

# CARBON REDUCTION PLAN 2023-24 – V3.1

## COMMITMENT TO ACHIEVING NET ZERO

Chromis UK Ltd (trading as Freeway Medical & Freeway Med-Tech) is committed to achieving a Net Zero target for Scope 1 and 2 emissions by 2045 against a 2018 baseline. By 2045, the organisation aims to reach Net Zero for Scope 1, 2, and 3 emissions, aligning with the NHS Net Zero Supplier Roadmap.

Chromis UK Ltd integrates sustainability initiatives within its business strategy to actively reduce its carbon footprint. Through continuous monitoring, innovation, and carbon reduction initiatives, the company is committed to delivering meaningful emission reductions across all operational areas.





BASELINE EMISSIONS FOOTPRINT

Baseline emissions are a record of the greenhouse gases (GHG) that have been produced in the past and were created prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

BASELINE YEAR: 2018

Baseline emissions represent the starting point for emissions reduction strategies. Chromis UK Ltd’s emissions are calculated for the January – December 2018 period, in compliance with the GHG Protocol Corporate Accounting and Reporting Standard.

Scope 1 – Direct Emissions (On-site Fuel & Company Vehicles)

•2018 Baseline: 46,972 Kg CO<sub>2</sub>e

Scope 2 – Indirect Emissions (Electricity Consumption)

•2018 Baseline: 24,084 Kg CO<sub>2</sub>e

Scope 3 – Indirect Emissions from Business Operations

•Business Travel: 20,542 Kg CO<sub>2</sub>e

•Employee Commuting: 24,137 Kg CO<sub>2</sub>e

•Upstream Transportation and Distribution {1} : 182.2 tCO<sub>2</sub>e

•Downstream Transportation and Distribution {1} 0

•Waste Emissions: 33.21 tCO<sub>2</sub>e

2023 Emissions

The following emissions figures for 2023 have been updated using the Greenhouse Gas Protocol methodology and the UK Government BEIS 2024 GHG Conversion Factors.

Scope 1

•2023 Emissions: 33,712.06 Kg CO<sub>2</sub>e (-28.3% reduction)

Scope 2

•2023 Emissions: 6,888 Kg CO<sub>2</sub>e (-71.4% reduction)

Scope 1 & 2 Total

•42.8% reduction from baseline

•Clarification: Market-based calculation.

•Location-based figures to be reported separately.

Scope 3

•Business Travel: 10,184.90 Kg CO<sub>2</sub>e (-50.4%)

•Employee Commuting: 12,958.14 Kg CO<sub>2</sub>e (-46.3%)

•Upstream Transportation and Distribution {1} : 97,700 Kg CO<sub>2</sub>e

•Downstream Transportation and Distribution {1} 0

•Waste Emissions: 6,850 Kg CO<sub>2</sub>e

Note: The recycling CO<sub>2</sub> savings metric has been removed, as it does not contribute to the organisational footprint.

EMISSIONS REPORTING

TABLE 1: 2023 EMISSIONS AGAINST THE 2018 BASELINE.  
SCOPE 1 & 2 HAS REDUCED BY 42.8%.

CARBON REDUCTION PROGRESS

Since 2018, Chromis UK Ltd has monitored energy consumption and calculated its greenhouse gas (GHG) emissions across all Scope 1, 2, and 3 categories. The emissions reported here for 2023 have been updated using the Greenhouse Gas Protocol methodology and the UK Government BEIS 2024 GHG Conversion Factors.

Emissions Scope	2018 Baseline	2023 Kg CO2e	% Change
Scope 1	46,972 Kg CO2e	33,712. Kg CO2e	28.3%
Scope 2	24,084 Kg CO2e	6,888 Kg CO2e	71.4%
Scope 1 & 2	71,056 Kg CO2e	39,944 Kg CO2e	42.8%
Scope 3			
Business Travel	20,542 Kg CO2e	10,184.90 Kg CO2e	50.40%
Employee Commuting	24,137 Kg CO2e	12,958.14Kg CO2e	46.3%
Upstream Transportation and Distribution {1}	182,200 Kg CO2e	97,700 Kg CO2e	46.4%
Downstream Transportation and Distribution {1}	0 Kg CO2e	0 Kg CO2e	-
Waste	33,210 Kg CO2e	6,850 Kg CO2e	79.4%
TOTAL SCOPE 3	260,089	127,693	50.9%
TOTAL EMISSIONS	331,145	168,293	49.2%

EMISSIONS REDUCTION TARGETS

Chromis UK Ltd is committed to achieving Net Zero by 2045 for Scope 1 and 2 emissions and Net Zero by 2045 for all scopes, including Scope 3 emissions as defined in PPN 06/21.

Chromis UK Ltd continues to initiate projects that reduce energy usage across the organization.

This plan will be reviewed and updated annually to reflect our ongoing progress and new initiatives.

COMPLETED CARBON REDUCTION INITIATIVES

Since 2018, Chromis UK Ltd has implemented the following key initiatives to reduce its carbon footprint:

- 1.LED Lighting Rollout:  
Installation of 100% LED lighting across the Thatcham site under the Lighting as a Service (LaaS) model, reducing energy consumption by 15% and lowering CO2 emissions by 10 metric tons annually.
- 2.Electric Vehicle Charging Points (EV):  
EV charging points are being installed at the Thatcham site in 2025-26, aimed at reducing employee commute emissions by up to 25% based on projected EV adoption by staff.
- 3.Green Car Scheme:  
In 2024, Chromis UK Ltd launched a salary-sacrifice program to encourage employees to switch to electric vehicles, resulting in an estimated reduction of 30 metric tons of CO2 annually.
- 4.Energy-Efficient Manufacturing:  
Upgraded electrical CNC machines, reducing electricity consumption in manufacturing by 12%, supporting the company’s goal of reducing production energy consumption by 30% by 2025.
- 5.Office Space Optimization:  
Reduced office footprint and optimized space efficiency, leading to a 5% reduction in electricity usage across office spaces.

CARBON REDUCTION INITIATIVES PLANNED

Moving forward, Chromis UK Ltd has an ambitious pipeline of activity to accelerate its carbon reduction performance further. Chromis UK Ltd is planning to implement the following further measures to reduce its overall carbon footprint:

Solar PV installation feasibility study (planned for 2024-2025)

- ♦ Implementation of alternative fuel strategies for transport
- ♦ Further supplier engagement for Scope 3 emissions tracking

Alignment with NHS Net Zero Supplier Roadmap

Chromis UK Ltd is committed to reducing climate-altering emissions, mitigating climate change risks, and fostering the transition to a low-carbon economy, especially through research and the implementation of innovative solutions, which also encompass the wider supplier ecosystem.

Chromis UK Ltd is aligned with the NHS’s Net Zero Supplier Roadmap, with clear targets for 2045. We are committed to meeting the NHS’s milestones, including emissions reporting and carbon reduction across all scopes.

DECLARATION AND SIGN OFF

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and the associated reporting guidance.

Emissions have been calculated and reported using:

- GHG Protocol Corporate Accounting and Reporting Standard
- UK Government BEIS 2024 GHG Conversion Factors

Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy and Carbon

Reporting (SECR) requirements using the UK Govt factor for 2023 – 0.207 kg CO2e per kWh. The required subset of Scope 3 emissions has been reported following the Corporate Value Chain (Scope 3) Standard and PPN 06/21 guidance.

This Carbon Reduction Plan has been reviewed and approved by the Board of Directors and is subject to annual review and updates.

Signed on behalf of Chromis UK Ltd:.



Mr N C Jones  
Director  
Date: 17<sup>th</sup> September 2024