

NET ZERO SUFFOLK CASE STUDY

Hadleigh Community Primary School received a free carbon footprint and a net zero report by Groundwork East, funded by Suffolk County Council.

Hadleigh Community Primary School first contacted Groundwork as part of the Net Zero Suffolk support service, an environmental contract being delivered by Groundwork in the region. They wanted to investigate ways to improve their energy efficiency and, following conversations with our Sustainability Consultants, it was decided that the school would benefit from an energy audit.



✓ Roof Insulation

Upgrading the roof insulation to modern standards was estimated to save of 16.3tCO₂e.

✓ Double Glazing Upgrade

Upgrading the remaining single glazed windows to double glazing in the old school could result in estimated savings of 0.8tCO₂e.

✓ Heating System Upgrade

One of the new outer buildings already benefitted from an Air Source Heat Pump (ASHP) so the neighbouring new outer building appeared a good candidate for the same heating system.

✓ Solar PV and Battery

The school already benefitted from solar panels which were installed in 2012. There was still viable roof space available for new, modern solar panels. It was estimated that additional solar panels could save 1.4tCO₂e and a solar battery could save a further 0.6tCO₂e.

"It has been really helpful to have the impartial advice from Groundwork's consultants to support us to work out what's right for us and what steps we can take to reduce our energy costs and emissions"

Mrs Jackie Kitchener,
School Business Manager



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Hadleigh Community Primary School's Net Zero Plans



✓ **Scope 3: Waste**

They will evaluate their waste streams to check how these could be reduced, and whether they can increase how much waste is recycled/composted.

✓ **Scope 3: Transport Emissions**

They will encourage their staff and visitors to walk, cycle, and car share when attending the chapel. They will also encourage low emissions transport by informing staff/visitors of local EV charging stations.

✓ **Scope 3: Procurement Plans**

The chapel will evaluate their procured items for more local/seasonal alternatives. They will also check their supplier's sustainable values/green credentials to understand the sustainability of their supply chain.



Hadleigh Community Primary School obtained their free carbon footprint and net zero report in May 2023, and are now focussing on their net zero pathway.



Interested in this free support?

Get in touch via:

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