



# Case Study - Robin Hood Infant School

## Sutton Schools Lead the Way:

Pupils at Robin Hood Infant School and Thomas Wall Nursery are harnessing the power of the sun by have solar photovoltaic (PV) panels installed. The panels were installed on the roof of Thomas Wall Nursery which is adjacent to Robin Hood Infant School and both buildings share the electricity.

The school and the nursery received funding of £3,589 from the EU through Sutton council, £4,200 from the Photovoltaic Major Demonstration Programme (PVMDP) 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.

## A no-carbon technology

The 1.5kWp PV system mounted on the nursery 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 the way

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 Infant and Thomas Wall Nursery shared the knowledge and benefits of having solar panels at a high profile launch event in the autumn of 2005.

PV Installation  
Robin Hood Infants School  
May 2005

## 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.

### Key Points

**Technology**  
*1.5kWp grid connected photovoltaics (PV) system*

**Funding**  
*PV MDP  
Robin Hood Infant School  
Sutton Council*

**Collaborators**  
*Robin Hood Infant School  
Sutton Council  
Renewable Energy Action  
for London (REAL)  
Chiltern Future Energy*

Creative Environmental Networks, Ambassador House  
Brigstock Road, Thornton Heath, CR7 7JG  
Tel: 020 8683 6683 Fax: 020 8683 6601  
Email: real@cen.org.uk Web: www.cen.org.uk

