

Shrewsbury Library



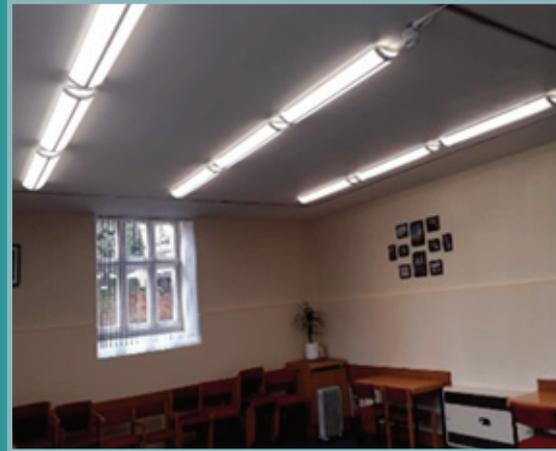
Key facts

Location: Shrewsbury Library

Grant recipient: Shropshire Council

Purpose: Shrewsbury Library is a stone constructed building in the center of Shrewsbury, originally constructed to house a school but has been used as a museum and library since 1882.

Installation of LED lighting and advanced controls, replacing existing T8 switch start fluorescent fittings with manual switching.



Energy efficiency measure: LED lighting

LED Lighting – Light emitting diodes, also known as LED technologies, offer better working conditions through optimised luminaries, flexible lighting control and improved use of daylight.

Presence detection added in certain areas of the building

Predicted energy saving: 37,414 kWh

Anticipated cost saving = £5,275/yr

CO2 savings/yr: 8.72 tCO₂e

Financials

System Cost: £84,887.50

Funding: 60% ERDF Sustainable Energy in Public Buildings
40% Shropshire Council Capital funding

Predicted payback to Council: 6.52 years

For further information

The Sustainable Energy in Public Buildings (SEPuBu) is a ERDF funded Grant scheme for innovative low carbon measures in public buildings across the Marches.

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