

Carbon Reduction Plan

Supplier name: NHS North of England Commissioning Support Unit

Publication date: 18th November 2022

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.

We have used the Greening Government Commitment reporting guidelines to calculate most of these emissions.

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.

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.

Business travel includes car/private vehicles, rail and air travel. Information is not currently available to estimate business travel carried out by underground, bus, taxi, ferry or other modes of public transport.

Employee commuting has been estimated using the Office for National Statistics annual national travel survey.

Baseline Emissions Reporting

Baseline year emissions: 2017/18														
EMISSIONS	TOTAL (tCO ₂ e)													
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased vehicles	382													
Scope 2 - Direct impact e.g., electricity consumption	568													
Scope 3 - Indirect Impact (Included Sources)	<table border="1"> <tbody> <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> </tbody> </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													
	Electricity well-to-tank													
	Business travel well-to-tank													
	Electric vehicle T&D losses													
	Waste		4											
	Business travel	348												
Employee commuting	275													
Total Emissions	2,296 tCO₂e													

2020/21 Emissions Reporting

Reporting Year: 2020/21														
EMISSIONS	TOTAL (tCO ₂ e)													
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"> <tbody> <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> </tbody> </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 tCO₂e													

Current Emissions Reporting

Reporting Year: 2021/22																
EMISSIONS	TOTAL (tCO ₂ e)															
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased	192															
Scope 2 - Direct impact e.g., electricity consumption	56															
Scope 3 - Indirect Impact (Included Sources)	<table border="1"> <tbody> <tr> <td rowspan="4">168</td> <td>Upstream transportation and distribution</td> <td>Gas well-to-tank Electricity T&D losses Electricity well-to-tank Business travel well-to-tank Electric vehicle T&D losses Commuter well-to-tank</td> <td>73</td> </tr> <tr> <td>Waste</td> <td></td> <td>1</td> </tr> <tr> <td>Business travel</td> <td></td> <td>67</td> </tr> <tr> <td>Employee commuting</td> <td></td> <td>27</td> </tr> </tbody> </table>			168	Upstream transportation and distribution	Gas well-to-tank Electricity T&D losses Electricity well-to-tank Business travel well-to-tank Electric vehicle T&D losses Commuter well-to-tank	73	Waste		1	Business travel		67	Employee commuting		27
168	Upstream transportation and distribution	Gas well-to-tank Electricity T&D losses Electricity well-to-tank Business travel well-to-tank Electric vehicle T&D losses Commuter well-to-tank	73													
	Waste		1													
	Business travel		67													
	Employee commuting		27													
Total Emissions	416 tCO₂e															

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 and is line with NHS England and Improvement.

A figure for an emissions source for "downstream and distribution " is not included in Scope 3 (Indirect Impact), as the organisation does not sell physical products and its inclusion is optional according to the standard outlined in the Green House Gas Protocol.

Emissions reduction targets

As part of the Greener NHS commitment, NECS 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

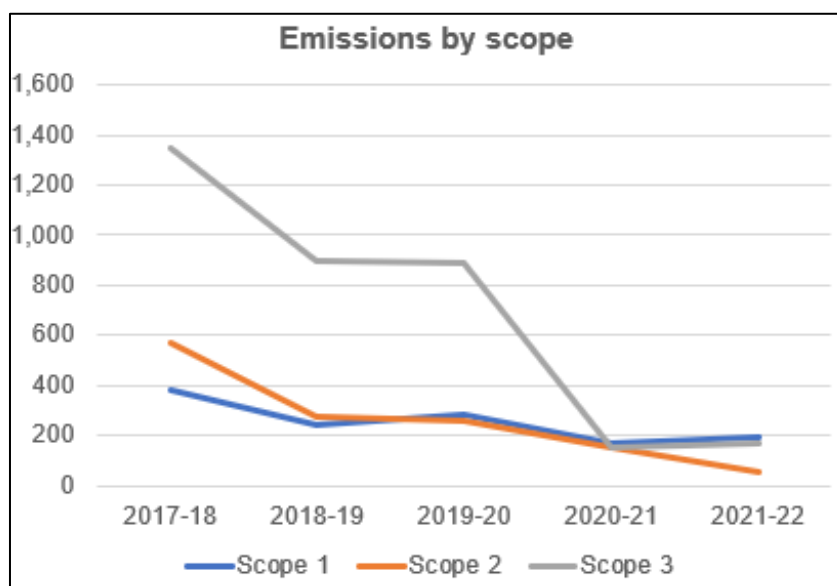
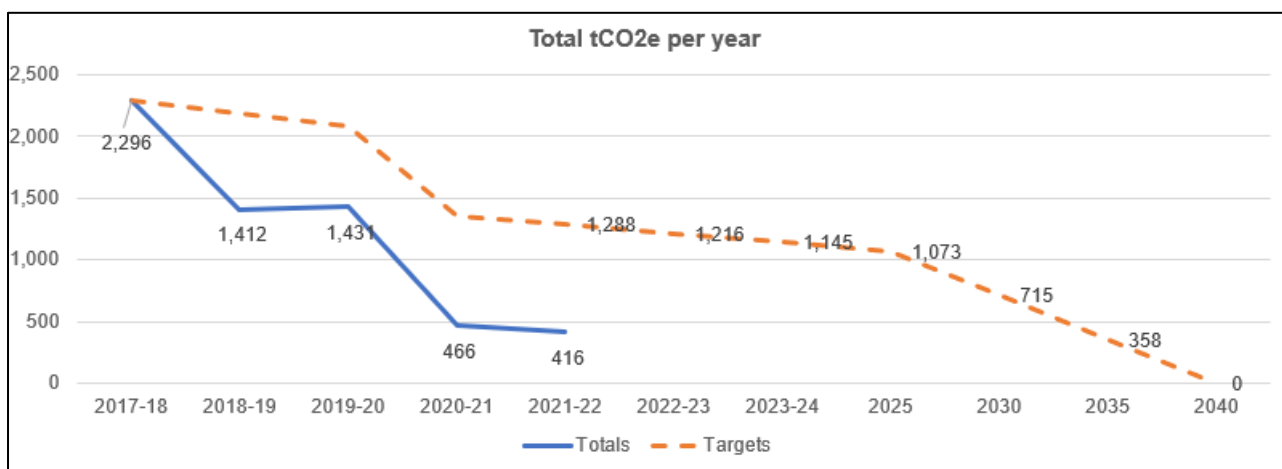
- Before 2040 and measured from a 2017/18 baseline:
 - Keep emissions from business travel below 50% of pre-pandemic levels (2025) and Reduce emissions from business travel by 80% compared with 2017/18.
 - Update organisational travel policies so that they require lower carbon options to be considered first as an alternative to each planned flight.
 - Reduce water use by 8%.
 - Reduce the overall amount of waste generated by 15%.
 - Ensure the removal of consumer single use plastic from our office estate continues to be maintained.
 - Report on the introduction and implementation of reuse schemes
 - Reduce paper use by at least 50%
 - Reduce 100% of ICT waste going to landfill.
 - Continue to buy more sustainable and efficient products and services with the aim of achieving the best long-term, overall value for money for society.
 - Reduce carbon and costs associated with our digital vision.
 - Building capability in all staff and embedding sustainability across the organisation

To achieve these targets NECS will:

- 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
 - Support NECS Ways of Working Framework, Principles & Model of working to reduce business and commuter travel
 - Promoting active and sustainable travel through our cycle scheme. In line with the NHS People Plan, consider how staff can be offered flexibility in their working patterns and supported to choose sustainable methods of transport for their commute
 - Use technology/digital first as the key policy drive to reduce travel/energy and waste
 - Use technology to prioritise a virtual approach to meetings to reduce business travel
 - Consider lower carbon options for travel first as an alternative to a planned flight

To continue our progress to achieve Net Zero, we project that carbon emissions will decrease to 1073 tCO_{2e} by 2025. This is a reduction of 54%. Although our 2021/ 22 emissions data currently indicates we are below our projected reduction carbon emissions, it is noted that emission data obtained for years 2019-20, 2020-21 and 2021-22 are anomaly years due to the COVID-19 pandemic and national restrictions.

NECS overall progress against targets set can be seen in the graphs below:



Carbon Reduction Projects

Carbon Reduction Initiatives

In NECS the following environmental management measures and projects have been completed or implemented.

- To support carbon reduction, we have:
 - ✓ rolled out Microsoft Teams meeting technology to all NECS employees, to allow staff and customers to work in a productive, effective, agile and safe environment.
 - ✓ promoted our Ways of Working Framework with full staff engagement.

- ✓ promoted sustainable travel.
- ✓ developed our Estates Strategy which has a focus on sustainability, to ensure a positive impact on the environment.
- ✓ promoted staff awareness campaigns to reduce energy consumption etc.
- ✓ removed single use plastics from all NECS estates, removed all bottles water facilities where alternative fresh water sources are available and ensure the waste hierarchy is implemented across all our sites (reduce, reuse, recycle, create energy, dispose).
- ✓ launched the NECS2025 Corporate Social Responsibility (CSR) Strategy
- ✓ established the CSR staff champions network

NECS' carbon reduction indicators and targets are outlined in further detail in the "NECS 2025 CSR Strategy".

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:



Director of Organisation Development and Corporate Services.

Date: 18th November 2022

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>