



# Carbon Reduction Plan

Supplier name: Platts & Nisbett Ltd

Publication date: 09/04/2024

## Commitment to achieving Net Zero

Platts & Nisbett Ltd is committed to achieving Net Zero emissions by 2045.

## 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: 2022</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
This is our first year of actively baselining our Emissions Footprint, Financial Year 2022 is our Baseline Year. The methodology for measuring our carbon footprint is in line with the Greenhouse Gas protocol and the UK Government GHG Conversion Factors for Company Reporting.	
<b>Baseline year emissions: 2022</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	10.76
<b>Scope 2</b>	14.78
<b>Scope 3 (Included Sources)</b>	141.62 Scope 3 figure includes the following sources: 4. Upstream transportation and distribution – 4.26

	<p>5. Waste generated in operations – 120.44</p> <p>6. Business travel – 0 (<i>Not applicable as no business travel in vehicles owned or operated by third parties</i>)</p> <p>7. Employee commuting – 16.41</p> <p>9. Downstream transportation and distribution – 0.51</p>
<b>Total Emissions</b>	167.16

## Current Emissions Reporting

<b>Reporting Year: 2023</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	7.95
<b>Scope 2</b>	11.99
<b>Scope 3 (Included Sources)</b>	<p>109.46</p> <p>Scope 3 figure includes the following sources:</p> <p>4. Upstream transportation and distribution – 3.96</p> <p>5. Waste generated in operations – 91.49</p> <p>6. Business travel - 0 (<i>Not applicable as no business travel in vehicles owned or operated by third parties</i>)</p> <p>7. Employee commuting – 13.34</p> <p>9. Downstream transportation and distribution – 0.67</p>
<b>Total Emissions</b>	129.40

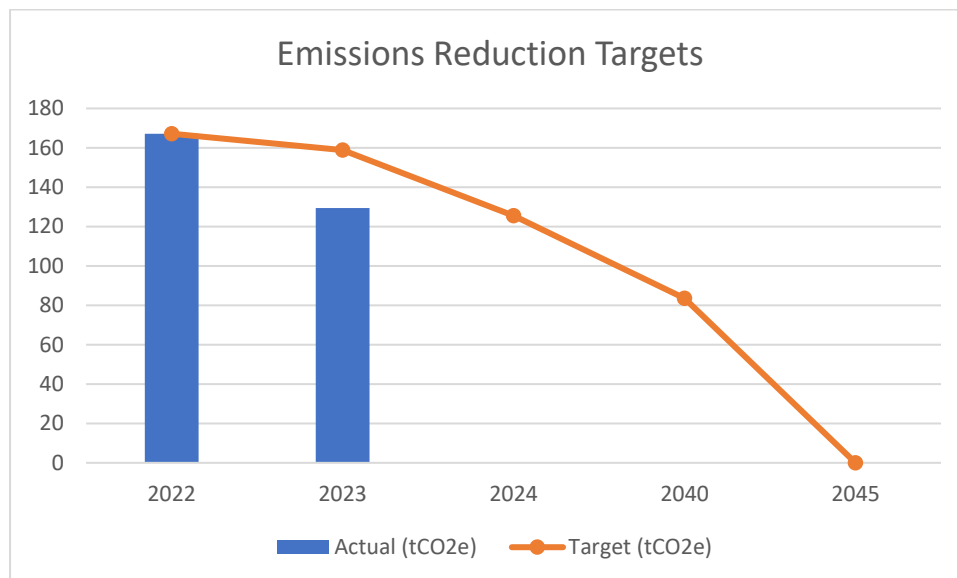
## Emissions reduction targets

Platts & Nisbett Ltd is committed to achieving Net Zero emissions by 2045.

Our Baseline Year had no previous emissions reduction commitment.

Our Reporting Year 2023 shows an Emissions Reduction of 23.58% from our Baseline Year.

We aim to reduce our Scope 1, 2 and 3 emissions to continue our progress to achieving Net Zero. Our current target shown below is subject to adjustment in the future.



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

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

- Reduce the number of supplier deliveries by bulk purchasing and consolidating multiple orders where possible. Fewer deliveries reduce fuel consumption.
- Reduce the number of customer deliveries we despatch. Consolidate multiple orders where possible, without impacting on delivery timescales. Fewer deliveries reduce fuel consumption.
- Use couriers with sustainability commitments whose policy is to reduce emissions. Their initiatives include using carbon neutral buildings (warehouses / sorting hubs) with sustainable energy sources for heating, using low emissions vehicle / aircraft technologies, reducing fuel consumption by network improvements and route optimisation, and providing employee eco-friendly / best practice driver training programmes.

- Encourage car sharing during Employee Commuting where possible. Working from home is not an option for our manufacturing staff as our production is factory based using specialist machinery and equipment. Some management staff may work from home if necessary, and have been supplied with the appropriate I.T equipment.
- Waste generated by the Company is recycled where possible, using local Environmental Services who lead the way for recycling and waste management in the UK. Sustainable recycling and waste services minimise the impact on the environment; turning waste into a resource.
- Scrap Metal (Stainless Steel) is recycled.
- All Paper and Cardboard packaging is recycled.
- Zero Landfill. Waste is Diverted Waste or Recycled only, which saved 697 kg of CO2e (equivalent to 2 trees planted) in the reporting year 2022-2023.
- Minimise the use of paper and printing, and use electronic methods where possible.
- Use recycled paper / packaging, sourced from local suppliers where possible.
- Use FSC compliant packaging, and packaging that is eco-friendly and biodegradable.
- Use recycling schemes for printer consumables.
- Motion Sensitive Light sensors used in the main reception and specified workshop areas. (Lights only activate when staff are in the location, and turn off automatically when vacated).
- Low energy tube lights fitted into all workshop areas.
- Paper towels replaced with Xlerator Eco Hand Dryers, which use 80% less energy than conventional hand dryers and are GreenSpec Listed.
- Regular servicing and maintenance of machinery to ensure maximum efficiency.
- Energy efficient computers, ensuring best energy efficiency without compromising on computing performance.
- Ensure computers and printers are shut down after working hours.
- Reduced the water use at the site, by checking for any leaks / running overflows etc in all units. Carried out repairs and saw an immediate improvement.
- Smart Meters installed on some energy accounts.
- Heating system regularly serviced and inspected to ensure safety and efficiency.
- Automatic closers on external and internal doors as necessary.
- New Energy Efficient Boiler installed in the main office.
- Some lighting in the factory has been replaced with energy efficient LED.

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

- Purchase 'A Rated' / Energy Efficient Electrical items as / when items are replaced.
- As lighting in the factory is changed, replace with energy efficient LED.
- As windows in the factory are replaced, replace with energy efficient A Rated.
- When the Company Vehicles are changed, explore low emission vehicles.
- Reduce travel / optimise route planning, and consider Sheffield's Clean Air Zone.
- Reduce general industrial waste where possible.
- Reduce paper/cardboard waste where possible.
- Reduce scrap metal waste where possible.
- Reduce energy consumption where possible.
- The physical nature of our production process requires the use of heavy machinery (using electricity), so we cannot eliminate it, however plan to be more energy aware.
- Engage with manufacturing staff to discuss energy saving ideas in our manufacturing process.
- Devise a Net Zero training plan to educate, encourage and engage staff. Work with staff to achieve smarter energy use, reduce waste, and achieve targets. Track progress and communicate this to staff.
- Install more Smart Meters on remaining energy accounts when eligible.
- Encourage online meetings / remote collaboration where possible.

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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<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>

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

**Signed on behalf of the Supplier:**

A handwritten signature in dark ink that reads "Alyson Nisbett". The signature is written in a cursive style with a large initial 'A' and a stylized 'N'.

Alyson Nisbett (Director)

Date: 9<sup>th</sup> April 2024