



Cabinet Office

CARBON REDUCTION PLAN GUIDANCE

Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier¹ and must meet the reporting requirements set out in supporting guidance, and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. In order to ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard² and Guidance³, and all of the following criteria are met:

- The bidding entity is wholly owned by the parent;
- The commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity;
- The environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract; and
- The CRP is published on the bidding entity's website.

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation's Carbon Reduction Plan may only be a temporary measure under this selection criterion.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

¹Bidding supplier or 'bidding entity' means the organisation with whom the contracting authority will enter into a contract if it is successful.

²Technical Standard can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf

³Guidance can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991623/Guidance_on_adopting_and_applying_PPN_06_21__Selection_Criteria__3_.pdf

Carbon Reduction Plan

Supplier name: 360 Assurance (University Hospitals of Derby and Burton NHS Foundation Trust)

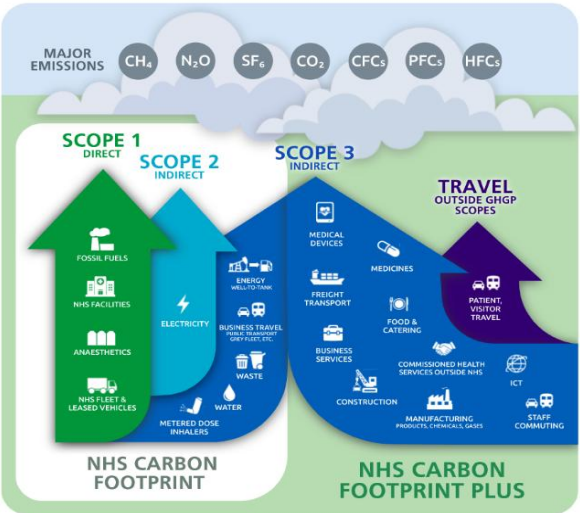
Publication date: 21/07/2025

Commitment to achieving Net Zero

360 Assurance (as part of University Hospitals of Derby and Burton NHS Foundation Trust) is committed to achieving Net Zero emissions by 2040.

In the NHS, net zero targets are as follows:

- For the emissions we control directly (the 'NHS Carbon Footprint'), we will reach net zero by 2040, with an ambition to reach an 80% reduction by 2028 to 2032.
- For the emissions we can influence (our 'NHS Carbon Footprint Plus'), we will reach net zero by 2045, with an ambition to reach an 80% reduction by 2036 to 2039.



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: 2007/08 (total) and 2018/19 (broken down into scope)
Additional Details relating to the Baseline Emissions calculations.
For our overall emissions (ie not broken down into scopes) our baseline is 2007/08 (163,618 tCO ₂ e). However, as UHDB comprises two former Trusts that merged, data broken down into scopes is not available until 2018/19 (hence 2018/19 is the baseline for analysis of emissions based on scope). Prior to the formation of UHDB, each legacy Trust

calculated annual carbon footprints (hence we have overall carbon footprint data going back to 2007/08); but methodology was slightly different - hence scope data is not available until 2018/19.

To track progress against a background of increasing patient activity, we also calculate 'per patient' emissions.

2007/08 baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Total Emissions	163,618 tCO ₂ e
Per patient emissions	304.79 kgCO ₂ e (0.3 tCO ₂ e)

2018/19 baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	14,262 tCO ₂ e
Scope 2	12,350 tCO ₂ e
Scope 3 & 3+	164,363 tCO ₂ e
Total Emissions	NHS Carbon Footprint: 27,719 tCO ₂ e (Scope 1, 2 & 3) NHS Carbon Footprint Plus: 163,255 tCO ₂ e (Scope 3+) Total emissions: 190,974 tCO ₂ e
Per patient emissions	220.18 kgCO ₂ e (0.22 tCO ₂ e)

NHS CARBON FOOTPRINT & NHS CARBON FOOTPRINT PLUS		18/19 (tCO ₂ e)
Scope 1	Natural Gas	12,044
	Oil	712
	Medical Gases	1,450
	Fleet	56
Scope 2	Electricity	12,350
Scope 3 & 3+	Upstream transportation and distribution (Category 4)	Not available
	Waste (Category 5)	266
	Business Travel (Category 6)	383

NHS CARBON FOOTPRINT & NHS CARBON FOOTPRINT PLUS		18/19 (tCO ₂ e)
	Employee Commuting (Category 7)	29
	Downstream transportation and distribution (Category 9)	Not available
	Water	459
	Procurement	154,452
	Patient Catering	7,109
	Restaurant Catering	1,665
Total		190,974

However, due to a change from reporting in financial year to calendar year, for the purposes of compliance with PPN-06-21 baseline year must be reported in the same timeframe as current year. Therefore, our formal baseline is 2024

2024 baseline year emissions	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	16,999 tCO ₂ e
Scope 2	10,020 tCO ₂ e
Scope 3 & 3+	199,558 tCO ₂ e
Total Emissions	NHS Carbon Footprint: 28,016 tCO ₂ e (Scope 1, 2 & 3) NHS Carbon Footprint Plus: 198,561 tCO ₂ e (Scope 3+) Total emissions: 226,577 tCO ₂ e
Per patient emissions	0.27 tCO ₂ e

NHS CARBON FOOTPRINT & NHS CARBON FOOTPRINT PLUS		2024
Scope 1	Natural Gas	14,014
	Oil	8
	Medical Gases	2,929
	Fleet	48
Scope 2	Electricity	10,020
	Upstream transportation and distribution (Category 4)	See note below
	Waste (Category 5)	623
	Business Travel (Category 6)	232

NHS CARBON FOOTPRINT & NHS CARBON FOOT- PRINT PLUS		2024
	Employee Commuting (Category 7)	38
	Downstream transportation and distribution (Category 9)	See note below
	Procurement	191,200
	Patient Catering	5,804
	Restaurant Catering	1,519
	Water	142
Total		226,577

Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	14,249 tCO ₂ e
Scope 2	8,163 tCO ₂ e
Scope 3 & 3+	208,333 tCO ₂ e
Total Emissions	NHS Carbon Footprint: 24,189 tCO ₂ e (Scope 1, 2 & 3) NHS Carbon Footprint Plus: 206,555 tCO ₂ e (Scope 3+) Total emissions: 230,744 tCO ₂ e
Per patient emissions	0.29 tCO ₂ e

NHS CARBON FOOTPRINT & NHS CARBON FOOT- PRINT PLUS		2025
Scope 1	Natural Gas	12,243
	Oil	0
	Medical Gases	1,924
	Fleet	81
Scope 2	Electricity	8,163
	Electricity	855
	Upstream transportation and distribution (Category 4)	See note below
	Waste (Category 5)	545
	Business Travel (Category 6)	235

NHS CARBON FOOTPRINT & NHS CARBON FOOT- PRINT PLUS		2025
	Employee Commuting (Category 7)	15,638
	Downstream transportation and distribution (Category 9)	See note below
	Procurement	182,587
	Patient Catering	6,550
	Restaurant Catering	1,839
	Water	144
	Total	230,744

We don't currently calculate specific upstream and downstream transportation emissions as a separate emissions category; nor do NHS England who calculate the national NHS Carbon Footprint.

It is our understanding that 'upstream transportation and distribution' emissions relate to indirect GHG emissions associated with purchased or acquired goods and services. All our procurement and supply chain emissions, included in our 'procurement' category, are calculated using a 'top-down' spend model using EClass III codes and associated kgCO₂e per £ spent conversion factors.

Downstream emissions - indirect GHG emissions related to transportation and distribution of products sold by the reporting company - are not calculated as part of our carbon footprint as we are a healthcare provider rather than the seller of goods.

Emissions reduction targets

In line with the [Delivering a Net Zero National Health Service report](#), we aim to reach net zero for our 'NHS Carbon Footprint' by 2040 and for our 'NHS Carbon Footprint Plus' by 2045.

Our Environmental and Sustainability Green Plan is a publicly available document: [green-plan-20202025.pdf](#). *Please note an updated Green Plan (2025-2028) is currently awaiting Board approval and will be available on our website very soon.*

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

'NHS Carbon Footprint' reduction targets:

The 'NHS Carbon Footprint' comprises emissions from sources that we control directly, including scope one and two emissions and some scope three emissions such as business travel, waste and water.

Target Detail	Target annual emissions	Deadline
80% reduction	5,544 tCO ₂ e	2028-2032
Net zero	0	2040

'NHS Carbon Footprint Plus' reduction targets:

The 'NHS Carbon Footprint Plus' comprises emissions from sources that we influence, including staff commuting, medicines, food/catering and medical devices.

Target Detail	Target annual emissions	Deadline
80% reduction	32,651 tCO ₂ e	2036-2039
Net zero	0	2045

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The Trust has made credible progress across several core sustainability domains, establishing a baseline from which focused 2026 improvement activity will be delivered, these include:

- Food and nutrition: ERIC-aligned food waste measurement processes are embedded; food waste reduction initiatives (including food dryers, redistribution schemes and reusable container incentives) are operational.
- Waste and recycling: Catering plastics have been largely eliminated where feasible; work is underway to meet statutory Simpler Recycling requirements.
- Workforce development: Sustainability training provision has expanded despite not being mandatory; delivery models and internal capability (Environmental Champions network) are established.
- Clinical emissions: Desflurane has been fully decommissioned; nitrous oxide waste has reduced by an estimated 15% following implementation of the NHS waste reduction toolkit.
- Estates decarbonisation: Externally funded solar schemes are in delivery across multiple sites; LED lighting upgrades have been implemented and further schemes funded.
- Digital transformation: Paper consumption has reduced by 27% against the 2018/19 baseline due to digital pathways and electronic documentation.
- Travel and transport: A 44% reduction in fleet mileage and a 15% reduction in related emissions has been achieved since 2018/19.
- Adaptation: An organisational adaptation plan is in place and under review, with climate risks increasingly reflected in emergency preparedness and incident reporting.

Planned Carbon Reduction Initiatives

For 2026, the Trust will focus on the following ten KPIs, which have been selected to balance impact, deliverability and data reliability, and to support effective Board oversight:

1. **10% reduction in food waste** Measured through ERIC (Estates Returns Information Collection) returns; assurance through Estates and Facilities Performance Group.
2. **10% increase in uptake of lower-carbon food options** Measured via catering data and menu composition: assurance through Energy and Carbon Group.
3. **10% increase in recycling rates** Measured through waste stream ratios: assurance through Estates and Facilities Performance Group.
4. **200 colleagues attending sustainability training** Measured through recorded attendance: assurance through Estates and Facilities Performance Group.
5. **Further reduction in nitrous oxide consumption** Measured by volume and emissions data; assurance through Energy and Carbon Group.
6. **Increase in on-site renewable energy generation** Measured by proportion of electricity demand met by on-site renewables, assurance through Energy and Carbon Group.

7. **10% increase in LED lighting coverage** Measured by gross internal area (GIA) covered by LED lighting; assurance via ERIC.
8. **10% reduction in paper consumption** Measured through procurement data: assurance through Energy and Carbon Group.
9. **5% reduction in high-emission** fleet vehicles Measured by fleet composition; assurance through Energy and Carbon Group.
10. **7% increase in adaptation framework** completion Measured against defined adaptation actions and International Standardisation Organisation (ISO) aligned planning milestones; assurance through EPRR governance.

These KPIs will be monitored throughout 2026, with exception reporting where material variance arises.

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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

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:



Elaine Dower

Date: 21 July 2026

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>