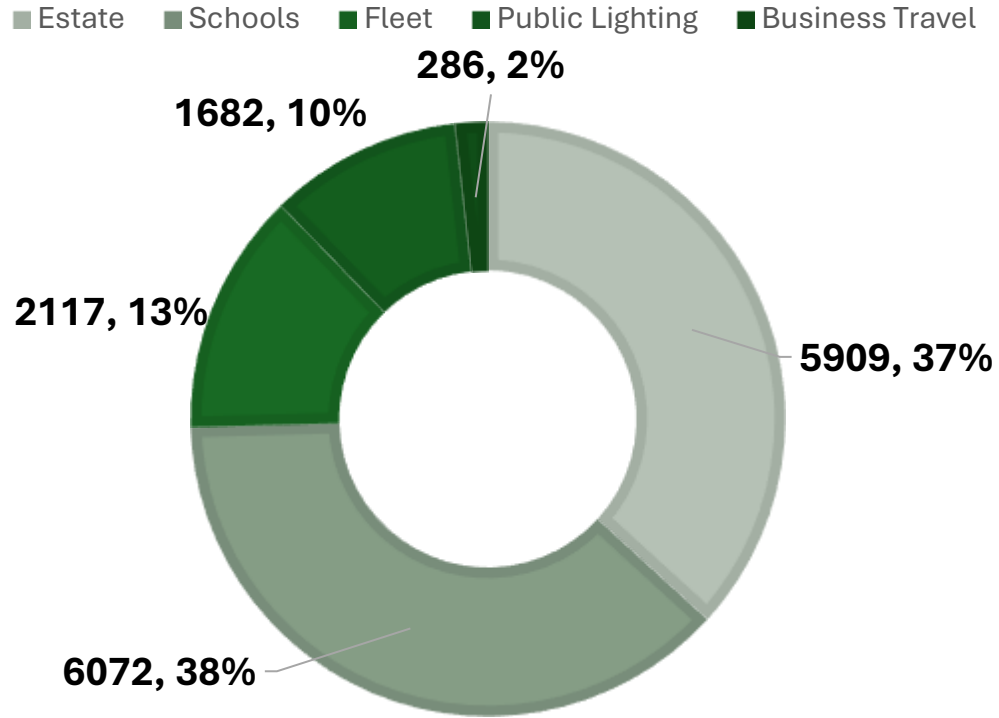


DEPOT DECARBONISATION SALFORD CITY COUNCIL.

28th May 2025

APSE Energy Event

**SALFORD CITY COUNCIL SCOPE 1 & 2
EMISSIONS 2022/23**



Introduction and context

Salford City Council has an ambition to be carbon neutral by 2038 and declared a Climate Emergency in July 2019. Our new Corporate Plan also sets out priorities for SCC, one of which is **responding to Climate Change**.

- Much of the council’s Scope 1 & 2 emissions come from,
 - **Fleet - 13%**
 - **Estate - 37%.**
- Without further decarbonisation of our buildings and the Fleet, the Council and city cannot meet its 2038 carbon neutrality target.





Turnpike Depot



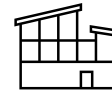
Main depot site for Salford City Council



Key operational site with our **environmental services** based at the depot.



168 vehicles owned across the SCC fleet, with **140** located at Turnpike Depot. From tractors to car derived vans.



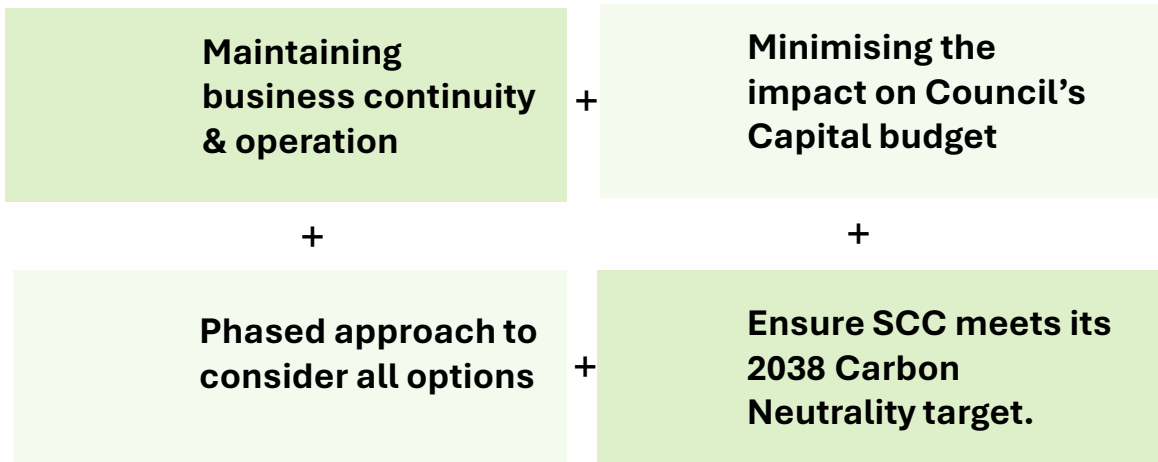
Site consists of **four buildings and parking** for fleet and private vehicles.



Energy consumption in 22/23 was,

- **606,511kWh** Electricity
- **864,452kWh** Gas

Key Principles and Considerations



Considerations

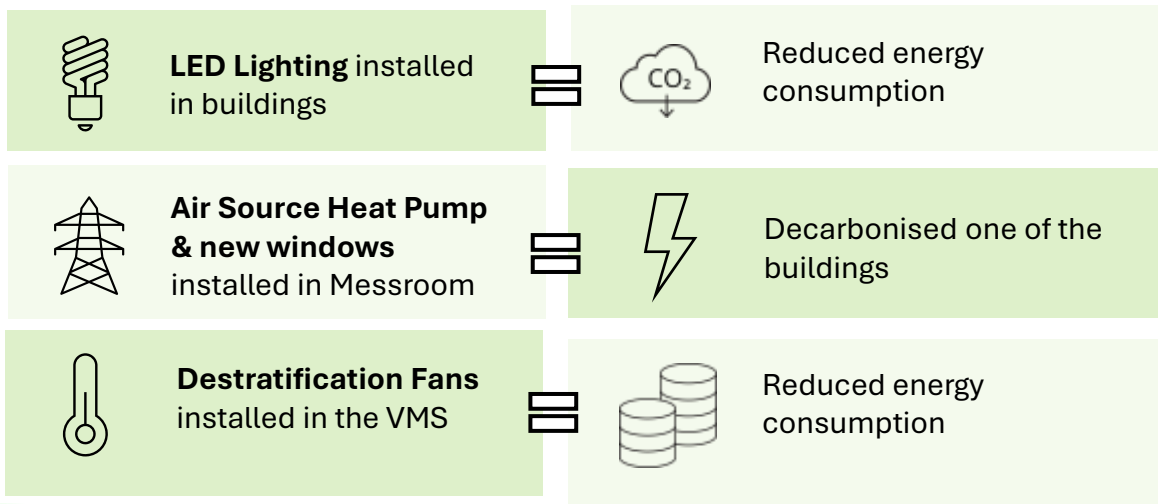
- **Agreement to replace fleet with Electric Vehicles :** Review the type and availability of zero emission vehicles to compare cost and performance against Internal Combustion Engines vehicles.
- **Identification of funding:** Identification of funding mechanisms including grant, council’s capital budget and invest to save. Development of vehicle specific business cases to justify their introduction into the fleet at the right time.
- **Maintaining business continuity:** Ensuring works to site do not impact on the operation of the services. Trialling of vehicles where possible to ensure they can meet our operational requirements.
- **Phased approach:** Vehicles changed when due for renewal. Ensure that the fleet and charging data on can be collected and analysed to inform future decision around fleet and infrastructure.



Buildings Approach

There are four buildings on site where we have looked to reduce energy consumption and remove gas central heating. Installations were funded by,

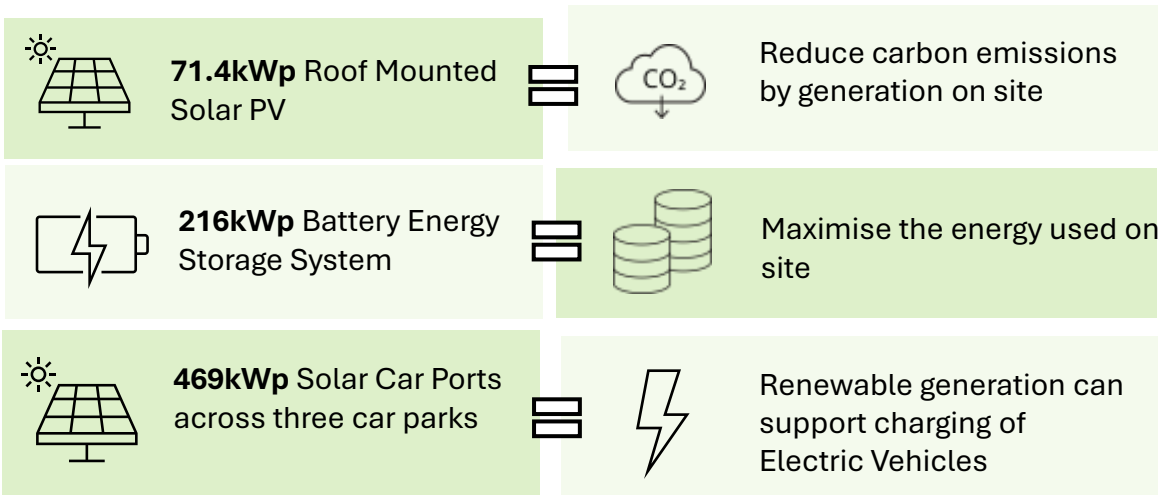
- Invest To Save
- Public Sector Decarbonisation Fund 3a
- Capital



Renewable Energy

The site has maximised the amount of onsite generation which has been funded by,

- Public Sector Decarbonisation Fund 1
- European Regional Development Fund
- Invest To Save



Fleet Vehicles

Following consideration of alternatives, **Electric Vehicles** were the option chosen for future fleet renewals (where available and affordable).

Electric Vehicle and charging infrastructure are funded by,

- Capital
- Invest To Save



Adblue tank installed



Reducing emissions and packaging wastage



Electric Vehicles

purchased in line with planned fleet renewals



Lower maintenance and running costs



Charging Infrastructure

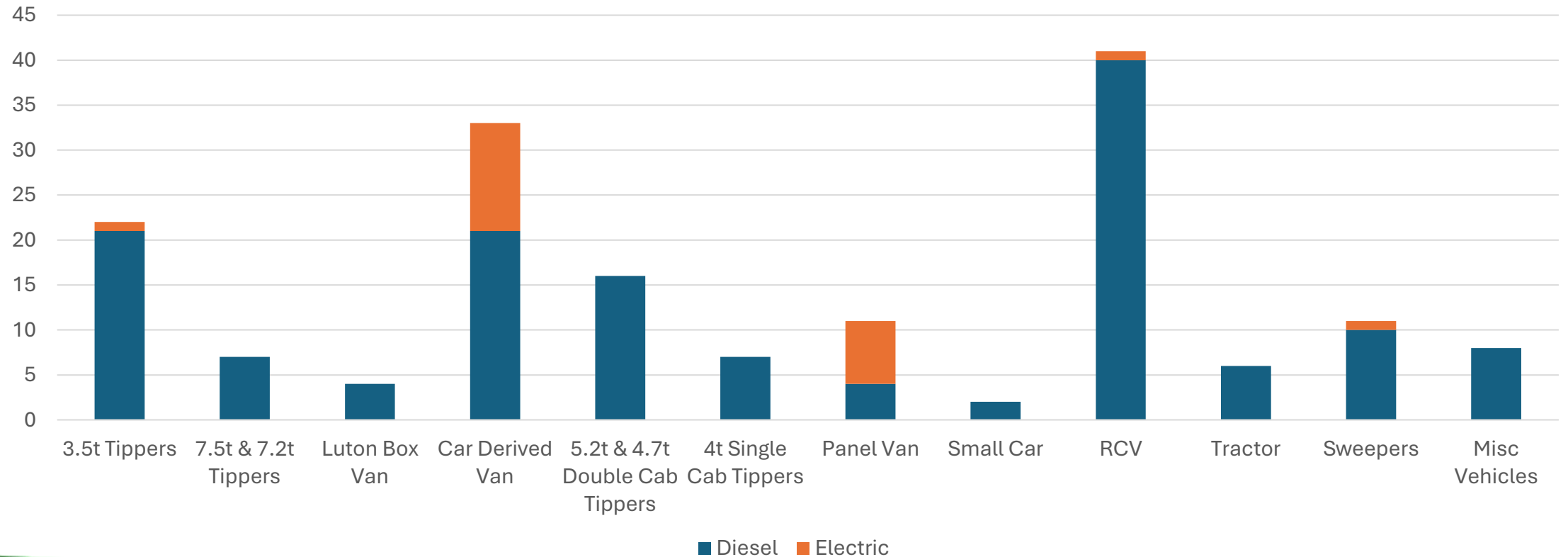
planning and secured funded



Future proofing site to ensure future electricity demand can be met

Vehicle Baseline Position – May 25

Number of Owned Fleet Vehicles



Turnpike Depot Current Status

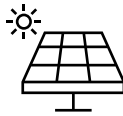
To date at Turnpike,



Turnpike depot has **8 EV chargers, Battery Energy Storage System and Air Source Heat Pumps**



22 vehicles are electric, including car derived and panel vans, a sweeper, a tipper and refuse collection vehicle



541kWp renewable generation installed on site

In 2024/25, **435,480kWh** of electricity was generated on site, of which,



- **195,970kWh** was used on site – 32% of 22/23 usage



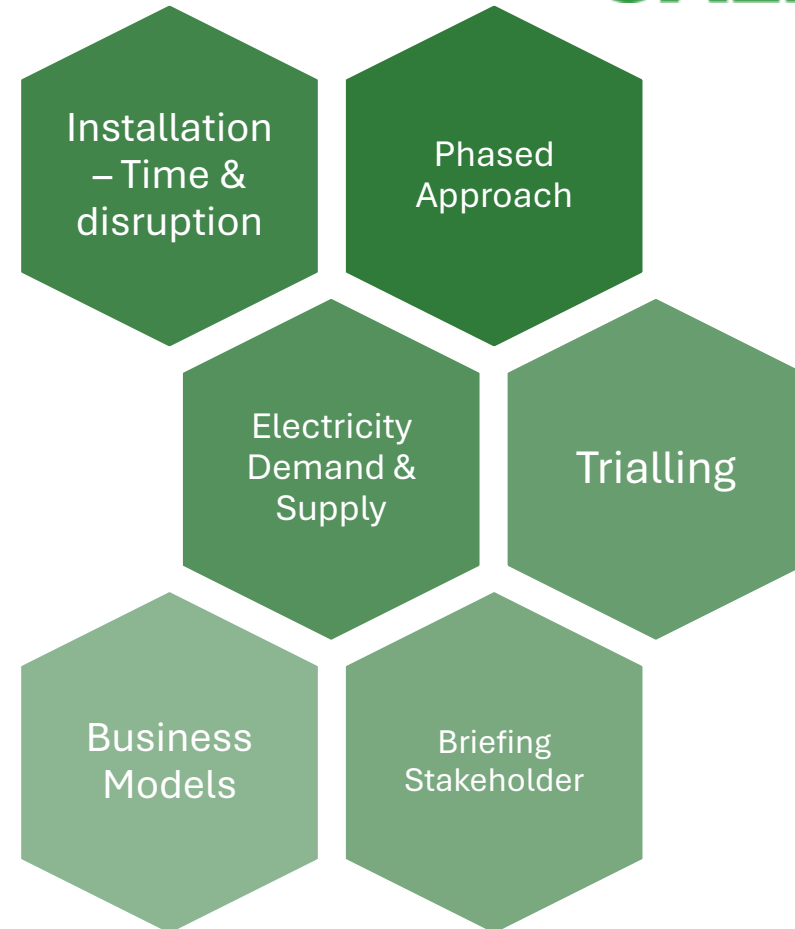
- **239,510kWh** was exported

This has saved the council around **£64k** and over **350tCO2**.

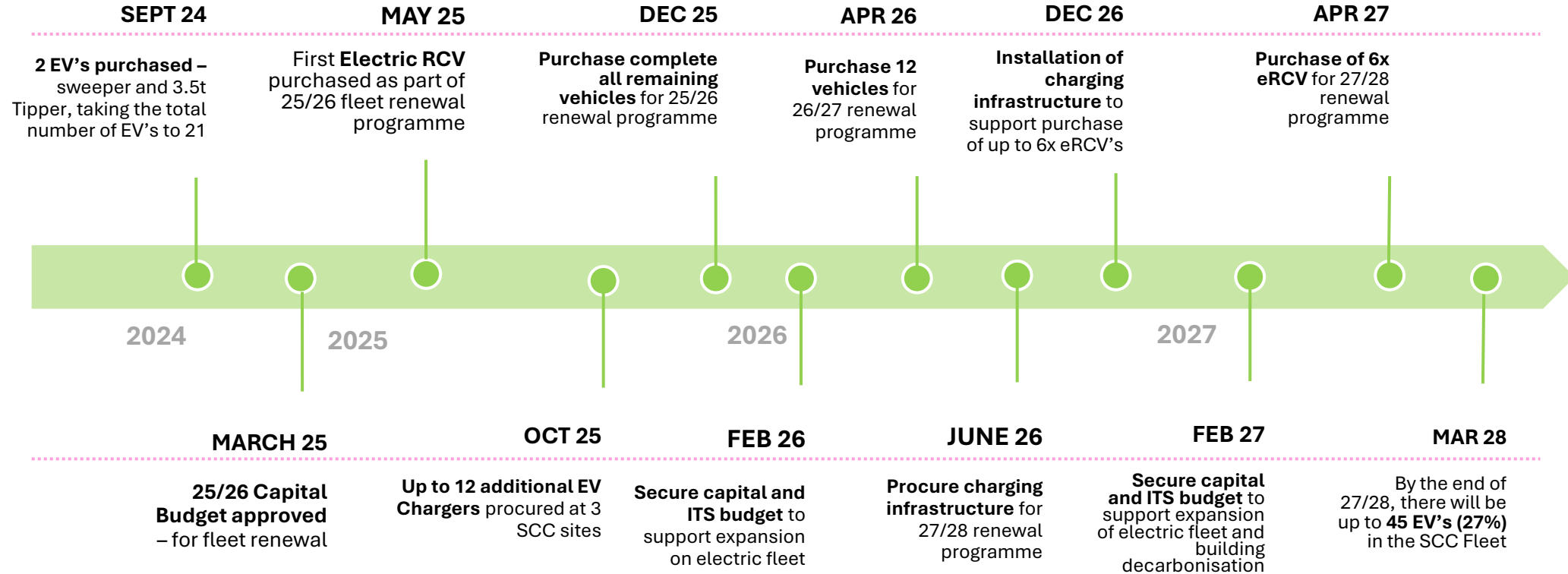


With the EV fleet expanding we are anticipating on site usage will increase over time.

Lessons Learned



Delivery Timescales 2024-2028



Building a fairer, greener and healthier Salford for all.



Thank you

Our vision for Salford is for a fairer, greener, healthier and more inclusive city for all.