

Energy Challenge reduces consumption across Trust sites

In 2018, Nottinghamshire Healthcare NHS Foundation Trust utilised a new innovative platform, EDI_Net, to run their annual energy campaign. The aim was to build on previous years' successes and maximise energy savings across the Trust.

Nottinghamshire Healthcare
NHS Foundation Trust

Energy Challenge

Action

The Trust is the only healthcare partner involved in EDI_Net and being an early adopter of the technology, were able to be directly involved in its development which they found very rewarding.

The Energy Challenge was launched to 16 sites in October 2018. During the 12 week Challenge, sites received weekly emails with updates about energy conservation achievements and useful hints and tips were provided to help sites to continually improve.

Background

Every year for the last four years the Energy and Environment Team has held the 12 week long Energy Challenge through the winter months,



2017 winners – 70 Portland Street

with the aim of reducing consumption, saving pounds and reducing carbon emissions.

Sites chosen to participate are where good/reliable data is available. This allows changes in consumption patterns, which result from either staff behaviour changes or technological solutions and/or interventions to be easily identified.



Achievements

For the three years that the Energy Challenge has been in place, an average reduction of 2% in electricity and 4% in gas use has been achieved as a direct result of the actions of the campaign. This translates into a saving of £1,500 on energy bills and more than 5,000 kg of carbon during the 12 weeks. In 2017, the winning site 70 Portland Street saved 1.4% on electricity and 11% on gas throughout the winter months.

As well as direct improvements to energy consumption the Energy Challenge has also led to better staff engagement and awareness of environmental issues. Many sites have been consistently involved in the Energy Challenge and staff have come to look forward to taking part. It is hoped that the increased engagement potential for EDI_Net will enable further reductions.

Pictured: (L) Iain Patton (CEO EAUC), The Energy and Environment Team (R) Professor Lord Robert Winston.

With the planned improvements to the Trust's energy sub-metering capability, an objective contained in the Board approved SDMP, the Energy and Environment Team hope to expand the Energy Challenge to all of our 40+ freehold sites. The savings from which have been projected to be £16,363 in electricity and £117,921 in gas each year.

Award winning

The Trust were delighted to win the Water and Energy Category at the Sustainable Health and Care Awards 2018 for work using EDI_Net.