

# Epsom and Ewell's solar powered spaceship

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Epsom & Ewell Borough Council has recently installed solar panels on the roof of Bourne Hall, and secured funding from the Public Sector Low Carbon Skills Fund to develop a heat decarbonisation plan for the Ewell Village community venue. These works are part of a planned programme of measures to decarbonise Bourne Hall.

This is part of the council's Climate Change Action Plan which has set an ambitious target for the council to be carbon neutral by 2035.

Bourne Hall uses the most energy out of all the council's buildings. The 52.2 kWp solar panel system will generate 45,000 kWh of electricity, covering 25% of Bourne Hall's electricity usage, and saving more than 9 tonnes of carbon each year. The panels will save Bourne Hall around £15,000 annually in costs which can then be invested back into services for the community.

The Low Carbon Skills Fund is run by the Department for Energy Security and Net Zero and is delivered by Salix.

Funding for the heat decarbonisation plan will enable the council to develop a detailed understanding of the different ways in which energy efficiency of this building can be improved, including decarbonising the heating system.

Windows are also scheduled to be replaced with double glazing next year, part funded by the UK Shared Prosperity Fund.

Bourne Hall is a Grade II listed building, situated in the heart of the historic Ewell Village with Hogsmill River running nearby. Set in a picturesque setting, Bourne Hall has function rooms, facilities and services that the public and businesses can hire including an exhibition space. It also hosts Bourne Hall Museum, and Ewell Library which is run by Surrey County Council.

Councillor Liz Frost, Chair of the Environment Committee said: "We are passionate about our Climate Change Action Plan and take our responsibilities seriously. Changes and initiatives over the last four years has seen the council's operational carbon footprint reduce by 14% since the council first began to measure it in 2019.

"Bourne Hall is an important hub for our community, and the installation of solar panels and the development of a robust heat decarbonisation plan is just part of a series of works that will make this picturesque and historical landmark more sustainable for future generations and help continue Epsom & Ewell Borough Council's drive to be carbon neutral by 2035."

Programme manager at Salix Christopher Masters said: "We are delighted to support Epsom & Ewell Borough Council in its net zero journey. Having a robust heat decarbonisation plan is a very important step in this process.

"We are looking forward to seeing what the plan will come up with and how the council will move forward as it continues to meet the ambitious net zero challenges."

More information about Climate Change Action Plan progress can be found here - [Climate Change | Epsom and Ewell Borough Council \(epsom-ewell.gov.uk\)](#)