

# Dundee City Council EV Infrastructure Journey

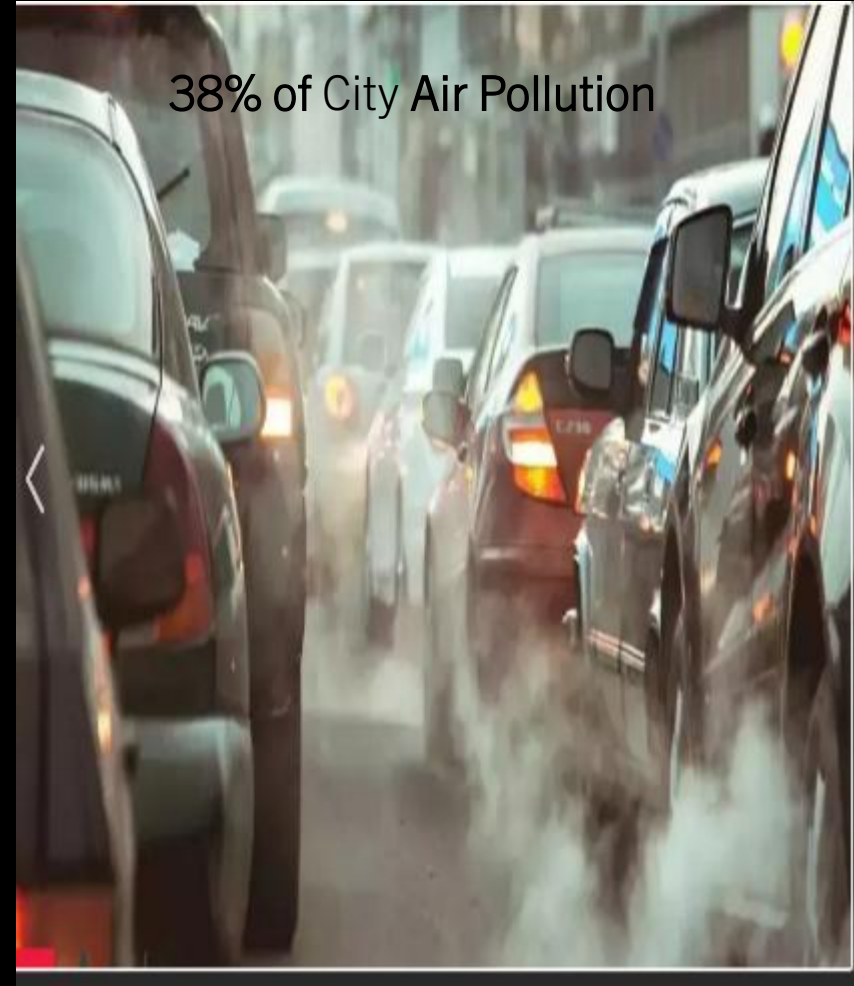
15 Year Journey  
Dundee City Council Fleet  
City EV Infrastructure  
Leadership Buy-In  
Future EV Strategy  
Data Future  
Concession Contract  
Dundee City Council Team



Fraser Crichton  
Corporate Fleet Manager  
Dundee City Council

# DUNDEE HOLISTIC APPROACH 2011

Unique topography with unwelcome statistics



# CURRENT ELECTRIC FLEET

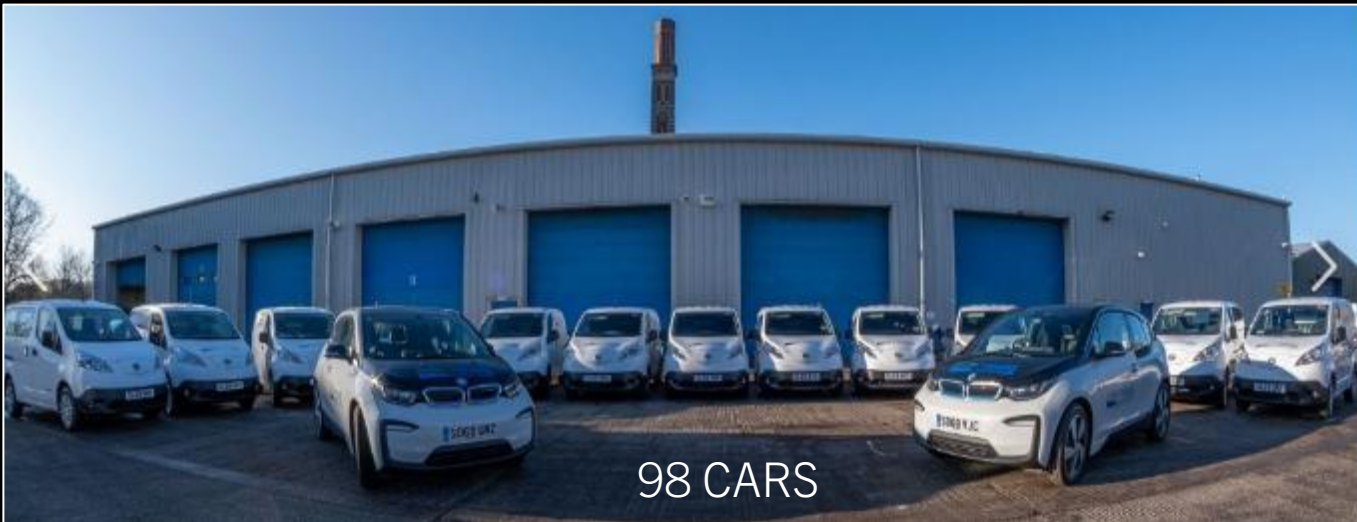
35% vehicles electric



125 VANS



2 X ROAD SWEEPERS



98 CARS



8 X RCVS

# DUNDEE CITY COUNCIL EV INFRASTRUCTURE

Public 218 fast / 31 rapid    Council 102 fast / 6 rapid



# INFRASTRUCTURE INNOVATION



Solar & Battery Storage



Accessibility



Shared substation – Public & Fleet



Rain Water Harvesting

# LEADERSHIP BUY-IN



Dundee City Council's City Development focuses on transforming the city's economy, built environment, and transportation while promoting sustainability and inclusive growth.



## Strategic Economic and Urban Development

City Development leads major initiatives to reshape Dundee's economy and urban landscape. The council is driving the **£1 billion Dundee Waterfront redevelopment**, which includes projects like James Thomson House and aims to attract investment, create jobs, and enhance the city centre. The **Tay Cities Deal (£700 million)**, hosted by City Development, supports regional economic growth, particularly in culture, tourism, and innovation sectors, building on the success of **V&A Dundee**. Partnerships with local universities and Dundee and Angus College are fostering a **tech-led economy** in areas such as life sciences, digital, games, cyber-security, and fintech. [Dundee City Council](#) +2



# FLEET PROCUREMENT STRATEGY

## DUNDEE CITY COUNCIL

### LIGHT VEHICLE PROCUREMENT PLAN

#### PRE-PROCUREMENT SUPPLIER ENGAGEMENT

##### Narrative

Dundee City Council is proposing to let a contract, through Crown Commercial Services framework RM6244 Purchase of Standard and Specialist Vehicles, to between one and three suppliers for the purchase of categories of vehicles. The contract would last for a period of five years (with potential for extension)

Over the five-year term of the contract the Council would expect to purchase approximately

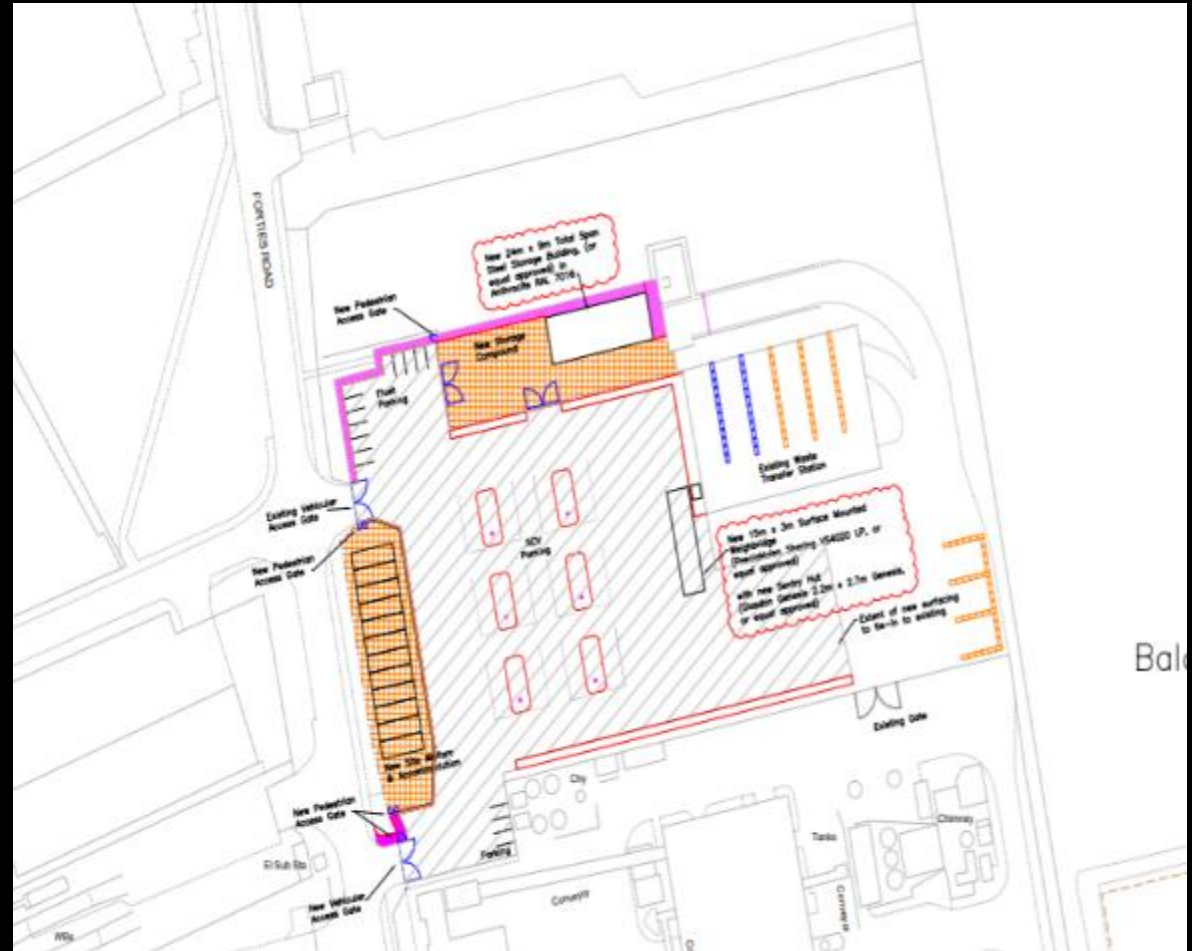
- 82 Cars
- 134 Light Vans
- 237 Medium Vans
- 32 Minibuses

Dundee City Council pre servicing and maintaining the operational fleet within its own workshops, believing this to be the most cost-effective route and also allowing the prioritising key vehicles within the fleet. However, the Council is experiencing on-going issues in recruiting qualified and experienced maintenance staff, and therefore to relieve pressure on other parts of the organisation, is considering including lifetime servicing and maintenance of the vehicles within the purchase contract.

##### Discussion Points for Market

1. Do you believe that this contract package would be attractive
  - a). In terms of being able to offer pricing advantages?
  - b). In terms of being able to offer additional support, in-kind benefits.
2. Can you suggest alternative ways in which this contract could be packaged that would be more attractive to the marketplace?
3. Dundee City Council is considering asking suppliers to include pricing for lifetime service and maintenance for vehicles (based on an eight-year working life). Is this something you think would attract interest in the marketplace?
4. To make the lifetime service and maintenance work for Dundee City Council, this will need to include for the suppliers picking up and returning vehicles to Dundee City Council's Transport Depot. Dundee City Council may be willing to provide workshop space / facilities for suppliers at the depot. Does this sound workable to you?

Vehicles



Depot & Infrastructure Strategy

# DEPOT CHARGING



# DATA DRIVEN FUTURE

**Volteum** Product > Use cases > Blog About Us UK EV Grant Talk to our experts

## Electric fleets made simple

The world's leading electrification and EV fleet software

Talk to our experts

CCS, 50 kW CHARGING SPEED

24 min CHARGING TIME

24% -> 85% BATTERY

Electric car 24% BATTERY

## Expected Benefits to Dundee City Council

	73 vehicles	220+ vehicles
Regained revenue	£3900/month	£11,700/month
Energy optimisation	£690/month	£2,070/month
Total annual savings	£55,080	£165,240
Downtime due to mid-shift charging	22 working days	66 working days

### Potential future features

- Live monitoring of charge levels and range
- Dynamic scheduling of charging sessions
- Enhanced and automated communication with drivers

# OVERNIGHT DEPOT CHARGING

## Charger allocation

Access to public charge points will be restricted.

Each vehicle will be assigned to a specific depot charge point at Clepington .

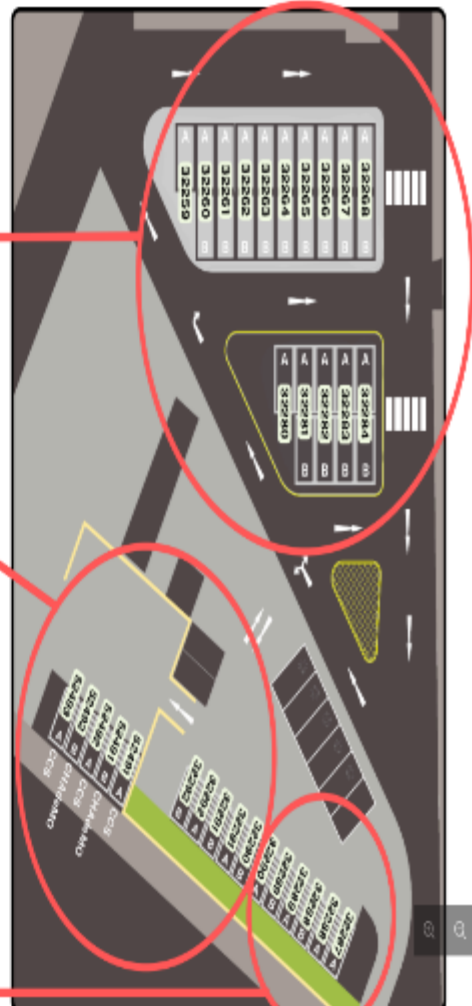
Small groups of vehicles will share chargers on a rotating schedule.

The schedule will remain the same every week.

Construction

Emergency chargers

Tayside Contracts



## Solution 1 - Business as usual Downtime

Registration number	Average session duration	Average number of weekly sessions	Downtime due to charging during the day (between 1 Dec 2025 and 10 Feb 2026)
SA23KUC	1h 4min	3.4	12h 13min
SA23LHH	1h 16min	1.7	6h 19min
SA23JKF	0h 58min	4.9	23h 32min
SA23KTN	1h 0min	5.6	7h 52min
SA23JJK	0h 52min	4.7	12h 20min
<b>All vehicles</b>	<b>1h 2min</b>	<b>4.1</b>	<b>Tota. = 62h 16min</b>
			<b>Avg. 6h 14min per week</b>

-36 working days are lost annually

Label ↑↓	Weekly charging schedule						
SA23KUC	Mon	Tue	Wed	Thu	Fri	Sat	Sun
SA23LHH	Mon	Tue	Wed	Thu	Fri	Sat	Sun
SA23JKF	Mon	Tue	Wed	Thu	Fri	Sat	Sun
SA23KTN	Mon	Tue	Wed	Thu	Fri	Sat	Sun
SA23JJK	Mon	Tue	Wed	Thu	Fri	Sat	Sun

Example of a proposed overnight charging schedule

# THE EV TEAM



# PUBLIC/PRIVATE CHARGING NETWORK

What does it mean to Evolt to win 20-year contract

- Secures Field Engineers Jobs in Scotland.
- Secures Support Centre jobs in Scotland.
- Support local communities.
- Invest in our future.



# PUBLIC/PRIVATE CHARGING NETWORK



Upgraded Charge Point Management System (CPMS)



Multi-brand maintenance capability



Broadened Hardware range



“Support the Dundee EV Team in the next part of their Fleet and Public Charging Infrastructure journey.”



**Dundee City Council**  
**EV Infrastructure Journey**

**Thank You**

**Fraser Crichton**  
**Corporate Fleet Manager**  
**Dundee City Council**