

MAYOR OF LONDON

RE: FIT LONDON – Case Study London Borough of Hounslow schools retrofit

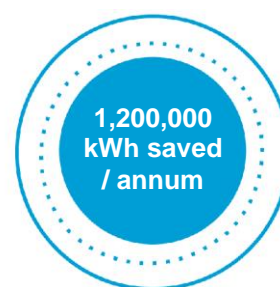
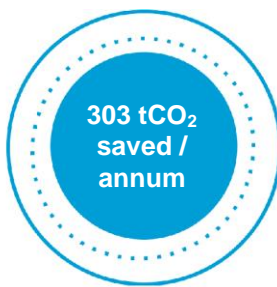


“Retrofitting our schools provides an important challenge for hitting our carbon reduction targets and RE:FIT has provided the route to overcome the barriers to delivery.

Being shortlisted for a number of awards has allowed us to celebrate our achievements whilst recognising the importance of supporting schools with reducing their energy consumption.”

Charles Pipe, Energy Manager

What has the London Borough of Hounslow achieved through RE:FIT London?



The London Borough of Hounslow is the first organisation to utilise the new fast-track RE:FIT schools programme, targeting energy efficiency in at least 72 of its schools.

With RE:FIT, the London Borough of Hounslow has so far installed energy conservation measures across 11 schools, reducing energy use by 1,200,000 kWh per year and saving over £150,000 off their energy bill every year.

Energy conservation measures include:

- lighting replacements for more efficient lights and lighting controls
- optimisation and control strategy improvements for Building Management Systems
- solar panels

The success of this project has resulted in recognition through a number of awards. This includes being shortlisted for the Energy Institute Awards and winning the Energy Efficient Partnership Award at the Energy Awards.

With schools accounting for 70% of its total CO₂ emissions, the London Borough of Hounslow has taken advantage of RE:FIT's guaranteed energy savings, reducing carbon emissions by 303 tonnes of CO₂ per year so far - equivalent to the annual carbon emission of 80 averaged-sized homes.

Get in touch to find out more at refit@london.gov.uk or visit us www.london.gov.uk/refit



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