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## CARBON MANAGEMENT PLAN

### Introduction

Management of Linecross is aware that all of its activities associated with the development, manufacture, distribution and use of its products can have a direct or indirect influence on the environment, in particular our carbon emissions contributing to global warming. Decarbonisation is a priority within the company.

This Carbon Management Plan (CM Plan) sets out our ambitions for 2030, and a roadmap for progress. Reducing carbon emissions is not just about our commitment to the environment. The same processes we use to identify carbon emissions reductions will also identify and realise financial savings through improved efficiency in the procurement and operation of our machinery, buildings and transport. The actions outlined within this Plan form part of our efficiency plan to reduce consumption and provide value for money.

The 2022 carbon footprint was calculated to be 9,471 tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) and covered Scope 1,2 and 3 emissions. This includes electricity, gas and gas oil consumption, transport (fleet), water and wastewater consumption, and waste disposal; as well as raw material use, employee travel, and product freight emissions. Of this, material use accounted for 7,243 tCO<sub>2</sub>e.

Linecross has offsets and deductions totalling 570 tCO<sub>2</sub>e from closed-loop recycling of raw material waste. This gives a net emissions level excluding material of 1,658 tCO<sub>2</sub>e in the baseline year of 2022.

Linecross has set a target to reduce its net annual carbon footprint excluding material by 1,658 tCO<sub>2</sub>e by the end of financial year 2030, to a baseline of 0 tCO<sub>2</sub>e net emissions excluding material, or 7,243 tCO<sub>2</sub>e including material use. This represents being carbon neutral excluding material use, and is a reduction of 18% of gross carbon emissions, or 100% of net carbon emissions excluding material use.

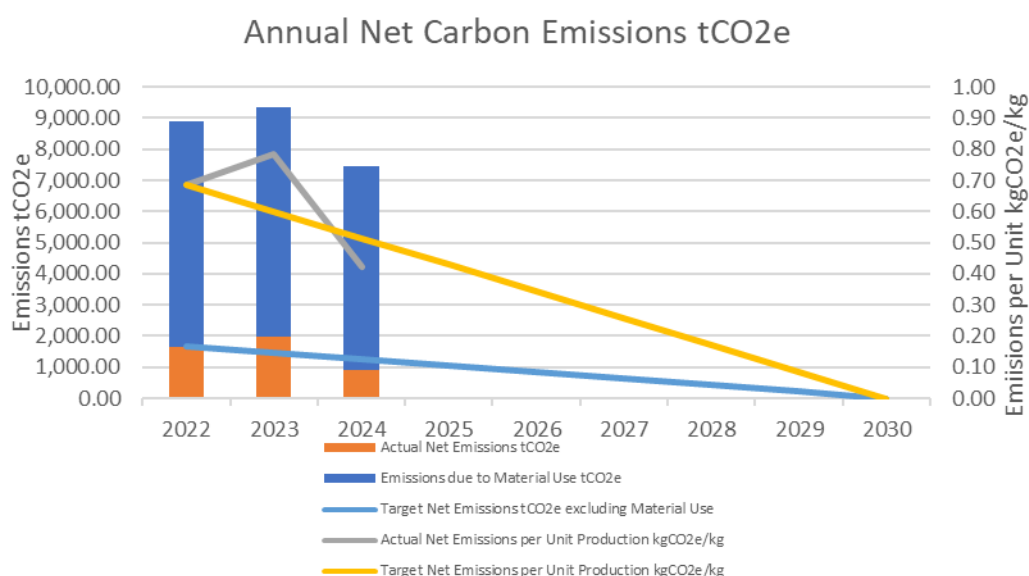
Material use has been excluded from the 2030 target as the majority of raw materials used are specified by customers and cannot be changed within the product lifecycle without significant re-validation programmes. Linecross will work closely with customers on future projects to consider emissions and other environmental factors as part of the raw material selection criteria.

In spite of this, Linecross are targeting a reduction in our material use emissions to 6,321 tCO<sub>2</sub>e by 2030, which represents converting all material usage at the 2022 baseline year quantities to utilise closed-loop recycled material.

An additional target has been set to achieve overall net zero for gross tCO<sub>2</sub>e including material use by 2050, although a road map to achieving this is still to be defined.

The following graph demonstrates the 2030 target:

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## Carbon Management Performance to Date

Although Linecross commenced the carbon management plan in 2023, the business has been implementing energy saving measures since the start of the 2020's. Linecross participated in ESOS Phase 2 in 2019 which created a starting point for understanding and addressing carbon emissions for the business.

Since the ESOS Phase 2 review, Linecross has installed PEV solar panels at both sites that generate circa 13% of the company's annual electricity requirements. The entirety of the company car fleet has been converted to either petrol hybrid or fully electric vehicles, and a number of electric vehicle chargers have been installed at both sites.

The key challenges facing the business regarding carbon reduction are the raw materials used and the energy intensive machinery required to process these. During 2023, energy monitoring systems were installed on all key machines to allow further analysis of energy usage and the development of further targeted actions to reduce energy usage and improve operational efficiencies. A new electricity supply contract was agreed from October 2023 which guarantees 100% renewable electricity supply for both sites. Energy reduction teams were implemented at both sites during Q4 of 2023 and meet monthly to monitor and report progress on energy reduction projects. During 2024 Linecross has made further significant investment in energy efficiency, installing voltage optimisation equipment at both sites. Linecross have also continued the electrification of the forklift truck fleet.

Raw material usage comprises over 75% of the business's tCO<sub>2</sub>e emissions, as all most materials currently used are hydrocarbon derived polymers. Linecross is actively working on development projects with a number of key customers to switch to recycled or bio-based alternative materials, in order to reduce the environmental impact of raw materials.

The carbon emissions calculation for 2024 shows a significant reduction in total emissions compared to the baseline year of 2022. There were two key drivers for this increase:

- Increased offsets for closed-loop recycling of production material, driven by changes to the government GHG conversion factors.
- Reduced material usage due to a softening of customer demand, and a subsequent reduction in production volumes.

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- Reduced long distance freight owing to a smaller programme of new tooling development with customers. This is expected to increase significantly in 2025 when several new projects will increase the requirements for freight.

### **Management and Delivery of the Carbon Management Plan**

In order to ensure that there is effective and ongoing ownership of the Carbon Management Plan, it is important to have a fully defined governance structure. The Senior Management Team will take overall responsibility for delivery of the Carbon Management Plan.

Progress against the plan will be monitored during monthly Senior Management Team meetings, with the entire staff engaged in delivering projects.

### **Communication and Progress Reporting**

Linecross's carbon footprint calculation for each year and the targets for 2030, alongside the projects being deployed to deliver the carbon reduction targets, have been communicated to the wider business through training for all current staff and as part of the induction process for all new staff.

The CM Plan will be published on the Linecross website [www.linecross.co.uk](http://www.linecross.co.uk).

The CM Plan will also be reported on [www.smeclimatehub.org](http://www.smeclimatehub.org).

Progress will be reported annually, with yearly updates to the Carbon Management Plan. The carbon footprint for the business will be calculated each year using the latest available data.