



Organisation	The Shrewsbury and Telford Hospital NHS Trust
Category	Energy
Please detail your project below	<p>We have reviewed the set points on our building management system, adjusting the temperatures and operational times and this has resulted in a reduction in our heating and has produced a saving of £12k a month saving through reduced gas bills.</p> <p>Over the past year we have opened several new buildings including a new Lingen Davies Cancer and Haematology Centre at the Royal Shrewsbury Hospital and a new Women and Children’s Unit at the Princess Royal Hospital. Both buildings have incorporated many eco-friendly features.</p> <p>The Cancer and Haematology Centre incorporates low energy lighting and natural ventilation with patients being able to control the air flow in their own treatment area. We have installed passive ventilation using a central atrium and light box which doubles as a mechanism to bring natural light into the deeper parts of the building. (please see attached document with photographs)</p> <p>The heating plant within the Women and Children’s Centre has been connected to the existing boiler house and has been designed to enable future conversion to alternative heat sources which will be more efficient than the current set up. This is part of our long term strategy to reduce the carbon footprint of the site. The building also includes heat pumps with heat recovery on the ventilation system and every room is individual controlled for its heating needs. The building includes high levels of insulation resulting in significantly reduced levels of energy demand.</p> <p>We have recently started a scheme to replace all current external car park lighting at PRH with LED lighting; this will give much improved lighting levels and reduced energy and carbon emissions. We also have started a phased roll out of LED lighting internally at PRH, which will not only reduce our energy usage but also reduces maintenance requirements and hazardous waste disposal.</p> <p>We have and are continuing to installing motion sensors in low usage areas.</p>
How has your project improved sustainable development within your organisation or community setting?	We have seen a reduction of energy consumption, as well as ensuring that all new buildings within the Trust incorporate eco-friendly features.
What role does sustainable development play within patient and staff services within your organisation?	Staff are working across the Trust to deliver better outcomes for our patients and local communities by reflecting the principles of sustainable development. By working collectively with our patients and local communities we endeavour to improve our environment, patient experience and ensuring our staff and patients are well informed and engaged on sustainability.



Who has led the way on sustainable development within your organisation?	The Trust has a lead director for sustainability (Director of Corporate Governance) and sustainable development is one of the Trust's corporate objectives of 2014/15. In March 2014 the Trust Board approved the Sustainable Development Management Plan and action plan which underpins our work around Sustainable Development.
---	--

First Image	http://www.nhssustainabilityday.co.uk/ie/wp-content/uploads/formidable/Lingen-Davies-Centre.ppt
--------------------	---
