

## NET ZERO SUFFOLK CASE STUDY

St. Mary Magdalen Church Hall received a free carbon footprint and a net zero report by Groundwork East, funded by Suffolk County Council.

Officially opened and blessed by the Bishop Leo Parker, Bishop of Northampton, in 1963, St. Mary Magdalen Church Hall in Ipswich, is located in a residential area of the town, and as well as being used for church related activities is a community asset and is hired out to other users on a regular basis.



*"A very useful report and will definitely assist with informing our decision about a replacement heating system for the hall as well as enabling me to field any questions that might come out of the 'Dragons Den' grant event."*

**Chris Croker**  
**Parish Treasurer**

### Premises Carbon Footprint

2023 carbon footprint calculated at 2.5tCO<sub>2</sub>e  
(Scopes 1 & 2 and associated Scope 3 emissions)

### Energy Efficiencies

Potential for up to around 45% carbon emissions reductions, including;



#### Building fabric enhancements

Retro-fitting cavity wall insulation with estimated savings of 0.2tCO<sub>2</sub>e.



#### Heating System Upgrade

Options to either replacing hall gas heaters with Infrared heaters or Air Source Heat Pump (ASHP).



#### Solar PV and Battery

Solar panels estimated savings of 0.2tCO<sub>2</sub>e with a matched battery storage system a further 0.2tCO<sub>2</sub>e.

**Interested in this free support?**

**Get in touch via:**

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