



Case Study - Robin Hood Junior School

Sutton schools lead the way:

Pupils at Robin Hood Junior School are harnessing the power of the Sun by having solar photovoltaic (PV) panels installed. The panels will be a valuable tool to educate the children about global warming and what we can do to reduce it. They will also be visible to the local community and the school's neighbours may be encouraged to get their own!

The school received funding of £3,589 from the EU through Sutton council, £4,200 from the Photovoltaic Major Demonstration Programme and support from the Renewable Energy Action for London (REAL) initiative to install the system. The school and the nursery contributed over £1,300 to the installation.

Carbon free energy

The 1.5kWp PV system mounted on the roof will generate 1200kWh of electricity per annum for use in the school, with surplus electricity being sold to the National Grid. It is estimated that use of the photovoltaic panels will result in 516kg of carbon dioxide emission savings each year. A display unit allows pupils, visitors and teachers to monitor energy production and carbon dioxide savings.

Leading by example

Colin Hall, lead member for the environment at Sutton council, said: "We cannot continue to burn the planet's resources of coal, oil and gas, polluting the air with harmful gases, with all the risks of global warming that this entails. We need to commit ourselves to a more sustainable future by using free, clean energy from the Sun instead of relying on limited and expensive energy resources such as oil and gas." Robin Hood Junior School helped to share the knowledge and benefits of having solar panels at a high profile launch event in autumn 2005.

Key Points

Technology

1.5kWp grid connected photovoltaics (PV) system

Funding

**PV MDP
Robin Hood Junior School
Sutton Council**

Collaborators

**Robin Hood Junior School
Sutton Council
Renewable Energy Action
For London (REAL)
Chiltern Future Energy**

Want to know more?

Residents and community groups can seek support for installing renewable energy in homes or public buildings by contacting the REAL project team on 020 8683 6683.

**Robin Hood Junior School
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