

OUR PLEDGE

To reduce our carbon emissions

Why does this matter?

The NHS is committed to reducing its carbon emissions in line with the UK Climate Change Act introduced to ensure the UK cuts its carbon emissions by:

80% ↓ ↓ ↓ ↓ ↓
by 2050 ↓ ↓ ↓ ↓ ↓

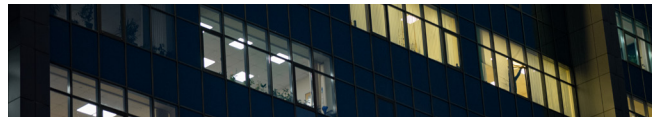
The NHS is the largest public sector emitter of carbon emissions and has a duty to respond to meet these targets which are entrenched in law. A key milestone is contributing to the Climate Change Act target with:

34% Reduction in carbon emissions by 2020

A Sustainable Development Strategy for the Health, Public Health and Social Care System 2014-2020 was launched in January 2014. It describes the **vision for a sustainable health and care system** by reducing carbon emissions, protecting natural resources, preparing communities for extreme weather events and promoting healthy lifestyles and environments.

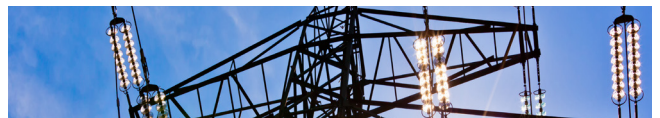
Where are we now?

In conjunction with Inenco, we have launched an Energy Optimisation Programme this year to drive energy efficiency across the estate. We have already seen results in some of our properties.



Reductions in overnight energy consumption

Our work to drive reductions in overnight energy consumption by implementing shutdown procedures has already led to savings at Uppermill Health Centre, where **a reduction of 30% has already been achieved at the site.**



TRIAD warning system

In advance of winter we established a TRIAD warning system via Inenco and our Zone Energy Leads. This meant that we could **reduce energy consumption when demand on the grid and cost of the energy was at its highest.**

What is our goal?

Our goal is to drive local and national energy reduction programmes, improve our data collection and quality, and secure more competitive utility prices over the next three years. Specifically, we are targeting:

A contribution to the wider
34% in carbon
reduction emissions

To rely on estimated
invoices across only **5%**
of electricity & gas

Top Tips: How you can reduce your carbon emissions

- As we come into summer, review your thermostat and lighting to reflect the increasing temperatures and daylight.
- Drive down overnight energy consumption in your place of work by turning off lights, computer monitors and printers.
- Monitor your energy use and report and fix any faults in your home or office that could cause unnecessary energy consumption such as:
 - Over heating/cooling of a space on a consistent basis.
 - Broken or badly controlled heating and cooling equipment.
 - Broken or poorly fitting windows.
 - Dripping taps.
 - Heating equipment and pipework that is not insulated.

How are we going to get there?

We have a detailed energy strategy to drive energy efficiency over the next 3 years. We aim to drive energy use reductions by:



Building a solid understanding of our energy data and improve data availability to help us pin point opportunities to improve.



Targeting energy efficiency through the development of capital investment projects and operational improvements.



Installing local generation and renewable energy sources where feasible from 2020 onwards.



Recruiting and maintaining energy champions to develop and promote good energy practices at local level and contribute to our energy management strategy.



Targeting sites with high overnight (outside of opening hours) consumption to drive reductions using shut down procedures.



Reducing non-commodity costs, such as those associated with TRIADs (peak winter demands).

We are also working with our utility suppliers and finance teams to ensure:



Our metered data is as accurate and robust as possible.



We are achieving the best value for the commodities we purchase.



The meters at our sites are suitable for the needs of the site and looking for opportunities to install.