



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, as a condition of participation, to submit a CRP which details their organisational carbon footprint and confirms their commitment to achieving net zero by 2050.

CRPs are to be completed by the bidding supplier 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 2050.¹¹

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 CRP 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 Standard¹² and Guidance, 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
- 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 CRP may only be a temporary measure to satisfy this particular condition of participation.

The CRP 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 objectives of the CRP within their strategic plans.

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

¹¹ 'Bidding supplier' or 'bidding entity' means, for the purpose of this guidance, the organisation with whom the Contracting Authority will enter into a contract if it is successful.

¹² <https://www.gov.uk/government/publications/ppn-006-guidance-on-taking-account-of-carbon-reduction-plans-adopting-and-applying-conditions-of-participation-html>

Carbon Reduction Plan template

Supplier name	Vantive Limited
Publication date	28/10/26

Commitment to achieving net zero

Vantive Limited is committed to achieving net zero emissions by 2045.

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.

Please see Appendix for more information on the details from the below tables.

Baseline year: 2025	
Additional details relating to the baseline emissions calculations:	
1st January 2025 – 31 st December 2025.	
Baseline year emissions:	
Emissions	Total (tCO ₂ e)
Scope 1	8,253 (57%)
Scope 2	1,678 (12%)
Market-based (0 tCO ₂ e)	
Location-based (1,678 tCO ₂ e)	
Scope 3 Comprising:	4,468 (31%)
- Waste	
- Employee commuting	
- Business travel (grey fleet)	
- Upstream transportation and distribution	
- Downstream transportation and distribution	
Total emissions	14,399

Baseline Recalculation Statement

Vantive UK has revised its Carbon Reduction Plan baseline year from 2024 to 2025. Following its separation from Baxter Healthcare on 1 February 2025, Vantive became a standalone organisation. As a result, 2025 represents the first reporting year under Vantive's independent organisational structure.

In addition, the 2025 reporting year provides a more complete and representative emissions dataset for the organisation. Accordingly, 2025 has been selected as the baseline year against which future emissions reductions and progress towards Net Zero will be measured.

Current emissions reporting

Reporting year: 2025	
Emissions	Total (tCO ₂ e)
Scope 1	8,253 (57%)
Scope 2	1,678 (12%)
Market-based (0 tCO ₂ e)	
Location-based (1,678 tCO ₂ e)	
Scope 3 (included sources)	4,468 (31%)
Total emissions	14,399

Emissions reduction targets

In order to continue progress towards achieving Net Zero, Vantive Limited has adopted carbon reduction targets focused on improving operational energy efficiency, reducing energy consumption, enhancing emissions data quality and increasing the use of primary activity data across the business.

Vantive Limited projects that carbon emissions will decrease through the continued implementation of carbon reduction initiatives identified through energy assessments and operational reviews. Carbon reduction opportunities already implemented or identified are estimated to deliver annual carbon savings of approximately 810 tCO₂e by 2030, equivalent to a reduction of approximately 5.6% against the 2025 baseline emissions.

This reduction is expected to be achieved through:

- Energy Efficiency Projects - Energy efficiency initiatives implemented during 2025 are estimated to deliver annual savings of 593 tCO₂e, equivalent to 4.1% of baseline emissions.
- Future Carbon Reduction Initiatives - A further 196 tCO₂e of annual emissions reduction has been identified through opportunities outlined within the Future Carbon Reduction Initiatives section, representing an additional 1.4% reduction against the baseline footprint.
- Scope 3 Employee Commuting - Continued transition towards lower-emission vehicles. Based on current market trends, it is estimated that increased electric vehicle adoption across the workforce could reduce emissions by approximately 20 tCO₂e, representing 0.1% of baseline emissions.

Additional initiatives, targets and measures will continue to be developed throughout 2026 and beyond as Vantive Limited further improves emissions data quality, refines reduction opportunities and progresses towards its Net Zero commitment.

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented. The carbon emission reduction achieved by these schemes equates to approximately 593 tCO₂e, representing a 4.1% reduction against the 2025 baseline emissions.

During 2025, Vantive Limited implemented a number of energy efficiency projects identified through ESOS assessments. These initiatives focused on improving operational efficiency across manufacturing and site operations and included improvements to process controls, heating and hot water systems, compressed air systems, lighting and wider energy management practices.

The projects implemented to date are estimated to deliver annual carbon savings of approximately 593 tCO₂e once operating over a full reporting cycle. These measures form an important step in reducing energy consumption and supporting Vantive Limited's long-term Net Zero objectives.

Vantive Limited also continued to improve the quality and completeness of its carbon reporting during 2025. Improvements were made to Scope 3 reporting, particularly within upstream transportation and distribution and downstream transportation and distribution, through the increased use of primary activity data including shipment distances and weights. As a result, emissions reported for 2025 are considered representative of actual business activity.

Future carbon reduction initiatives

Vantive Limited intends to implement further carbon reduction measures, many of which have been identified through its ESOS assessment programme and are detailed within the ESOS Opportunities Table in the Appendix. These measures include:

- Installation of additional solar photovoltaic (PV) generation.
- Replacement of remaining fluorescent lighting with LED lighting and controls.
- Improved monitoring, targeting and management of energy consumption through enhanced energy management systems.
- Further optimisation of chilled water, heating, compressed air and manufacturing processes.
- Continued review and implementation of opportunities identified through ESOS assessments.
- Continued employee engagement and awareness initiatives to support lower-carbon travel and commuting practices.

The opportunities currently under review are estimated to deliver a further reduction of approximately 196 tCO₂e per year, equivalent to around 1.4% of the 2025 baseline emissions.

Scope-Specific Pathway to Net Zero

Scope 1 emissions remain the largest contributor to Vantive Limited's carbon footprint and are primarily associated with natural gas consumption within manufacturing processes. Vantive Limited recognises that achieving significant reductions in Scope 1 emissions will require continued energy efficiency improvements and, in the longer term, the adoption of lower-carbon alternatives as technologies and infrastructure develop.

Scope 2 emissions are already reduced through the procurement of renewable electricity. Vantive Limited continues to explore opportunities to further reduce electricity-related emissions through on-site renewable energy generation, including solar PV installations, alongside wider energy efficiency initiatives designed to reduce overall electricity consumption.

Scope 3 remains an important area of focus for Vantive Limited. During the 2025 reporting period, improvements were made to the collection of transportation and distribution data, allowing shipment weights and distances to be incorporated into emissions calculations for a greater proportion of activities. This has improved the robustness and accuracy of reported emissions.

Vantive Limited will continue to improve Scope 3 reporting through:

- Business Travel – Improving the completeness of travel reporting, including accommodation-related emissions where available.
- Waste Generated in Operations – Continuing efforts to reduce operational waste through process improvements and opportunities identified through ESOS assessments.
- Downstream Transportation and Distribution – Increasing the use of customer-specific transport data to improve the accuracy of emissions calculations.
- Employee Commuting – Continuing to improve data collection and monitoring of employee travel patterns and lower-emission commuting options.

As Vantive Limited's understanding of its emissions profile continues to mature, the business will further strengthen governance, ownership and accountability for carbon reduction activities. Future Carbon Reduction Plans will continue to reflect improvements in data quality, carbon management and progress towards Net Zero.

Declaration and sign off

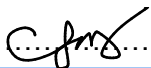
This Carbon Reduction Plan has been completed in accordance with PPN 0621 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹³ and uses the appropriate government emission conversion factors for greenhouse gas company reporting.¹⁴

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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.¹⁵

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:

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CASSANDRA LABIELLE BOA (Oct 22, 2026 11:32:11 GMT+1)

Date:

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>

Appendix

Methodologies

Table 2. Methodologies and assumptions used to calculate carbon emissions in table 1.

Scope	Category	Methodology/Assumptions
Scope 1	Company owned vehicles	Estimated mileage
Scope 1	Gas	Supplier invoices
Scope 2	Purchased electricity	Supplier invoices
Scope 3.4	Upstream Transportation and Distribution	Spend based estimation, distances and weight
Scope 3.5	Waste Generated in Operations	Waste data provided by supplier
Scope 3.6	Business Travel	Estimated mileage
Scope 3.7	Employee Commuting	Survey completed
Scope 3.9	Downstream Transportation and Distribution	Country of Origin/destination and weight

Exclusions and assumptions

This report covers all data that Vantive Limited have available to them since they started trading as a standalone business on 1st February 2025.

Vantive Limited expects to provide improved reporting, and an updated Carbon Reduction Plan for the period 01/01/2026 – 31/12/2026.

ESOS Phase 3 Opportunities

Location	Opportunity Title	Energy Saving kWh/yr	Cost Saving £/yr	Carbon Saving tCO ₂ e/yr	Capital Cost £	Payback Period yrs
Whole site	Utilise E-Sight software and link with production	325,221	31,975	61.3	15,000	0.5
Whole site	Replace remaining fluorescent lighting with LEDs and controls	126,175	18,433	24.4	64,715	3.5
Wavertree Boulevard Building	Obtain a "Good Quality CHP" (GQCHP) certificate and claim 100% CCL exemption on gas used by engine		81,915	0.0	0	0.0
Wavertree Boulevard Building	Improve control of chilled water circulation pumps and water tower fans	63,000	9,204	12.2	10,000	1.1
Wavertree Boulevard Building	Change spray dryer intake air source	3,724	148	0.7	3,000	20.3
Wavertree Boulevard Building	Stop unnecessary recirculation of hot water through UF1 at the end of each batch	194,250	28,378	37.6	0	0.0
Wavertree Boulevard Building	Reduce activated carbon purification cycle from 10.5 hours to 5 hours	84,700	12,374	16.4	0	0.0
Wavertree Boulevard Building	Send UF2 waste water currently dumped every 5 batches to effluent collection tank	27,930	1,110	5.1	5,000	4.5
Rutherford Close Building	Replace fixed speed compressor with variable speed drive (VSD) compressor	66,528	9,719	12.9	20,000	2.1
Wavertree Boulevard Building	Direct waste water with high sugar content to anaerobic digester to generate gas for gas engine CHP instead of shipping off site		0	0.0	0	
Wavertree Boulevard Building	Install Solar PV system on factory roof, and potentially unused ground area at side of factory.	133,345	19,480	25.8	198,000	10.2
Whole site	Investigate the possibility of obtaining a Climate Change Agreement (CCA)		227,715	0.0	40,000	0.2