

Nayland Primary School – Biomass Boiler

As part of Suffolk County Council's Woodfuel Project, the ageing oil heating system at Nayland Primary School was replaced with a more environmentally friendly biomass system. The old boiler, oil tank and boiler room pipework were removed and the oil tank room was converted for use as a wood fuel hopper.

A 100kW wood chip boiler was installed together with new pipework and a 1500 litre buffer tank to ensure the system can respond quickly to changing demand for heating.

Both environmental and financial drivers played a part in advancing this project. Grant funding was obtained through the Sustainable Development Fund via the Dedham Vale AONB (Area of Outstanding Natural Beauty) project. This, along with the long-term fuel cost savings provided justification for the additional initial investment required. The installation of the wood chip boiler is expected to save around 150 to 200 tonnes of CO₂ over a five year period.

