



Carbon Reduction Plan

Supplier name: NHS North of England Commissioning Support Unit

Publication date: TBC

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.
<p>We have used the Greening Government Commitment reporting guidelines to calculate most of these emissions.</p> <p>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.</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 is not currently available to estimate business travel conducted 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>

Table 1: Baseline Additional Details

Official

Baseline year emissions: 2017/18															
EMISSIONS	TOTAL (tCO₂e)														
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"> <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
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	Business travel	348													
Employee commuting	275														
Total Emissions	2,296 tCO₂e														

Table 2: Baseline Emissions Data 2017/18

Reporting Year: 2023/24													
EMISSIONS	TOTAL (tCO₂e)												
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased	83												
Scope 2 - Direct impact e.g., electricity consumption	183												
Scope 3 - Indirect Impact (Included Sources)	<table border="1"> <tr> <td rowspan="5">421</td> <td>Gas well to tank</td> <td rowspan="3">30</td> </tr> <tr> <td>Electricity T&S losses</td> </tr> <tr> <td>Electricity well to tank</td> </tr> <tr> <td>Waste</td> <td>42</td> </tr> <tr> <td>Business Travel</td> <td>335</td> </tr> <tr> <td>Employee Commuting</td> <td>14</td> </tr> </table>		421	Gas well to tank	30	Electricity T&S losses	Electricity well to tank	Waste	42	Business Travel	335	Employee Commuting	14
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Total Emissions	687 tCO₂e												

Table 3 Emissions Data 2023/24

2. 2023/24 Achievements

2.1 Overall Net Zero Target by 2040

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

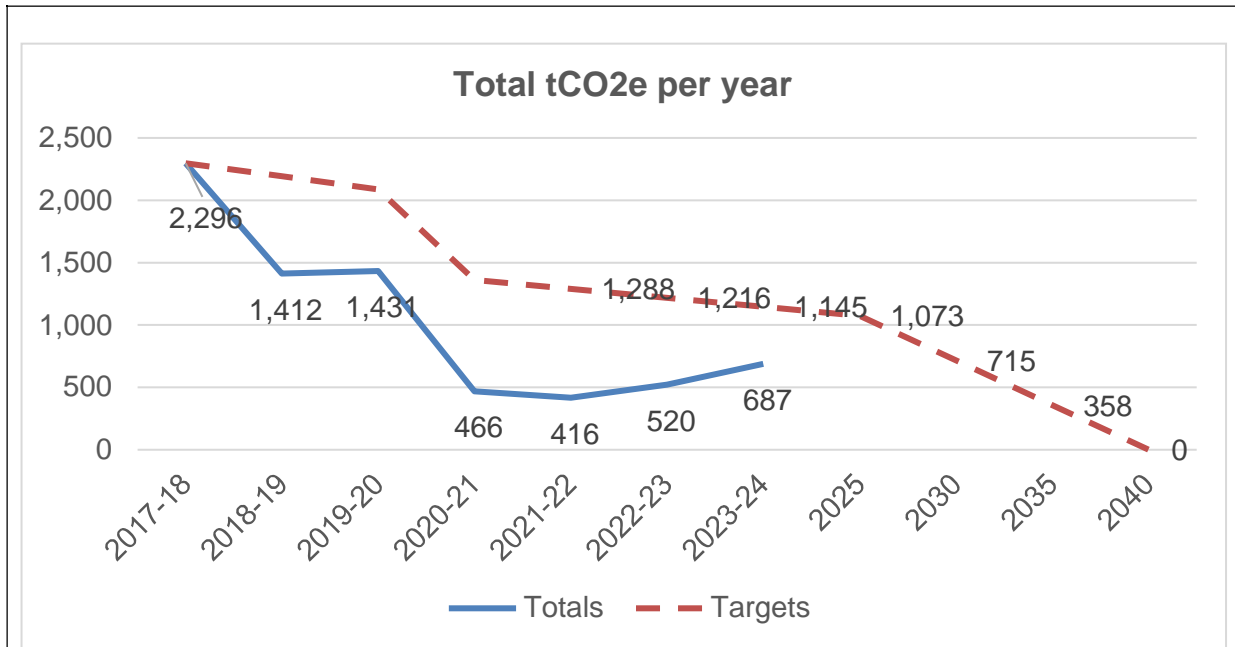


Table 4 2023/24 NECS Carbon Footprint - Tonnage of CO2 emissions (tCO2e)

During 2023/24, there has been an increase in NECS' tCO2 emissions from 520 tCO2e in 2022/23 to 687 tCO2e, this is an increase of 32%. Despite the increase, NECS continues to be on trajectory to meet the national 2040 net zero target. Since the 2017/2018 baseline figure NECS 2023/24 tCO2e carbon footprint has reduced by a 70%.

2.2 Scope Emissions

Reporting Year: 2023/24									
EMISSIONS	TOTAL (tCO ₂ e)								
Scope 1 - Direct impact e.g., gas consumption, transport fleet/leased	<table border="1"> <caption>Totals by scope</caption> <thead> <tr> <th>Scope</th> <th>Emissions (tCO₂e)</th> </tr> </thead> <tbody> <tr> <td>Scope 1</td> <td>83</td> </tr> <tr> <td>Scope 2</td> <td>183</td> </tr> <tr> <td>Scope 3</td> <td>421</td> </tr> </tbody> </table>	Scope	Emissions (tCO ₂ e)	Scope 1	83	Scope 2	183	Scope 3	421
Scope		Emissions (tCO ₂ e)							
Scope 1		83							
Scope 2	183								
Scope 3	421								
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	687 tCO₂e								

Table 5 2023/24 NECS Carbon Footprint – Scope Emissions (tCO2e)

Official

During 2023/24 there has been an increase in 'scope 3' tCO₂e, compared to the previous year emissions (2022/23 239 tCO₂e). This increase relates predominately to an increase in staff business travel due to return to offices, ways of working and the return of customer visits. (76% tCO₂e increase scope 3, indirect impacts).

It is also noted that there is an increase in 'scope 2' emissions during 2023/24 (183 tCO₂e) compared to 2022/23 (93 tCO₂e) and increase of 97%. This increase can be attributed to staff returning to offices two days a week.

Figure 1 provides the NECS Carbon Footprint Emission percentage by category 2022/23 compared with 2023/24 tCO₂.

In comparison to 2022/23 total tCO₂e by category there has been a decrease in the organisation's gas consumption (36% 22/23 to 12% 23/24) and upstream transportation and distribution (13% 22/23 to 4% 23/24) usage; this would appear to be caused by a decrease in NECS' estate.

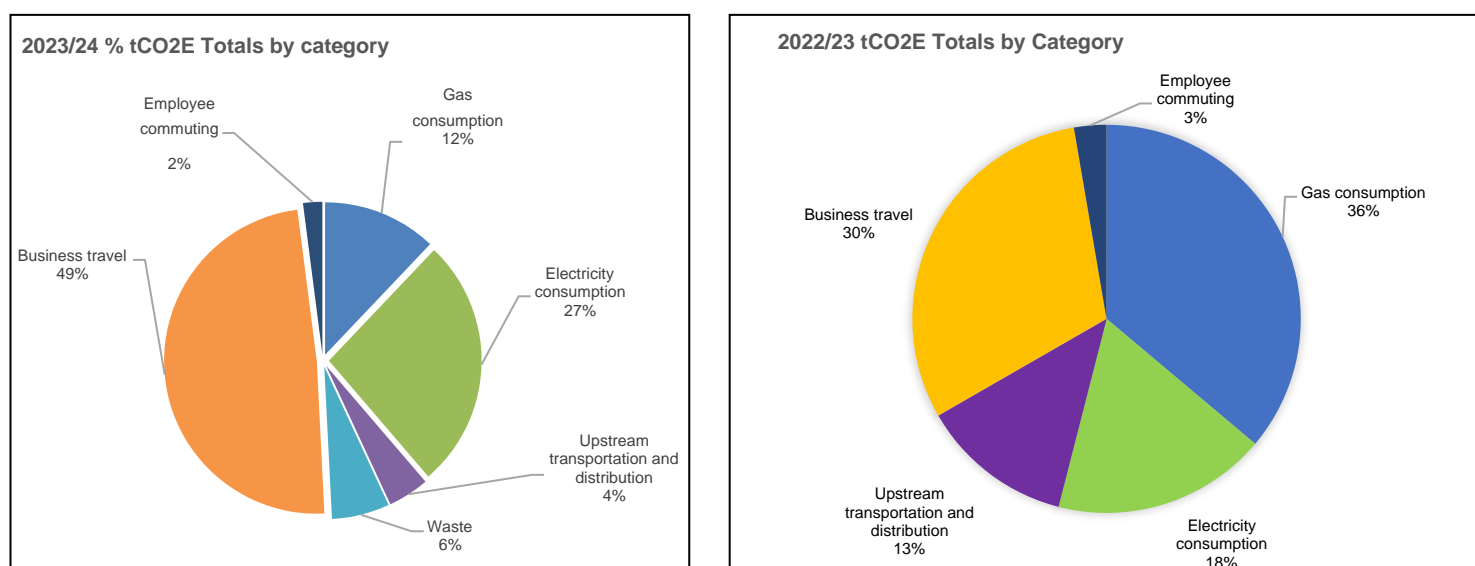


Figure 1 NECS Carbon Footprint Emission percentage by category 2022/23 compared with 2023/24 tCO₂

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 (NHSPS) and NHS England (NHSE) to obtain waste management data.

Official

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.

NECS has explored the use of water control products (faucet aerators, which add air to the water stream and reduce the flow rate) to be installed to across its estates, however, following national advice (NHSPS), the installation of faucet aerators was decided against due to the increased risk of legionella.

Signage has been improved in relation to both water consumption and waste reduction around buildings as well as paper towels removed from toilet areas.

NHSPS data collection has now improved, to allow us to monitor waste reduction more accurately going forward.

2.2.2 Commuting

At the time of reporting, the 2024 ONS annual travel survey figures had not been released.

The measurement for employee commuting has been estimated using the 2023 ONS annual travel survey figures and applying a 90% reduction (in line with NHSE). The 2023 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.

Official

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.

As per the figure 2 above, NECS is on track to achieve the 100% zero emissions at the tailpipe by 31 December 2027.

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.
 - 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.
 - 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.
- 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 Formal Executive Group.

Signed on behalf of the Supplier:



Director of Organisation Development and Corporate Services.

Date: 27.09.24

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>