



Organisation	Great Ormond Street Hospital for Children NHS Foundation Trust
Name	Energy
Job Role	<p>Great Ormond Street Hospital NHS Foundation Trust (GOSH) has made great progress in reducing its energy demand in the past year. The headline figure is a 14%, weather corrected reduction in total energy demand compared to 2013/14. This is for the first 10 months to January 2015.</p> <p>Our Scope 1&2 carbon footprint is also 14% lower than the first 10 months of 2013/14.</p> <p>Involving the hospital community in energy reduction</p> <p>The programme of energy saving activity this year started on NHS Sustainability Day 2014 with a very successful poster and screensaver campaign. We had a series of five sustainable action pledges from five of the most senior members of staff which were converted into posters and over 200 were placed around GOSH buildings. They were also set as GOSH's default screensavers for the week leading up to NHS Sustainability Day 2014. The campaign was very well received and we saw an immediate 8% reduction in electricity consumption the following month.</p> <p>This was followed up in April with the launch of our Carbon Culture online community platform, displaying our building level electricity consumption on a public website. We also placed a widget on the Trust's website which gives a site-wide view of our daily electricity consumption and its cost as well as the associated carbon footprint.</p> <p>We have recently increased the scope of our Carbon Culture page to include a communications platform capturing sustainability activity and stories that are going on across the hospital. This tool is designed to help the GOSH community share experiences with the wider Carbon Culture community, identifying practical ways to use resources more efficiently.</p> <p>The Carbon Culture platform also supports our on-going behaviour change campaign. We have appointed Global Action Plan, the team behind the hugely successful Operation TLC campaign at Bart's Health NHS Trust to tailor a version that is suitable for a children's hospital environment. The campaign is currently at the design stage and will be launched on NHS Sustainability Day 2015.</p> <p>Technical improvements</p> <p>Behind the scenes we have been working hard to optimise our primary and secondary plant with great results. We have focused on optimising our Energy Centre and have managed to improve our Combined Cooling, Heating and Power (CCHP) annual electrical output by 15% and utilised heat output by over 100%. The CCHP will now save the Trust over half a million pounds this year.</p> <p>Furthermore, we have worked with our Building Management System (BMS) supplier to optimise our BMS across the site. The biggest improvement has been in the controls to our boilers, which have used a massive 35% less gas compared to the previous year.</p> <p>We learnt valuable lessons by going through an Energy Performance Contract Investment Grade Audit which has led us to proceed with a large programme of LED lighting replacements and a solar PV array which will be the basis for next year's reductions.</p>
Email Address	The energy saving projects for 2014 at GOSH addressed each of the three of the pillars of



sustainable development; our society, our finances and our environment. We have delivered cost savings of over £300,000 compared to the previous year on our utility bills. We have reduced our impact on the environment, local air quality and the problematic London micro-climate by cutting our overall energy consumption and carbon footprint by 14%, significantly reducing the heat rejection from our CCHP system and running our boilers less frequently. Finally, our behaviour change strategy and online presence is promoting the importance of sustainability and is poised to inspire staff, reduce the barriers to behaviour change and provide practical solutions for minimising energy use across our operations.

Phone Number

Our guiding principle at Great Ormond Street Hospital NHS Foundation Trust (GOSH) is “the child first and always”, which is why we care about our environmental impact. We believe that the health and well-being of the population is closely linked to environmental issues and climate change is even more significant in the context of child health. We are committed to providing world-class healthcare whilst being environmentally responsible. We are making improvements to our buildings and processes, and helping our staff to take actions to create the best surroundings and service for our patients and staff. We aim to be world-class in our energy and water use and to limit the waste we produce, creating a healthier world for generations to come.

The sustainability team at Great Ormond Street Hospital NHS Foundation Trust (GOSH) teamed up with their award-winning arts programme, GO Create! and the House of Illustration to create a Sustainability-themed artwork. The artwork is being unveiled on NHS Sustainability Day 2015 in a prominent hospital setting to promote the importance of sustainability to child health.

We are currently in the process of upgrading over 1,000 lights across the hospital to reduce our electricity cost, reduce our carbon footprint and to improve the patient experience by provided a brighter environment.

Our catering department are in the process of undergoing Soil Association accreditation to improve the catering provision to our patients and minimise the environmental impact of the service.

Category

Board Lead – Matthew Tulley, Development Director
 Strategy Lead – Sustainable Development Management Committee
 Sustainability Action Group:
 Energy Manager – Brendan Rouse
 Waste Manager – Carol Mitchell
 Project Manager – Will McCready
 Communications lead – Louisa Desborough

Please detail your project below

<http://nhssustainabilityawards.co.uk/wp-content/uploads/formidable/Slide2.jpg>

How has your project improved sustainable development within your

<http://nhssustainabilityawards.co.uk/wp-content/uploads/formidable/Energy-Graph.pdf>



organisation or
community setting?

What role does
sustainable development
play within patient and
staff services within your
organisation?

<http://nhssustainabilityawards.co.uk/wp-content/uploads/formidable/Online-Energy-Profile-Image.pdf>

Who has led the way on
sustainable development
within your organisation?

<http://nhssustainabilityawards.co.uk/wp-content/uploads/formidable/Online-Sustainability-Platform.pdf>

First Image

Second Image

Third Image

Fourth Image
