

# CARBON REDUCTION PLAN 2024-25 – V2.15

## COMMITMENT TO ACHIEVING NET ZERO

Chromis UK Ltd UK Limited (trading as Freeway Medical & Freeway Med-Tech) is committed to achieving a near-term Net Zero target for Scope 1 and 2 emissions by 2040 against a 2018 baseline.

By 2045, the organisation is focused on reaching Net Zero for its Scope 1, 2 and 3 emissions (Scope 3 emissions as defined in PPN 06/21) against the baseline year, in alignment with the NHS's Net Zero Supplier Roadmap.

Chromis UK Ltd is pursuing a path of continuous improvement, to develop innovative solutions that integrate environmental issues into the organisation's business strategy, to reduce its environmental impact.

Over the last five years, Chromis UK Ltd has recorded progress against its targets by monitoring energy consumption and calculating the carbon emissions of its UK sites.



## 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

ADDITIONAL DETAILS RELATING TO THE BASELINE EMISSIONS CALCULATIONS Chromis UK Ltd's GHG emissions are calculated for the reporting period running between January and December 2023, in line with the GHG Protocol Corporate Accounting and Reporting Standard. UK 2021 CO<sub>2</sub>e conversion factors and calorific converters have been used as part of this methodology. The reporting covers all material emissions sources within Chromis UK Ltd's operational boundary, using the financial control approach.

#### SCOPE 1

Encompasses Chromis UK Ltd's direct emissions, including those associated with the direct consumption of gas and fuel and the emissions generated by owned and leased vehicles. Scope 1 emissions are calculated based on the volume of consumed fuel detailed on utility invoices and the equivalent CO<sub>2</sub>e value calculated

#### 2018 Baseline Emissions

•Scope 1: 46,972 Kg CO<sub>2</sub>e

#### 2023 Emissions Reporting

Scope 1: 32,602 Kg CO<sub>2</sub>e (30.6% reduction)

#### SCOPE 2

Encompasses indirect emissions, including those associated with the purchase and consumption of electricity. Scope 2 emission calculations are based on the volume of consumed fuel detailed on utility invoices.

#### 2018 Baseline Emissions

Scope 2: 24,084 Kg CO<sub>2</sub>e

#### 2023 Emissions Reporting

Scope 2: 6,232 Kg CO<sub>2</sub>e (74.17% reduction)

#### SCOPE 3

Encompasses emissions that are a consequence of company activities, generated from sources not owned or controlled by Chromis UK Ltd. The scope 3 figures reported in this CRP include the following emissions as per the Technical Standard guidance:

- upstream transportation and distribution
- business travel; employee commuting
- downstream transportation and distribution
- and waste generated in operations.

#### 2018 Baseline Emissions

Scope 3: 559,073 Kg CO<sub>2</sub>e

#### 2023 Emissions Reporting

Scope 3: 267,234 Kg CO<sub>2</sub>e (52.2% reduction)

## EMISSIONS REPORTING

TABLE 1: 2023 EMISSIONS AGAINST THE 2018 BASELINE. SCOPE 1 & 2 HAS REDUCED BY 45%.

Emissions Scope	2018 Baseline	2023 Baseline Kg CO <sub>2</sub> e	% Change
Scope 1	46,972 Kg CO <sub>2</sub> e	32,602.29 Kg CO <sub>2</sub> e	30.6%
Scope 2	24,084 Kg CO <sub>2</sub> e	6232 Kg CO <sub>2</sub> e	74.17%
Scope 1 & 2	71,056 Kg CO <sub>2</sub> e	38,834 Kg CO <sub>2</sub> e	45.32%
Scope 3			
Business Travel	20,542 Kg CO <sub>2</sub> e	16,049 Kg CO <sub>2</sub> e	21.9%
Employee Commuting	24,137 Kg CO <sub>2</sub> e	20,850 Kg CO <sub>2</sub> e	13.6%
Upstream Transportation and Distribution {1}	1822 tCO <sub>2</sub> e	1694 tCO <sub>2</sub>	7.03%
Downstream Transportation and Distribution {1}			
Waste	332,124 Kg CO <sub>2</sub> e	60,889 Kg CO <sub>2</sub> e	81.7%
TOTAL SCOPE 3	559,073	267,234	52.2%
TOTAL EMISSIONS	630,129	306,069	51.40%

<sup>(1)</sup> Chromis UK Ltd is assessing all transportation and distribution emissions, but is not able to separate upstream and downstream emissions. This report therefore combines all transportation and distribution emissions into the upstream total.

## EMISSIONS REDUCTION TARGETS

Chromis UK Ltd is committed to achieving Net Zero by 2040 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 has adopted the following near-term carbon reduction target, as part of its journey towards net zero:

REDUCE SCOPE 1 AND 2 GHG EMISSIONS BY 50% BY THE END OF 2030 FROM A 2018 BASELINE.

Chromis UK Ltd's performance so far.

SCOPE 1 AND 2 EMISSIONS HAVE DECREASED BY 45% FROM 71,056 KgCO<sub>2</sub>E IN 2018 TO 38,834 Kg CO<sub>2</sub>e IN 2023. Chromis UK Ltd PROCURES 60% OF ITS ENERGY FROM RENEWABLE SOURCES, WHICH HAS BEEN THE MAIN DRIVER OF THIS REDUCTION TO DATE ,and will qualify to move to 100% renewable from current tariff contract in 2029

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

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, 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. Heating, Ventilation, and Air Conditioning (HVAC) Improvements:

Upgraded HVAC systems with environmentally friendly gases, achieving a 25% reduction in heating-related emissions, saving 8 metric tons of CO2 annually.

### 6. 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:

- Investigation and assessment of large scale Solar Photovoltaics (PV). This will include a direct site feed and own site projects.
- Expanding Smart Building Management Systems within its facilities.
- Exploring the use of new Data Centres, to minimise energy consumption on premises.
- Researching the wider use of Sustainable synthetic Fuel within its core fleet where electrification is not possible with current technology.

## 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 2030 and 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 associate 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 standard, using the appropriate Government emission conversion factors for GHG company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy and Carbon Reporting (SECR) requirements. 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 on behalf of Chromis UK Ltd.



Mr N C Jones  
Director

Date: 17<sup>th</sup> September 2024