



First Mile's Carbon Reduction Plan 2023

Introduction

First Mile's entire business model is focussed on reducing carbon emissions from new product manufacture, by replacing virgin feedstock with recycled feedstock. We do this by enabling UK businesses to recycle more through our services. Using recycled feedstock in manufacture has a much lower carbon impact, and prevents natural resource extraction which is responsible for 90% of global biodiversity loss.

This document outlines the steps we take including and above and beyond our business model to reduce carbon.

Baseline Emissions 2022

Scope 1: 2,658 T CO₂e

Scope 2: 56 T CO₂e

Scope 3: In progress

Science Based Targets Initiative

We have committed to reduce our combined scope 1 and scope 2 emissions by 42% from a 2022 baseline. Our target has been verified by the Science Based Targets Initiative to align with a 2030 near-term 1.5°C warming scenario.

We have also publicly committed to measuring and reducing our scope 3 emissions. We are awaiting supplier responses and hope to publish the material components of our 2022 scope 3 emissions later this year, in line with the GHG Protocol Corporate Standard.

More information can be found at:

[Companies taking action - Science Based Targets](#)

Net Zero Commitment

First Mile is committed to achieving Net Zero by 2050 at the latest. We aim to attain this objective well in advance of the year 2050.

Carbon Reduction Projects:

1. **Increase Customer CO₂ Avoidance:** First Mile aims to enhance its positive impact on the environment by facilitating customer recycling. This approach has led to significant CO₂ avoidance, a trend we plan to continue by increasing recycling rates and improving the quality of processing recyclables.
2. **Reduce First Mile CO₂ per Tonne Collected:** The company measures its operational impact as the carbon intensity of collections from customers. They have

achieved reductions in CO2 emissions intensity through improved customer density and route optimization.

3. **Implement a Circular Economy Approach:** First Mile focuses on high recycling rates, promoting more reuse, and developing closed-loop solutions for specialized materials. This approach is integral to their strategy for reducing carbon emissions.
4. **Other Initiatives:**
 - Enable even higher customer recycling, including more hard-to-recycle streams.
 - Deploy more zero-emission cargo bikes and implement technology to improve optimisation of routes, further reducing carbon impact.
 - Certify as a B Corp
 - Introduce a new reporting suite for customers that includes broader carbon analysis and scope reporting.
 - Incorporate additional environmental data points like biodiversity impact and methane avoidance.
 - First Mile has been involved in funding carbon offset projects since 2012 and is planning to include direct air capture projects in its portfolio.
 - Invest in testing new vehicle technologies, including electric and hydrogen power, and have invested significantly in route optimization software to make their operations more carbon efficient.

This plan demonstrates First Mile's commitment to reducing its carbon footprint through a combination of operational improvements, customer engagement, and technological innovation, while also focusing on social responsibility and future sustainability goals

Declaration

First Mile has recorded and reported emissions in line with the GHG protocol corporate standard for scope 1 and scope 2 emissions.

This Carbon Reduction Plan has been approved by First Mile Senior Management Team.