

Carbon Neutrality (Net Zero) Policy and Plan



Introduction

At Concept, we are dedicated to upholding our commitment to reducing carbon emissions and implementing comprehensive measures to contribute to our overall carbon reduction strategy. Our primary goal is to reduce our carbon footprint by a minimum of 30% by 2030 and to achieve carbon neutrality by 2050, thereby diminishing potentially harmful carbon emissions to the environment. To this end, we prioritise the integration of sustainable practices into every facet of our commercial decisions and operations.

Aligned with our business management system and in adherence to esteemed certifications and accreditations such as UKAS, ISO 14001, ISO 9001, ISO 45001, Constructionline GOLD, ACCLAIM SSIP, Achilles UVDB, and RISQS, we also strictly adhere to all pertinent environmental legislation within the UK.

Our Commitment

To execute our Carbon Neutrality Policy, we commit to maintaining a dedicated Carbon Reduction Team (CRT). The CRT will analyse existing data and explore strategies to reduce our carbon and harmful emissions based on sound evidence and cost-efficient methodologies. Our overarching objective is to achieve carbon neutrality across all our facilities and services by 2050.

Furthermore, we pledge to collaborate with our suppliers, customers, and other stakeholders nationwide. This collaborative effort encompasses engagement with both national and local suppliers, energy providers, employees, and any other interested parties, fostering a collective commitment to achieving carbon neutrality and supporting interested parties in their endeavours.

Our Objectives

Specifically, we will:

- Continue conducting a comprehensive analysis of historical and current data, providing an evidence-based benchmark for us and our key suppliers.
- Identify areas for collaboration with partners to understand the scope of potential emissions reductions.
- Evaluate feasible options for meaningful emissions reductions.
- Facilitate widespread consultation activities to engage stakeholders and the broader community in our carbon reduction initiatives.
- Provide project management to continue delivering our CRP and Action Plan and develop systems to record project level carbon cost.

Additionally, we will:

- Maintain and further develop our robust Carbon Reduction Plan (CRP) based on evidence and cost-effective data, incorporating feasible options and stakeholder engagement.
- Continue formulating and executing sets of objectives, within our Action Plan aligned with the CRP.
- Maintain our objective of achieving carbon neutrality by 2050.



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Existing Analysis & Forward Plan

Based on our 2022 Carbon Footprint baseline analysis appended here, we have identified the following priorities:

To effectively manage our **Scope 1 emissions** stemming from our extensive fleet operations, we will:

- Maintaining a fleet optimisation plan to maximise the efficiency of our vehicle routes and reduce unnecessary travel across the country.
- Transition to a greener fleet by gradually incorporating electric or hybrid vehicles, prioritising fuel-efficient models, and exploring alternative transportation solutions such as biofuels or other sustainable energy sources.
- Continue to invest in regular vehicle maintenance and optimisation to ensure that our existing fleet operates at its peak efficiency.

To reduce our **Scope 2 emissions**, we will endeavour to use electricity from renewable sources. We will also support Carbon Offsetting projects such as renewable energy ventures and reforestation projects when reducing consumption is challenging.

Addressing our **Scope 3 emissions**, particularly those associated with the commuting practices of our workforce, we will:

- Encourage and facilitate sustainable commuting options for our employees, such as promoting the use of public transportation, carpooling, and cycling, to minimise the environmental impact of their daily travel to and from work sites.
- Implement employee education and awareness programs to promote environmentally friendly commuting practices and encourage the use of low-emission vehicles among our workforces.
- Continue to offer hybrid and home working patterns to reduce Scope 3 emissions.



Baseline emissions footprint

Baseline emissions are a record of 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 which emissions reduction can be measured.

Baseline Year: 2022		
EMISSIONS	TOTAL (tCO ₂ e)	Emissions Per Person (Headcount: 112) (tCO ₂ e)
Scope 1	203.8	1.82
Scope 2	19.7	0.18
Scope 3	268.4	2.4
Total Emissions	491.9	4.39

Current Emissions Reporting

Reporting Year: 2023		
EMISSIONS	TOTAL (tCO ₂ e)	Emissions Per Person (Headcount: 105) (tCO ₂ e)
Scope 1	101.88	0.97
Scope 2	28.99	0.28
Scope 3	257.80	2.46
Total Emissions	388.67	3.70

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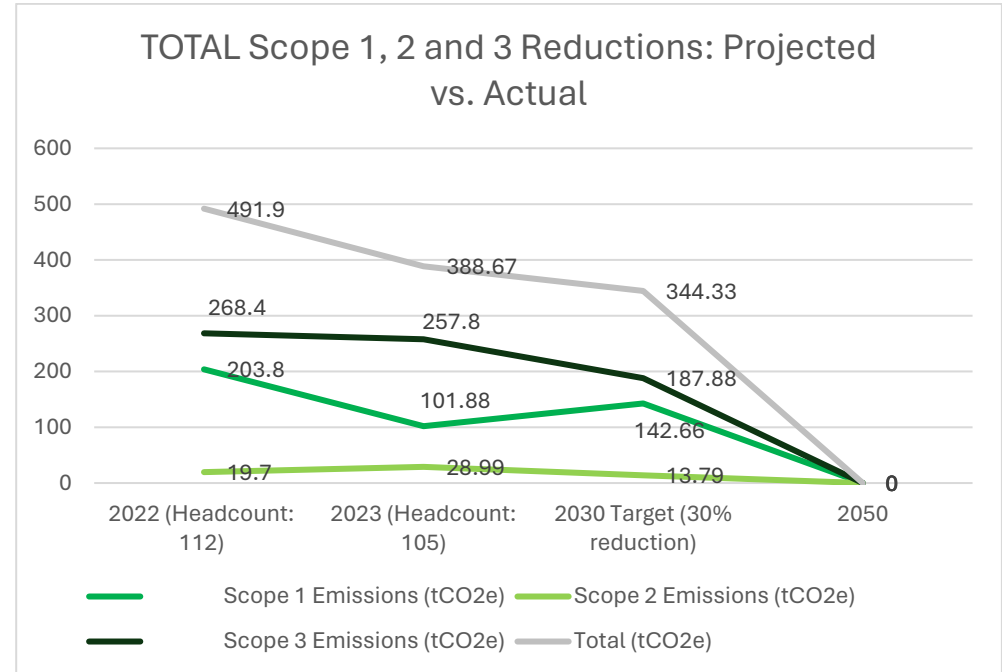
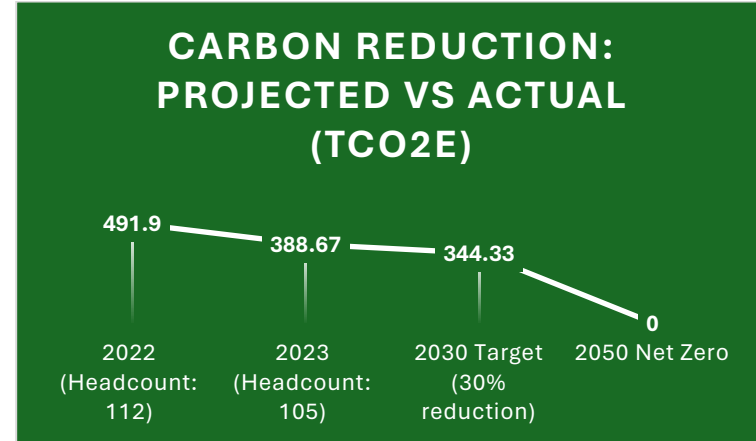
Emissions reduction targets

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

Year	Emissions (tCO2e)	Emissions Per Person (tCO2e)	Reduction from Baseline
2022		Headcount: 112	
Scope 1	203.8	1.82	N/A – baseline year
Scope 2	19.7	0.18	N/A – baseline year
Scope 3	268.4	2.4	N/A – baseline year
TOTAL	491.9	4.39	N/A – baseline year
2030		Headcount: TBC	
Scope 1	142.66	1.27	30%
Scope 2	13.79	0.12	30%
Scope 3	187.88	1.68	30%
TOTAL	344.33	3.07	30%
2050	NET ZERO	NET ZERO	100%

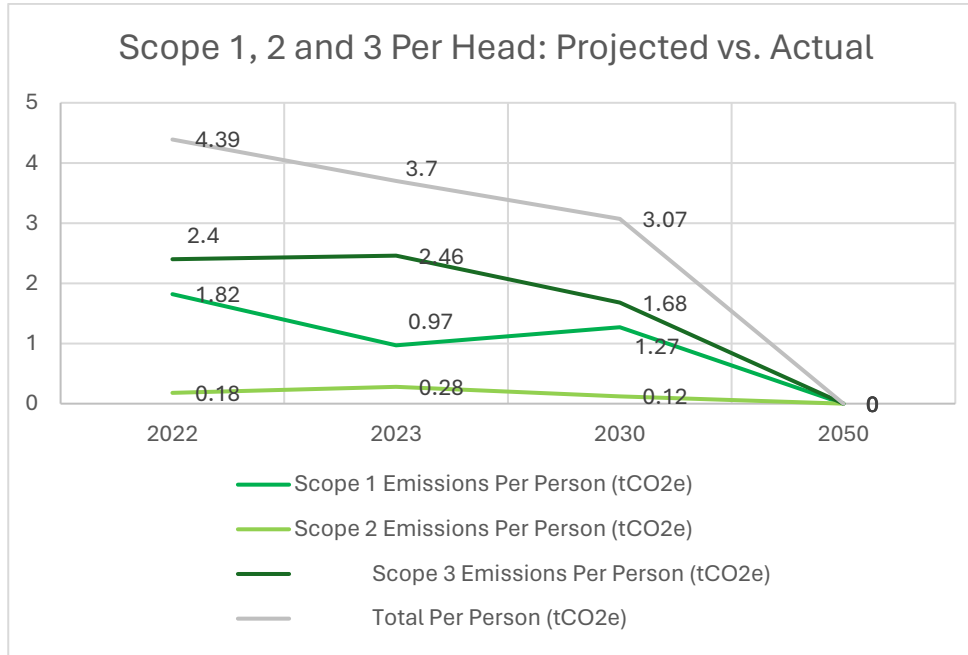


Progress against these targets can be seen in the graph below:





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- Implemented and monitored a target for local supply chain usage (70% within 40 miles),
- Encouraged carpooling, car sharing, cycling and public transport within and outside of our organisation. Employees are offered 'cycle to work' scheme.
- Employees are offered flexible, remote and hybrid working options.
- Developed a new staff movement and attendance application within our bespoke eSite Application to monitor and reduce our CO2 emissions, along with our existing cutting edge technology tools of Fleet tracking system and FORS dashboards.
- Switched to use biofuels in our plants that require fuel (wherever possible),
- Reviewed our procurement policies to favour suppliers with strong environmental credentials,
- Implemented our Single Use Plastic Policy,
- Prioritised reusable products, reused products where possible, and continuously monitored and reviewed what we purchased to identify opportunities to reduce plastic waste,
- Using Waste Hierarchy, we focussed on reducing our waste, segregating, recycling and recovering.
- Became member of the Supply Chain Sustainability School and enrolled all our employees onto the scheme to broaden their appreciation of sustainability and encourage sustainable behaviours at all levels of our organisation.
- On every project, implementing and working towards Science Based Targets, aimed to minimise adverse impacts on water, land, and soil quality.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following carbon and environmental management measures and projects have been completed or implemented since the 2022 baseline:

- ISO 14001:2015 accreditation successfully maintained,
- Maintained to a Euro 6, FORS and ULEZ-compliant fleet,
- Actively strived to reduce CO2 emissions by 18 tons yearly,
- Actively strived to reduce CO2 emissions from staff travel,
- Implementing 'Right-First-Time' approach and ensuring bespoke van stock to reduce staff journey between warehouse and sites,

Measures Planned to be implemented until 2050:

- Work towards PAS-2080 Infrastructure Carbon Standard accreditation.
- Evaluate and upgrade our Fleet tracking system,



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- Evaluate our fleet vehicles and plant and replace with Electric Vehicle (EV) or low emissions alternatives.
- Evaluate and move to alternative low carbon fuel sources (e.g., hydrogen).
- Continue focussing on determining materials and prioritising using low/zero carbon equipment,
- Work with suppliers and manufacturers to understand the whole-life-cost of equipment and materials.
- Support our supply chain to become Carbon Neutral.

Reporting & Endorsement

Throughout the subsequent reporting period leading up to 2050, we will meticulously monitor our progress and carbon reductions, providing transparent and comprehensive reports in this regard.

The Directors of Concept Engineering Consultants fully endorse this Policy Statement and are committed to its ongoing maintenance and effective communication throughout our organisation.

Declaration and Sign Off

This Carbon Reduction Policy and Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emission have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHD 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 published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

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

Signed:

Natalie Bews – Managing

Director Date: 24/05/2024