



Salix Finance working with Higher Education Institutes

Salix Finance is a not-for-profit organisation that provides 100% interest-free loans for energy efficiency projects in England, Scotland and Wales. Salix is funded by the Department for Business, Energy and Industrial Strategy, the Department for Education and the Welsh and Scottish Governments.

Since 2006, Salix has worked with almost 100 Higher Education Institutes (HEIs) in England and supported over 4,000 projects. HEIs have utilised over £130 million of funding for energy efficiency projects, estimated to save £35 million and over 130,000 tonnes* of carbon each year.

Salix Funded Projects in HEIs

Salix funding is available for projects which reduce energy consumption across HEI estates. This reduction in energy use will provide both financial savings, used to repay the interest-free loan, and reductions to carbon emissions.

Over 100 energy efficiency technologies are eligible for funding. A range of projects have been completed by HEIs utilising Salix funding, including LED lighting, fume cupboard controls, Combined Heat and Power (CHP) systems and Building Energy Management Systems (BEMS).

The majority of HEIs who have utilised Salix funding have done so over a number of years, enabling long term energy efficiency strategies as they work towards carbon reduction targets.

Top 10 technologies funded within Universities (2014-17)

LED lighting	£15.1m
Combined heat and power	£10.3m
Ventilation and cooling	£2.3m
Heating and hot water	£2.3m
Chiller replacement	£2.1m
Lab upgrades	£1.3m
Lighting controls	£1.2m
VSDs / Motor Controls	£1.1m
Insulation - Pipework	£1.1m
Building Energy Management Systems	£940k

Benefits of Energy Efficiency Projects

The annual energy bill for English HEIs is over £350m, and therefore significant financial benefits can be seen by investing in measures to reduce consumption.

With HEIs having set ambitious carbon reduction targets to be met by 2020, energy efficiency projects also form a crucial part of any good strategy for reducing carbon emissions and working towards these targets.

Many energy efficiency projects can also result in improved working and learning environments, reduced ongoing maintenance costs and improvements to existing building stock.

Project Assessment & Funding Allocation

Applications for funding are technically assessed to ensure estimated savings are reasonable.

Funding is allocated based on financial payback on funding requested and value for money on estimated carbon savings.

Repayments

The loan will be paid back to Salix by direct debit on a 6 monthly basis over a period of 5 years.

Five simple steps to apply

- 1 Go to the Salix website salixfinance.co.uk/loans/HEI
- 2 Download the HEI Application Form
- 3 Submit the application online
- 4 An automated email is sent to the authorising official
- 5 Application assessed and decision made typically within two weeks

To apply, for more information, or to arrange a meeting please contact Universities@salixfinance.co.uk

Top Ten HEIs by Total Completed Projects

Value (£)

The University of Liverpool	£11,338,513
University of Bradford	£5,166,300
University of Manchester	£5,071,831
University of York	£4,491,046
University of Birmingham	£4,050,034
University of Surrey	£3,918,404
Nottingham Trent University	£3,608,173
The University of Nottingham	£2,997,958
University of Warwick	£2,525,719
Manchester Metropolitan University	£2,323,982

University of Nottingham



The University of Nottingham has worked with Salix on many occasions since 2009. The University utilises a Revolving Green Fund, jointly funded by Salix and HEFCE, which was set up in 2009. Alongside this, they have used Salix interest-free loans and funding from Salix/HEFCE joint funded Revolving Green Fund 4 (RGF4).

So far, the University have invested almost £2.9 million of funding to enable 75 energy efficiency projects. The projects are estimated to save over 3,700 tCO₂e* per year with predicted annual financial savings of over £800,000.

The University has completed a wide variety of projects, including building fabric insulation, lighting controls, ventilation system upgrades and high-efficiency chillers.

“Using the three streams of Salix funding we have been able to invest in energy efficiency technology across our whole campus. We have completed lighting conversion and control projects and upgraded the boiler which services the main campus. At the Medical school we have recently completed the chiller replacement project which alone will save us over £237,000 annually.”

Martin Oakes, Carbon Reduction Manager at the University of Nottingham

Estimated savings made by University of Nottingham

Total loan value	Annual £ Savings	Annual carbon savings	Project Payback
£2,997,958	£811,726	3,780 tonnes	3.5 years

*Calculated using emissions factors published by government in 2017 for carbon footprinting purposes