

The Lincoln College Group used their **Salix 100% interest-free loan** of £704,849 to substantially reduce their carbon emissions by completing LED lighting upgrades across their campuses. This is how they did it.



Project overview

The Lincoln College Group was looking to improve their learning environment as well as drive down energy costs and reduce carbon emissions.

To do this, they carried out major lighting upgrades in 23 estate buildings across their three campuses. The works involved the replacement of over 7,000 inefficient fluorescent bulbs and fittings with more reliable and efficient LEDs.

In addition to estimated carbon savings of over 605 tonnes* per annum, the projects will also save the college group over £165,000 annually in energy bills. The college group will be able to repay the loan using these savings in under 5 years.

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



“One of the main benefits of this project has been the significant energy and carbon savings. Outside of the financial, carbon and reduction in electricity usage, we are also benefitting from improved lighting levels within teaching spaces and corridors, creating a lighter and brighter teaching environment for students and staff”

Rachel Newton, Group Head of Infrastructure, Facilities and Estates at Lincoln College

Estimated savings made by Lincoln College Group

Annual £ Savings	Lifetime £ Savings	Total Loan Value	Loan Payback
£165,274	£3,305,480	£704,849	4.26 years

To apply, or for further information on funding please contact colleges@salixfinance.co.uk

Working with Salix

Project development

Developed project following information provided at Salix regional meeting

Utilised Salix' reservation of funding whilst project went out to tender

Looking for quick projects with high return for investment

Developed project with support from existing Salix recycling fund client

Technical overview

Replaced internal T12/T8 florescent lighting with new LED luminaries including new fitting

Eight month completion time

Annual kWh savings of over 1.5 GWh

70% reduction on lighting energy consumption

Benefits & the future

Lower maintenance costs as bulbs will be changed less often

New LEDs provide a better lighting environment for students and staff

The group have plans to use Salix interest-free loans on future IT and boiler replacement projects

How can Salix help your college?

- ✓ The College Energy Fund was set up in partnership with the EAUC and is supported by the Association of Colleges.
- ✓ Salix is able to fund programs of work spanning multiple years.
- ✓ The FE funding support team is available to provide clients with support and information throughout all stages of application and project development.
- ✓ Salix supports the installation of over 100 technologies by providing interest-free finance.

Five simple steps to apply:

- 1** Go to the Salix website salixfinance.co.uk/loans/Salix-College-Energy-Fund
- 2** Download and complete the Salix compliance tool
- 3** Submit the application online
- 4** An automated email is sent to the authorising official to confirm the loan application
- 5** Application assessed and decision made typically within two weeks

Access Salix loans for your organisation, by logging onto:
salixfinance.co.uk/loans/Salix-College-Energy-Fund

Available as a downloadable PDF at:
salixfinance.co.uk/knowledge-share/case-studies