Elite-Mech Services Ltd

Carbon Reduction Plan

Supplier name: Elite-Mech Services Ltd
Company Registration Number: 11685523
Published date: June 2025

Commitment to achieving Net Zero

Elite-Mech Services Ltd 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 December 2023 – November 2024.

Baseline Year: 2023-2024	
Additional details relating to the Baseline Emissions calculations: The current reporting year December 2023 – November 2024 is the first year that we have measured and reported our carbon footprint and will serve as the baseline year for future measurements. Commuting emissions have been recorded as zero, as all employee travel is conducted using company-owned vehicles. As such, these emissions are accounted for under mobile combustion. The company has not used couriers or third-party transportation services during the reporting period. Please note that some estimates have been applied, particularly to business transportation and mobile combustion, and procurement data does not yet reflect the full scope of company spending. In addition, improvements are needed in the accuracy and completeness of utilities data to better capture overall emissions.	
Baseline year emissions: 2023 – 2024	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	10.6
Scope 2	Market-based: 0.8 Location-based: 0.8

Scope 3 including: ● Purchased Goods & Services ● Capital Goods ● Fuel & Energy Related Services ● Business Travel ● Transportation & Distribution (Upstream & Downstream) ● Employee Commuting & Homeworking ● Operational Waste & Water	55.7
Total Emissions	**Market-based:** 67.2 **Location-based:** 67.2

Our total emissions equate to a Carbon Intensity Metric of 11.2 tCO_2e **per full-time employee equivalent** (FTE) based on 6 FTEs during the baseline period (using market-based emissions).

**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.*

Current Emissions Reporting

Reporting year emissions: 2023 – 2024	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	10.6
Scope 2	Market-based: 0.8 Location-based: 0.8
Scope 3 including: ● Purchased Goods & Services ● Capital Goods ● Fuel & Energy Related Services ● Business Travel ● Transportation & Distribution (Upstream & Downstream) ● Employee Commuting & Homeworking ● Operational Waste & Water	55.7
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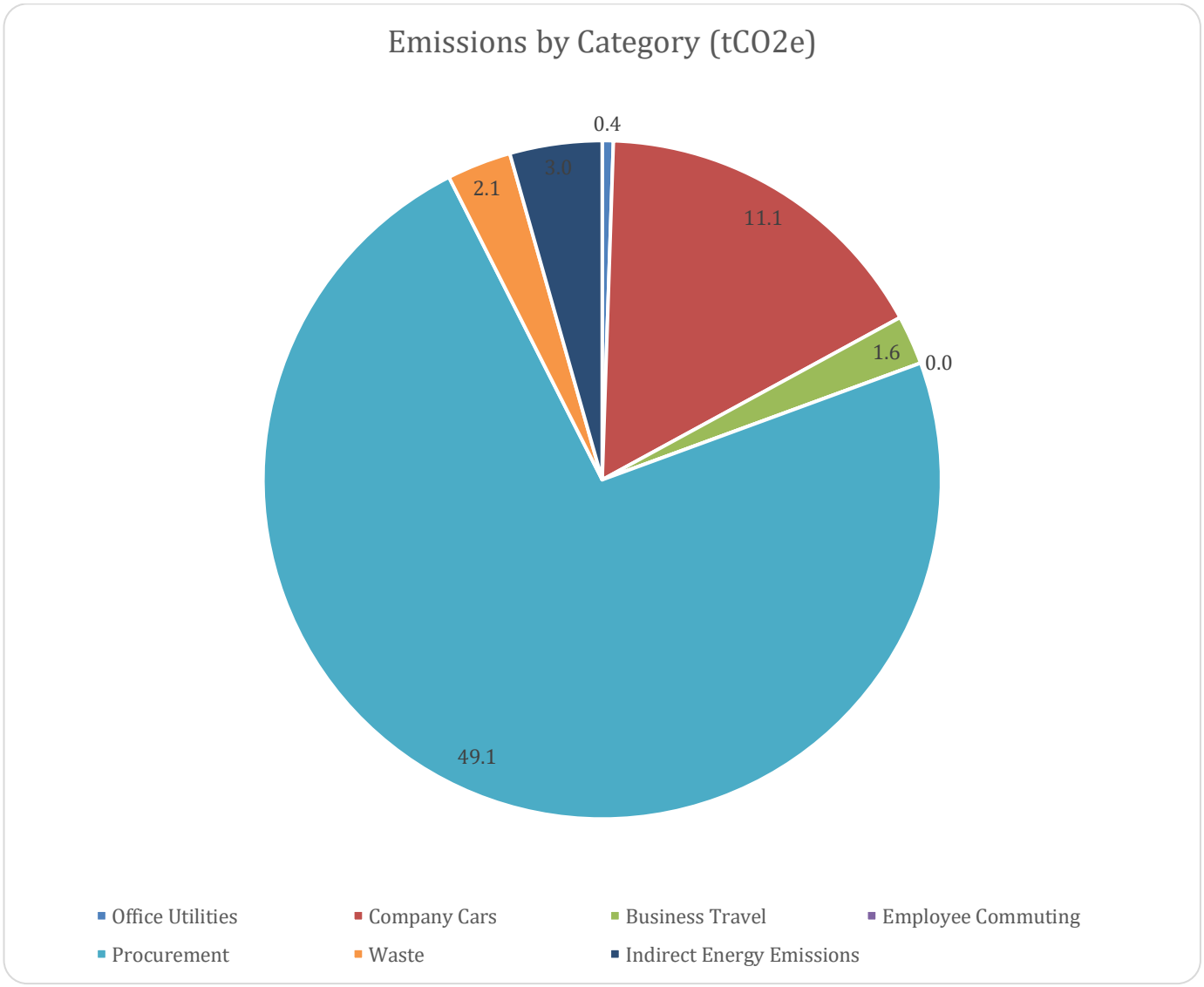


Emissions reduction targets

Elite-Mech Services Ltd is committed to achieving Net Zero by 2050.

To achieve Net Zero, we will need to reduce our absolute emissions by 90% from our baseline year and offset any residual emissions. To track our progress towards our long-term Net Zero target, we have also set some near-term targets to 2030.

Our near-term targets:

- Reduce scope 1 and 2 emissions to zero by 2030.
- To procure 80% renewable electricity by 2028 and 100% by 2030.
- Reduce measured scope 3 emissions by 42% by 2030.

Our long-term targets:

- Reduce our total market-based emissions (scope 1, 2 and 3) by at least 90% by 2050.
- Neutralise any residual emissions using verified carbon offsets.

Progress

We have only measured one period so far and therefore have no progress to show.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented.

Activity	Completion Year	Scope
Commit 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. Year 1 appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.	2025	1,2,3
Since the reporting period, the company has purchased an electric vehicle (EV) as part of its ongoing efforts to reduce emissions from mobile combustion.	2024	1

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

REDUCTION PLANS – Scope 1 & Scope 2				
Activity No.	**Activity**	**Target Date**	**% Reduction Target**	**Category**
1	Consider procuring a 100% renewable electricity tariff at the site. This change will reduce **market-based** emissions (from chosen tariff) from the office (common areas) to 0 tCO2e.	2027	100% (market-based)	Purchased Electricity
2	Total **location-based** electricity emissions (National Grid energy mix) are still 0.8 tCO2e so there is an opportunity to reduce energy use. We will implement behaviour change initiatives within the workplace for reduction of emissions, including clear messaging for turning off lights, monitors, computers, and other electrical appliances where appropriate. High-level monitoring of energy use is key to understanding further pinch points.	2028	20% (location-based)	Purchased Electricity
3	Implement energy efficiency measures to reduce the overall amount of electricity consumed at sites. Optimise operational procedures and implement energy management systems (such as ISO 14001). Examples of reduction measures include: ● upgrading lighting and introducing more sensor lighting, and aligning sensor times to usage patterns (eg 3 minutes for corridors, 20 minutes for working spaces) ● installing timers on sockets/equipment ● reviewing and renewing inefficient equipment (when at end of life), and actively consider the energy efficiency of equipment when new purchases are required (eg laptops, fridges, dishwashers)	2027	10% (location-based)	Purchased Electricity

	Invite colleagues from different sites to openly explore challenges and barriers to collaboratively find solutions for reduction.			
4	To completely reduce market and location-based energy emissions to zero, install 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. Alternatively, encourage the landlord to do the above or consider moving site. If the UK Grid is 100% powered by renewable energy before this point, your Scope 2 location-based (and market-based) electricity emissions will already be zero. You would still need to consider gas emissions unless removed (or better technology is available).	2030	100% (location and market-based)	Stationary Combustion Purchased Electricity
5	Conduct a review of company vehicles to outline a strategy for company vehicle electrification: ● Determine which vehicles to electrify first, dependent on which vehicles are used most, which vehicles are most polluting, and which vehicles are oldest ● Determine if fleet size can be reduced by using active transport (such as using e-bikes or e-cargo tricycles for shorter use cases) ● Determine a timeframe for vehicle electrification and commit to this	2028	100%	Mobile Combustion Purchased Electricity (EVs)
6	Consider driver-efficiency training for company car users – this should demonstrate a reduction in total fuel/electricity use.	2026	10%	Mobile Combustion Purchased Electricity (EVs)

Based upon the above completed and planned initiatives, it is projected that Scope 1 & 2 carbon emissions will decrease to **0 tCO_2e** by 2030.

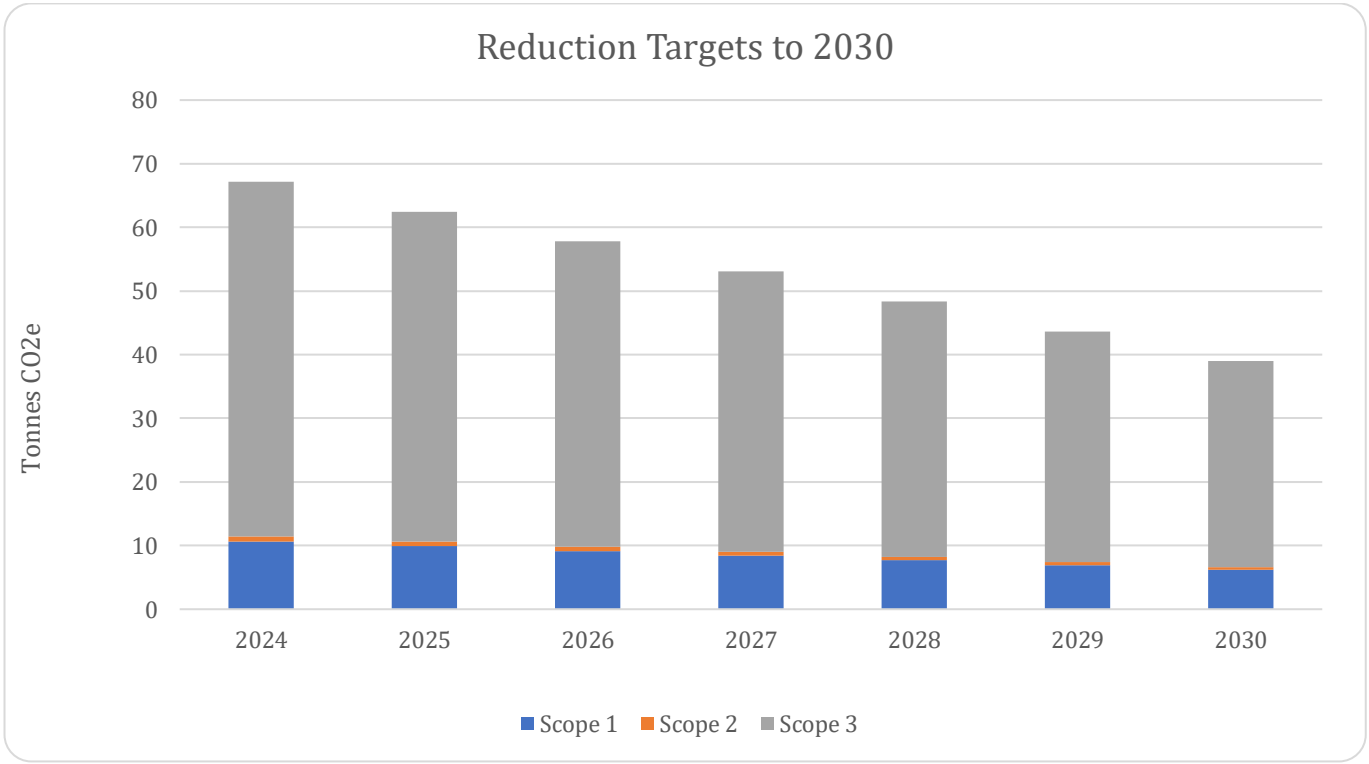
We also aim to implement the further initiatives below to reduce Scope 3 emissions:

REDUCTION PLANS – Scope 3				
Activity No.	**Activity**	**Target Date**	**% Reduction Target**	**Category**
1	Consider training and engagement for the employees. Including and not limited to, creating spaces for environmental positive conversations (internal comms, posters etc), certified Carbon Literacy Training for all applicable to roll out to further workforce and share with externals where appropriate. On average, certified learners reduce their carbon footprints by 5-15%, of which ~50% are work-related.	2028	2.5 - 7.5%	Commuting & Home Working Business Travel
2	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. Commit to a Sustainability Audit or Survey to request further information regarding credentials – plan to send these to the Top 10/20 suppliers by spend. This data collection will support reduction journey by gathering important data for future measurement & encourage supply chain integration towards Net Zero. Complete this audit within two phases: 1. Identify suppliers for engagement 2. Formulate and collect data (survey/scoring) Once completed prioritise suppliers with lower carbon footprints as part of the above phased approach. This may also involve purchasing second hand/refurbished (furniture, IT equipment) and extending the lifespan of purchased items. Develop and monitor procurement policy for all new suppliers to align to Net Zero goals.	2027 - 2029	20%	Purchased Goods & Services
3	Develop and implement a Sustainable Travel Policy to support environmental impact of choices when travelling, staying in hotels and commuting. The			Business Travel Commuting

	priorities within this policy will support active travel and low emission travel options where appropriate. Monitor and consider alternatives to air-based travel as a priority and commit to offering support to workforce with options for active travel schemes, such as bike to work or car sharing opportunities. Utilise the emissions travel hierarchy: ● Digital communication ● Walking and cycling ● Public and shared transport ● EV's and car sharing/clubs ● ICE vehicles and car sharing/clubs ● Air travel Consider creative ways to engage and support workforce to influence change. Examples include setting an internal organisation carbon credit scheme (limit that to a number of tCO_2e per year), extra holiday days for low emission travel choice, bonuses, subsidised travel, and equal mileage payments for diesel/petrol/EVs.	2027	15%	
4	Commit to **improving data quality year-on-year** to increase the accuracy of future carbon footprint measurements. Consult relevant staff members and begin setting up systems for the capture of high-quality data throughout the year that can be used for the annual footprint calculation. Especially within categories such as Goods and Services and Capital Goods.	Ongoing	-	All

Elite-Mech Services Ltd

Based upon the above completed and planned initiatives, it is projected that (as a minimum) Scope 3 carbon emissions will further decrease over the next five years from the current normalised measurement of 55.7 tCO_2e to 39.0 tCO_2e by 2030. This is a reduction of 7% and will keep us on track to Net Zero.



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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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Management Plan has been reviewed and approved by Elite-Mech Services Ltd Executive Team.

Signed on behalf of Elite-Mech Services Ltd:

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Name: Mitchell Pursey

Position: Company Director

Date: 12/06/25

1 https://ghgprotocol.org/corporate-standard

2 https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

3 https://ghgprotocol.org/corporate-value-chain-scope-3-standard