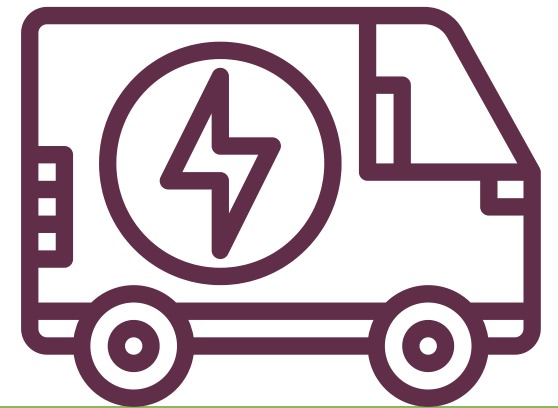
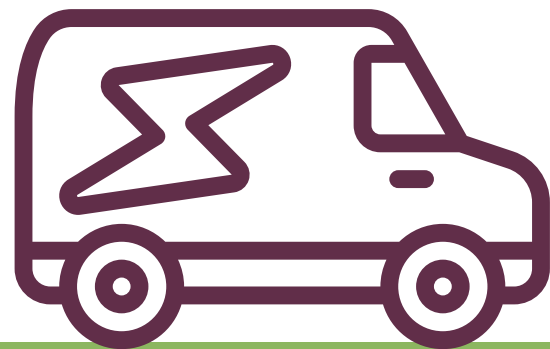


Fleet decarbonisation tips



With Bristol's ambitious net zero 2030 target, as well as the Clean Air Zone coming into force in 2022, organisations are even more motivated to decarbonise their fleets.

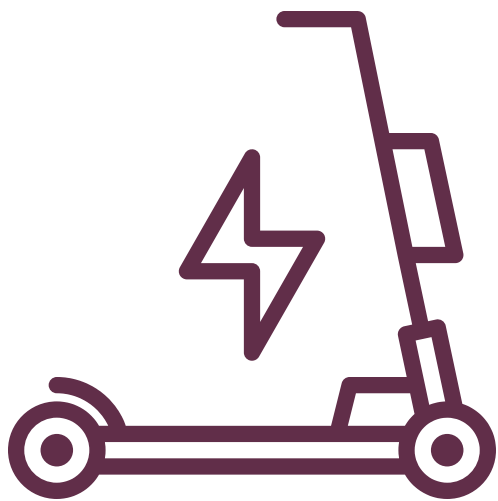
There are some challenges outside an organisation's control, such as national electric vehicle (EV) infrastructure and global supply chain issues. However, there is a lot that organisations can do to move towards a lower emissions transport network.

This resource was created using the tips and ideas shared at a
One City fleet decarbonisation workshop in June 2022

Reduce mileage and switch to greener options

To reach our city's 2030 targets vehicle use will need to be reduced by 39% and become entirely electric, with active travel and public transport use increasing. (Source: [University of Bristol](#)) So fleet decarbonisation must be used as an opportunity to reduce mileage, including grey fleet (personal vehicles for business purposes). Here are some things organisations can try:

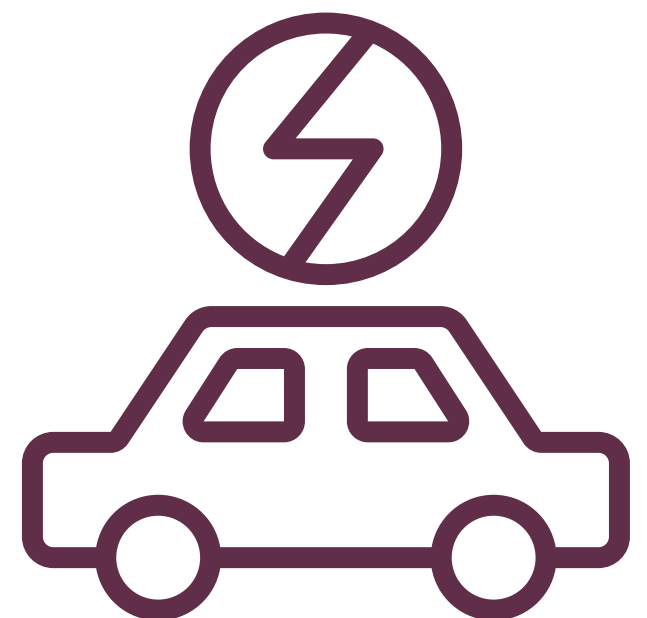
Review vehicle use – is there opportunity to review overall use/number of vehicles? (see data section)



Reduce the need to travel to work, including through offering flexibility around working from home and recruiting those who live in the local area where appropriate.

Offer scooter or ebike credit, or provide ebikes for departments.

Work collectively with other organisations to offer a shared dynamic car club so vehicles could be dropped off in different places, rather than a 'back to base' model.



Show leadership for culture change e.g. CEOs arriving to work in EV or on bike, and challenging the leadership model of needing to be seen to 'put the miles in'.

Incentivise staff with free/fairly priced charging at work if they switch to EV.

There is support available:

- Energy Saving Trust offer a free 'go electric' online session with basic information on EVs for employees. Contact Richard for more details.
- Travelwest offer advice and support to businesses to encourage more people to walk, cycle, use public transport and car share.



Campaign to improve local cycling infrastructure and remove barriers to people cycling.

University of Bristol are deploying a fleet of cargo bikes to support campus operations

Use cycling courier services such as Zedify who offer a fast and ultra-low emission service to deliver your goods throughout the city centre. ECargo bikes can carry a lot and have a range of up to 30 miles! They can also save 203g CO₂e per kilometre compared to diesel van and 58g CO₂e compared to EV.



Bristol City Council are creating a workplace car club where staff have access to 80+ vehicles that they can book for up to 6 hours, rather than having dedicated fleet vehicles for each department

Offer a salary sacrifice scheme for staff to purchase EVs or bikes.

We all have a role to play in reducing transport emissions as consumers, do we need to make that purchase and if we do, do we need next day delivery?

It's down to us to change our behaviour as well as retailers offering greener delivery options

Even with significant mileage reduction, there will still need to be some vehicles on the road in 2030 and those will need to be electric, so here are some considerations...

Data is a driver

Gathering useable fleet data will help you understand efficiency and energy consumption of vehicles. It will also help you plan how routes can be optimised, leading to fewer miles in the long term, as well as provide insight into your needs when looking to purchase EVs.

- 1 Add telematics to all vehicles so you understand usage i.e. how far is each vehicle travelling each day?
- 2 Analyse the data. Where can you consolidate routes?
- 3 Educate your drivers.
- 4 Share this data with your peers to help build up collective arguments to bust myths.
- 5 As you switch to EVs, continue to gather and use data for route optimisation and vehicle utilisation.

The Energy Saving Trust can support gathering and understanding your data, including fleet and freight decarbonisation reports and site energy analysis.

What will the Clean Air Zone mean for me?

Over 71% of vehicles travelling into Bristol already meet the zone's emission standards. Only older and more polluting vehicles will be charged. [Find out if your vehicle is compliant and what the charges will be.](#)

[View the map](#) of Bristol's planned Clean Air Zone.

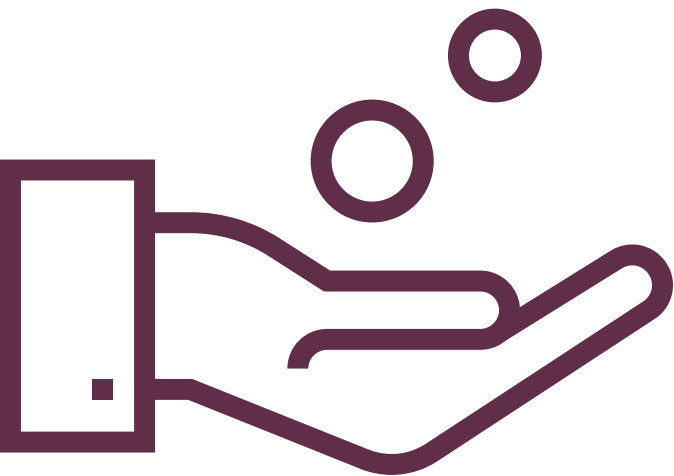


The Clean Air Zone is an opportunity for organisations to push for decarbonisation. See more about funding available below.

Managing costs

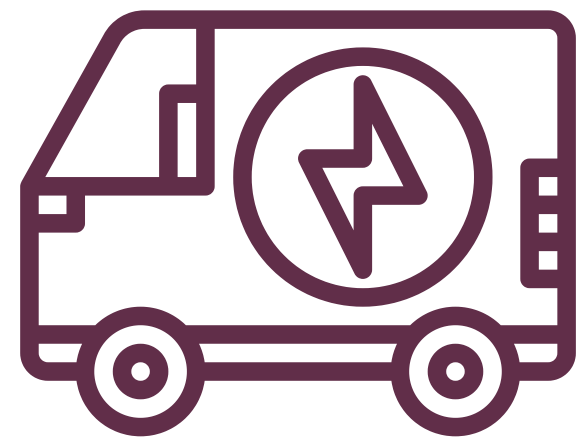
Switching to EVs can be costly, especially for organisations with a lot of specialist vehicles such as recycling trucks, fire trucks and combine harvesters. However, support is available:

Businesses can apply for a Clean Air Zone grant with Bristol City Council to support upgrading to a vehicle that meets the zone's emission standards.



There are also some match funded business grants available for sustainable transport infrastructure such as bike storage and EV charging points.

Local businesses can try an electric vehicle for a month through Bristol City Council.



Organisations could also work together on a cross city procurement strategy to bring costs down.

Reimbursing staff charging company cars at home can be complicated. However:



There are benefit-in-kind and Class 1a National Insurance savings available for company cars.



Mina aims to simplify charging payments including paying direct to your employees' energy suppliers for home charging.

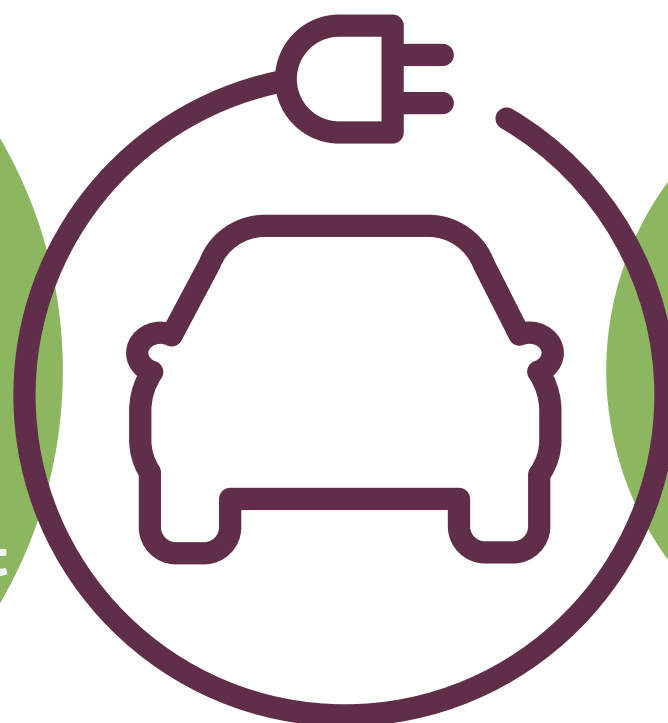


allstar provide an EV charging card for drivers to use across the charging network as well as for charging at home for work purposes.



Fair Charge are campaigning against higher VAT charges for public charging networks.

Front line neighbourhood officers working for Avon and Somerset Police get a lot of interest from members of the public about their EVs and are able to use it as an engagement opportunity



Avon Fire and Rescue Service have 9 blue light response vehicles that are full EV

Infrastructure

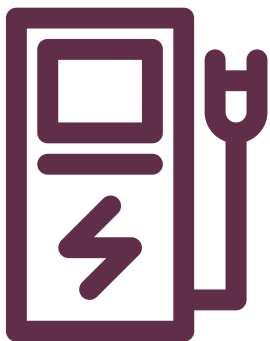
EV drivers can be concerned about where, when and whether they'll be able to charge. Reliable and stress-free infrastructure in the right place is important for drivers needing to take their breaks whilst their vehicle is charging.

Here are some steps organisations can take:

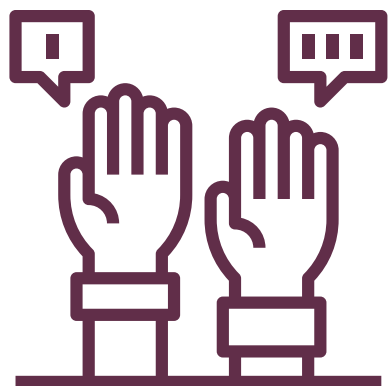


Provide home charging. There are lots of schemes set up to support people with installing or finding home chargers. For example Just Park who can also match up fleet drivers with those who have a charger on their driveway, plus YourParkingSpace, Bookmycharge and Co Charger.

Offer training/advice on how to locate and access public charging infrastructure.



Share infrastructure with other organisations e.g. on site charging hubs across the region that could be shared with peers and neighbours. Monta offers businesses control over who has access to your charge points, when and at what cost.



Organisations also have a role to play in working with and lobbying local and national legislators to provide more infrastructure, including mobility hubs where people can easily change modes of transport.

Seek private investment for infrastructure solutions.



Bristol City Council are increasing the number of EV charge points and have plans to install ultra-rapid charging designed for commercial vehicles

Further reading

- [Energy Saving Trust](#) offer advice to help businesses reduce emissions from transport including a [fleet management toolkit](#), [EV advice for SMEs](#), [grants and loans](#), a ['go electric' online session](#) and [case studies](#)
- [Love My EV](#): advice and tools for switching and running an EV
- The Energy Saving Trust's [Local Incentive Tool](#) provides information on schemes and incentives offered by local authorities
- Climate Action Programme resource on [transforming travel at your organisation](#)
- [Business toolkit for Bristol's Clean Air Zone](#)

The tips, examples and resources came from a One City fleet decarbonisation workshop we held in June 2022 With thanks to:

- [Energy Saving Trust](#)
- [Bristol City Council](#)
- [Zedify](#)
- [One City office](#)
- Sara Sloman, Director of Future Fleet at Paythru
- Attendees of the fleet decarbonisation workshop

Don't forget to share your successes and learnings with your peers and networks like **Bristol Green Capital Partnership** to help every organisation make the transition to ultra-low emissions transport