



Prepared by | HartDixon
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hartdixon

Carbon Reduction Plan

Committed to achieving Net Zero



Our commitment

Achieving Net Zero

HartDixon is committed to achieving Net Zero emissions in line with the UK government guidelines as follows:



Baseline emissions footprint

Baseline year: 2021

Number of staff: 21 Meterage of office space NIFA: 120m² Turnover: £3.4m

Baseline year emissions:

Emissions	Total (7.388 Tco2e pa)
Scope 1 Direct greenhouse (GHG) emissions that occur from sources that are controlled or owned by an organisation.	Emissions: (0.502 tCO₂e) Company Cars – HartDixon leases four company cars, three of which are petrol and one hybrid. We travelled 1880 miles on business in 2021 with a carbon emissions of 0.502 tCO ₂ e.
Scope 2 Covers indirect emissions from the generation of purchased electricity, heating and cooling consumed by the reporting company.	Emissions: (2.336 tCO₂e) Electricity use : HartDixon leases an office but controls the electricity use directly. We used 25,000 kwh of electricity in 2021 and so the scope 2 emissions are 2.336 tCO ₂ e. We burn no gas or oil in our offices and so the emissions will drop as the grid average drops in the move to renewable forms of electricity generation.
Scope 3 (Included Sources) includes all other indirect emissions that occur in a company's value chain.	Emissions: (5.052 tCO₂e) Materials – 3.659 tCO ₂ e. The main contributor is the purchase of IT equipment which has a very high embodied carbon per Kg of equipment. Waste – 0.017 tCO ₂ e. We run a small office and have a relatively small amount of waste which also has a relatively small carbon footprint. We will seek to recycle waste as much as possible including our outdated IT equipment. Business travel – 0.489 tCO ₂ e. We travelled a total of 4880 miles in all of our business travel (including the car mileage in scope 1). Over half of the total distance travelled was by train which is a low carbon mode of transport. Commuting – 0.275 tCO ₂ e. Our employees commuted a total of 7950 miles in the year. Over 90% of this was by rail and therefore a low carbon form of transport. F-gasses – 386 tCO ₂ e. HartDixon limited control over the landlord's building services systems. The main source of F-gasses is the HVAC system - Daikin VRV system with 61.1kg of R410a. We have factored in a leakage rate of 0.003 (using BREEAM 2018 leakage rate for hermetically sealed units). This gives 386kg CO ₂ annually.

0.275 tCO₂e
from staff commute

Over 90% of this was by rail,
a low carbon form of transport



Carbon reduction actions & projects

Partner responsible for delivering the projects (EMS): [Chris Tanner](#)

Supporting team: [Huw Dixon \(Partner\)](#)

Overview:

The UK has committed to achieving net zero by 2050, and it is important we play our own part in decarbonising our organisations ahead of the legal target. We will do this by implementing the following:

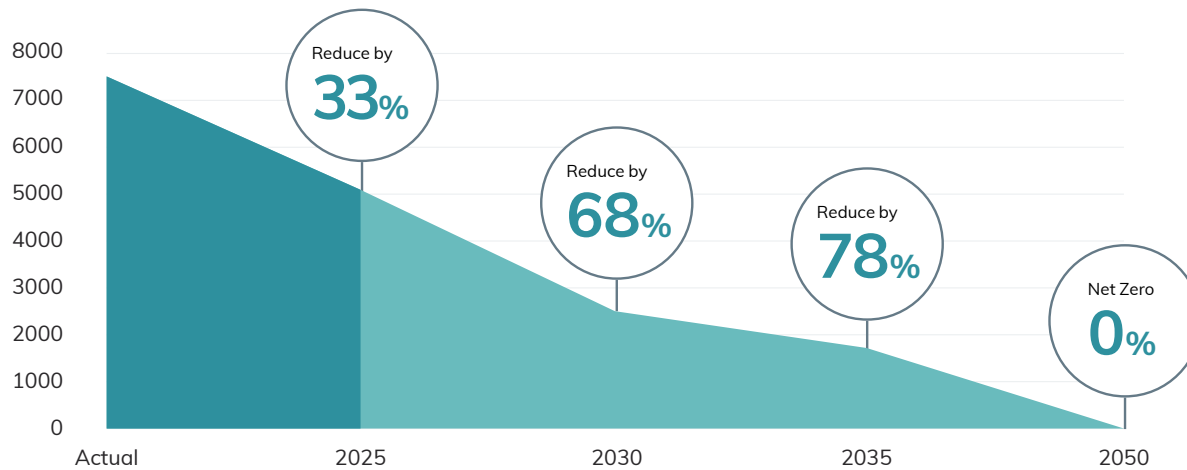
Objective:

From February 2023 we will increase company-wide understanding, knowledge, and support for the carbon reduction journey.

Actions:

See actions table overleaf.

Carbon reduction projected vs actual



Carbon reduction actions:

Scope 1

Refrigerant gas / HVACs:

HVAC: HartDixon leases its accommodation and will review (with the office landlord) the potential to blend R32 with R410a to reduce the footprint.

Scope 2

Electricity:

We will use our influence to encourage the landlord to purchase only green electricity. In the meantime, we will monitor our energy usage in order to understand where optimum savings can be made e.g. turning off the printers and equipment when not in use.

Scope 3

Materials and waste:

We will become a paperless office by 2030.

We will achieve zero avoidable waste and zero waste to landfill by 2025.

With immediate effect, we will put in place a strategy to ensure that all IT equipment and office furniture is recycled.

Transport and travel:

With immediate effect we will develop a green travel policy to promote active travel and low carbon modes of transport.

F-Gasses:

We will use our influence to encourage our landlord to change to low GWP coolants in the HVAC system.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with the UK Government Guidance. 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 uses 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 signed off by the board of directors (or equivalent management body).

Signed by all Partners:

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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>