

# London Borough of Hounslow

## implement decarbonisation measures across 33 primary schools



As part of the Public Sector Decarbonisation Scheme (PSDS), The London Borough of Hounslow Council has been awarded £7,647,689 to implement decarbonisation measures across 33 of its primary schools.

The council declared a climate emergency in July of 2019 and worked to formulate a strategy to tackle the crisis via its climate emergency action plan, which set an ambitious net zero by 2030 target.

Following the discovery that schools accounted for 70% of Hounslow's carbon emissions, the council's Energy Team set out to make its schools the greenest in London.

The funding, provided by the Department of Business, Energy and Industry Strategy (BEIS) and delivered by Salix Finance, has allowed the Council to extend its school-wide energy efficiency programme with a focus on heat decarbonisation.

### Estimated savings for London Borough of Hounslow

Annual savings:



**£250,000**

Total grant value:



**£7.6M**

Annual carbon savings:



**1,264 tCO<sub>2</sub>e\***

\*Calculated using Green Book emissions factors for electricity published by the government.

**For more information...**

Please contact us on **020 4542 6439**  
or **info@salixfinance.co.uk**

[www.salixfinance.co.uk](http://www.salixfinance.co.uk)



**London Borough  
of Hounslow**

**salix**

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a low carbon future



“We are committed to reducing the carbon footprint of children’s learning across the borough and this funding will go a long way in helping us achieve that. Tackling climate change here in Hounslow is vital and we’re committed to getting a head start as we work to reach net zero emissions.”

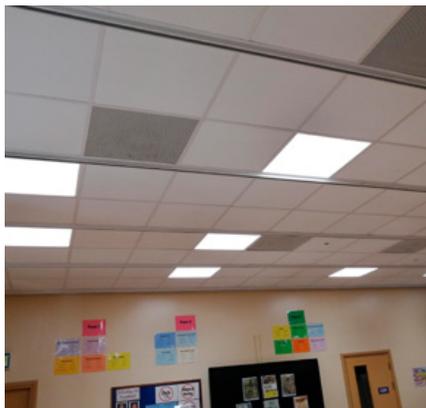
**Councillor Katherine Dunne**, Cabinet Member for Communities and Climate Emergency

## Technical Breakdown

Work commenced with the introduction of electrical infrastructure upgrades and smart metering to ensure that the low carbon technologies were able to run effectively

Following this, air source heat pumps (ASHP) have been implemented across all 33 schools and act as their main source of heating. Introducing building fabric upgrades and piping insulation has helped further reduce emissions and energy costs by limiting heat loss.

In addition, solar PV has been installed across 27 of the schools, with 11 schools implementing LED lighting. Both measures ensure that the electricity consumption from the heat pumps is offset.



## Eco-schools

Hounslow Council is also seeking to increase the efficiency of the staff and student experience by promoting sustainable modes of transportation, reducing waste by increasing recycling rates, and composting food waste.

It is also encouraging students to join the eco-schools programme, which enables them to learn about key environmental topics from biodiversity to energy and global citizenship. The children are also able to partake in activities such as litter picking, planting vegetable gardens, and monitoring the school’s energy and water use.

## Public Sector Decarbonisation Scheme (PSDS)

The Public Sector Decarbonisation Scheme is funded by The Department for Business, Energy and Industrial Strategy (BEIS) and delivered by Salix Finance.

The scheme was made available for capital energy efficiency and heat decarbonisation projects within public sector non-domestic buildings, including central government departments and non-departmental public

bodies in England only, to deliver the following objectives:

1. Deliver stimulus to the energy efficiency and heat decarbonisation sectors, supporting jobs.
2. Deliver significant carbon savings within the public sector.

Further information about the PSDS and further schemes can be found on the Salix website.

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