

OSPREY EMS LTD

Carbon Reduction Plan

Commitment, emissions reporting and delivery programme

Status: Approved & published

Document control	Details
Organisation	Osprey EMS Ltd
Company number	14669394
Registered address	431 Corporation Road, Birkenhead, CH41 8FA
Version	Version 1.0
Issue date	30 July 2026
First reporting period	1 July 2025 to 30 June 2026
Net Zero target	2050 or earlier
Responsible Director	Adam Coburn, Co-Founder & Commercial Director
Approval status	

Approved by Osprey EMS Ltd and published at:

https://osprey-ems.co.uk/wp-content/uploads/2026/08/Osprey_EMS_Carbon_Reduction_Plan_v1.0-FINAL.pdf

1. Executive summary

Osprey EMS Ltd is a CQC-registered private ambulance and medical services provider based in Birkenhead, Wirral. We provide secure and non-emergency patient transport, private transfers, repatriations, event medical cover and clinical staffing across North West England, North Wales and the wider United Kingdom by arrangement.

Osprey EMS Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050 or earlier for its UK operations. This plan establishes the organisation's carbon-management framework, first reporting boundary, reduction priorities, governance arrangements and evidence-improvement programme.

Director commitment: Patient safety, clinical readiness and regulatory compliance remain paramount. Carbon reduction will be integrated into fleet, estates, procurement and workforce decisions without compromising safe service delivery.

2. Organisational boundary and methodology

This Carbon Reduction Plan covers Osprey EMS Ltd as the bidding and contracting entity. The reporting boundary uses the financial-control approach and includes UK activities over which Osprey EMS Ltd directs financial and operating policy.

Area	Included in reporting boundary
Fleet	Owned or financially controlled ambulances and response vehicles; fuel used for Osprey operations
Premises	Energy attributable to the Osprey EMS base at 431 Corporation Road, Birkenhead
Workforce travel	Business travel and commuting associated with Directors and the bank workforce, where data is available
Waste	Operational, general and clinical waste generated through Osprey activities
Supply chain transport	Relevant upstream and downstream transportation and distribution not already included in Scope 1

Emissions are calculated in tonnes of carbon dioxide equivalent (tCO₂e) using the 2026 UK Government greenhouse gas conversion factors. Fleet diesel uses 2.58354 kg CO₂e per litre; purchased electricity uses 0.13096 kg CO₂e per kWh; employee commuting uses the average car, unknown-fuel factor of 0.26699 kg CO₂e per mile; and waste uses the commercial and industrial waste to landfill factor of 520.58023 kg CO₂e per tonne as a conservative first-year assumption. The inventory covers all Scope 1 and Scope 2 emissions and the five required Scope 3 categories: upstream transportation and distribution; waste generated in operations; business travel; employee commuting; and downstream transportation and distribution.

3. Commitment to achieving Net Zero

Osprey EMS Ltd commits to achieving Net Zero greenhouse gas emissions by 2050 or earlier across the emissions included within this plan. The Board will review this commitment annually and will consider bringing the target forward as the quality of emissions data improves and lower-emission ambulance technology becomes operationally and financially viable.

Interim direction

- Establish a complete and auditable first carbon inventory for the year ended 30 June 2026.
- Reduce avoidable fuel consumption through routing, dispatch, idling controls and preventive maintenance.
- Improve energy efficiency at the Birkenhead base and reduce paper use through secure digital systems.
- Build environmental considerations into fleet replacement, procurement and supplier selection.
- Report progress annually and publish each approved plan on the Osprey EMS website.

4. Baseline emissions footprint

Osprey EMS Ltd has selected 1 July 2025 to 30 June 2026 as its first baseline reporting period. As this is the organisation's first formal Carbon Reduction Plan, the baseline year will also be the current reporting year for Version 1.0. Future plans will compare each current year against this baseline.

Completed baseline at 30 July 2026: Scope 1 is 12.697 tCO₂e, including 4,865.00 litres of fleet diesel and one 2-litre Nitronox cylinder used, with no known refrigerant losses. Scope 2 is 0.034 tCO₂e from 262.8 kWh of calculated electricity consumption. Scope 3 is 0.692 tCO₂e across all five required categories. Total baseline emissions are 13.423 tCO₂e.

Emissions scope	Category	Baseline emissions (tCO ₂ e)	Evidence status
Scope 1	Fleet diesel, Nitronox and refrigerants	12.697	Diesel 4,865 L; Nitronox 428 L; no refrigerant loss.
Scope 2	Purchased electricity	0.034 (calculated)	262.8 kWh activity-based calculation: LED lighting 7.8 kWh plus storage heating 255 kWh; 2026 UK electricity factor.
Scope 3	Upstream transport and distribution	0.050 (estimated)	Limited postal deliveries and one annual medical-gas delivery; conservative allowance.
Scope 3	Waste generated in operations	0.375 (estimated)	144 full 100 L bags x 5 kg; conservative landfill assumption. Clinical waste and sharps are immaterial at displayed precision.
Scope 3	Business travel	0.000	No company-funded flights, rail, hotels, taxis or personal-car mileage.
Scope 3	Employee commuting	0.267 (estimated)	Approximately 250 journeys / 1,000 miles; average unknown-fuel car factor.
Scope 3	Downstream transport and distribution	0.000	No subcontracted journeys; Osprey fleet activity is already in Scope 1.
Total	All reportable emissions	13.423	Completed baseline inventory; values rounded to three decimal places.

5. Data limitations and improvement programme

Osprey EMS Ltd is an SME and has not previously maintained a complete greenhouse gas inventory across all required categories. Fleet diesel has been reconciled from 17 fuel-card invoices and complete business-bank statements. Refrigerant, medical-gas, business-travel, commuting, waste and downstream-transport activity have been reviewed. Where weight or supplier transport records were not available, proportionate and conservative assumptions have been recorded. Electricity has been calculated from the identified equipment load and stated operating hours because the landlord's combined utilities and service charge does not separately meter Osprey's consumption.

The Scope 1 medical-gas estimate records one 2-litre SOS Responder Nitronox cylinder used and exchanged during the year. SOS specifies 428 litres of a 50:50 nitrous oxide/oxygen mixture per cylinder; a factor of 0.3 kg CO₂e per litre gives 0.128 tCO₂e. The rental invoice confirms two cylinders held but is not treated as evidence that both were consumed. Scope 2 uses 262.8 kWh: 7.8 kWh for three 5-watt LED lamps used 10 hours per week throughout the year, plus 255 kWh for a 1.5 kW storage heater used 10 hours per week over 17 winter weeks. Scope 3 estimates use 1,000 staff-commuting miles, 144 full 100-litre general-waste bags at an assumed 5 kg per bag, and a conservative 0.050 tCO₂e allowance for limited postal deliveries plus one annual medical-gas delivery.

Data stream	Primary evidence	Method	Owner	Completion target
Fleet fuel	17 fuel-card invoices and business-bank statements for the full baseline year	Actual invoice litres plus expenditure estimates at £1.6287/L; total litres × Government diesel factor	Adam Coburn	Completed 30 July 2026
Premises energy	Equipment schedule and stated operating hours	262.8 kWh × 0.13096 kg CO ₂ e/kWh; replace with allocated meter data if available.	Adam Coburn	Completed 30 July 2026
Waste	Management estimate; future waste records	144 bags × 5 kg × commercial/industrial landfill factor; replace with weighed data.	Samuel Hartley	Estimated; improve in 2026/27
Business travel	Expense and travel-record review	No reportable activity identified	Adam Coburn	Completed 30 July 2026
Employee commuting	Management estimate; staff survey planned	1,000 miles × average car, unknown-fuel conversion factor	Jayne Bennett	Estimated; survey by 31 August 2027
Supply-chain transport	Supplier-delivery estimate	0.050 tCO ₂ e allowance; request supplier route data next cycle	Adam Coburn	Estimated; supplier data by 31 August 2027

6. Carbon reduction projects and measures

The following measures are in effect or planned. They are designed to be practical for a safety-critical ambulance operator and capable of being applied to NHS contract delivery.

Workstream	Measure	Timing	Evidence/KPI
Fleet efficiency	Plan journeys and crew positioning to cut unnecessary mileage without reducing resilience.	Immediate and ongoing	Mileage per journey; empty miles
Reduced idling	Switch off engines when safe and record operational or clinical exceptions.	From Q3 2026	Fuel use; idling observations
Preventive maintenance	Maintain 12-week inspections, annual servicing and tyre-pressure checks.	Ongoing	Inspection compliance; MPG
Fleet renewal	Assess emissions, whole-life cost and suitability in replacement or leasing decisions.	At each procurement	Emissions class; lower-emission share
Digital systems	Use secure electronic rostering, checks and records where lawful and safe.	2026-2028	Electronic record rate; paper use
Premises energy	Use LED lighting, equipment switch-off and efficient heating controls.	2026-2027	Electricity kWh; completed actions
Waste	Segregate waste correctly and reduce avoidable single-use materials without compromising IPC.	Ongoing	Waste data; segregation checks
Procurement	Prefer local, durable, repairable or lower-carbon options where suitable and proportionate.	From 2026	Relevant decisions recorded
Workforce engagement	Issue annual carbon-awareness information and encourage lower-carbon commuting.	From 2026	Communication completion

7. Environmental objectives, 2026-2030

Objective	Target	Measurement	Review
Complete first verified inventory	100% of material Scope 1 and 2 data and required Scope 3 categories quantified or transparently explained.	Annual tCO ₂ e inventory and evidence file	Annually
Improve fleet efficiency	Year-on-year improvement in fuel efficiency where the operating mix permits.	Litres, miles, MPG and tCO ₂ e	Quarterly
Reduce avoidable mileage and idling	Documented dispatch and idling controls embedded in operations.	Journey review and exception records	Quarterly
Reduce paper dependence	Digital-first administration and operational records where lawful, safe and secure.	Paper purchases and electronic record rate	Annually
Strengthen sustainable procurement	Environmental considerations recorded for relevant fleet, equipment and supplier decisions.	Procurement records	Annually
Increase staff awareness	Annual environmental communication issued to Directors and bank workforce.	Distribution/training record	Annually

Osprey EMS Ltd aims to reduce absolute emissions by at least 10% against the 2025/26 baseline by 30 June 2030, from 13.423 tCO₂e to no more than 12.081 tCO₂e. Progress will be reviewed annually, with an indicative milestone of no more than 12.752 tCO₂e by 30 June 2028 (a 5% reduction). The trajectory will be delivered principally through fleet efficiency, reduced idling and avoidable mileage, preventive maintenance, energy controls and lower-carbon fleet options when clinically and financially viable. Targets remain subject to patient safety, service availability and material changes in activity, but any adjustment will be explained transparently in the next annual plan.

8. Governance and annual review

The Board of Directors retains accountability for this plan. Adam Coburn, Co-Founder & Commercial Director, is the Net Zero Corporate Champion and Net Zero and Social Value Contract Champion. He will coordinate emissions evidence, progress reporting and publication. Samuel Hartley, Managing Director and Registered CQC Manager, will oversee the clinical and operational safety of measures affecting service delivery.

- The plan will be reviewed at least annually and within six months of the organisation's financial year-end.
- Each annual update will use a consistent reporting period and the latest applicable UK Government conversion factors.
- Material methodology changes, assumptions and data limitations will be recorded transparently.
- The current approved plan will be clearly signposted on www.osprey-ems.co.uk, with earlier versions retained where practicable.

9. Declaration and sign-off

Approval gate: The emissions inventory and reduction trajectory are complete. The Board should review and approve this plan before the declaration is signed, dated and published.

This Carbon Reduction Plan has been prepared with reference to the current NHS Carbon Reduction Plan requirements and the technical reporting standard associated with Procurement Policy Note 006. Emissions will be reported using the Greenhouse Gas Protocol Corporate Standard and the appropriate UK Government greenhouse gas conversion factors.

This plan has been reviewed and approved by the Board of Directors of Osprey EMS Ltd.

Approval field	To be completed
Signed on behalf of Osprey EMS Ltd	
Name	Adam Coburn
Position	Co-Founder & Commercial Director
Date of approval	03 August 2026
Board approval record/reference	N/A – Approved by director

10. Reference framework

This plan has been structured with reference to:

- NHS England: Carbon reduction plan and net zero commitment requirements for the procurement of NHS goods, services and works (Version 3, December 2025).
- UK Government: PPN 006 Technical Standard for Completion of Carbon Reduction Plans.
- Greenhouse Gas Protocol: Corporate Accounting and Reporting Standard and Corporate Value Chain (Scope 3) Standard.
- UK Government greenhouse gas reporting conversion factors applicable to the reporting year.