



Carbon Reduction Plan

Supplier name: NHS North of England Commissioning Support Unit

Publication date: 30th September 2021

Commitment to achieving Net Zero

NHS North of England CSU is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2017/18	
Additional Details relating to the Baseline Emissions calculations.	
<p>We have used the Greening Government Commitment reporting guidelines to calculate most of these emissions.</p> <p>Emissions related to energy use and waste across our corporate estate have been calculated using the best available usage data. Where information was not available, estimates have been made based on the information held.</p> <p>Upstream transportation and distribution include gas and electricity well-to-tank (WTT) emissions and transportation and distribution (T&D) losses for electricity use. WTT figures associated with business travel and T&D losses for electric vehicle charging are also included here.</p> <p>Business travel includes car/private vehicles, rail and air travel. Information isn't currently available to estimate business travel carried out by underground, bus, taxi, ferry or other modes of public transport.</p> <p>Employee commuting has been estimated using the Office for National Statistics annual national travel survey.</p>	
Baseline year emissions: 2017/18	
EMISSIONS	TOTAL (tCO₂e)
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased vehicles	382

Baseline Year: 2017/18														
Scope 2 - Direct impact e.g., electricity consumption	568													
Scope 3 - Indirect Impact (Included Sources)	<table border="1"> <tr> <td rowspan="7">1,346</td> <td>Gas well-to-tank</td> <td rowspan="5">719</td> </tr> <tr> <td>Electricity T&D losses</td> </tr> <tr> <td>Electricity well-to-tank</td> </tr> <tr> <td>Business travel well-to-tank</td> </tr> <tr> <td>Electric vehicle T&D losses</td> </tr> <tr> <td>Waste</td> <td>4</td> </tr> <tr> <td>Business travel</td> <td>348</td> </tr> <tr> <td>Employee commuting</td> <td>275</td> </tr> </table>	1,346	Gas well-to-tank	719	Electricity T&D losses	Electricity well-to-tank	Business travel well-to-tank	Electric vehicle T&D losses	Waste	4	Business travel	348	Employee commuting	275
1,346	Gas well-to-tank		719											
	Electricity T&D losses													
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	Business travel well-to-tank													
	Electric vehicle T&D losses													
	Waste		4											
	Business travel	348												
Employee commuting	275													
Total Emissions	2,296													

Current Emissions Reporting

Reporting Year: 2020/21														
EMISSIONS	TOTAL (tCO₂e)													
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased vehicles	165													
Scope 2 - Direct impact e.g., electricity consumption	149													
Scope 3 - Indirect Impact (Included Sources)	<table border="1"> <tr> <td rowspan="7">151</td> <td>Gas well-to-tank</td> <td rowspan="5">65</td> </tr> <tr> <td>Electricity transport and distribution (T&D) losses</td> </tr> <tr> <td>Electricity well-to-tank</td> </tr> <tr> <td>Business travel well-to-tank</td> </tr> <tr> <td>Electric vehicle T&D losses</td> </tr> <tr> <td>Waste</td> <td>1</td> </tr> <tr> <td>Business travel</td> <td>53</td> </tr> <tr> <td>Employee commuting</td> <td>32</td> </tr> </table>	151	Gas well-to-tank	65	Electricity transport and distribution (T&D) losses	Electricity well-to-tank	Business travel well-to-tank	Electric vehicle T&D losses	Waste	1	Business travel	53	Employee commuting	32
151	Gas well-to-tank		65											
	Electricity transport and distribution (T&D) losses													
	Electricity well-to-tank													
	Business travel well-to-tank													
	Electric vehicle T&D losses													
	Waste		1											
	Business travel	53												
Employee commuting	32													
Total Emissions	465													

The figure for employee commuting has been estimated using the 2019-20 ONS annual travel survey figures and applying a 90% reduction. This is an estimate of how much our commuting reduced due to the COVID-19 pandemic and staff working from home.

Emissions reduction targets

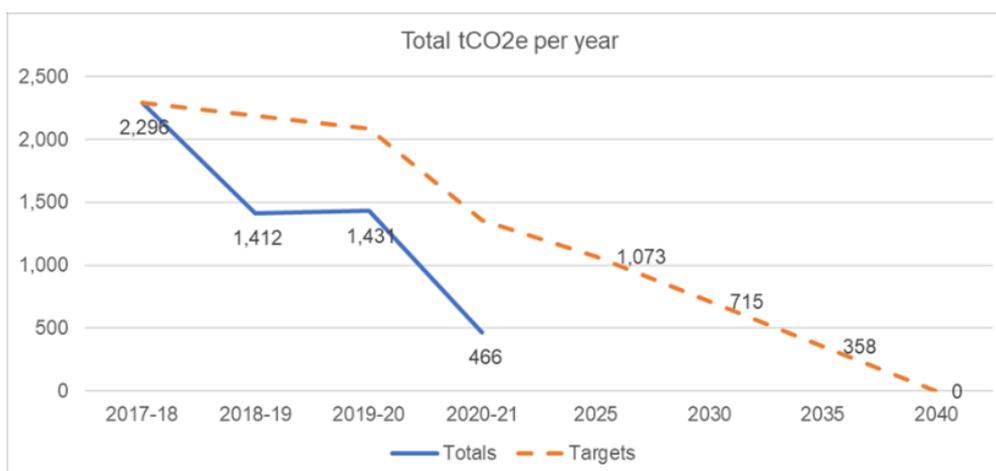
As part of the Greener NHS commitment, we are working towards:

- The NHS target of net-zero carbon by 2040 for the emissions we control.
- For emissions the NHS influences (the NHS Footprint Plus), we aim to be net-zero carbon by 2045.

In line with the Greening Government Commitments, we are working towards meeting or exceeding the following targets:

- The Government Fleet Commitment for 25% of the Government car fleet to be ultra-low emission vehicle (ULEV) by 31 December 2022, and 100% of the Government car and van fleet to be fully zero emission at the tailpipe by 31 December 2027.
- Before 2040 and measured from a 2017/18 baseline:
 - Reducing the distance travelled of domestic business flights by at least 20% from a 2017/18 baseline and report the distance travelled by international business flights, with a view to better understanding and reducing related emissions where possible.
 - Reducing water use by 8%.
 - Reducing the overall amount of waste generated by 15%.
 - Reduce the amount of waste going to landfill to less than 5% of overall waste.
 - Increase the proportion of waste which is recycled to at least 70% of overall waste.
 - Remove consumer single use plastic from our office estate.
 - Report on the introduction and implementation of reuse schemes.
 - Reduce paper use by at least 50%.
 - 100% of ICT waste to be diverted from landfill.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2017/18 baseline.

To support carbon reduction, we have roll out Microsoft Teams meeting, promoted our Ways of Working Framework with full staff engagement, promoted sustainable travel, our Estates Strategy focuses on sustainability to ensure a positive impact on the environment and promoted staff awareness campaigns to reduce energy consumption etc. We have removed single use plastics from all NECS estate, removed all bottles water facilities where alternative fresh water sources is available and ensure the Waste Hierarchy is implemented across all our sites (reduce, reuse, recycle, create energy, dispose).

The carbon emission reduction achieved by these schemes equated to 865 tCO₂e, a 38% reduction against the 2017/18 baseline in 2019-20. 2020-21 is likely to be an anomaly year due to the COVID-19 pandemic and national restrictions. The implemented measures will be in effect when performing the contract.

In the future we hope to implement **further measures and are** developing an action plan outlining these. This action plan will form part of the NHS England and NHS Improvement Green Plan and is likely to include:

- Continue to promote electric vehicles via promotion of access to the Lease Car Scheme provider and Government financial incentives for lower carbon options.
- Where possible working with our landlords, facilities management providers and other partners to:
 - Move to renewable electricity.
 - Roll out LED lighting across our corporate estate.
 - Increase the use of smart meters, solar technology and smart thermostats and controls.
 - Improve water metering and efficiency.
 - Increase the provision of electric vehicle charging infrastructure across our estate.
 - Increase the use of on-site dry-mixed recycling facilities and reducing the reliance on off-site waste management/ land fills.

- Offer surplus office furniture, fixtures and fixtures for reuse or recycling.
- Supporting NECS Ways of Working Framework, Principles & Model of working to reduce business and commuter travel, promoting a phased return to offices for "fixed and agile" staff and the development of "standards" for ways of working.
- Promoting active and sustainable travel through our cycle scheme. In line with the NHS People Plan, considering how staff can be offered flexibility in their working patterns and supported to choose sustainable methods of transport for their commute.
- Using technology to prioritise a virtual approach to meetings to reduce business travel.
- Increasing the use of cloud storage and decommissioning local IT infrastructure.

To continue our progress to achieve Net Zero, we are adopting carbon reduction targets. We project that carbon emissions will decrease to 1073 tCO₂e by 2025. This is a reduction of 54%.

Declaration and Sign Off

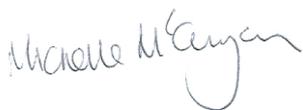
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy and Carbon Reporting (SECR) requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the Operational Executive Group.

Signed on behalf of the Supplier:



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Date: 28th September 2021

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>