

Hutton Construction Limited

Carbon Reduction Plan for UK PPN 06/21

Supplier Name: Hutton Construction Limited (Hutton)

Publication Date: 13th January 2025

COMMITMENT TO ACHIEVING NET ZERO

Hutton is committed to achieving 40% greenhouse gas (GHG) emissions by 2040, for Scope 1 and Scope 2.

Hutton is committed to achieving Net Zero greenhouse gas (GHG) emissions by 2050, for Scope 1, 2 and Scope 3.

BASELINE EMISSIONS FOOTPRINT

Baseline emissions are a record of the GHGs 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 emission reductions can be measured.

Baseline Year: April 2022 – March 2023

Hutton's carbon footprint baseline measurement was calculated for the period starting on the 1st of April 2022 and ending on the 31st of March 2023 for their two sites: Birch and Stansted.

The accompanying report focused on Scope 1 (direct emissions) and Scope 2 (indirect emissions) and the baseline of Scope 3 (indirect, value chain emissions) emitted by Hutton. The data was provided by Hutton and calculated by 5D Net Zero in accordance with the UK Government Greenhouse Gas (GHG) Conversion Factors for Company Reporting meeting ISO 14065 Standard.

All measurements have been rounded to the nearest hundredth decimal place.

Baseline Year Emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1 Stationary Combustion Mobile Combustion	273.63 tCO₂e , which included: - 13.11 tCO ₂ e - 260.52 tCO ₂ e
Scope 2 Electricity usage	16.67 tCO₂e , which included: - 16.67 tCO ₂ e
Scope 3 Upstream Distribution Waste Disposal Commuter Miles Business Travel Downstream Distribution	23.81 tCO₂e , which included: - 5.8 tCO ₂ e - 0.66 tCO ₂ e - 17.35 tCO ₂ e - none reported - none reported
Total Emissions	314.11 tCO₂e

CURRENT EMISSIONS FOOTPRINT

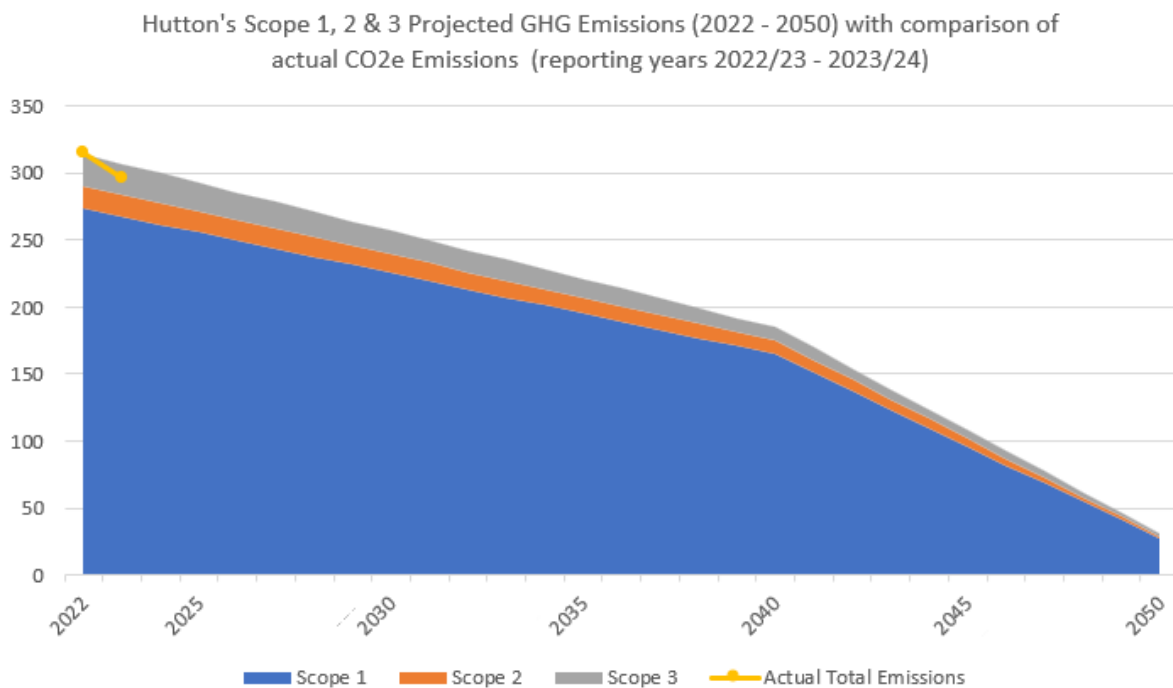
Reporting Year: April 2023 – March 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1 Stationary Combustion Mobile Combustion	217.36 tCO₂e , which included: - 12.30 tCO ₂ e - 205.05 tCO ₂ e
Scope 2 Electricity usage	17.91 tCO₂e , which included: - 17.91 tCO ₂ e
Scope 3 Upstream Distribution Waste Disposal Water Use & Treatment Commuter Miles Work From Home Business Travel Downstream Distribution	60.04 tCO₂e , which included: - 2.39 tCO ₂ e - 4.79 tCO ₂ e - 0.13 tCO ₂ e - 33.67 tCO ₂ e - 2.85 tCO ₂ e - 16.22 tCO ₂ e - none reported
Total Emissions	295.32 tCO₂e

EMISSIONS REDUCTION TARGETS

To achieve Net Zero, Hutton has set the following carbon reduction targets:

- ✔ Decrease Scope 1 & 2 carbon emissions to 174.98 tCO₂e by 2040. This is a reduction of 40%
- ✔ Strive to reduce Scope 1, 2 & 3 emissions to 31.41 tCO₂e by 2050. This is a reduction of approximately 90%

Hutton's target GHG emissions for Scopes 1, 2, 3 can be seen in the graph below:



The carbon emission reduction achieved since the baseline year equates to 11.63 tCO₂e, a 3.79% reduction against the 2022/23 baseline. Even with an expanded reporting boundary, this surpassed the predicted annual 2.43% reduction.

To remain on target, Hutton predicts core operational carbon emissions will decrease over the next 5 years to 271.08 tCO₂e, this is a total reduction of 8.21%.

COMPLETED CARBON REDUCTION INITIATIVES

The following environmental management measures and projects have been completed or implemented since the 2022/23 baseline. The carbon emission reduction achieved by these schemes equates to 11.63 tCO₂e, a 3.79% reduction against the 2022/23 baseline.

SCOPE 1

I. Stationary Combustion (Fuels)

- ✓ Boilers are serviced regularly to maintain efficiency.
- ✓ Thermostats set to optimise energy use.

II. Mobile Combustion (Vehicle Fuel)

- ✓ The company car fleet is transitioning to lower-emission vehicles.
 - Company cars are now made up of 2 electric vehicles and 18 plug-in hybrid electric vehicles.
 - EV chargers were installed at both sites, with 7 chargers now installed at Birch and 5 at Stansted.

SCOPE 2

I. UK Electricity

- ✓ Energy Efficiencies Upgrades implemented.
 - Rollout of LED lighting to increase efficiency.
 - Installation of PIR motion sensors to reduce unnecessary usage.
 - When replacing new equipment, energy-efficient items are used.
 - For example, in the new kitchen refurbishment high efficiency replacements will be prioritised.
- ✓ Behavioural change implementations.
 - Signs placed near light switches to encourage switching lights off.
 - As part of ISO14001, Hutton conducted environmental awareness training, such as energy efficiency training.
- ✓ Investigated installing on-site renewable alternatives such as solar panels, however, this is not currently a viable option. This will be monitored for future investment.

SCOPE 3

I. Waste Disposal

- ✔ A reuse-first approach was implemented with construction materials; prioritising the retention of materials in circulation.
 - Hutton has donated surplus material to charities for reuse if it cannot be used internally, rather than being disposed of.
- ✔ WEEE (Waste Electrical and Electronic Equipment), including IT equipment is donated to school projects, diverting waste from landfill.
- ✔ Encouraging the transition away from paper-based office practices to digital alternatives.

II. Upstream distribution

- ✔ Stationery is now being purchased from a local company which uses electric vans for distribution.

III. Commuter Miles

- ✔ Flexi-work time was introduced to help employees who use public transport (i.e flexible finishing times to accommodate commuting via bus).

OTHER

- ✔ Expanded reporting boundary to include water use & treatment and home working to give more extensive reporting.

PLANNED CARBON REDUCTION INITIATIVES

For our second year of targeted reduction, the following environmental management measures and projects will be carried out as part of the targeted 3.79% annual reduction from the 2022/23 baseline, aligning with our medium-term reduction goals. The measures will be in effect when reviewing our Carbon Footprint annually.

SCOPE 1

Scope 1 emissions are Hutton's largest area of emissions. These emissions primarily come through the fuel used in our fleet of vehicles and fuel cards.

Due to vehicle use being core to operations, Hutton will commit to working toward the reduction of emissions from vehicle use year on year.

I. Stationary Combustion (Fuels)

- ✔ Maintain efficiencies by continuing to service and maintain boilers regularly.
- ✔ Behavioural changes.
 - Understand barriers for staff and implement training/workshops

II. Mobile Combustion (Vehicle Fuel)

- ✔ Continue to replace old vehicles with more efficient, low-carbon vehicle options.
- ✔ Review vehicle usage to identify usage reduction.
- ✔ Continuing initiating positive behaviour change with employees.
 - Encourage driver behaviour for fuel efficiency.
 - Encourage vehicle sharing.
 - Encourage the use of public transport for business travel.
 - Encourage virtual meetings where in-person is not essential.

SCOPE 2

Scope 2 was Hutton's smallest scope for emissions, accounting for only 0.06% of total core operational emissions. However, with 100% occurring from the UK grid electricity, this is a clear area for reduction.

I. UK Electricity

- ✔ Switch to a renewable energy provider from the current non-renewable tariff by the end of the reporting year.
- ✔ Encourage small cultural and behavioural changes to reduce electricity usage and wasted energy where possible.
 - Continue to provide energy efficiency training.
 - Continue to switch to LED energy-saving lightbulbs.
 - Split light switched across offices to reduce wasted energy.
 - Expand implementation of sensors to control heating and lighting equipment

SCOPE 3

Hutton's baseline Scope 3 reviewed five categories of emission sources. The following actions are included as additional options if the team has the capacity.

I. Waste Disposal

- ✔ Research implementing a Waste Management measurements system to ensure a more accurate measure of waste.
- ✔ 'Reduce, Reuse, Repair, Rehome and then Recycle' communications and approach for all waste.
- ✔ Research food waste to align with April 2025 policy

II. Upstream distribution

- ✔ Upstream distribution delivery distance measurement system to ensure a more accurate measure of distances taken to deliver.
- ✔ Implementation of a 'Supplier code of conduct' for suppliers (where appropriate) to commit to Low Carbon delivery.

III. Commuter Miles

- ✔ Aspirational transport questionnaire (find out what staff want to do/barriers to that).
- ✔ Establish carpool clubs where relevant.
- ✔ Research the viability and potential interest of staff in salary sacrifice schemes.

DECLARATION AND SIGN-OFF


This Carbon Reduction Plan has been completed in accordance with PPN 06/21 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 Standard and used 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) Standard¹.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body) of Hutton Construction Limited.

Signed On Behalf of The Supplier:


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Date: 15th January 2025.....

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>