

Developing and Operating an EV Fleet

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Nottingham City Council has a background in creating a cleaner City environment and has been on a journey to reduce emissions across the City since the year 2000. In 2020 the City launched the CN28 Charter - with the ambition to be the first Carbon Neutral City in the UK

Background



What you do want to achieve - Be realistic?

Determine your power supply capacity at preferred parking/charging locations

Plan your charging infrastructure - what do you need ?

Engage with ALL stakeholders and get Buy In

Planning



Start simple and pick easy wins
Liaise with stakeholders - Share the plan!
Carry out research
Market access

Vehicles



Challenges

Stakeholder Buy in! - AGAIN!

Range and Payload anxiety

Charging discipline

Vehicle Technical support



Outcome

Nottingham City Council ULEV Fleet:

211 BEV and 7 PHEV Comprising:

20 x EV Refuse Collection Vehicles

7 x EV Compact Sweepers

117 x Vans

27 x Cage Tippers

42 x Cars

4 x Minibuses

1 x 7.5T Box Lorry

7 x PHEV Cars