



# ELECTRIC FLEET FIRST

## Try before you buy

Coventry City Council

08/12/2020

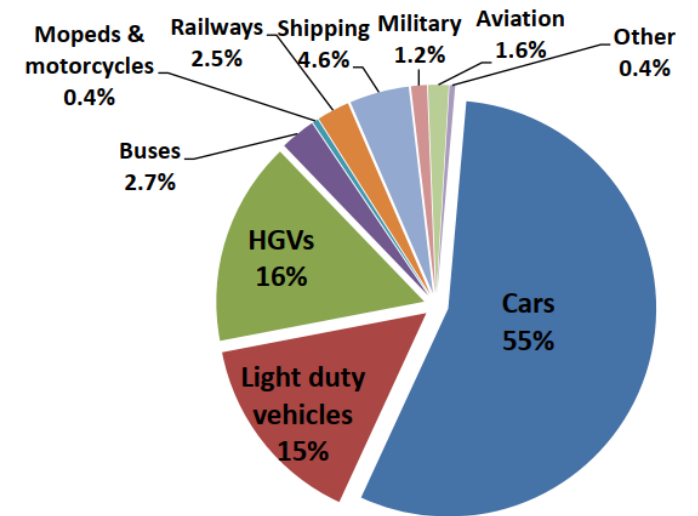
# What is the project?

- Thanks to funding from Highways England, Coventry Council have partnered with them to tackle the current levels of nitrogen dioxide (NO<sub>2</sub>) on the strategic road network (SRN) into Coventry via the M6 and also other areas of the city.
- The most effective way of lowering emissions is looking at Electric Vehicles
- Try before you buy scheme to provide a realistic insight into how electric can benefit you, your business and your city.
- Help businesses make permanent switches from petrol/Diesel to Electric

## Greenhouse gas emissions from transport

28% of greenhouse gas emissions were from transport in 2018

Transport was the largest emitting sector of UK greenhouse gas emissions in 2018



Source: BEIS 2020

Electric fleet of up to 70 vehicles:

- 60% electric vans
- 30% electric cars
- 10% electric taxis

# Why the interest in vans?

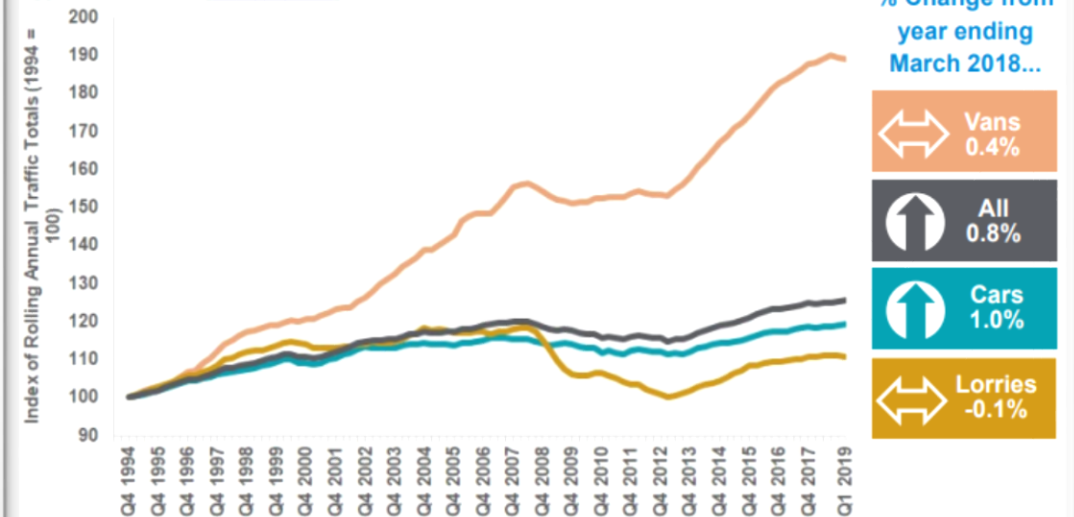
- Van use has increased more than any other vehicle class over the long term
- Vast majority are diesel-fuelled, contributing to NO<sub>2</sub> pollution
- Vans are disproportionately polluting
  - 33% of NO<sub>x</sub> emissions (98,000 tonnes in 2016) from vans from only 16% of road traffic
- Zero emission alternatives available and viable for many

## Long term trends

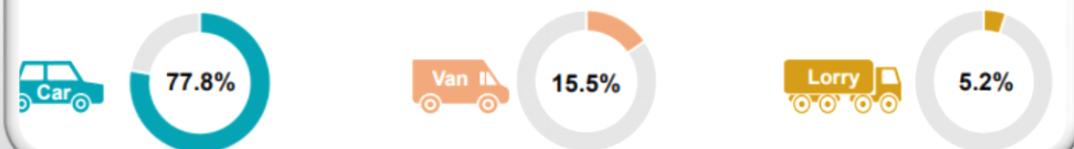
Over the last 20 years, traffic has changed at varying rates across vehicle types:



Chart 2: Rolling annual index of road traffic in Great Britain, by vehicle type from 1994 [TRA2501b]



Share of traffic by vehicle type, in the year ending March 2019



## Van Definition



Light Commercial Vehicle (LCV; a.k.a. van) Goods vehicles not exceeding 3.5 tonnes gross vehicle weight

Department for Transport road traffic estimates: Great Britain, provisional 2019  
[Click on image to view statistics](#)

# Try before you buy scheme

- 2 month trial
- Only cost being insurance cover and battery recharge costs during the trial.
- Telematics data will provide a free report at the end of the trial to show you the benefits
- Support throughout the trial will be on offer, with guidance to funding, grants and wider companies who can help you make the permanent switch.

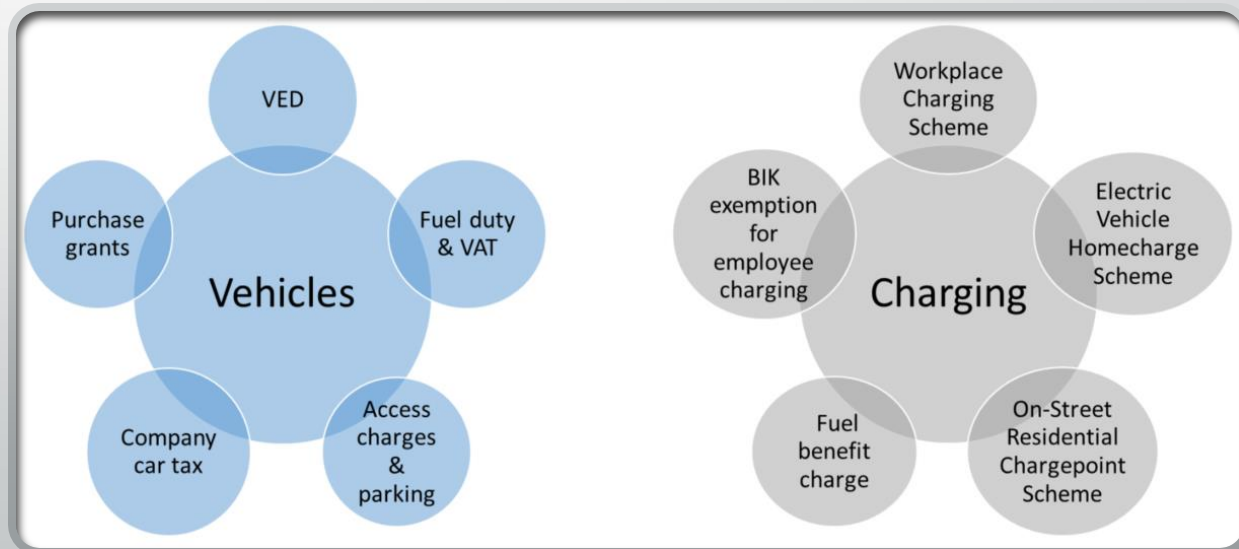


# Why now, and why take part?

- More realistic experience of driving electric than opposed to a test drive experience
  - The trial will allow you to explore how your business can be improved from using electric and give you confidence on making the change
  - Save money on fuel expenses
  - Quieter and smoother drive
  - Zero tailpipe emissions
  - Coventry in top 20% in UK for charge points
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- Zero road tax
  - Increasing choice of models and battery ranges
  - Government support in place to make the switch
  - Funding

The Green Revolution and the 10 point plan:

- Extending on plug in grant until 2022/23
- Consultation in 2021 for phasing out all new HGV diesels
- £1.3 billion on improving charging infrastructure



# Here to support you

- Charge Points
- Information welcome pack
- Usage report at the end of the trial
- Vehicle demo upon collection
- Continued support before, during and after your trial
- Guidance to seeking further support on available funding and grants
- **Register your interest here:**  
**[www.coventry.gov.uk/electricfleettrial](http://www.coventry.gov.uk/electricfleettrial)**



**[Amy.Shakespeare@Coventry.gov.uk](mailto:Amy.Shakespeare@Coventry.gov.uk)**

## Case Studies

[www.oxfordofficefurniture.co.uk](http://www.oxfordofficefurniture.co.uk)

[www.crossriverpartnership.org/projects](http://www.crossriverpartnership.org/projects)

[www.gallifordtry.co.uk](http://www.gallifordtry.co.uk)