

# CARBON REDUCTION PLAN

Business Impact:	Low	Medium	High	Critical
				X

# Carbon Reduction Plan

**Supplier name:** Heidelberg Engineering Limited

**Publication date:** 15 November 2024

## Commitment to achieving Net Zero

Heidelberg Engineering 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: October 2023 – October 2024</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>Except for data on company vehicles (further details below) tracked over the past three years and the organization’s efforts to reduce carbon emissions from transportation, there are no historical baseline figures available to measure performance against targets.</p> <p>Consequently, the organization has chosen 2024 to establish a new baseline following a new internal directive. This will provide a solid foundation and reliable data to measure performance against targets in the coming years.</p> <p>The baseline emission has been calculated on the basis of the available data, including reasonable estimates where applicable.</p>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	77.5
Scope 2	6.7
Scope 3 (Included Sources)	15.2
<b>Total Emissions</b>	<b>99.4</b>

## Current Emissions Reporting

Reporting Year: October 2023 – October 2024	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	77.5
Scope 2	6.7
Scope 3 (Included Sources)	15.2
<b>Total Emissions</b>	<b>99.4</b>

### Breakdown of Emissions by Source

The figures above show the percentage of total emissions for our baseline year. This analysis has enabled the organisation to identify the sources with the highest emissions, thereby highlighting areas that require significant attention and measures for reduction. In our next reporting cycle, we plan to provide all our activities that contribute to emissions in the three scopes. This will illustrate the relative percentages of total emissions by source for the next reporting period and compare them year-on-year to show changes and progress.

### Carbon Reduction Targets

In the interim, however, we have adopted the following carbon reduction targets which will support us in our progress to achieving Net Zero. We project that our total carbon emissions as shown above will decrease over the next five years to 80.4 tCO<sub>2</sub>e by 2029. This is a projected reduction of 19.1% of our total emissions by 2029.

Progress against these targets will be measured as per the graph below:

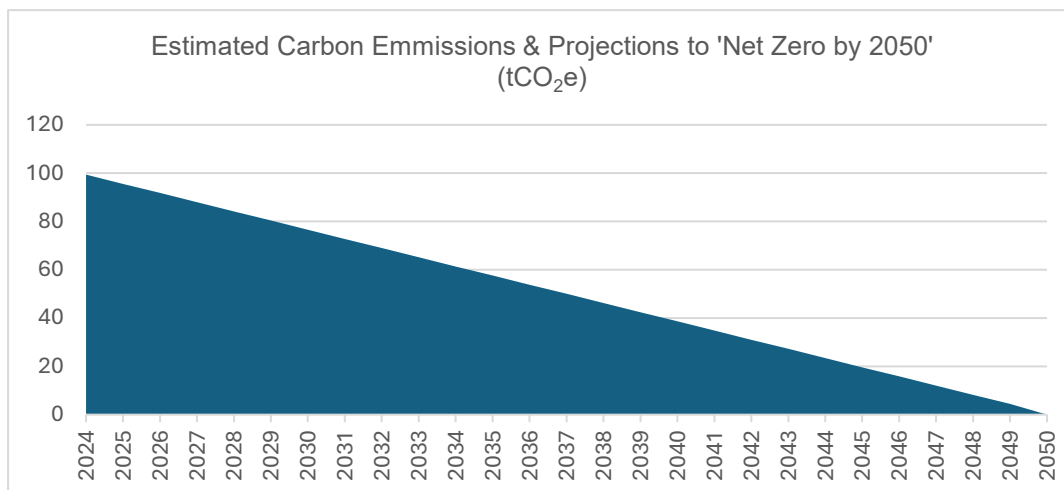


Fig 1: Implemented Carbon Reduction Initiative and Targets

## Carbon Reduction Projects

### Implemented Carbon Reduction Initiatives & Targets

Over the past 12 months, the goal was to establish a baseline of emissions and energy usage to identify areas needing improvement and support any agreed-upon sustainability targets. This goal has been achieved through the baseline data shown above.

Since transportation is the largest impact on our emissions, the Company implemented a policy directive in 2021 mandating that all vehicles within its fleet must not exceed a CO2 rating of 50 g/km. The Company is further committed to reducing its fleet emissions by transitioning to 80% zero-emission vehicles by 2030. As vehicle emissions is the major source of the Company’s carbon emissions, electrification of the fleet will be a crucial strategy for the business to reduce greenhouse gas emissions and promote a cleaner and more sustainable form of transportation for its employees.

Consequently, plug-in hybrid or fully electric vehicles is the preferred choices for the fleet. This is to ensure a gradual reduction and ultimately, elimination of vehicles with Internal Combustion Engine from the fleet by the year 2035.

Currently, the Company’s fleet consists of the following

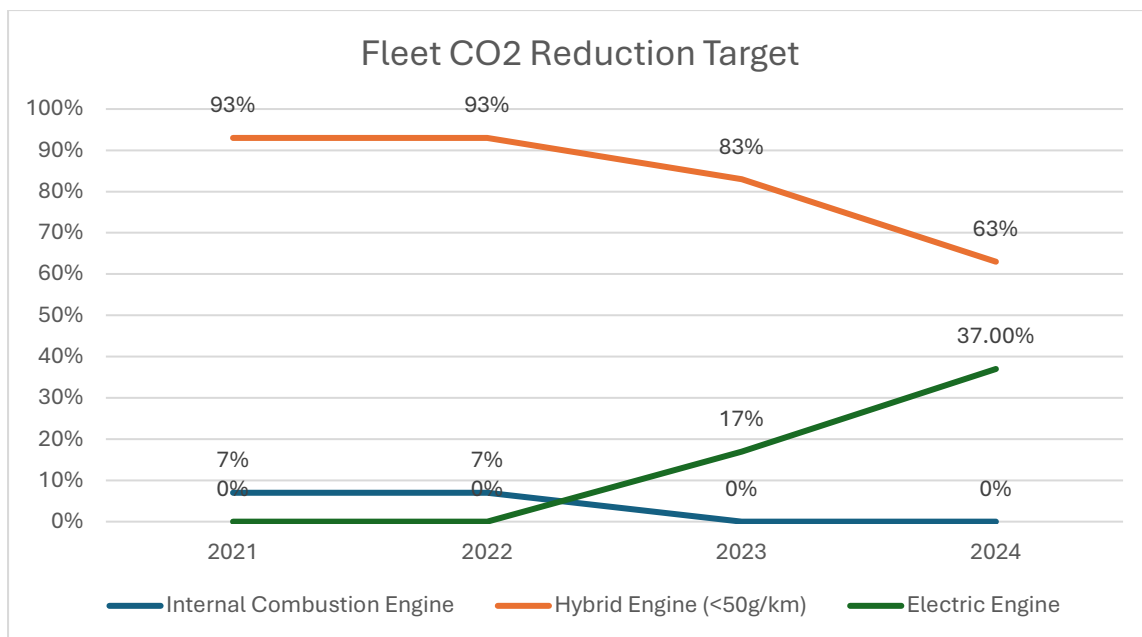


Fig 2: Implemented Carbon Reduction Initiative and Targets

From the above, it is clear that the policy change has made a major impact, resulting in a crucial step towards the 100% electrification of the company fleet. This will make a substantial contribution to our ongoing carbon reduction goals.

**Ongoing Initiatives**

In addition to the above, the company is also working towards implementing an Environmental Management System to provide a framework which will help us formulate and implement other carbon reduction objectives.

Furthermore, the company has already implemented a waste management policy which requires the separation of mixed dry recyclables from non-recyclables and disposal that ensure waste is handled safely and efficiently. Our strategy focuses on reducing waste production from the outset.

The common approaches we have adopted include optimising material use, preventing excess packaging, encouraging reuse initiatives. We strongly believe that by prioritising prevention, our organisation can minimise both environmental impacts and operational costs.

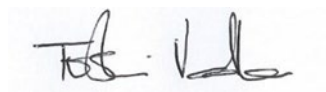
**Declaration and Sign Off**

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 appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

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:**

Tosh Vadhia

Managing Director

.....

Date: 15 November 2024