



Carbon Reduction Plan

Supplier name: NHS North of England Commissioning Support Unit

Publication date: 29th September 2023

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

1. Emissions Reporting

1.1 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.

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 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 conducted 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.

Table 1: Baseline Additional Details

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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> <tr> <td rowspan="4">1,346</td><td>Gas well-to-tank Electricity T&D losses Electricity well-to-tank Business travel well-to-tank Electric vehicle T&D losses</td><td>719</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 Electricity T&D losses Electricity well-to-tank Business travel well-to-tank Electric vehicle T&D losses	719	Waste	4	Business travel	348	Employee commuting	275
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	Waste	4									
	Business travel	348									
	Employee commuting	275									
Total Emissions	2,296 tCO ₂ e										

Table 2: Baseline Emissions Data 2017/18

Reporting Year: 2022/23											
EMISSIONS	TOTAL (tCO ₂ e)										
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased	188										
Scope 2 - Direct impact e.g., electricity consumption	93										
Scope 3 - Indirect Impact (Included Sources)	<table> <tr> <td rowspan="4">239</td><td>Gas well to tank Electricity T&S losses Electricity well to tank</td><td>66</td></tr> <tr> <td>Waste</td><td>0</td></tr> <tr> <td>Business Travel</td><td>159</td></tr> <tr> <td>Employee Commuting</td><td>14</td></tr> </table>		239	Gas well to tank Electricity T&S losses Electricity well to tank	66	Waste	0	Business Travel	159	Employee Commuting	14
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	Waste	0									
	Business Travel	159									
	Employee Commuting	14									
Total Emissions	520 tCO ₂ e										

Table 3 Emissions Data 2022/23

2. 2022/23 Achievements

2.1 Overall Net Zero Target by 2040

NECS' overall progress against set national targets is illustrated in the tables below:

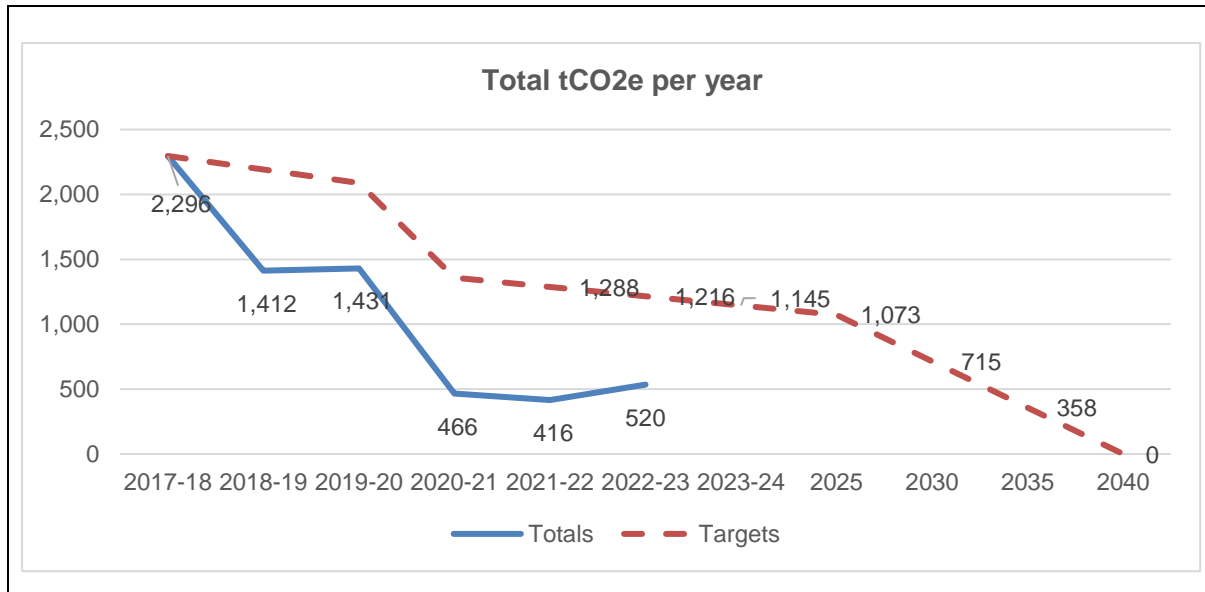


Table 4 2022/23 NECS Carbon Footprint - Tonnage of CO2 emissions (tCO2e)

During 2022/23, there has been a slight increase in NECS' tCO2 emissions from 416 in 2021/22 to 520 tCO2e, this is an increase of 25%. Despite the increase, NECS continues to be on trajectory to meet the national 2040 net zero target. Since the 2017/2018 baseline figure NECS 2022/23 tCO2e carbon footprint has reduced by a 77%.

2.2 Scope Emissions

Reporting Year: 2022/23									
EMISSIONS	TOTAL (tCO ₂ e)								
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased	<div><p>Totals by scope</p><table><thead><tr><th>Scope</th><th>Emissions (tCO₂e)</th></tr></thead><tbody><tr><td>Scope 1</td><td>188</td></tr><tr><td>Scope 2</td><td>93</td></tr><tr><td>Scope 3</td><td>239</td></tr></tbody></table></div>	Scope	Emissions (tCO ₂ e)	Scope 1	188	Scope 2	93	Scope 3	239
Scope		Emissions (tCO ₂ e)							
Scope 1		188							
Scope 2	93								
Scope 3	239								
Scope 2 - Direct impact e.g., electricity consumption									
Scope 3 - Indirect Impact (Upstream transportation and distribution, Waste, Business travel, Employee commuting and downstream transportation and distribution)									
Total Emissions	534 tCO ₂ e								

Table 5 2022/23 NECS Carbon Footprint – Scope Emissions (tCO2e)

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During 2022/23 there has been an increase in 'scope 3' tCO₂e, compared to the previous year emissions (2021/22 168 tCO₂e). This increase relates predominately to an increase in staff business travel (68%). It is noted that 2021/22 was during the COVID19 pandemic and therefore is seen as an unprecedented year. When comparing 2022/23 emissions to pre-pandemic emissions, the 2018/19 'scope 3' emissions for NECS was 375 tCO₂e, therefore 2022/23 should be seen as a decrease in 'scope 3' emissions.

It is also noted that there is an increase in 'scope 2' emissions during 2022/23 (93 tCO₂e) compared to 2021/22 (56 tCO₂e). This increase can be attributed to staff returning to offices (albeit in a hybrid agile working arrangement).

Figure 1 provides a percentage breakdown by emission category for 2022/23. In comparison to 2021/22 total tCO₂e by category there has been a decrease in the organisations gas consumption (46% 21/22) and upstream transportation and distribution (18% 21/22) usage.

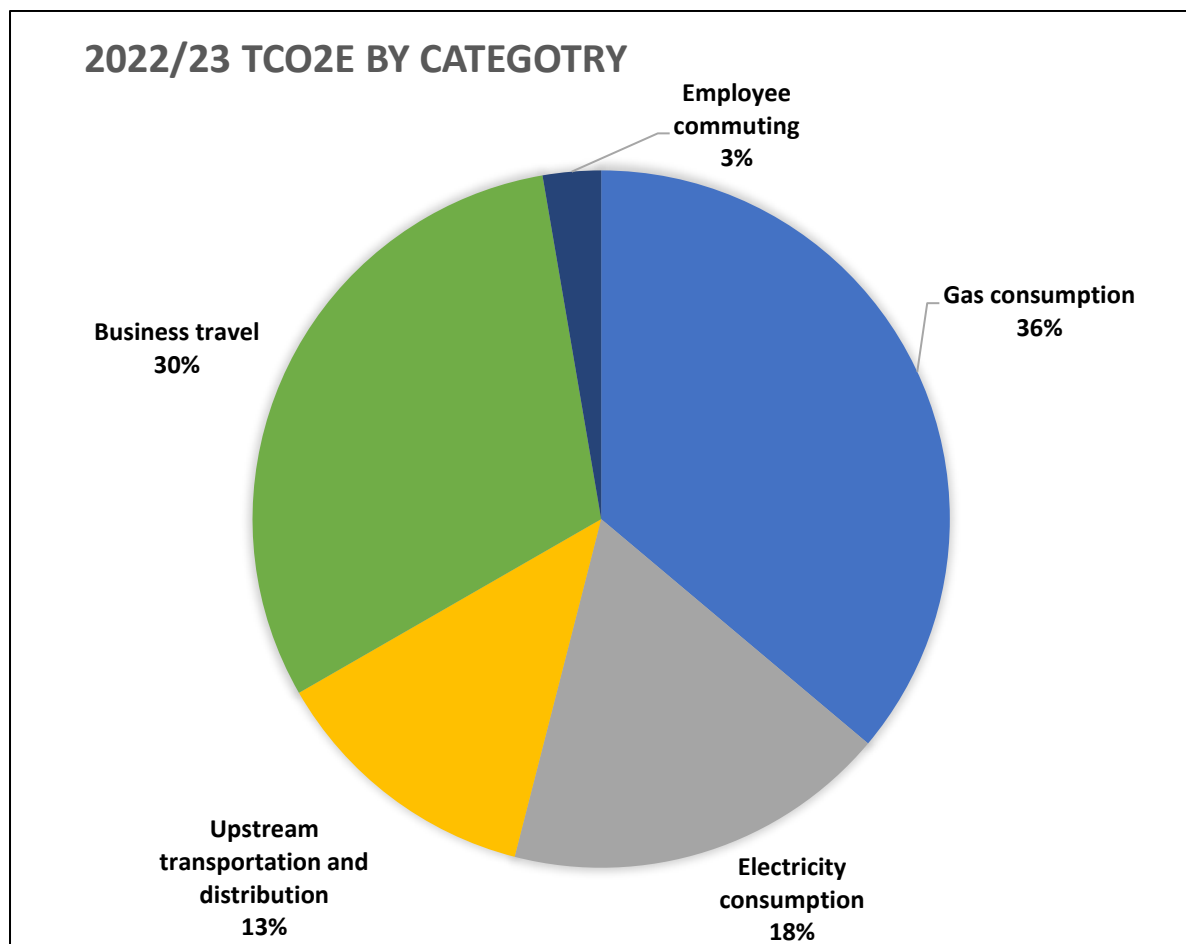


Figure 1 NECS Carbon Footprint Emission percentage by category 2021/22 compared with 2022/23 tCO₂

2.2.1 Waste Management

The majority of NECS' building management services are managed through NHS Property Services lease arrangements, and as such (at the time of publication) NECS do not hold or have access to granular data in relation to waste management. NECS continues to work in partnership with NHS Property Services and NHS England to obtain waste management data.

NECS are however, working towards the following waste reduction deliverables, as part of the 'NECS2025 Carbon Social Responsibility Strategy'.

- Ensure surplus office furniture is redistributed and reused or recycled.
- Use a re-use platform to offer all other furniture, fixings, and stationery to other organisations for reuse.
- Work with landlords and head leaseholders to carry out an audit of waste across our portfolio and identify hotspots where improvements are needed.
- Increase the use of on-site dry mix recycling bins.
- Improve signage and ensure staff have access to information about recycling

2.2.2 Commuting

The measurement for employee commuting has been estimated using the 2022 ONS annual travel survey figures and applying a 90% reduction (in line with NHS England). The 2022 ONS annual travel survey shows a reduction in employee commuting emissions, due to the COVID-19 pandemic. It is anticipated that these emissions will increase over the next year.

2.2.3 Downstream transportation distribution

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.

3. 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 NECS controls.
- For emissions the NHS influences (the NHS Footprint Plus), NECS aims to be net-zero carbon by 2045.

In line with the Greening Government Commitments, NECS is 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.

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- Before 2040 and measured from a 2017/18 baseline data:
 - Keep emissions from business travel below 50% of pre-pandemic levels by 2025 and Reduce emissions from business travel by 80% compared with 2017/18.
 - Reduce water usage.
 - Reduce the overall amount of waste generated.
 - 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 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, collaborating with our landlords, facilities management providers and other partners to:
 - Replace lighting to LED as and when bulbs stop working to achieve 50 % LED lighting bulb usage by 2025 and 100% usage by 2040.
 - Upgrade and improve the operation of Building Management Systems
 - Roll out sub metering more widely to include electricity, gas, and water.
 - Introduce minimum performance standards and carry out environmental impact assessments during lease events and refurbishments.
 - Prepare buildings for electricity-led heating.
 - Switch to non-fossil fuel heating.
 - Increase on-site renewables.
 - carry out an audit of waste across our portfolio and identify hotspots where improvements are needed.
 - Increase the use of on-site dry mix recycling bins.
 - Improve on-site facilities including kitchens to reduce water use, improve efficiency and reduce the need for disposable kitchen items.

4. Carbon Reduction Projects

4.1 Carbon Reduction Initiatives

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

- To support carbon reduction, NECS has:
 - ✓ 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).
 - ✓ continues to embed and expand the NECS2025 Corporate Social Responsibility (CSR) Strategy.
 - ✓ established the CSR staff champions network.
 - ✓ embedded Social Value throughout NECS procurement documents.
 - ✓ included a minimum 10% weighting on social value on all procurement evaluations.
 - ✓ ensured all procurements comply 100% with the Modern Slavery Act (MSA) 2015 for all relevant organisations under section 54 (MSA) and their compliance with the annual report requirement on Modern slavery.
 - ✓ ensured providers that our customers contracts are compliant and have not been excluded or excludable under the Public Contract Regulation 57 for things such as Corruption, Bribery, Terrorism, Money laundering etc.

The NHS has adopted the Government's "Taking Account of Carbon Reduction Plans" (PPN 06/21), requiring all suppliers with new contracts for goods, services, and/or works with an anticipated contract value above £5 million per annum, to publish a carbon reduction plan for their direct emissions.

Going forward NECS will comply with the NHS Net Zero Roadmap by:

- expanding the PPN 06/21 requirement for all new contracts, irrespective of value from April 2024.
- ensuring all NECS' suppliers with contracts for goods, services, or works for any value, publish a carbon reduction plan from April 2027.
- supporting the NHS in their new requirement to oversee the carbon footprint of individual products supplied to the NHS from April 2028.

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- supporting NHS England to ensure suppliers only qualify for NHS contracts if they can demonstrate their progress through published progress reports and continued carbon emissions reporting through the supplier framework from April 2030/

5. Declaration and Sign Off

This Carbon Reduction Plan 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: 29th September 2023

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>