

Carbon Reduction Plan

Supplier name: Erith Contractors Limited

Publication date: 31 January 2025

Overview

The UK Government amended the Climate Change Act 2008 in 2019 by introducing a target of at least a 100% reduction in the net UK carbon account (i.e., reduction of greenhouse gas emissions compared to 1990 levels) by 2050. This is otherwise known as the 'Net Zero' Target.

Action Note PPN 06/21, "Procurement Policy Note – Taking Account of Carbon Reduction Plans in the procurement of major government contracts," sets out how to take account of suppliers' Net Zero Carbon Reduction Plans in the procurement of major government contracts.

This plan outlines Erith Contractor Limited's compliance with Action Note PPN 06/21.

Commitment to achieving Net Zero

Erith Contractors Limited is committed to achieving Net Zero emissions by 2050.

This commitment is in line with the Construction Leadership Council's Net Zero Carbon Industry Initiative and Government's pathway to Net Zero 2050. To ensure that Erith's Net Zero target is credible, meaningful and auditable, Erith have adopted the Science Based Targets initiative approach.

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: Erith Group Financial Year 2019/20 (01/10/2019 – 30/09/2020)	
Additional Details relating to the Baseline Emissions calculations.	
<p>Erith Holdings Ltd. is registered at Company House with the number 02586308, registered address is Erith House, 7 Queen Street, Erith, Kent, DA8 1RP. Emissions reporting covers both the parent company and the following subsidiaries which form the 'Erith Group':</p> <p>Erith Contractors Limited (1102060), Erith Connect Limited (15287050), Erith Haulage Company Limited (1025130), Erith Plant Services Limited (9124389), Erith Business Solutions Limited (9923076), Erith Training Limited (9661265) Swanton Consulting Limited (07307244)</p> <p>Baseline year emissions covers the consumption and emissions arising for Erith Holdings Ltd. and related business activities. Emissions data have not been officially published in prior years; therefore, we have selected Erith Group's Financial Year 2019/20 as the baseline in line with Streamline Energy and Carbon Reporting. We acknowledge that some of the baseline data for Scope 3 reporting has been collected from calendar year 2021, it is the most complete emission data set that we have and felt that it is representative. We did not have a full Scope 3 emissions data set from financial year 2019/20. Downstream transportation and distribution is not relevant to Erith Contractors activities, this scope is being reviewed for other areas of the business and will be updated as necessary.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	19,604
Scope 2	106
Scope 3	1,403
Electric T&D	9
Business Travel (including Grey Fleet)	263
Employee commuting	438
Waste Disposal	273
Upstream Transportation	420
Downstream Transportation and Distribution	0

Total Emissions	21,113
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Current Emissions Reporting

Reporting Year: Erith Financial Year 2023/24 (01/10/2023 – 30/09/2024) NB. Scope 3 emissions reported from calendar year 2024.	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	10,068
Scope 2	45
Scope 3 Electric T&D Business Travel (including Grey Fleet) Employee commuting Waste Disposal Upstream Transportation Downstream Transportation and Distribution ¹	1,530 4 273 489 260 504 0
Total Emissions	11,643

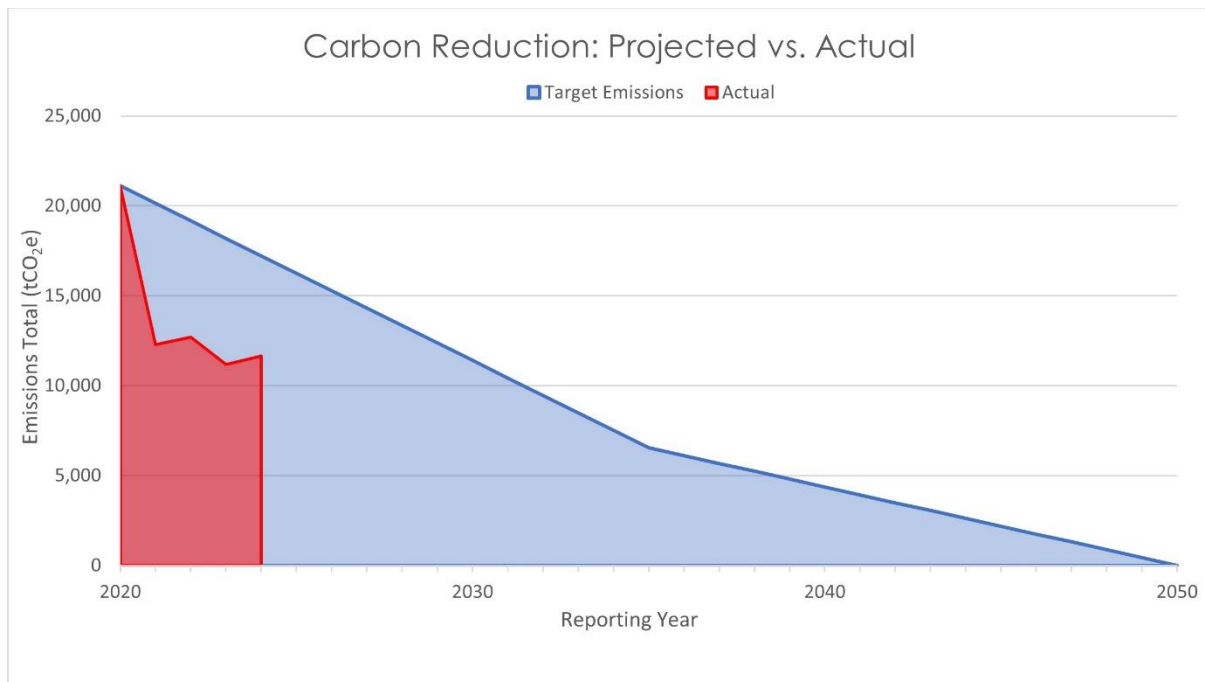
Emissions reduction targets

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

1. We commit to reduce absolute scope 1 and scope 2 GHG emissions 46.2% by 2031 from a 2019-2020 baseline. Projected that carbon emissions will decrease over the next five years to 14,750 tCO₂e by 2026. This is a reduction of 25%
2. We will continue to measure and reduce our Scope 3 emissions.

¹ Downstream transportation and distribution – Erith Haulage Company Ltd do sell end products (recycled aggregates), associated emissions have been captured in Scope 1.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 9,470 tCO₂e, a 44.9%ge reduction against the 2020 baseline and the measures will be in effect when performing the contract.

Erith have adopted the Science Based Targets initiative (SBTI) approach. Initially, to ensure we are on target to achieve Net Zero by 2050, we will set the following targets:

- An absolute reduction of our Scope 1 and 2 emissions by 2031 of 46.2% from a base financial year of 2019/2020.
- Work across our projects to accurately measure, report our Scope 3 emissions, including as a minimum: business travel, employee commuting, transportation, distribution, and waste. We will actively work with our clients and supply chain to reduce these Scope 3 emissions 46.2% within the same 10-year time frame.

The targets covering greenhouse gas emissions from company operations (scopes 1 and 2) are consistent with the Science Based Targets initiative methodology and reductions required to keep warming to 1.5°C.

During the reporting period 2023/24 Erith have:

- Reduced overhead requirements at Anchors Bay Wharf (Gas and Grid Electricity requirements).
- Managing site energy requirements and associated emissions using the following the hierarchy:
 - Connection to an adequate power supply (ideally from a renewable source).
 - Connection to an inadequate power supply with demand managed through the addition of battery storage.
 - Pure battery storage / normally charged off-site and brought on.
 - Low emission diesel generators tethered to battery to manage supply.
 - Low emission generators only.
- Use of Solar Powered equipment, Solar Pod Hybrid Generator and Battery Storage Systems with telematics, reducing generator run time, benefiting air quality, reducing carbon emissions and reducing fuel consumption.
- Collaborated with our suppliers to access and use telematics on plant and equipment, as a tool for monitoring data and managing site operations. Sharing of lessons learned about these emerging technologies, educating plant operators and supporting transition to a low emissions operating culture.
- Operated a low emission fleet strategy as per our Car Policy. The percentage of zero emission vehicles (ZEVs) and ultra low emission vehicles (ULEVs) on our company car fleet has remained unchanged at 86%. However, the continuing shift towards a zero-emission company car fleet means full electric car numbers have increased within this sector, further reducing the average CO2 emission rate for company cars to 35g/km (down from 44.3g/km).
- Our fleet includes full electric and hybrid cars, plug-in hybrid vans and all other vehicles/HGVs are Euro 6. As ULEV technology continues to evolve, Erith is updating the company's fleet with both zero and ultra low emission vehicles. During 2024 we have introduced 6no zero-emission vans to fleet.
- Continued installation of charging infrastructure at Erith premises and project sites.
- Introduction of a new fleet management software system across the entire HGV fleet. Used for logistic planning, analysing and communicating vehicle data to drivers, promoting fuel efficient driving, reducing fuel consumption and emissions.
- Continued the benefits of hosting virtual team meetings, events and training thereby reducing carbon emissions generated by travel and accommodation.

We will continue to implement further measures such as:

- Expanded and enhanced Scope 3 reporting to review transportation & distribution, goods & purchasing and continue to explore data collection options that will work across all relevant business areas.
- Engagement with clients and supply chain to discuss encourage reporting and reduction of their Scope 1 and 2 emissions (our Scope 3), offer low carbon alternatives and ensure the lifecycle emissions of materials are considered.
- All main electricity supplies within offices and site to be green supplies.
- Utilise alternative power and fuel sources for plant and equipment – electricity, hybrid, hydrogen, HVO (where it can be sufficiently procured).
- Equipment procurement – making sure that all new procured equipment has good fuel efficiency is key to reducing the consumption.
- Continue to carry out operator training and behaviour change campaigns to reduce equipment idle times, thus reducing fuel consumption.
- Continue to develop our carbon management knowledge to support the business and our clients with Life Cycle Assessments and reduce the embodied carbon of our projects. Utilise PAS Standard (PAS 2080) Carbon Management in Infrastructure and Built Environment as a guide.

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 standard² and uses the appropriate Government emission conversion factors for greenhouse gas company reporting³ (conversion factors 2023).

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) Standard⁴.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Supplier:

A handwritten signature in black ink, appearing to be 'S. May', written over a faint, light blue circular stamp.

Steven May, Group Chief Executive of the Erith Group

Date: 31/01/2025

² <https://ghgprotocol.org/corporate-standard>

³ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁴ <https://ghgprotocol.org/standards/scope-3-standard>