Carbon Reduction Plan

Commitment to Achieving Net Zero

Horizon Construction (East Anglia) Ltd is committed to achieving

Net Zero greenhouse gas emissions by 2045.

This commitment applies across our operations and supply chain activities and is supported by continual investment in carbon measurement, emissions reduction initiatives, responsible procurement and sustainable construction practices

Baseline Emissions Footprint

Baseline Year: 2023

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were recorded prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Horizon Construction (East Anglia) Ltd established its baseline emissions inventory in 2023. Since this baseline was established, the organisation has significantly improved the completeness and accuracy of carbon reporting through the inclusion of additional operational sites, construction activities and Scope 3 emission categories.

Whilst the baseline year remains unchanged in accordance with PPN 06/21 requirements, reporting boundaries have expanded substantially. As a result, emissions reported in subsequent years reflect both organisational growth and more comprehensive reporting coverage.

Baseline Emissions (2023) – HC Office Only

Emissions Source	Emissions (tCO_2e)
Scope 1	9.7
Scope 2	10.5
Scope 3	16
Total Emissions	**36.2**

Carbon Reduction Plan

Reporting Boundary Development

Since 2023, Horizon Construction has progressively expanded its greenhouse gas reporting boundary to improve transparency, data quality and alignment with Planet Mark and GHG Protocol reporting principles.

Evolution of Carbon Reporting

Reporting Year	Scope 1	Scope 2	Scope 3	Total (tCO_2e)
2023	9.7	10.5	16.0	36.2
2024	27.0	6.3	15.5	48.0
2025	56.1	9.2	117.9	183.1
2026	66.7	60.9	196.0	323.6

Reporting Boundary Changes

Year	Reporting Boundary Development
2023	Initial baseline covering office operations, electricity, fuel consumption, company vehicles, business travel, employee commuting, water, waste and paper procurement.
2024	Enhanced operational reporting and improved collection of business activity data.
2025	Inclusion of additional construction activity emissions, increased operational data capture and wider Scope 3 reporting.
2026	Expanded organisational boundary covering 13 operational locations together with additional Scope 3 reporting categories including upstream transportation and distribution and fuel and energy related activities.

Understanding the Increase in Reported Emissions

Between 2023 and 2026, Horizon Construction significantly expanded the organisational and operational boundary used for carbon reporting. This resulted in substantial increases in reported emissions as additional activities, project sites and Scope 3 categories were incorporated into the inventory.

The increase in reported emissions therefore reflects:

- Improved reporting completeness.
- Inclusion of additional operational locations.
- Inclusion of construction project activities.
- Broader Scope 3 emissions reporting.
- Increased organisational activity and growth.
- Enhanced data quality and verification processes.

The increase should not be interpreted solely as a deterioration in carbon performance but as the result of a more comprehensive and mature carbon accounting methodology.

Current Emissions Reporting

Reporting Year: 2026

The current carbon footprint has been calculated in accordance with:

- The Greenhouse Gas Protocol Corporate Accounting and Reporting Standard.
- UK Government Environmental Reporting Guidelines.
- PPN 06/21 Carbon Reduction Plan Technical Standard.

Current Emissions Footprint (2026)

Emissions Source	Emissions (tCO_2e)
Scope 1	66.7
Scope 2	60.9
Scope 3	196.0
Total Emissions	**323.6**

Included Emission Sources

Scope 1, Scope 2 and applicable Scope 3 emissions include:

- Company owned and leased vehicles.
- Fuel consumption.
- Electricity consumption.
- Office operations.

- Construction project activities.
- Waste management.
- Business travel.
- Employee commuting.
- Fuel and energy related activities.
- Upstream transportation and distribution.

Like-for-Like Performance Assessment

Where appropriate, Horizon Construction reviews like-for-like and normalised emissions data to understand genuine environmental performance improvements separate from the impact of newly reported activities or expanded reporting boundaries.

Emissions Reduction Targets

Horizon Construction remains committed to reducing greenhouse gas emissions and supporting the UK Government's Net Zero objectives.

Whilst reporting boundaries have evolved significantly since the baseline year, the company continues to implement measures aimed at reducing operational and supply chain emissions.

Our objectives are to:

- Improve energy efficiency across offices and sites.
- Reduce fuel consumption and transport emissions.
- Increase waste diversion from landfill.
- Improve material efficiency.
- Work collaboratively with suppliers to reduce embodied carbon.
- Increase carbon awareness throughout the workforce.

Progress against these objectives will be reviewed annually through our carbon footprint assessment and third-party verification process.

Expected Reduction Pathway

Carbon Reduction Plan

To demonstrate continual improvement, Horizon Construction anticipates the following reduction trajectory based on the current reporting methodology:

Year	Projected Emissions (tCO_2e)
2026	323.6
2027	307.0
2028	291.6
2029	277.0
2030	263.0

These projections will be reviewed annually based on verified emissions data, operational growth and improvements in reporting accuracy.

Carbon Reduction Projects

The following measures and projects have been completed or implemented since the 2023 baseline year.

Completed Carbon Reduction Initiatives

- Annual measurement and verification of carbon emissions.
- Achievement and maintenance of Planet Mark certification.
- Increased use of hybrid and lower-emission vehicles.
- Reduced business travel through the use of digital collaboration technology.
- Site waste segregation and recycling programmes.
- Improved material procurement and waste management practices.
- Utility monitoring across offices and project sites.
- Environmental awareness and sustainability training for employees.

Future Carbon Reduction Initiatives

Energy Management

- Increase procurement of renewable electricity tariffs where available.
- Improve energy monitoring and management across all locations.
- Continue replacement of equipment with energy-efficient alternatives.

Fleet and Transportation

- Continue fleet modernisation and transition to lower emission vehicles.
- Investigate opportunities for electric vehicles where operationally feasible.
- Implement driver efficiency and anti-idling initiatives.
- Improve route planning and logistics management.

Sustainable Procurement

- Engage suppliers on carbon reduction initiatives.
- Increase consideration of embodied carbon during procurement.
- Prioritise local sourcing where practical and commercially viable.

Waste and Circular Economy

- Reduce construction waste generation.
- Increase opportunities for reuse and recycling.
- Improve project-level waste monitoring.

Employee Engagement

- Promote sustainable travel choices.
- Deliver ongoing environmental awareness training.
- Communicate environmental performance and objectives annually.

Reporting Boundary Growth Graph

The graph included in previous versions of this Carbon Reduction Plan has been replaced to better reflect the evolution of reporting boundaries.

Reported Emissions by Reporting Year

Year	Emissions (tCO_2e)
2023	36.2

2024	48.0
2025	183.1
2026	323.6

Note: The increase in reported emissions reflects the inclusion of additional operational activities, construction sites and Scope 3 emissions categories, alongside improvements in data completeness and reporting accuracy. It should not be interpreted solely as an increase in carbon intensity.

Governance

Responsibility for implementation and monitoring of this Carbon Reduction Plan rests with the Board of Directors.

The Board will review carbon performance annually and ensure that sufficient resources are made available to support achievement of Horizon Construction's environmental objectives and Net Zero commitment.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with **PPN 06/21** and the associated guidance and reporting standard for Carbon Reduction Plans.

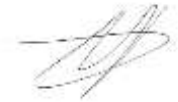
Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the **GHG Reporting Protocol Corporate Standard** and use the appropriate Government emission conversion factors for greenhouse gas company reporting.

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**.

This Carbon Reduction Plan has been reviewed and approved by the Board of Directors of Horizon Construction (East Anglia) Ltd.

Approval

Signed



Mitchell Fletcher

Group Director

Date: 01/10/2026

i. https://ghgprotocol.org/corporate-standard
ii. https://www.gov.uk/government/collections/government-conversion-factors-for-companyreporting
iii. https://ghgprotocol.org/standards/scope-3-standard