

# SANDWICH TECHNOLOGY SCHOOL, KENT

# WIND TURBINE

Installation date: December 2007

Project value: £32,334

Grant value: £9,000



## Project background

Sandwich Technology School for 11-18 year olds has specialist Technology College, Vocational and Training School status. Technology Colleges offer enhanced learning opportunities beyond the National Curriculum in Maths, Science, Technology and Information Communications Technology.

Most of the children come from the villages surrounding the town and the school is central to a very distinctive rural area of Kent. The school has achieved a 'Green Flag' Eco-School certificate as a result of its environmental initiatives, which include the installation of waterless urinals and commercial collection of recycled paper. Funding has recently been obtained for the development and implementation of a nature area.

The benefits of solar panels were investigated at length but it was agreed that a wind turbine would be the most efficient way to promote sustainability and generate power, as well as providing a good return on investment.

## Application process and grant claim

With help from their chosen supplier, Sandwich Technology School completed the grant application form, gained planning permission and secured funding. The supplier also helped with the process of claiming Renewable Obligation Certificates (ROCs), which will make the project more economical in the long term.

## The installation

A 5.0 kWp freestanding turbine was installed in December 2007, which generates around 8,700 kWh of electricity each year. This information is prominently displayed on an electronic A3 panel in the school reception area.

Staff are delighted with the turbine; it acts as a visual reminder to students and visitors that the school is promoting an environmentally friendly way of life and encourages others to follow suit.

"We think our wind turbine is fantastic, but there is no way we would have been able to afford it without grant funding from the LCBP Phase 2.

Apart from the fact that it saves us money and reduces our carbon footprint, we love the way it makes us unique.

All our visitors comment upon it, and it gives us a chance to engage in a bit of eco-campaigning!"

**Susan Hibberd**, Eco-Schools Co-ordinator

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