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health and **integrating** care



**Midlands and Lancashire**  
Commissioning Support Unit

# MLCSU Carbon Reduction Plan

**Publication date: June 2023**

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# Introduction

**MLCSU is designed to be both of and for the NHS. Our vision is to be pivotal in fully supporting the delivery of major improvements in health and well-being. MLCSU is essential to the healthcare systems that we support, and our philosophy is to face every new challenge and opportunity together with our customers.**

MLCSU is determined to reduce its impact on emissions it is responsible for by introducing innovative ways in which staff can work and deliver its services, efficiently and effectively across a large geographical footprint.

MLCSU consistently provides data to NHS E/I which is then used for reporting internally to measure our impact on our Green Plan. 2022 to 2023 is the first full year of working without restriction, which ended in December 2021. MLCSU's approach to working agilely has remained, whilst encouraging face to face contact as and when required for business purposes.

## Commitment to Achieving Net Zero

NHS Midlands and Lancashire CSU is committed to achieving Net Zero emissions by 2040, for the emissions we control.

## 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. MLCSU has used the data for 17/18 as a benchmark to measure its performance to date, and also provided subsequent years up to 22/23.

**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 isn't currently available to estimate business travel carried out by underground, bus, taxi, ferry or other modes of public transport. We are working to provide this data in future interactions, but the impact is expected to be very low due to low numbers and frequency of travel .

Employee commuting has been estimated using the Office for National Statistics annual national travel survey for the baseline and 22/23 data.

**Baseline year emissions: 2017/18**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)																					
<b>Scope 1</b> Gas consumption and Fleet Transport	<b>319</b>																					
<b>Scope 2</b> Electricity Consumption	<b>822</b>																					
<b>Scope 3</b> (Included Sources)	<table border="1"> <tr> <td data-bbox="408 1379 568 1653" rowspan="5"><b>1,395</b></td> <td data-bbox="568 1379 1023 1435">Gas well-to-tank</td> <td data-bbox="1023 1379 1461 1435"></td> </tr> <tr> <td data-bbox="568 1435 1023 1491">Electricity T&amp;D losses</td> <td data-bbox="1023 1435 1461 1491"></td> </tr> <tr> <td data-bbox="568 1491 1023 1547">Electricity well-to-tank</td> <td data-bbox="1023 1491 1461 1547">451</td> </tr> <tr> <td data-bbox="568 1547 1023 1603">Business travel well-to-tank</td> <td data-bbox="1023 1547 1461 1603"></td> </tr> <tr> <td data-bbox="568 1603 1023 1659">Electric vehicle T&amp;D losses</td> <td data-bbox="1023 1603 1461 1659"></td> </tr> <tr> <td data-bbox="408 1659 568 1715"></td> <td data-bbox="568 1659 1023 1715">Waste</td> <td data-bbox="1023 1659 1461 1715">6</td> </tr> <tr> <td data-bbox="408 1715 568 1771"></td> <td data-bbox="568 1715 1023 1771">Business travel</td> <td data-bbox="1023 1715 1461 1771">499</td> </tr> <tr> <td data-bbox="408 1771 568 1839"></td> <td data-bbox="568 1771 1023 1839">Employee commuting</td> <td data-bbox="1023 1771 1461 1839">439</td> </tr> </table>		<b>1,395</b>	Gas well-to-tank		Electricity T&D losses		Electricity well-to-tank	451	Business travel well-to-tank		Electric vehicle T&D losses			Waste	6		Business travel	499		Employee commuting	439
<b>1,395</b>	Gas well-to-tank																					
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	Employee commuting	439																				
<b>Total Emissions</b>	<b>2,536</b>																					

## Current Emissions Reporting

Reporting Year: 2022/23																		
EMISSIONS	TOTAL (tCO <sub>2</sub> e)																	
<b>Scope 1</b> Gas consumption and Fleet Transport	<b>90</b>																	
<b>Scope 2</b> Electricity Consumption	<b>130</b>																	
<b>Scope 3</b> (Included Sources)	<table border="1"> <tbody> <tr> <td rowspan="7" style="vertical-align: middle;"><b>165</b></td> <td>Gas well-to-tank</td> <td></td> </tr> <tr> <td>Electricity T&amp;D losses</td> <td></td> </tr> <tr> <td>Electricity well-to-tank</td> <td style="text-align: right;">67</td> </tr> <tr> <td>Business travel well-to-tank</td> <td></td> </tr> <tr> <td>Electric vehicle T&amp;D losses</td> <td></td> </tr> <tr> <td>Waste</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Business travel</td> <td style="text-align: right;">57</td> </tr> <tr> <td>Employee commuting</td> <td style="text-align: right;">41</td> </tr> </tbody> </table>	<b>165</b>	Gas well-to-tank		Electricity T&D losses		Electricity well-to-tank	67	Business travel well-to-tank		Electric vehicle T&D losses		Waste	0	Business travel	57	Employee commuting	41
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	Business travel	57																
Employee commuting	41																	
<b>Total Emissions</b>	<b>385</b>																	

The figure for employee commuting has been estimated using 2022/23 ONS annual travel survey figures adjusted in line with NHSE data.

## Emissions reduction targets

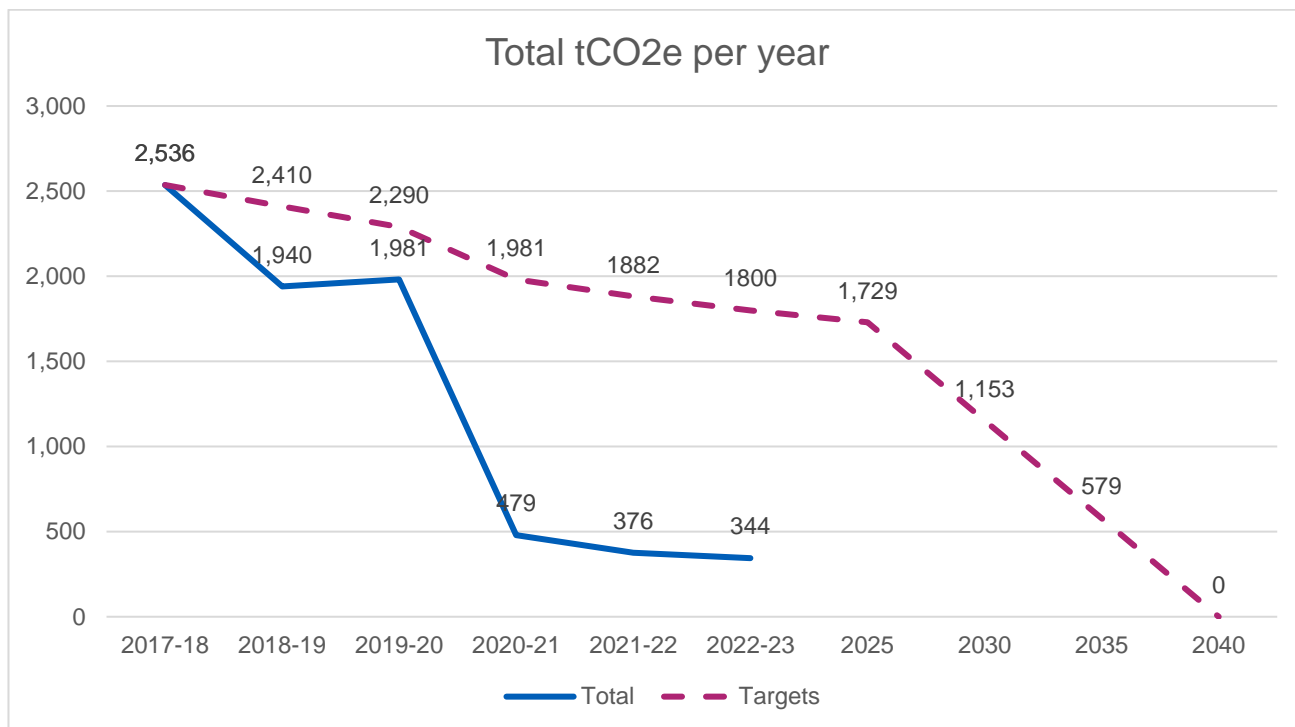
As part of the Greener NHS commitment, we are working towards:

- The NHS target of net-zero carbon by 2040, with an ambition to reach an 80% reduction by 2028 to 2032, for the emissions we control.
- For emissions the NHS influences (the NHS Footprint Plus), we aim to be net-zero carbon by 2045, with an ambition to reach an 80% reduction by 2036 to 2039.

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. We currently have 94% of our NHS Fleet, classed as ULEV, which has exceeded this target.
- Before 2050 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.

MLCSU, since 2017/18 have been working on the following activity to improve its Carbon Reduction.

- Reducing building occupation sizes based on finding right sized, energy efficient property across MLCSU large geographical footprint. Estates savings of £1,377k since 2017/18 have been achieved. Further reductions in 23/24 on office space are planned, which will release over 3500 sq/m of space saving an additional £175k and a recurring saving of £338k.
- MLCSU has reduced its overall estate footprint from 11,637 sq/m in 17/18 to 7,265 sq/m in 22/23, reducing it by a total of 37.6%.
- Ensuring there is a sound contractual basis for our buildings and demonstrate flexibility to meet the business needs - moving away from long leases with limited break clauses if still value for money and maintaining the ability to move more easily if change requires, whilst maintaining sufficient stability by ensuring the proper agreements and leases are in place.
- Ensure we link to the work undertaken by the National Office Programme (NOP), in addition to regional strategies, to rationalise estates and provide best value for the NHS.

- Maintaining and improving energy efficiency across all of our estate, where we can affect change e.g., Installation of new air conditioning units for CSU server rooms for more reliable and modern energy efficient units.
- MLCSU have invested significantly in technology, such as Office 365 that enables our organisation to work in an agile way, for example: hold meetings across all customer and CSU locations, resulting in a reduction of unnecessary travel.
- Be driven by and support our operating model of "at scale", centralised hub services with customer-facing, co-located staff where appropriate.
- Supporting the organisational ethos of agile working and take account of staff travel.
- MLCSU staff have access to NHS Fleet Solutions car leasing schemes, where low and zero carbon vehicles provide cost effective solutions for the user. And those leasing electric vehicles, can include an EV charger at their home.

The carbon emission reduction achieved by these schemes equated to 2171 tCO<sub>2</sub>e, an 85% reduction against the 2017/18 baseline in 2022-23. The implemented measures will be in effect when performing the contract.

In the future we will implement further measures and are developing an action plan outlining these. This action plan will form part of the MLCSU Green Plan and will in turn inform the NHS England Green Plan, and will include:

- Updating our travel policies so that they require lower carbon options to be considered first.
- Working with our landlords, facilities management providers and other partners to:
  - Move to 100% 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.
  - Offer surplus office furniture, fixtures and fixtures for reuse or recycling.
- Continuing to support a hybrid model of working to reduce business and commuter travel. MLCSU has developed, with active staff engagement, "Our Ways of Working" policy, which underpins this approach.
- Continue promoting active and sustainable travel through a national cycle to work scheme and supporting staff to utilise sustainable and environmentally friendly travel options. 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-first' approach which reduces the need for business travel
- Increasing the use of cloud storage and decommissioning server rooms.

## MLCSU Procurement

MLCSU has addressed sustainability within our procurement practices by several means:

- **Social Value Questions** - MLCSU has embedded social value within procurement exercises e.g. using Social Value questions in tenders. The Government released a Procurement Policy Note (PPN) in 2020 which has linked social value to at least 10% of the overall evaluation total available score. This enables MLCSU to work with sustainable partners.
- **Energy/Sustainability Questions** - MLCSU has also embedded supply chain engagement tools e.g. Sustainable procurement policies, and energy management systems, within tenders.
- **Small to Medium Enterprises** - MLCSU encourages SME's with adaptable procurement processes.
- **Government Buying Standards** - All public sector organisations procuring goods and services must at least specify the minimum mandatory standards in tenders, if not the best practice standards, as set out in the relevant product specification. By using these standards, MLCSU is meeting these needs for goods, services, works and utilities in a way that benefits not only the organisation, but also society and the economy, while minimising damage to the environment.
- **Supplier Code of Conduct** - MLCSU works with new and existing suppliers to ensure that they sign up to our supplier code of conduct.
- **Carbon Reduction** – MLCSU has removed the requirement for face to face meetings within the tender process through utilising technology. This includes meetings for project updates, moderation and supplier interviews. All of these meetings would previously have been done face to face.

## 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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with 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) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

### Signed on behalf of the Supplier:



Derek Kitchen  
Managing Director

16<sup>th</sup> June 2023

..... Date: .....

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<sup>1</sup> <https://ghgprotocol.org/corporate-standard>  
<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>  
<sup>3</sup> <https://ghgprotocol.org/standards/scope-3-standard>



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