

Shropshire Council

Supporting targeted energy efficiency and public sector compliance.



Shropshire Council's vision, as set out in its Sustainability, Environment and Climate Change Policy, is to stabilise and progressively reduce its environmental footprint. The Council recognises its responsibility to remain compliant with energy regulation and to reduce its energy consumption.

A streamlined and efficient service

Zenergi has been managing the provision of Display Energy Certificates for Shropshire Council for over 10 years.

The partnership ensures that the Council remains compliant with the mandatory energy regulation, with Zenergi taking care of the annual surveys and reports for 83 sites, in addition to carrying out 10-year certificates when required.

Zenergi provides a streamlined and efficient service for the delivery of Display Energy Certificates for the Council that not only ensures its public bodies meet their regulatory obligations, but also helps to identify opportunities to enhance building energy efficiency to reduce costs and the carbon footprint of each site.

Supporting net zero ambitions

Shropshire Council is working towards becoming carbon net-neutral by 2030 and assisting in the ambition for Shropshire as a whole to become carbon net-neutral in the same year.

To support the programme, Zenergi identified opportunities to reduce heat loss and improve energy efficiency within Shrewsbury Museum and Art Gallery.

Zenergi carried out a thermography inspection to provide thermal imaging analysis of the building. Infrared thermography inspections identify the thermal patterns detected in a building to help building managers prioritise maintenance, repairs and upgrades of the building, based on areas of heat loss identified.

Thermal imaging for building inspections detects moisture and water damage, energy loss and insulation issues, electrical problems and overheating, structural defects and pest infestations.

Using infrared cameras that see the radiated heat of equipment and infrastructure in real time, Zenergi carried out a detailed analysis of the building.

The main areas of heat loss were identified as the front door, the single

glazed windows and the valves in the plant room.

The service included a report detailing the findings, providing Shropshire Council with documented evidence to support targeted energy efficiency investments.

A thermography inspection helps to prioritise maintenance, repairs and upgrades of buildings, based on areas of heat loss identified.



We have a streamlined service with Zenergi to allow us to maintain a rolling DEC programme across our schools and buildings, keeping it simple, to keep costs down.

In addition to the provision of our DEC's, having the support of Zenergi for projects such as the identification of heat loss in our buildings is very valuable and is helping us in the achievement of our net zero ambitions.

Cameron LeGallia-Pound
Energy Officer
Shropshire Council