



Prepared by | HartDixon  
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Year One Report

# 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:



## HartDixon Year 1 Carbon Plan: 2023

Year one 2023: **5.510 tCO<sub>2</sub>e**

Number of staff: **26**  
 Meterage of office space NIFA: **120m<sup>2</sup>**  
 Turnover: **£5m**

Baseline year: 2021 - 7.388 tCO<sub>2</sub>e  
 Number of staff: 21  
 Meterage of office space NIFA: 120m<sup>2</sup>  
 Turnover: £3.4m

### Year 1 emissions:

Emissions	Total (5.510 tco2e pa)
<p><b>Scope 1</b>                      Direct greenhouse (GHG) emissions that occur from sources that are controlled or owned by an organisation.</p>	<p><b>Emissions: 0.386 tCO<sub>2</sub>e (previously 0.502 tCO<sub>2</sub>e)</b>  <b>Company Cars:</b> HartDixon leases four company cars, three of which are petrol and one hybrid. We travelled 1700 miles on business via car, a reduction of 180 miles on 2021.</p>
<p><b>Scope 2</b>                      Covers indirect emissions from the generation of purchased electricity, heating and cooling consumed by the reporting company.</p>	<p><b>Emissions: 0 tCO<sub>2</sub>e (previously 2.336 tCO<sub>2</sub> e)</b>  <b>Electricity use:</b> HartDixon leases an office where 100% of its electricity is via renewable sources. This change was brought about through Equity Partners working with the landlord as part of a new lease requirement. We do not burn gas nor oil in our offices.</p>
<p><b>Scope 3 (Included Sources)</b>                      includes all other indirect emissions that occur in a company's value chain.</p>	<p><b>Emissions: (5.124 tCO<sub>2</sub>e) (previously 5.052 tCO<sub>2</sub>e)</b>  <b>Materials</b> – 3.572 tCO<sub>2</sub>e.                      The main contributor is the purchase of IT equipment which has a very high embodied carbon per Kg of equipment.  <b>Waste</b> – 0.450 tCO<sub>2</sub>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 We will seek to recycle waste as much as possible including our outdated IT equipment.  <b>Business travel</b> – 0.587 tCO<sub>2</sub>e.                      We travelled a total of 5958 miles compared to 2021 at 4880 miles including the car mileage in scope 1. The business has grown by five staff members, consequently increasing business travel. Over half of the total distance travelled was by train which is a low carbon mode of transport.  <b>Commuting</b> – 0.920 tCO<sub>2</sub>e.                      Our employees commuted a total of 15667 miles in 2023, almost twice as many as the baseline year. This is due to business growth and growth in number of employees. Over 90% of this was by rail, a low carbon form of transport.  <b>F-gasses</b> – 0.386 tCO<sub>2</sub>e.                      HartDixon has 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<sub>2</sub> annually. This has not changed from 2021.</p>

**0.499 tCO<sub>2</sub>e**  
**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 \(Senior Partner\)](#)

## Overview:

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

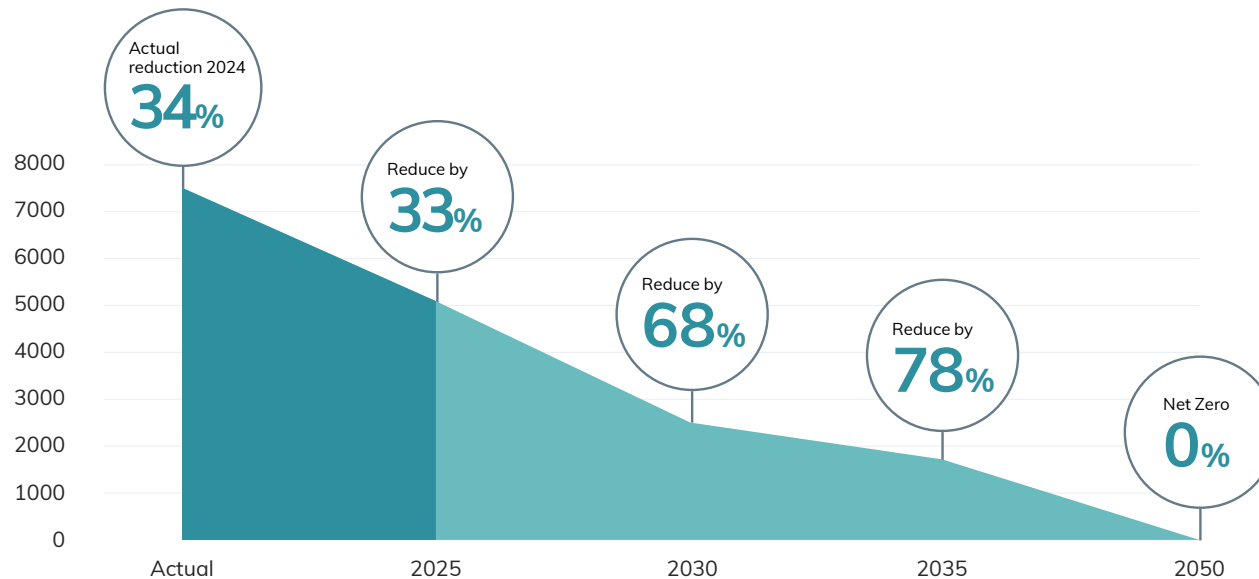
## Objectives and Aims:

We will continue to increase the company-wide understanding, knowledge, and support for the carbon reduction journey. This new and updated plan will be presented internally with a view to agreeing the actions overleaf. A core focus will be to continue to promote low carbon travel. HartDixon will be investigating carbon credits for carbon in the land.

## 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 replace the R410a HVAC system with R32 to reduce our footprint.

### Scope 2

#### Electricity:

HartDixon purchases 100% of its electricity from a green energy certified provider, which is 100% renewable. This was achieved through negotiation with the landlord on agreeing the lease from 2024. The company will track any changes to its office location or energy provision to ensure Scope 2 is kept up to date.

### 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.

#### Transport and travel:

We will continue to promote our 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: .....

<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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