

# Carbon Reduction Plan

**Client name:** Pickering's Hire Limited

**Company Registration Number:** 00950139

**Published date:** 26/06/2023

## Commitment to achieving Net Zero

Pickering's Hire 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. We have chosen our baseline year to be July 2021 – June 2022. This is also our Current Emissions Reporting Year.

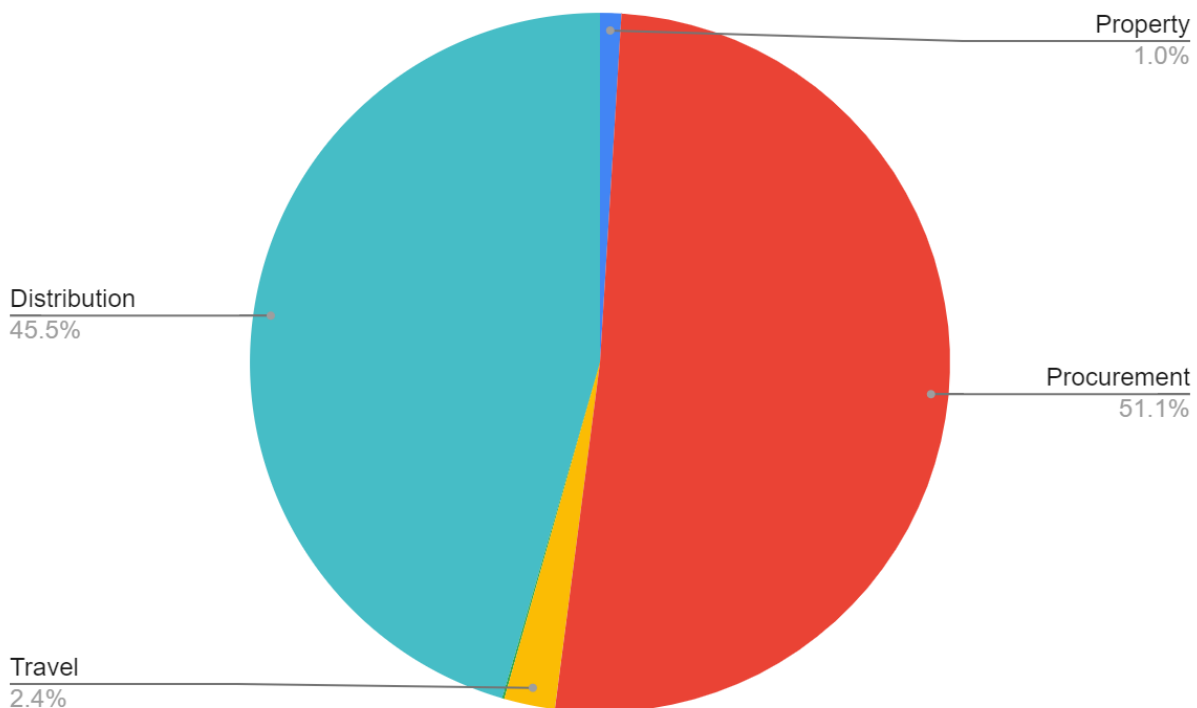
Baseline and Current Year: 2021-2022	
<p><b>Additional details relating to the Baseline Emissions calculations:</b></p> <p>Our Baseline Year 2021 - 2022 is also our Current Reporting Year. Next year we will have these separated.</p> <p>All Scope 1 &amp; 2 emissions have been measured, plus the following Scope 3 categories. We are choosing to measure more than is required for compliance, to give us a better understanding of our full carbon footprint.</p> <ul style="list-style-type: none"> <li>● Purchased Goods &amp; Services</li> <li>● Capital Goods</li> <li>● Fuel &amp; Energy Related Services</li> <li>● Business Travel</li> <li>● Transportation &amp; Distribution (Downstream)</li> <li>● Transportation &amp; Distribution (Upstream)</li> <li>● Employee Commuting &amp; Home Working</li> <li>● Operational Waste &amp; Water</li> </ul>	
<b>Baseline year emissions: 2021 – 2022</b>	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	191.28
Scope 2	Market-based: 64.01

	Location-based: 106.68
Scope 3	23,667.82
<b>Total Emissions</b>	<b>Market-based: 23,923.11</b> <b>Location-based: 23,965.78</b>

*\*Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.*

Our total emissions equate to a Carbon Intensity Metric of **94.2 tCO<sub>2</sub>e per employee** based on **254** employees during the measurement period (using market-based emissions).

Pickering's Hire Ltd CO<sub>2</sub>e Emissions Profile 2021-2022



### Emissions reduction targets

Pickerings Hire Limited is committed to achieving Net Zero by 2050.

To progress towards Net Zero, this plan sets carbon reduction targets for the 7-year period to 2030. During this time, targets will be set for the remaining period to ensure Net Zero will be achieved by 2050.

We are aiming to reduce our absolute carbon emissions by at least 90% by 2050 from our baseline year and 50% by 2030, in line with science-based Net Zero targets and the Race to Zero initiative. To keep ourselves on track with these long-term targets, we have set the following near-term goals:

- Reduce our Scope 1 emissions by 20% from our baseline year by 2025.
- Reduce our Scope 1 emissions by 50% from our baseline year by 2030.
- Reduce our Scope 2 emissions to zero by 2030.
- Reduce our Scope 3 emissions by 20% from our baseline year by 2026.
- Reduce our Scope 3 emissions by 50% from our baseline year by 2030.

### Carbon Reduction Projects

#### *Completed Carbon Reduction Initiatives*

The following environmental management measures and projects have been completed or implemented since the start of our 2021-2022 baseline. Since our baseline is also our most recent measurement year, we are not able to measure carbon reduction progress yet.

<b>Activity</b>	<b>Completion Date</b>	<b>Scope</b>
Committed to measuring carbon footprint of business activities year on year to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions. Appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations. We have gone beyond a PPN 06/21 measurement and compliance and chosen to measure most Scope 3 categories.	2022	1,2,3
Achieved ISO 9001, 14001, 45001 certifications. These management systems allow us to better monitor	2022	1,2,3

processes and systems and improve efficiencies and sustainability.		
Installed Idling Reduction Technology to fleet trucks to turn off engines when idling and reduce fuel use.	2022	1
Ran driver training courses to improve efficiency, reduce idling, and reduce fuel use.	2022	1
Installed a power management system to reduce energy use.	2022	1, 2
Installed an air recirculation system to reduce heating and cooling requirements.	2022	1, 2
Reduced the purchase of equipment and machinery and increased reuse.	2022	3
Partnered with an effluent removal organisation allowing effluent from welfare cabins to be pumped directly into the mains wastewater system. Reduces 52 lorry journeys per year per welfare facility rented out to customers.	2022	3
Improved waste management systems, increasing reuse and recycling and products.	2022	3
Moved more towards renewable powered generators (e.g. solar) instead of diesel, provided on hire to customers.	2022	3 - leased assets/ use of sold products (not yet measured)

In the future we hope to implement further measures to reduce our Scope 1 & 2 emissions, including:

REDUCTION PLANS – Scope 1 & Scope 2				
Activity No.	Activity	Target Date	% Reduction Target	Category
1	Firstly consider low-cost options such as reducing boiler temperatures at all sites and adding heat & solar control reflective window sheets. Install thermostats and turn them down to sensible temperatures (usually 18 - 20 degrees for offices). Use the systems and technology we have more efficiently.	2024	20%	Stationary Combustion
2	Embedding a better control and route management system for transportation in our own fleet.	2024	TBD	Company vehicles
3	Seek to procure a 100% renewable electricity tariff across the organisation. This change will reduce <b>market-based</b> emissions (from chosen tariff) to 0 tCO <sub>2</sub> e.	2025	100%	Purchased Electricity (market-based)
4	We will implement behaviour change initiatives within the workplace to reduce emissions, including clear messaging for turning off lights, monitors, computers, and other electrical appliances where appropriate. We will assign roles and responsibilities to Green Team members.  High-level monitoring of energy use is key to understanding further pinch points.	2024	20%	Purchased Electricity (location-based)
5	Implement energy efficiency measures and optimise operational procedures to reduce the overall amount of electricity consumed at sites.  Examples of reduction measures include upgrading lighting, introducing more sensor lighting, installing timers on sockets/equipment. Also review and renew inefficient equipment (when at end of life), and	2025	10%	Purchased Electricity (location-based)

	actively consider the energy efficiency of equipment when new purchases are required (e.g. machinery). Invite colleagues from different sites to openly explore challenges and barriers to collaboratively find solutions for reduction.			
6	Remove towing trailers when empty, and use lighter trailers, to reduce load of fleet vehicles when distributing products.	2023	10%	Mobile Combustion
7	Research alternative fuels to diesel for wagons/HGVs. For example propane may reduce emissions by 50% but is it a long-term, financially-viable solution? Might it be best to wait for electric vehicle solutions? To be reviewed in the next few years.	2030	TBD	Mobile Combustion
8	To completely reduce both market and location-based energy emissions to zero, consider installing on-site renewable energy generation technologies such as solar PV panels, solar heating, heat pumps (following an energy audit to assess feasibility and payback periods), to generate 100% of heating and energy demand. Consider removing on-site stationary combustion (gas) heating. To be reviewed in the next few years.	2030	100%	Stationary Combustion Purchased Electricity (location and market-based)

Based upon the above completed and planned initiatives, it is projected that Scope 1 & 2 carbon emissions will (as a minimum) decrease to **155.3 tCO<sub>2e</sub>** by 2025 from **255.3 tCO<sub>2e</sub>**, a reduction of **39.3%**. Within the next couple of years we need to review our onsite heating options to reduce this further and stay on track with our Net Zero goals.

We also aim to implement the further initiatives below to reduce Scope 3 emissions:

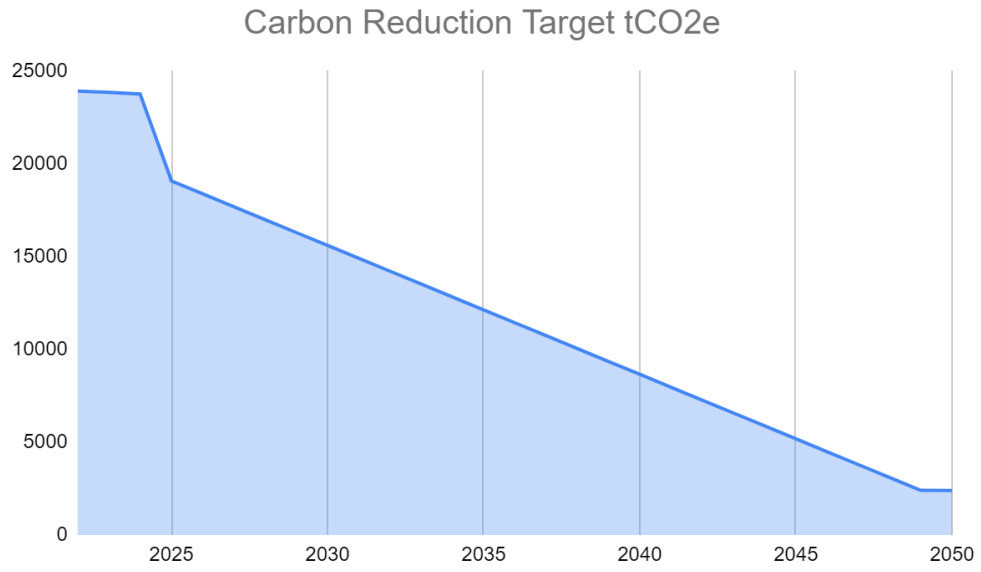
<b>REDUCTION PLANS – Scope 3</b>				
<b>Activity No.</b>	<b>Activity</b>	<b>Target Date</b>	<b>% Reduction Target</b>	<b>Category</b>
1	Create a Green Team to lead initiatives. This team is to be made up of members from different departments to support the roll out of initiatives and management of data, this includes sharing and collaborating throughout the organisation.	2023	N/a	All

2	<p>Consider training and engagement for the Green Team, leadership, and the wider employee base. Including and not limited to, creating spaces for environmental positive conversations (internal comms, newsletters, slack, Teams etc), and delivering certified Carbon Literacy Training to all members of staff. On average, certified learners reduce their carbon footprints by 5-15%, of which ~50% are work-related.</p>	2024	2.5 - 7.5%	Commuting & Home Working Business Travel
3	<p>Implement a Sustainable Procurement Policy. Encourage suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, procurement policies and contracts, and monitoring reporting mechanisms.</p> <p>This may also involve prioritising the purchase of second hand/ refurbished (furniture, IT equipment) and extending the lifespan of already purchased items.</p> <p>Develop and monitor procurement policy for all new suppliers to align to Net Zero goals.</p>	2025	20%	Purchased Goods & Services
4	<p>Commit to a Supply Chain Sustainability Audit to request further information regarding credentials – plan to send these to the top 5-10 suppliers by spend initially then roll out further. This data collection will support the reduction journey by gathering important data for year two measurement &amp; encourage supply chain integration towards Net Zero.</p> <p>Complete this audit in Two Phases –</p> <ol style="list-style-type: none"> <li>1. Identify suppliers for engagement.</li> <li>2. Formulate and collect data (survey/ scoring)</li> </ol> <p>Once completed, engage with lower priority suppliers as part of the above phased approach.</p>	2024-2026	10%	Purchased Goods & Services
5	<p>Review insurance, banking, and pension providers to make sure that our money isn't being invested in oil &amp; gas or other carbon intensive industries. Switch providers if necessary. Use Bank Green to review banking options <a href="https://bank.green/">https://bank.green/</a> and Make My Money Matter to join the Green Pensions campaign <a href="https://makemymoneymatter.co.uk/">https://makemymoneymatter.co.uk/</a>.</p>	2025	1%+ (data currently unavailable)	Purchased Goods & Services
6	<p>Review logistics partners/couriers and utilise the above Sustainable Procurement Policy. Work with</p>	2025	20%	Upstream Distribution

	<p>providers to gather their emissions data, and/or switch to lower-carbon providers.</p> <p>Prioritise purchasing from local suppliers if possible to limit delivery mileage.</p> <p>(This is separate to fleet vehicle distribution, covered in Scope 1)</p>			Downstream Distribution
7	<p>Develop and implement a Sustainable Travel Policy to support the environmental impact of choices when travelling, staying in hotels and commuting. The priorities within this policy will support active travel and low emission travel options where appropriate.</p> <p>Monitor and consider alternatives to single-person ICEV travel as a priority and commit to offering support to the workforce with options for active travel schemes; such as bike to work or car sharing opportunities.</p> <p>Utilise the emissions travel hierarchy:</p> <ul style="list-style-type: none"> <li>● Digital communication</li> <li>● Walking &amp; wellbeing</li> <li>● Cycling</li> <li>● Public and shared transport</li> <li>● Public and shared EV's and car sharing</li> <li>● ICE vehicles and car sharing</li> <li>● Air Travel</li> </ul> <p>Consider creative ways to engage and support the workforce to influence change.</p> <p>Examples include setting an internal organisation carbon credit scheme (limit that to a number of tCO<sub>2</sub>e per year), extra holiday days for low emission travel choice, bonuses, subsidised travel, equal mileage payments for diesel/petrol/EVs/cycling.</p>	2024	20%	Business Travel Commuting
8	<p>Discuss with existing manufacturers the possibility of UK processing or warehousing sites to reduce distribution emissions.</p>	2030	TBD	Upstream Distribution

Based upon the above completed and planned initiatives, it is projected that Scope 3 carbon emissions will decrease over the next four years from the 2021/22 measurement of **23,667.82 tCO<sub>2</sub>e** to **17,972.70 tCO<sub>2</sub>e** by 2026. This is a reduction of **24%** and will keep us on track to achieve our Net Zero target.





## 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>.

This Carbon Management Plan has been reviewed and approved by Pickering's Hire Limited's Executive Team.

### **Signed on behalf of Pickering's Hire Limited:**



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Name: Neil Moss

Position Managing Director

Date: 26<sup>th</sup> June 2023

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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/corporate-value-chain-scope-3-standard>