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# SUB-GROUP 1 ALTERNATIVE VEHICLE TYPES

BRUCE MOFFAT

SERVICE MANAGER TRANSPORT & WASTE



# Purpose and Priorities of the Sub Group

## *Purpose of this Group*

- ▶ What's out there on the market?
- ▶ What is the availability for what is required in terms of Scottish Public Sector fleet?
- ▶ Infrastructure current availability?

## *Key Priority of this Group*

- ▶ To share learning and experiences across the alternative fuelled vehicles being tried and tested.
- ▶ Identify and take forward the challenges/issues this transition brings to Local Authority Fleet Operators.

# Alternative Fuel Options



# Some Examples of Solutions

- ▶ Aberdeen City Council – Hydrogen vehicles and Infrastructure Development
- ▶ Dundee City Council - EV fleet transition and Infrastructure development
- ▶ Tayside Contracts in working Angus Council – Hydrogen RCV's
- ▶ East Lothian Council - EV commercial vehicle swap battery solution
- ▶ Edinburgh City Council, Dundee City Council and Glasgow City Council– Electric RCV's
- ▶ All Authorities procuring car and light van EV options

# National Objectives

## ***Transport Scotland - Mission Zero for Transport***

By 2030 we will phase out the need to buy new petrol and diesel cars and vans. We will complete this phase out in our public sector fleet by 2025, by developing new financing and delivery models for public charging infrastructure. We continue to engage with industry to identify opportunities to attract private sector investment.

<https://www.transport.gov.scot/our-approach/mission-zero-for-transport/>

# Current Challenges

- ▶ Development of vehicles to meet our operational needs
- ▶ Cost of vehicles, challenges to manufacturers for delivering ZEV's
- ▶ Procurement
- ▶ Changing the way our Services operate to utilise alternative fuel vehicle solutions
- ▶ Infrastructure – cost, supply and demand, site/location Restrictions

# ZEV Mandate – Source - Fleet News

26/04/2023

Concerns have been raised that the Government's zero emission vehicle (ZEV) mandate could further squeeze the supply of new diesel vans coming to the UK.

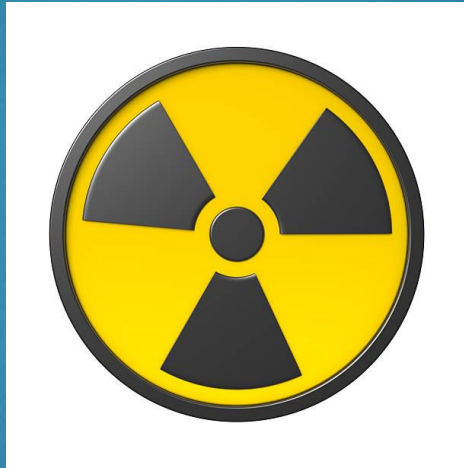
Ministers published proposals in March, which would force manufacturers to sell a certain proportion of electric vehicles (EVs) in the lead up to 2030.

In 2024, the target would be 22% for cars and 10% for vans, with the proportion of zero emission vehicles increasing year-on-year before reaching 80% and 70%, respectively, by 2030 and 100% by 2035.

Discussing the Government's plans on Fleet News at 10, Duncan Webb, fleet director at the AA, was fearful that as manufacturers try to hit the zero-emission targets it could "distort" market behaviour in the short term, especially where vans are concerned.



# Future Options?



# What Do We Need

## *Input and support*

- ▶ Utilise our network of APSE members to bring together the experiences, best practises, challenges and solutions across Local Authorities

## *Our collective next steps*

- ▶ Gather information from each Local Authority
- ▶ Meet and discuss our shared challenges, experiences and solutions
- ▶ Identify the key challenges and bring these forward as collective issues to the relevant governing bodies

# Questions

- ▶ What's your biggest challenge – financial ?, Infrastructure?, Manufacturer options?, Service Change?
- ▶ What financial support does your authority have planned?
- ▶ Does your current structure allow for the development of EV infrastructure?
- ▶ What do you need to progress towards the current targets?



# Key Contacts

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