

Carbon Reduction Plan

Harlow Printing Ltd

Publication date: 3/11/2023

Commitment to achieving Net Zero

Harlow Printing is committed to achieving Net Zero emissions by 2048.

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.

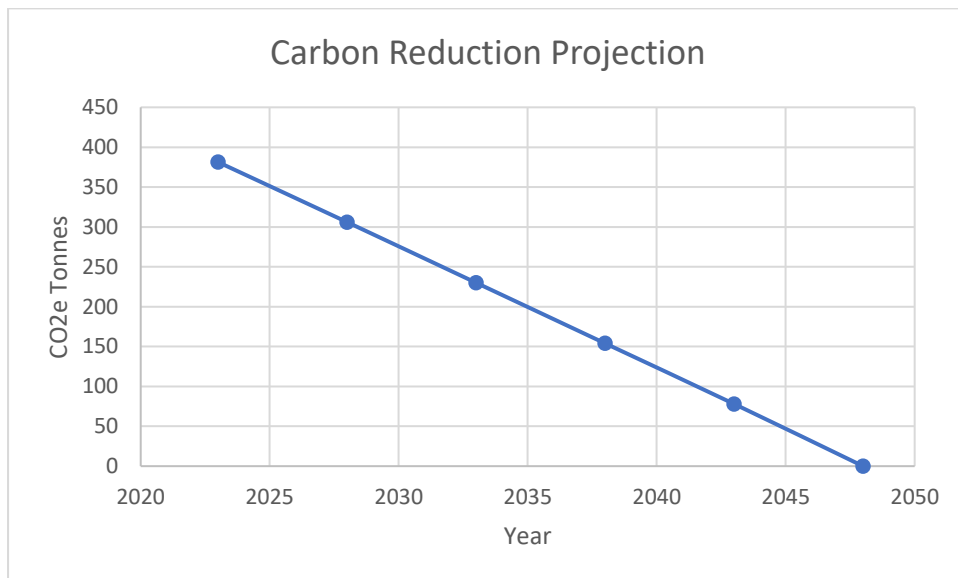
Baseline Year and Current Emissions: 2023	
Additional Details relating to the Baseline Emissions calculations.	
Prior data to this year isn't useful, due to significant company growth in 2022 with the acquisition and utilisation of a new production facility, which led to an increase in production capacity and staff levels by 25%. This resulted in increasing CO2e for the company by approximately 25%.	
Baseline year emissions: 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	70
Scope 2	131
Scope 3 (Included Sources)	380
CO2 Offsetting	201
Total Net Emissions	380

Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 306tCO_{2e} (by 2028). This is a reduction of 20%.

The following is an illustration of the reduction target, which we will map actuals against over time:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed;

- WLT offsetting
- Staff awareness on reducing energy consumption, such as turning unnecessary lights/screens off.
- Staff mode of transport.

In the future we will implement further measures such as:

- Solar panel installation yielding 86,000kwh per year
- Introduction of a company car scheme that only mandates hybrid or fully electric vehicles. In addition, charging points are to be installed at all facilities to

encourage the company's adoption of electric vehicles and motorcycles/bicycles.

- Greater adoption of carbon-balancing paper and sale of other paper products where the emissions associated with its production are balanced (offset).
- Further conversion to LED lighting
- Initiation of more machine energy efficiency projects to reduce energy usage by experimenting with alternative methods of heating and curing.
- Voltage optimisation of machinery
- Increase insulation and upgrade heating solutions.
- Changing sales team practices - leverage the rapid adoption of video conferencing technology, interactive messaging, and live data informatics to reduce travel time whilst maintaining team effectiveness.
- Reduction and, where possible, elimination of staff single-use products such as cups, food containers & cutlery, etc
- Further solar panel installations across production facilities
- Supply Chain Management - Assess and reduce emissions across the supply chain, encouraging suppliers to adopt greener practices. Consider local sourcing to minimise transportation emissions.

Declaration and Sign Off

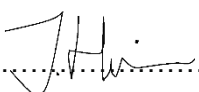
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:

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Date:1/11/23.....
