



# Carbon Reduction Plan

Company Name: Ferno (UK) Limited

Publication date: 21<sup>st</sup> December 2023

## Commitment to achieving Net Zero

Ferno (UK) Limited is committed to achieving Net Zero emissions by 2050

## Baseline Emissions Footprint

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

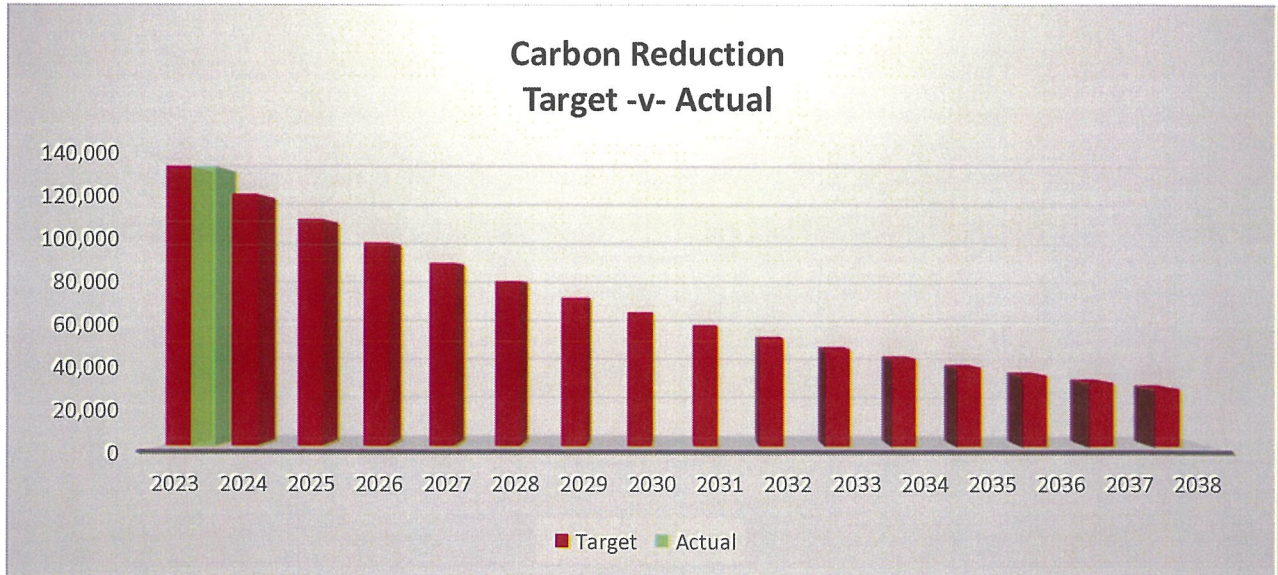
<b>Baseline Year: 2023</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<b>Baseline year emissions 2023</b>	
<b>EMISSIONS</b>	<b>TOTAL (kgCO<sub>2</sub>e)</b>
Scope 1	103,944
Scope 2	31,015
Scope 3	We have engaged with a local government consultant to assist us with an accurate Scope 3 calculation (West Yorkshire Combined Authority). Initial meeting scheduled for 18.01.24.
<b>Total Emissions</b>	<b>134,959 (kgCO<sub>2</sub>e)</b>

## Emissions reduction targets

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

This is a reduction of **80%**

We will publish our actuals at the end of each calendar year



## Completed Carbon Reduction Initiatives

Whilst we have only calculated our Baseline Emissions Footprint as at 21<sup>st</sup> December 2023, the following environmental management measures and projects have been complete or implemented in the previous 48 months.

- LED lights All areas
- Sensors to all offices and Mezzanine
- Heating only on half day in winter, turned off during the summer months
- Compressor programmed to work on production days/hours only
- Aircon programmed to work only in office hours
- Incentivised Employee Carpooling
- Switch off all PC at the end of the day
- Unplug all electrical appliances
- Hot water temperature reduced
- Company Vehicles regularly serviced
- Moved to Hybrid Cars when company vehicles are at the end of their lease



## Future Carbon Reduction Initiatives

In the future we hope to implement further measures such as:

- Looking to implement solar panels
- Looking to use the excess heat from the Compressor to heat the manufacturing shop floor
- Explore ways to make our business more circular by reusing, remanufacturing, refurbishing and recycling more products and materials
- Environmentally friendly packaging
- Improve production efficiency utilising latest technology and raw materials
- A new Preventative Maintenance System utilising a bespoke Service IT package to prolong the product life cycle on key core products
- Move a percentage of our customer meetings on-line
- Look to consolidate frequency of upstream and downstream distribution channels
- Look to incorporate a sustainability questionnaire within our supplier audit process
- Work with West Yorkshire Combined Authority to assist us in understanding our environmental impact, plan how to improve it and support those plans
- Look to move all company vehicles to electric vehicles by 2035
- Look to move to a 90% paperless office by 2025

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated 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 and uses the Carbon Trust SME Carbon Footprint Calculator.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors

**Signed on behalf of Ferno (UK) Limited**

A handwritten signature in black ink, appearing to read 'M Reid', written over a horizontal dotted line.

**Marshall Reid**  
**Managing Director**