audit

 Reduction
124
tCO2e/yr

Features:



- Low Energy Lighting
- ASHP/VRF

Project details

The RDFC Sports Centre located within the original site of the Rushden & Diamond Football Club stadium, jointly houses a fitting appointed athletics and gymnastic facility as well as a base for Citrus Group training offices.

The Citrus Group aware of pending Minimum Energy Efficiency Standards (MEES) required a full energy use audit and performance to avoid the building becoming a stranded asset.

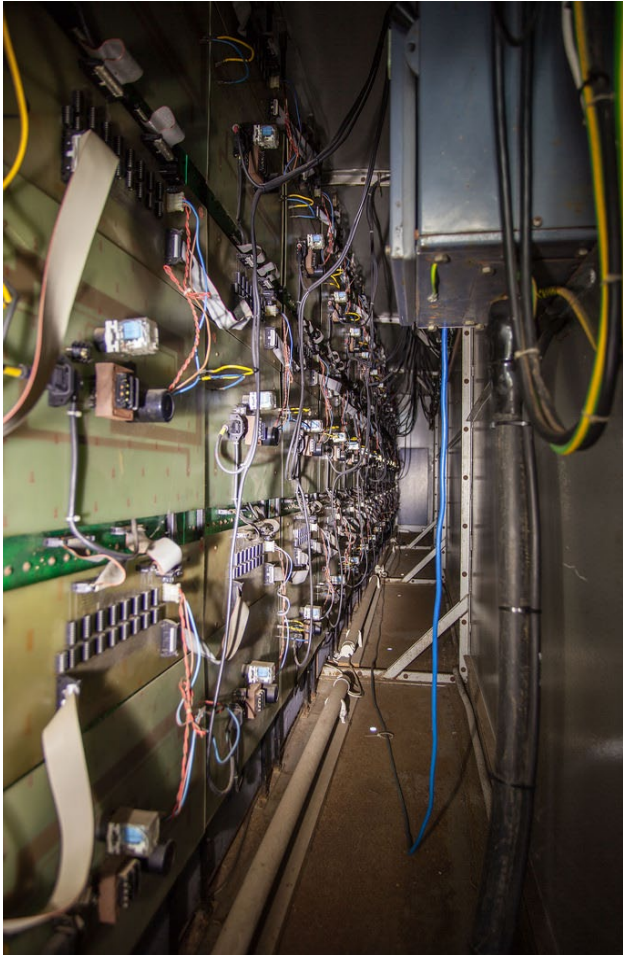
Highlights

This building had already made the change over to Low Energy lighting as well as partial change over to an all-electric heat source with VRF.

Our audit identified opportunities to reduce further the reliance on gas for heating and hot water through the future works of installing multiple Air Source Heat Pumps.



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Sustainability performance

We conducted a potential pre-demolition audit of stadium and ancillary buildings to enable future development works. This identified a 90% avoidance of Landfill through organised waste stream management to re-use, repurpose and recycle.

The revised EPC works based upon the installation and future works forecast a overall carbon saving of 124 tonnes of Carbon per year, returning to a MEES compliant C rated building.

Our Credentials



Low
Carbon
Consultant



Harniss team

Adam Alexander – Waste Auditor
Jayna Chauhan – Energy Auditor