

## Energy Saving Projects in South West Wiltshire

The following are examples of energy projects in South West Wiltshire. The Carbon Management Plan has enabled investment across the county in a range of projects on the council's own buildings and estate. As part of this large programme the following 'invest to save' projects have been implemented.

### **Invest to save projects**

#### Lighting upgrades

Lighting upgrades took place at Wilton Park & Ride in 2012. This involved changing to modern energy efficient lighting and installing motion detectors where appropriate, to ensure lighting is only in use when needed.

#### Boiler replacement

Wilton Depot has undergone a boiler replacement, upgrading the inefficient gas boiler to a modern high-efficiency boiler.

<b>Project</b>	<b>Annual saving (£)</b>	<b>Annual CO<sub>2</sub> saving</b>	<b>Year completed</b>	<b>*Total savings to date (£)</b>
Wilton Depot boiler replacement	£1,300	12	2011	£5,100
Wilton Park and Ride – lighting upgrade	£80	0.5	2012	£240

\*Represent estimated full year savings since completion

### **Biomass heating programme**

Since 2013 the Council has invested in an ambitious programme of biomass boiler installations, with a target to convert twelve schools which were previously heated by oil.

St Johns Primary School in Tisbury was one of the first to benefit. The new boiler runs on wood fuel pellets. This fuel is sustainably sourced in the UK, thereby contributing to local energy resilience and carbon reduction.

The installation is also generating income through the government's 'Renewable Heat Incentive' which pays a tariff back to the council for the next 20 years of operation. Wiltshire Council will continue to own and maintain the boiler and manage the fuel supply. The heat is sold to the school at a competitive rate, helping to keep heating costs down.

A biomass boiler is also currently being installed in the Tisbury Community Campus development.

### **Other projects**

#### Collaborative Low Carbon Schools Service

Wardour Catholic Primary School was among those selected to work on a Collaborative Low Carbon Schools Service pilot project in 2011/12. The programme was developed by the Carbon Trust to support local authorities and schools to work together to achieve effective school carbon management. An energy audit was undertaken at the school which enabled recommendations to be made on the energy saving measures that could be implemented. Wiltshire Council worked in partnership with ten schools in the county to help reduce their carbon emissions and energy costs.

### Sustainable energy across the common space (SEACS)

South Wiltshire Green Doors is a project of the Wilton Community Land Trust. It began with a pilot event in 2013, with support from Wiltshire Council through the SEACS project, and additional funding from DECC (Department of Energy and Climate Change). This was the first major initiative of its kind in the county; a weekend where 10 home-owners welcomed 250 visitors to share their experience of energy retrofitting.

Following its success a further Green Doors weekend was held in May 2014, with 16 properties opening their doors to the public. This is a concept that has now been replicated in other parts of the county.

South Wiltshire Green Doors: <http://wiltshiregreendoors.org.uk/>