

The **London School of Hygiene & Tropical Medicine (LSHTM)** benefits from its largest sustainability drive thanks to a £1.2m grant from the Public Sector Decarbonisation Scheme.



LSHTM's sustainability drive

LSHTM has received a £1.2m grant from the Public Sector Decarbonisation Scheme to improve its estate, enhance the use of space across campus and build longer-term resilience throughout its buildings.

As part of the organisation's drive to accelerate the transition away from fossil fuels to alternative energy solutions, the efficiency upgrades will contribute to LSHTM's long-term Energy

and Carbon Management Plan in which the institution has pledged to reach net-zero by 2030.

Part of the upgrades will include the institution's Grade II listed main building, which is almost 100 years old, updating the ageing infrastructure to meet modern environmental standards.

Once complete, LSHTM will benefit from an estimated 300,000kWh saving a year on its energy bill, the equivalent to annual electricity consumption of around 80 homes in the UK.

Estimated savings achieved by LSHTM

Annual savings:
£25,859

Grant value:
£1.2m

Annual carbon savings:
66 tonnes

For more information...

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

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“LSHTM is currently embarking on its largest ever sustainability drive and we’ve pledged to reach net-zero carbon emissions by 2030. This generous grant will accelerate our plans, allowing us to invest in energy-efficient infrastructure and transition away from fossil fuels. As a global health institution, we recognise the harmful impact carbon emissions have not only on the environment, but on human health. We are committed to leading the way to a greener, healthier future by taking significant steps to improve our own sustainability.”

John Starmer, Director of Estates at LSHTM

Technical Overview

- Solar panels will be installed on the building at Tavistock Place.
- Upgrade of old Ultra-low temperature freezers to more energy efficient one.
- Replacement of windows on the external façade of one of the buildings.
- Installation of over 600 efficient low flow taps.
- Updates to ageing infrastructure of 100-year old building.
- New electrical substation with increased capacity, able to take on more heating load.

Benefits

- Upgrades will contribute towards LSHTM’s long-term plan to improve its estates.
- Increase operational efficiency across buildings.
- Improve the use of space and build longer-term resilience across buildings.
- Help to continue to deliver world-class research and education in the coming years.
- Substantial energy savings.

Achieving Carbon Reduction Targets

The University will focus on low carbon heating, increased building energy efficiency, using low carbon electricity and reducing electricity demand to help towards achieving its net zero emissions target by 2030.

Their strategy will consist of the following:

- Develop a space heating policy for LSHTM to outline the heating provision and control strategy and building classification.
- Update engineering standards to achieve higher energy efficiency and lower life-cycle carbon costs of technologies being implemented.
- Continue to purchase renewable electricity long term into the future to support carbon reduction targets.
- Explore low to zero carbon space heating technologies including district heating where suitable.



The Public Sector Decarbonisation Scheme (PSDS)

- The Department for Business, Energy and Industrial Strategy (BEIS) launched the PSDS, which was delivered by Salix, in September 2020.
- The scheme offered £1bn of grant funding for capital energy efficiency and heat decarbonisation projects within the public sector in England.
- Information about the PSDS and further schemes can be found on the Salix website www.salixfinance.co.uk

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