

# Commitment to Achieving Net Zero

Maxpack is committed to achieving  
Net Zero emissions by 2040.

Supplier Name: Maxpack

Publication Date: January 2023

## 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.

Baseline Year: 2021

(01/01/2021 – 31/12/2021)

### Additional Details relating to the Baseline Emissions calculations.

**Notes:** Our baseline emissions year includes all measurable Scope 1 and 2 emissions (including direct vehicle emissions, indirect emissions from purchased energy) we are not yet in the position to measure our Scope 3 value chain emissions. All calculations have been made using the relevant greenhouse gas emission conversion factors, as recommended by the UK government's Department for Business, Energy & Industrial Strategy – from metered source data.

### Baseline Year Emissions

Emissions	Total (tCO2e)
Scope 1	186
Scope 2	38
Scope 3 Included Sources: Upstream Transport & Distribution Waste Generated Business Travel Employee Commuting Downstream Transport & Distribution	0.00 (Incomplete Data)  Data not available Data not available Data not available Data not available Data not available Data not available
<b>Total Emissions</b>	<b>224.6</b>



## Current Emissions Reporting

During the baseline year, we learnt a lot about our day to day operations and energy efficiency, allowing us to make changes to reduce emissions. Our Current Emissions Report is shown below:

### Current Emissions 2022

(01/01/2022 – 31/12/2022)

**Notes:** Our 2022 emissions report includes all measurable Scope 1 and 2 emissions, including direct vehicle emissions, indirect emissions from purchased energy. As part of our company carbon reduction plan, we are developing our Scope 3 emission reporting capabilities to include all sources included below.

All calculations have been made using the relevant greenhouse gas emission conversion factors, as recommended by the UK government's Department for Business, Energy & Industrial Strategy – from metered source data.

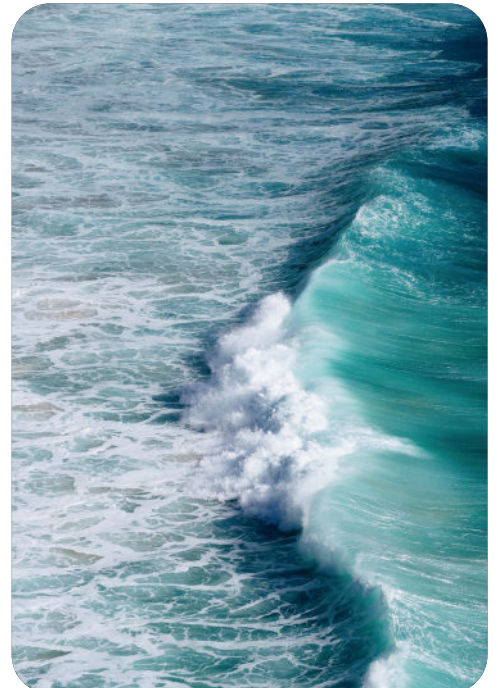
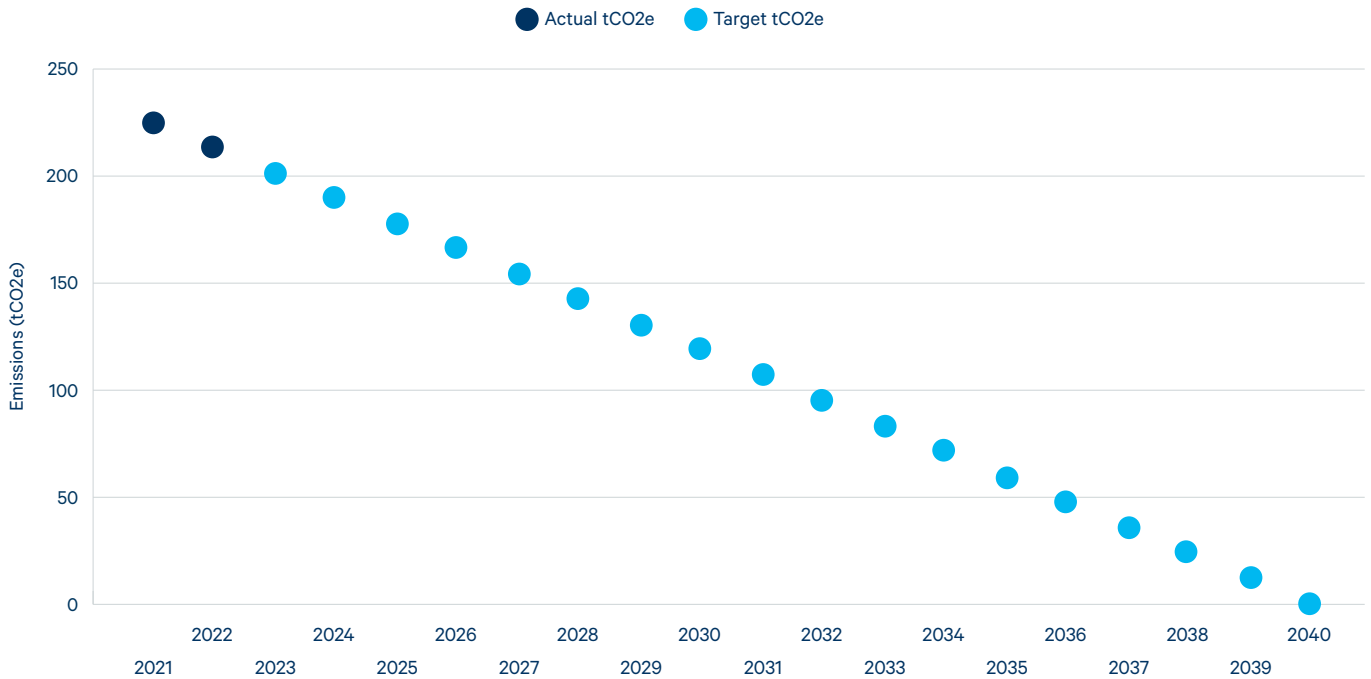
The Baseline Year (2021) was our first full year at our new premises (Holsworth Park) in which we learnt a lot about the day to day operations and energy efficiency of the site. During 2022 we upgraded all lighting to LED with 50% of it having Proximity Activation. The effects of Covid were still evident during 2021. Business Mileage was at 50% of normal, this returned to normal in 2022.

Emissions	Total (tCO2e)
Scope 1	185
Scope 2	27
Scope 3 Included Sources: Upstream Transport & Distribution Waste Generated Business Travel Employee Commuting Downstream Transport & Distribution	0.00 (Data not available)  Data not available Data not available Data not available Data not available Data not available Data not available
<b>Total Emissions</b>	<b>212.1</b>



## Emissions Reduction Targets

We are currently working to formalize our 2023-2040 emission reduction targets for Scopes 1, 2 and 3, to continue our progress towards achieving Net Zero by 2040 (current progress illustrated in graph below):



## Carbon Reduction Projects

### The following environmental management measures and projects have been **completed or implemented** since our 2021 baseline.

The carbon emissions reduction achieved by these schemes equates to an 5% reduction against our 2021 emissions intensity baseline (from 15kg CO<sub>2</sub>e per £1000 revenue 13kg CO<sub>2</sub>e). Carbon reduction projects have included:

- Re-certification to ISO:14001

- Scope 1

#### Delivery Vehicles

Increase usage in of 7000 litres as the result of the addition of an 3.5t Van to support 'small and distant' deliveries.

#### Company Cars

Fuel usage doubled to 14,000 litres for 2022 partly due to the lifting of covid restrictions.

Implementing virtual meeting technology to support digital conferencing, further reducing the need to travel to face-to-face meetings.

- Scope 2

#### Electricity

Reduction of 26% (4000 units) following the installation of LED lighting through out the site.

#### Gas

Small usage (hot water and radiators in a morning) reduced from 51.4 units in 2021 to 41.5 in 2022.





## Supporting our proposed roadmap to Net Zero, the following carbon reduction initiatives are **planned**:

- Develop a robust method of recording Scope 3 emissions.
- Formalise our carbon reduction plan, including setting carbon budgets and improving our data collection process to aid reduction and progress measurement.
- Maintain our current supply of (Renewable Energy Guarantee of Origin) certified electricity.
- Complete the installation of renewable energy through a 100kwh solar panel installation on the warehouse roof.
- Transition to a zero-emission car fleet – targets to be confirmed.
- Installing 2 x Double Socket 22kw EV Chargers for staff use.
- Engaging with suppliers to support our Net Zero goals, including requiring suppliers to report their carbon footprint data to improve the accuracy of carbon measurement.
- Evaluating our entire product portfolio with specific plans to promote more efficient product sourcing/end-of-life disposal, such as reducing single use plastic and switching from disposable to reusable products.
- Promoting sustainable travel initiatives and supporting sustainable travel options for commuting and business travel, e.g. Cycle2Work.
- Implementing more reduce, reuse and recycling schemes through our marketing and product portfolio.
- Review offsetting opportunities that align with our business model, involving our suppliers to reduce indirect emissions and close the gap between actual and Net Zero carbon.

## Declaration and Sign Off

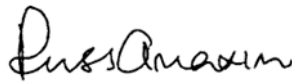
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</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>6</sup>.

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

**Signed:**

A handwritten signature in black ink that reads "Russ Maxim". The signature is written in a cursive, slightly stylized font.

**Printed:** Russ Maxim

**Date:** 1st Feb 2023

### References:

4. <https://ghgprotocol.org/corporate-standard>

5. <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

6. <https://ghgprotocol.org/standards/scope-3-standard>



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