



2023 Carbon Reduction Plan

ACHIEVING NET ZERO BY 2040

Our commitment to achieving Net Zero

Touchstar ATC is committed to achieving Net Zero emissions by 2040.

Publication date: 08/08/2023

Baseline emissions footprint

Baseline year: 2022 (1/01/2022 – 31/12/2022)

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2022 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Baseline year emissions: 2022

Emmissions		Total (tCO ₂ e)
	Scope 1	1.1
	Scope 2	3.09
	Scope 3	253.76
Included Sources	Business travel	0.00
	Employee commuting	0.68
	Upstream transportation and distribution	1.99
	Downstream transportation and distribution	1.08
	Waste generated in operations	250.0
Total Emissions		257.95



Current emissions footprint

Reporting year: 2022 (1/01/2022 – 31/12/2022)

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Reporting year emissions: 2022

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Total Emissions		257.95

Reporting period

Touchstar ATC will publish a Carbon Reduction Plan on a yearly basis detailing emissions released from UK Operations from 1st January to 31st December.

Baseline year & current reporting year

Due to 2022 being the first year we have measured our CO₂e emissions, the report for the Baseline Year and Current Reporting year contains the same figures. Due to this, the explanations below apply to both sets of data:

Scope 1

Scope 1 is reported as 1.1 tCO₂e in 2022 as we have tracked the mileage travelled by our fleet. Touchstar ATC do not have boilers, on-site manufacturing, or f-gases to report emissions on.

Scope 2

Within Scope 2, we have measured the emissions released from working from home and the consumption of purchased gas and electricity. With all of Touchstar ATC employees making the most of hybrid working, we have calculated 2 out of 5 days as spent working from home

and the other 3 from the office. Heating, lighting and computer consumption have all been taken into account to calculate emissions released due to working from home.

Scope 3

Scope 3 is quantified as the four following sections.

Business Travel

The Business Travel Subset in Scope 3 is reported as 0 tCO₂e in the 2022 due to Touchstar ATC not currently recording the travel falling within the scope of the sub-set. We are looking to ask staff to report any travel monthly and will therefore re-baseline once the subset can be confidently reported.

Employee Commuting

The emissions resulting from employee commuting have been calculated at 0.68 tCO₂e, considering factors such as the distance travelled, mode of transportation, and average fuel consumption. This calculation accounts for the total commuting emissions generated by our employees and the corresponding greenhouse gas emissions associated with their transportation choices.

Upstream & Downstream transportation and distribution

The emissions resulting from upstream and downstream transportation have been assessed and quantified at 3.07 tCO₂e. This calculation considers the transportation activities involved in sourcing materials and delivering finished products, taking into account factors such as distance travelled, modes of transportation, and fuel consumption. It accounts for the greenhouse gas emissions generated during both the upstream and downstream transportation processes, contributing to a comprehensive understanding of our carbon footprint.

Waste Generated in Operations

The emissions resulting from our waste removal service have been quantified at 250.00 tCO₂e, based on the emissions factors provided by our waste remover provider. This calculation takes into account the total waste generated in our operations and the associated greenhouse gas emissions throughout the waste removal process.

Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 167.66 tCO₂e by 2028. This is a reduction of 65%.

Carbon reduction projects

Over the next five years we are committed to reducing our emissions with the following green plans:

- » LED lighting in the office with motion sensors to reduce emissions
- » Zero waste to landfill scheme by 2025 reducing both waste and emissions
- » Introducing a thorough recycling and products strategy to reduce in office emissions

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 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.

Signed on behalf of the Supplier:



Date:

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>