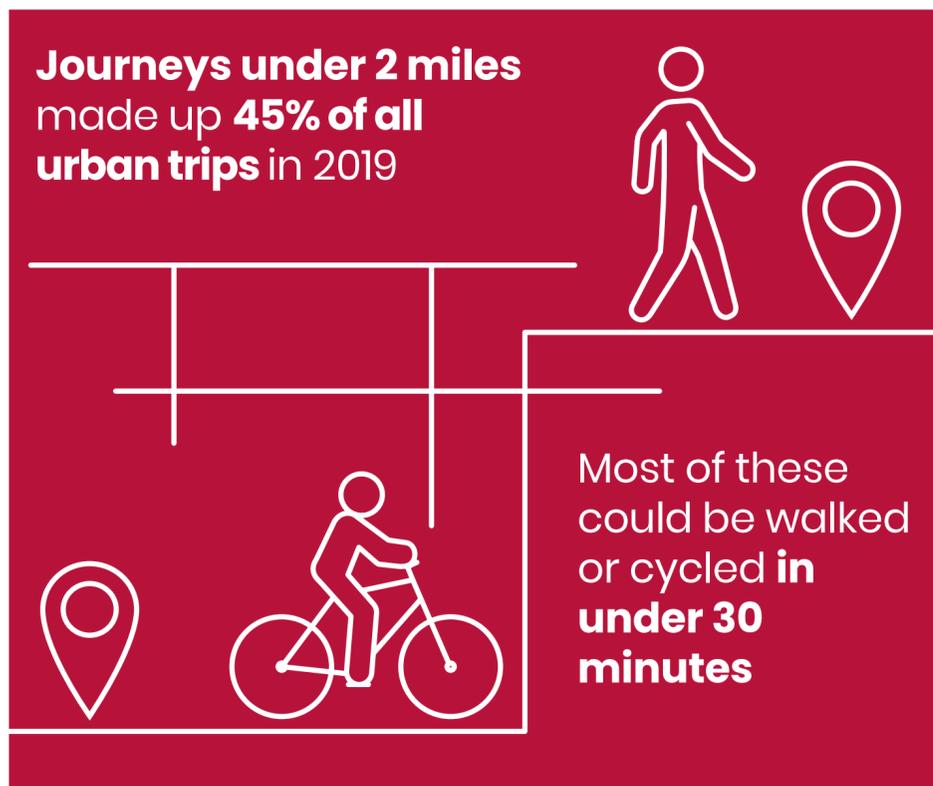


Local Authority Transport Decarbonisation Toolkit: **Active travel**

Encourage people to leave the car at home! Walk, wheel and cycle instead



An increase in active travel could **save up to 8.5 million car miles** and deliver between **1 and 6 MtCO₂e savings nationally** from 2020 to 2050



Active travel benefits

Free or low cost 	Healthier people
Happier people 	Cleaner air
Get there sooner 	Quieter streets

Places designed for people

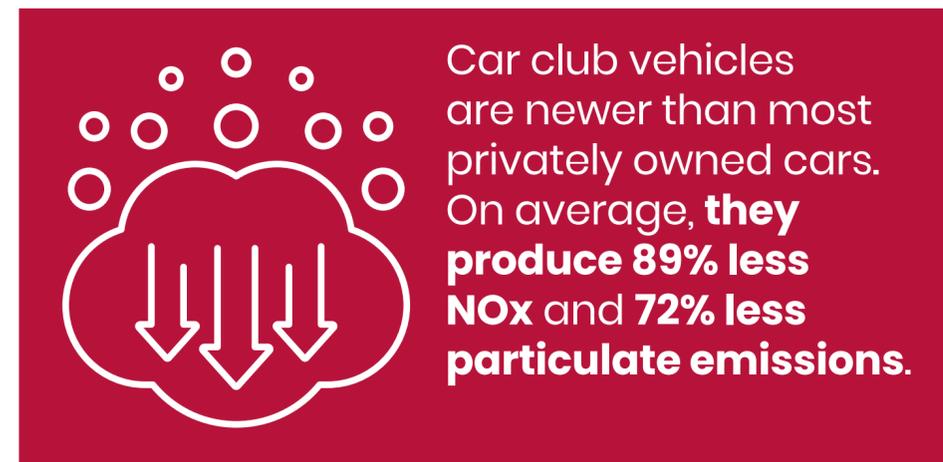
What can local authorities do to encourage active travel?

- develop and implement local cycling and walking infrastructure plans
- develop and manage demand at peak travel times
- plan for and improve active travel infrastructure
- encourage people to make greener travel choices



Local Authority Transport Decarbonisation Toolkit: **Car clubs**

Integrate car clubs into local transport infrastructure to encourage people to use newer and less polluting vehicles



Car club benefits

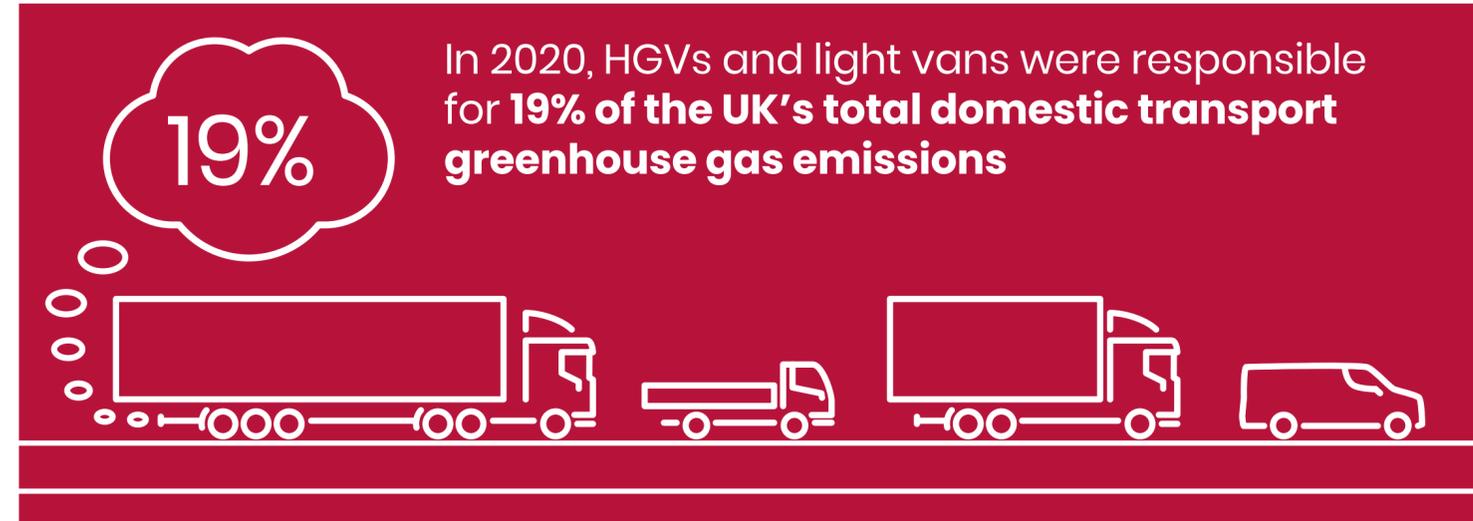
<p>Fewer emissions, cleaner air</p> 	<p>Data creation for transport planning</p> 
<p>Access to newer, more environmentally friendly vehicles</p> 	<p>Avoid costs associated with vehicle ownership</p> 
<p>Provide residents, visitors or businesses with access to a vehicle on a short-term rental basis</p> 	

What can local authorities do to enable car clubs?

- procure a car club operator that is committed to an EV or low emissions fleet
- use car club data to aid transport planning and provision
- provide parking bays and EV chargepoint infrastructure for car club vehicles
- engage with council teams, communities and businesses to raise awareness and demand
- introduce car clubs at new developments and for council staff travel

Local Authority Transport Decarbonisation Toolkit: **Decarbonising road freight, servicing and deliveries**

Support freight decarbonisation through targeted interventions and strategic changes to local planning



Decarbonising road freight benefits

Achieve net zero targets



Cleaner air



Quieter, less congested streets



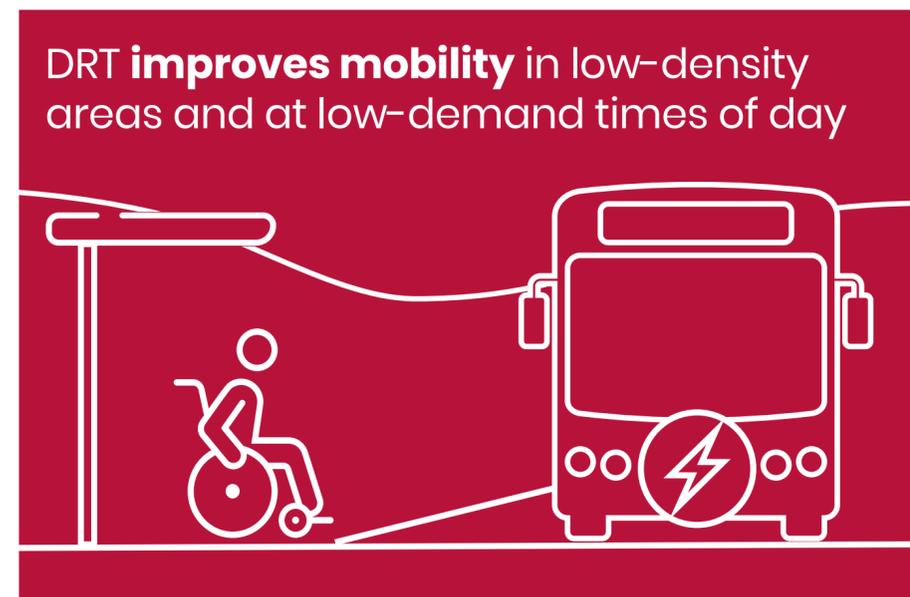
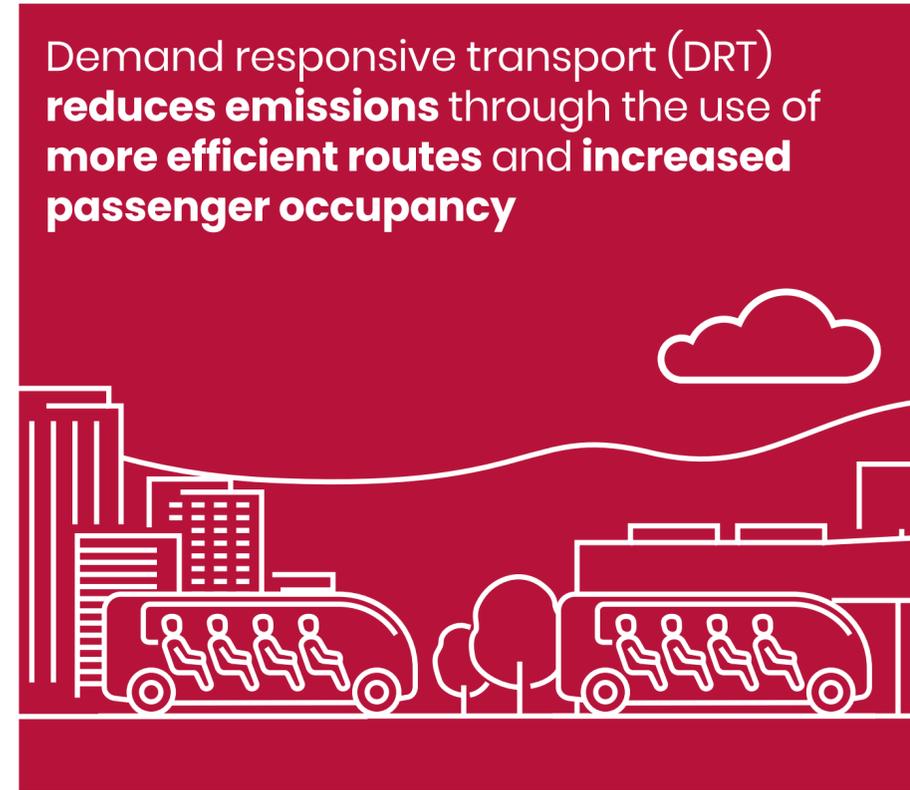
What can local authorities do to enable road freight decarbonisation?

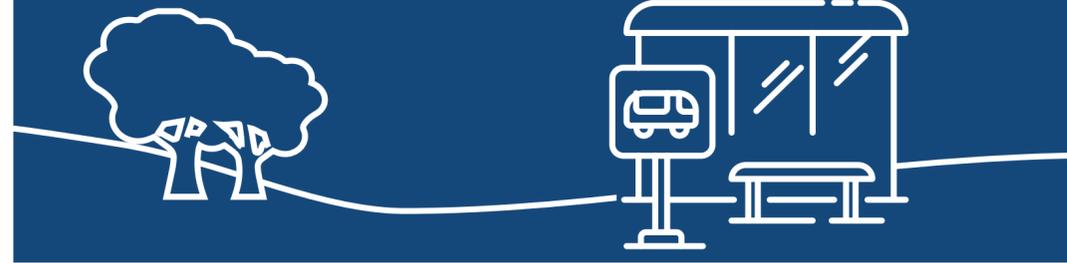
- decarbonise the council fleet by switching to Zero Emission Vehicles (ZEVs)
- enable private fleets to use ZEVs and low carbon fuels
- support charging and refuelling infrastructure provision
- create policies to support an efficient freight supply chain
- implement delivery hubs to consolidate last-mile journeys
- implement measures to increase the efficiency of deliveries and collections
- enable integration with other transport modes

Find out more: gov.uk/government/publications/decarbonising-road-freight-servicing-and-deliveries-local-authority-toolkit/

Local Authority Transport Decarbonisation Toolkit: **Demand responsive transport**

Reduce private car use and improve mobility with flexible, demand led transport options



Demand responsive transport benefits	
Improved access to public transport in rural areas	
Better access to education, employment and services	
Cleaner air	
Better, more flexible connectivity	
Quieter streets	
Happier and healthier communities	
Achieve net zero targets	

What can local authorities do to enable demand responsive transport?

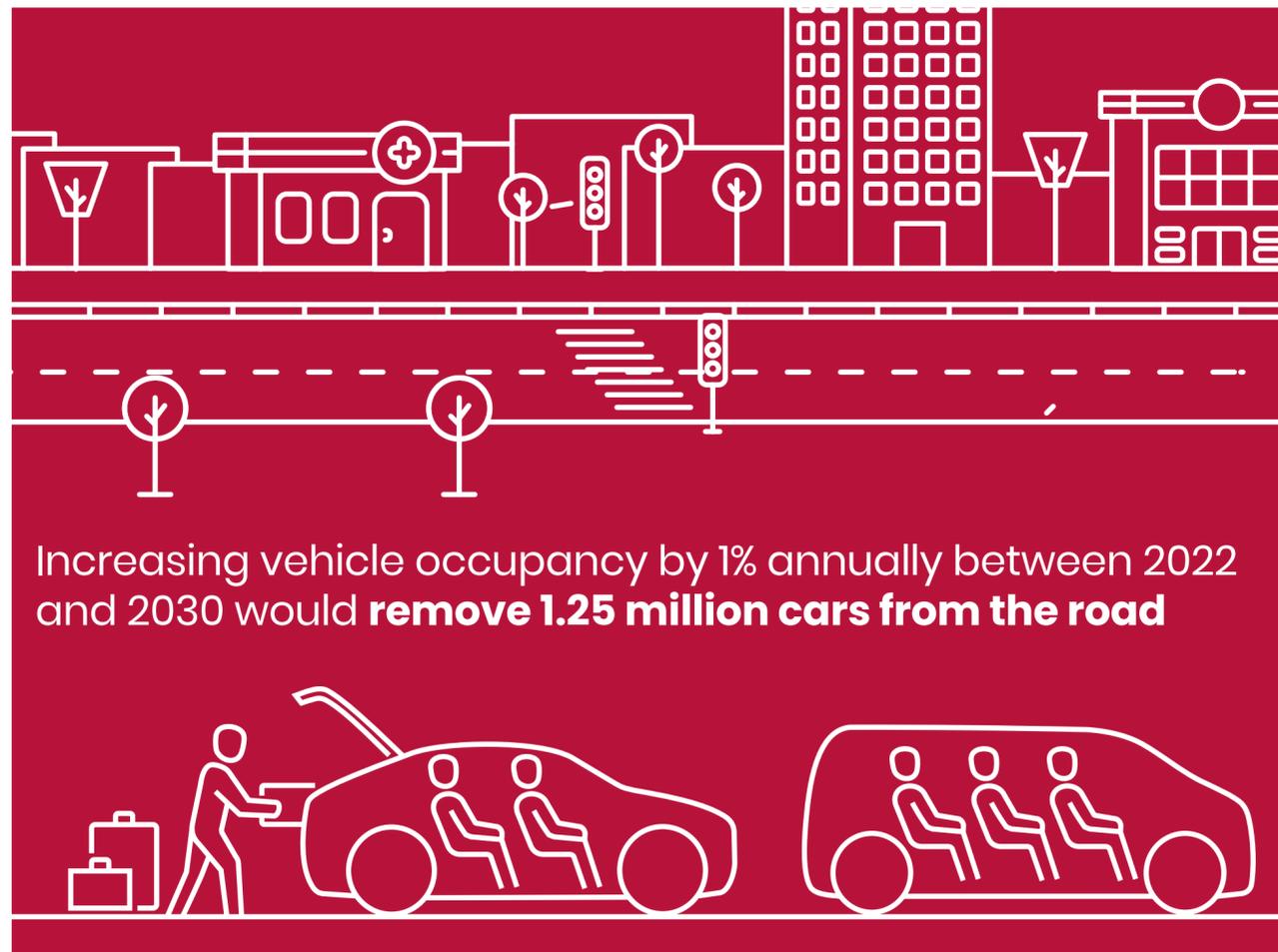
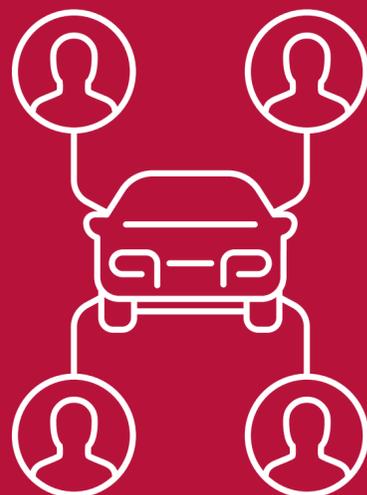
- devise a DRT scheme to increase mobility and reduce emissions
- procure an appropriate DRT service
- use technology to support the DRT service
- implement a communications strategy to engage with customers



Local Authority Transport Decarbonisation Toolkit: **Lift sharing**

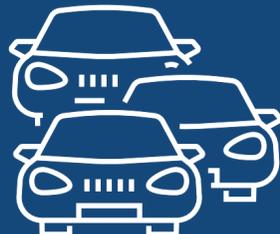
Encourage lift sharing to increase vehicle occupancy and decrease emissions

Increasing average car occupancy from 1.55 people per car to just 1.7 could **save nearly 3 million tonnes of CO₂ emissions per year** by 2030



What can local authorities do to encourage lift sharing?

- set up or procure a liftsharing scheme
- communicate, engage and promote
- monitor, report and gather data on the scheme
- include liftsharing in new developments

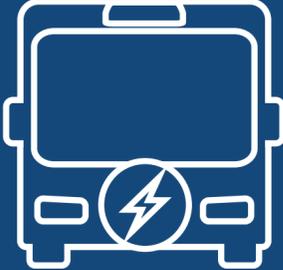
Lift sharing benefits	Cleaner air and fewer emissions	Increase door to door connectivity	Improve access to education, employment and services
Less congestion 			

Find out more: gov.uk/government/publications/lift-sharing-local-authority-toolkit/



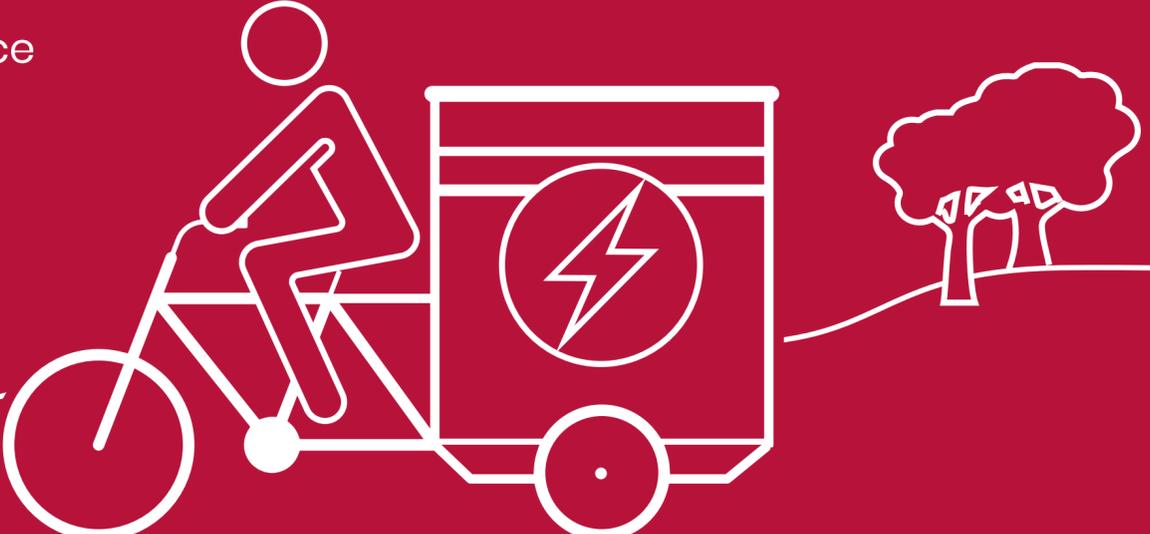
Local Authority Transport Decarbonisation Toolkit: **Transport in rural areas**

Reduce emissions and improve connectivity in rural areas

Rural areas face distinct challenges when decarbonising transport. However, there are many opportunities to decarbonise rural transport services	e-bikes 	Cargo bikes 	Greener travel choices' 
Mobility hubs 	Electric vehicles 	Co-working spaces 	Sustainable tourism initiatives 

Case study: Cargodale in Calderdale
An e-cargo bike shopping delivery service in Hebden Bridge and Todmorden

In its first 6 months, the bikes covered 1800 miles and prevented 500kg of CO₂ emissions being produced



What can local authorities do to decarbonise transport in rural areas?

- enable active travel through new initiatives
- improve public EV charging infrastructure to encourage EV uptake in rural communities
- implement initiatives to enable the decarbonisation of rural commuting
- implement initiatives to reduce emissions associated with rural tourism



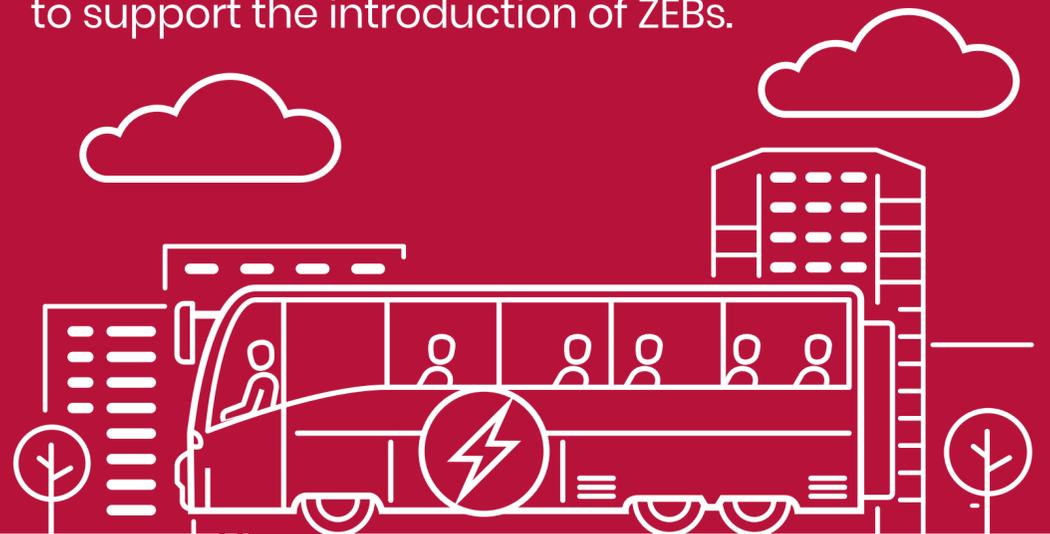
Local Authority Transport Decarbonisation Toolkit: **Zero emission buses**

Increase mobility and reduce emissions by investing in electric buses

Buses are the most popular form of public transport, accounting for around **50% of all UK public transport journeys**



Zero emission buses (ZEBs) create around **70% less carbon emissions than diesel buses**. The government has provided over £525 million to support the introduction of ZEBs.

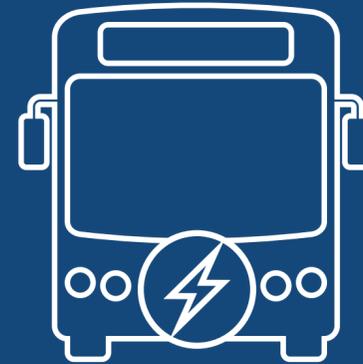


Zero emission bus benefits

Improved passenger experience (less noise and vibrations)



Lower operating costs compared to diesel buses



Green growth and green job creation



Encourage bus usage by offering a cleaner travel option



What can local authorities do to encourage the transition to zero emission buses?

- explore potential funding opportunities for ZEBs
- work with bus operators and use Bus Service Improvement Plans to decarbonise bus fleets
- invest in ZEB infrastructure including EV charge points

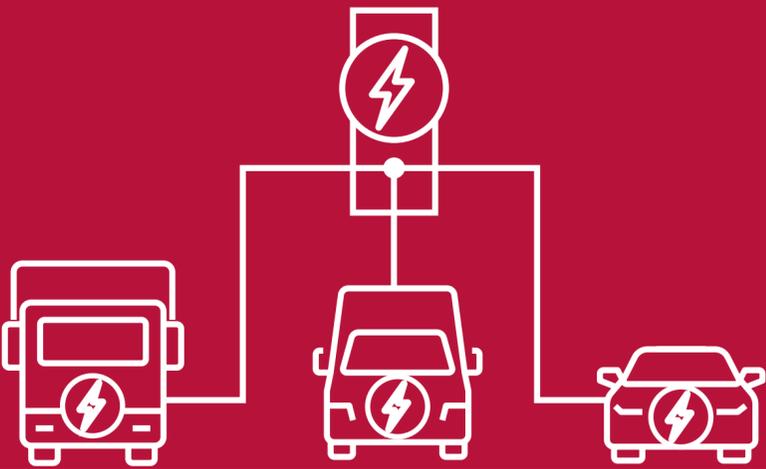


Local Authority Transport Decarbonisation Toolkit: **Zero emission fleets**

Lead by example; decarbonise local authority fleets to reduce emissions



Battery electric cars emit around **3 times less CO₂** than an equivalent petrol or diesel car, including production



If all councils in the UK replaced their Refuse Collection Vehicles (RCVs) with electric models, CO₂e emissions per year would **decrease by 290 kilotonnes**



Zero emission fleets benefits	
Lower whole life costs 	Cleaner air 
Quieter streets 	Better driving experience 
Demonstrate leadership and encourage zero emission vehicle (ZEV) switch 	

What can local authorities do to enable the transition to zero emission fleets?

- identify which vehicles are suitable for replacement with electric vehicles
- procure vehicles based on whole life costs
- install chargepoints at council depots and review the options for charging
- implement supporting measures, such as driver and mechanic training
- encourage local businesses to switch to ZEVs

