

2024 Carbon Emission Reduction Plan

Edinburgh Trams is committed to reducing both our own Carbon emissions and in the city of Edinburgh. This is being achieved by incorporating emission reduction objectives into our business plans. With the objectives being managed through our ISO 14001:2015 certified Environmental Management System.

Strategic Environmental Objectives

- Reduce our impact on the environment through greater efficiency in energy usage.
- Maximise recycling opportunity, reducing the amount of waste disposed of in landfill where possible.
- Promote environmental awareness for our colleagues and contractors.
- Implement processes to prevent environmental non-conformities.
- Ensure that we are suitably prepared to deal with potential environmental emergencies.
- Identify other environmental commitments relevant to our operations.
- Take action within our organisation to reduce the city's Carbon Emissions.

Annual Environmental Objectives 2024

- Familiarise business with the UN Sustainable Development Goals.
- Replacement of Tram Vehicle Lights with LEDs.
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- Replace current gas boilers with more energy efficient variants.
- Replace ETL internal combustion engine fleet vehicles on obsolescence with EV alternatives (Rolling objective 2023 - 2030).
- Optimize server usage reducing energy consumption and e-waste.
- Conduct an Environmental review of our Network, to explore if there are further efficiency savings that could be gained by implementing coasting and breaking markers.
- Roll out account based ticketing, reducing vehicle mileage and staff time collecting and processing cash.
- Introduce sustainable branded marketing handouts.

Where we are now

Emission Source	2023 Including Trams to Newhaven extension GHG emissions CO ₂ e (tonnes)
Traction Power	806.26
Non-Traction Power	62.81
Heating Gas	132.87
Fleet Diesel Usage	16.83
Total	1018.77

In operating the Edinburgh Trams Network, we provide an environmentally friendly mode of mass transport for the city. Attracting users away from other more Carbon intensive forms of transport and reducing emissions. With 2023 seeing the extended network carrying 9.18 million passengers.

Neil Booth
Safety Manager (Environment)