

PPN006 Carbon Reduction Plan (Gov Template)

Introduction

GPS Marine and Civil Services Ltd (GPS MACS) maintains a comprehensive Carbon Reduction Plan detailing the company's emissions baseline, reporting methodology, reduction targets, planned initiatives and governance arrangements. The full Carbon Reduction Plan is available upon request.

This document has been prepared using the prescribed government template to meet the mandatory requirements of Procurement Policy Note PPN 006 for applicable government contracts. It provides a summary of GPS MACS's carbon emissions, commitment to achieving Net Zero by 2050 and the carbon reduction measures that will be applied when performing relevant contracts.

Supplier name: GPS Marine and Civil Services Ltd

Publication date: 19/05/2026. (Updated 04/09/2026)

Commitment to achieving Net Zero

GPS Marine and Civil Services Ltd is committed to achieving Net Zero emissions by 2050

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: 2025

Additional Details relating to the Baseline Emissions calculations.

GPS Marine and Civil Services Ltd established its first formal greenhouse gas emissions baseline during the 2025 reporting period.

As this represents the company's initial emissions assessment, the baseline has been developed using the most material and accessible operational data available at the time of reporting. Initial reporting includes Scope 1 emissions associated with fuel use and direct operations, Scope 2 emissions from purchased electricity, and relevant Scope 3 categories including business travel, transport activities, and waste generation.

Certain Scope 3 categories, including embodied carbon associated with construction materials and wider supply chain emissions, have not yet been fully incorporated where sufficient and reliable project data was not available. This is particularly relevant to retrospective assessment of construction materials, supplier emissions information, and marine logistics activities where direct fuel records were not consistently available.

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Where complete operational records were unavailable, reasonable and proportionate estimation methodologies were applied using available operational information and recognised UK Government conversion factors.

This baseline has therefore been developed to provide a practical and repeatable starting point for future reporting and target setting. GPS MACS intends to improve the completeness, granularity, and accuracy of reporting over time as data capture, fuel management, logistics tracking, and embodied carbon measurement processes mature.

No material organisational restructuring or changes to reporting boundaries occurred during development of this baseline.

Baseline year emissions: 2025

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	540.44
Scope 2	53.84
Scope 3 (Included Sources)	53.84
Total Emissions	595.57

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Current Emissions Reporting (same as baseline)

As 2025 represents GPS Marine and Civil Services Ltd's baseline reporting year, no reduction against the baseline can yet be quantified.

The recorded reduction since the baseline is therefore **0 tCO₂e and 0%**.

The environmental management measures and initiatives detailed below have been implemented or commenced and will remain in effect when performing the contract. Their carbon reduction impact will be measured through future annual reporting cycles.

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	540.44
Scope 2	53.84
Scope 3 (Included Sources)	53.84
Total Emissions	595.57

Emissions reduction targets

GPS Marine and Civil Services Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050.

Using 2025 as the baseline year, GPS MACS has established an initial greenhouse gas emissions inventory of 595.57 tCO₂e and has used this data to define its first emissions reduction targets.

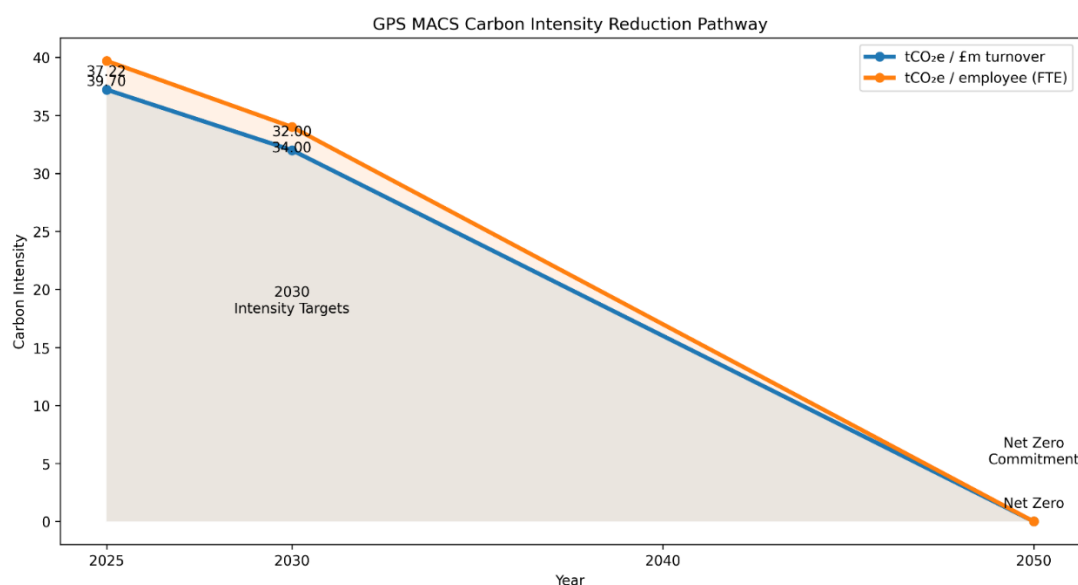
GPS MACS recognises that marine and civil engineering activities involve inherently carbon-intensive operations, including marine transport, plant use, logistics, and the use of construction materials such as steel and concrete. Accordingly, reduction targets have been developed to focus on improving carbon efficiency while recognising that overall emissions may fluctuate in line with project delivery volumes, operational demand, and business growth.

Accordingly, GPS MACS will monitor both absolute emissions and emissions intensity metrics to assess progress towards Net Zero and improve carbon performance independently from changes in business activity.

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Reduction Targets

Target	Baseline	Target Year
Maintain commitment to Net Zero	595.57 tCO ₂ e	2050
Reduce emissions intensity to ≤32 tCO ₂ e / £m turnover	37.22	2030
Reduce emissions intensity to ≤34 tCO ₂ e / employee (FTE)	39.70	2030
Establish embodied carbon reporting covering major materials	Not established	2027
Expand Scope 3 reporting maturity and completeness	Partial	2027



Carbon Reduction Projects

As 2025 is GPS Marine and Civil Services Ltd's baseline year, there has not yet been a subsequent full reporting period against which emissions reductions can be measured.

Consequently, as this is the first reporting cycle, no separately quantifiable emissions reduction has yet been achieved against the baseline. The reportable reduction is therefore 0 tCO₂e, equivalent to 0% of the 2025 baseline.

This does not mean that no action has been taken. Since establishing the baseline, GPS MACS has implemented the following measures:

- Centralised monitoring and recording of fuel used by company vehicles, plant, generators and marine vessels.
- Improved mobilisation and marine logistics planning to reduce unnecessary plant, vessel and transport movements.
- Increased use of digital systems to reduce printing, physical document handling and avoidable business travel.
- Integrated carbon and fuel-efficiency considerations into project planning, procurement and operational delivery.
- Implemented an ISO 14001-certified environmental management system to support the control, monitoring and continual improvement of environmental performance.

These measures will remain in effect when performing the contract. Their impact will be monitored during the 2026 reporting period and quantified, where sufficient supporting data is available, in the next annual Carbon Reduction Plan.

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Future carbon reduction initiatives

GPS Marine and Civil Services Ltd will continue to implement practical measures addressing aimed at reducing emissions from its most material sources, particularly fuel use, plant and vessel operations, transport, logistics and construction materials.

The following measures will be applied where relevant and practicable when performing the contract.

Operational Planning and Delivery

- Plan and sequence works to minimise unnecessary plant, vessel and generator runtime.
- Reduce idling through improved supervision and operational controls.
- Consider carbon emissions when selecting construction methods, plant, equipment and mobilisation arrangements.
- Use prefabricated components where this can reduce site activity, transport, material waste and rework.
- Incorporate carbon and resource-efficiency considerations into project planning, procurement and delivery.

Plant, Equipment and Marine Operations

- Improve the monitoring of fuel used by vehicles, plant, generators and vessels.
- Centralise fuel-purchasing and recording arrangements to improve the accuracy of emissions reporting.
- Maintain plant and equipment to support efficient operation and reduce unnecessary fuel consumption.
- Select appropriately sized plant and equipment for the work being undertaken.
- Consider equipment with improved emissions performance when purchasing or hiring plant.
- Assess the suitability of lower-emission fuels, including HVO, taking account of availability, sustainability credentials, manufacturer requirements and operational suitability.

Transport and Logistics

- Coordinate mobilisation, demobilisation, deliveries and collections to reduce unnecessary journeys.
- Consolidate loads and movements where practicable.
- Prioritise suitable local suppliers and equipment providers where this can reduce transport emissions.
- Compare road and marine transport options during logistics planning, taking account of distance, load, vessel or vehicle efficiency and the number of movements required.
- Assess opportunities to mobilise from controlled yard locations and transport equipment by river where this provides a demonstrable operational and carbon benefit.

Energy and Facilities

- Monitor electricity consumption at offices, yards and other facilities under GPS MACS control.
- Reduce unnecessary energy use through operational controls and workforce awareness.
- Consider energy efficiency and emissions performance when purchasing or replacing equipment.

Procurement and Materials

- Improve the recording of quantities and supplier information for concrete, steel, aggregates and fabricated components.
- Establish embodied-carbon reporting for major construction materials by 2027.
- Engage with suppliers to obtain relevant environmental information and Environmental Product Declarations where available.

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- Consider lower-carbon materials, recycled content and alternative construction methods where technically suitable.
- Reduce over-ordering, material waste and rework through improved planning and material control.
- Consider whole-life carbon and transport impacts when selecting materials and suppliers.

Waste and Resource Management

- Reduce waste through accurate ordering, appropriate storage and improved material control.
- Increase the segregation, reuse and recycling of waste where practicable.
- Identify opportunities for the beneficial reuse of suitable soils, aggregates and construction materials.
- Monitor waste quantities and disposal routes to identify further reduction opportunities.

Digitalisation and Business Travel

- Continue using digital systems to reduce printing and physical document handling.
- Use remote meetings and digital collaboration where these can avoid non-essential travel.
- Improve the recording of business travel and employee commuting emissions as part of expanded Scope 3 reporting.

Progress against these measures will be reviewed annually.

GPS MACS aims to establish more complete Scope 3 and embodied-carbon reporting by 2027 and reduce emissions intensity to no more than **32 tCO₂e per £1 million turnover** and **34 tCO₂e per employee by 2030**.

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Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standards 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 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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:



Alan Cook

Commercial Director

04/09/2026

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>