

Switch on to the GM Electric Vehicle scheme and cut your running costs, maintenance and carbon emissions. **It's that simple.**



- 01 Keeping it simple
 - 02 Go Electric
 - 03 Charging bays
 - 04 How far can you go?
 - 05 We're here to help
-

Greater Manchester
plans to be at the forefront of the
electric vehicle (EV) revolution.
Our scheme will cover:

Bolton
Bury
City of Manchester
Oldham
Rochdale
City of Salford
Stockport
Tameside
Trafford
Wigan

Keeping it simple

Today is the day for you to consider a no-hassle, cost-saving switch to electric. You can cut your running costs, maintenance and your carbon emissions.

Cleaner and greener

Whether it's cars, vans or scooters, we're planning to make sure that Greater Manchester keeps on moving, through a new EV scheme, access to support and advice, and a new partnership dedicated to making change happen.

Through the Greater Manchester Electric Vehicles (GMEV) scheme, led by Transport for Greater Manchester (TfGM) and with support from government and a host of public and private sector partners, Greater Manchester is switching on to a future that is cleaner and greener.

The future, it's here

Electric vehicles have arrived and are set to become a major feature on our roads, with 1.7 million forecast by 2020.

They don't need a warm up period. They need less servicing and maintenance. They're fast, and have a range that comfortably accommodates the needs of most commercial fleets and commuters.

All the major manufacturers are investing heavily in the design, development and production of EVs – from Volvo, Nissan, Renault and Fiat to BMW, Volkswagen, Ford and Mercedes Benz.

For commercial vehicles and light vans, companies like Smith, Allied, Renault and Modec are already supplying a wide range of vans and trucks to household names like Tesco and Sainsbury's.

01

simplicity

Go Electric

There is a strong economic argument for creating this infrastructure for electric vehicles. Electric vehicles will improve air quality and reduce noise, creating a better environment for residents and visitors to the region.

02

Make real savings

Powering an electric vehicle is significantly cheaper than filling a conventional vehicle with fuel. The running costs are so dramatically reduced that an EV makes sense for anyone who needs to keep running costs down.

No surprise then that household names like TNT Express, Fedex, UPS, CEVA Logistics, Sainsbury's Online, Marks & Spencer, Tesco, DHL, Royal Mail, the Co-operative Group and Speedy Plant Hire have already started to make the switch.

Fuel costs are rising

According to the International Energy Agency, conventional crude oil production plateaued in 2008 and what's been called 'Peak Oil' may, in fact, already have come and gone.

The cost of oil is going in one direction and that's up. Making the switch to an electric vehicle will make you less vulnerable to price rises and will reduce your running costs, immediately. On average, fuelling a conventional petrol vehicle can cost £1.47 per litre. The electricity costs for an electric vehicle could be as low as 4p per kWh.

The popular choice

The Greater Manchester Low Carbon Hub, local authorities and private sector partners working on the scheme in Greater Manchester also believe that electric vehicles will increasingly become the popular choice of the future and that a growth in greener transport and carbon reduction is necessary.

We need to radically reduce our carbon emissions

The Climate Change Act 2008 establishes a long-term framework to tackle climate change. There are legally binding emissions reduction targets in place to reduce carbon emissions by 34 per cent by 2020 and at least 80 per cent by 2050. Greater Manchester is planning to radically slash its carbon emissions by around one million tonnes every year. Introducing robust and widespread infrastructure for electric vehicles will help us to meet those targets.

It's simple, it's electric

So what's it like to own an electric vehicle? It's simpler, for starters. Electric vehicles have a low lifetime running cost, both through 'fuel' and through reduced maintenance. Think about it; there are only a handful of key moving parts compared to a typical petrol or diesel vehicle.

Whichever way
works best for you
– it's easy.

Charge points

Manchester, Bolton, Bury, Oldham, Rochdale, Salford, Stockport, Tameside, Trafford and Wigan will have electric vehicle charging points as the infrastructure is rolled out.

03



Finding a charge point

GMEV charge points will be located right across Greater Manchester – we want to make sure that there's enough public charging infrastructure to support a significant uptake of electric vehicles now and in the future.

There will be more than 200 fast charging bays that can charge a typical EV (with a 32 amp capability) in approximately three to four hours. About one quarter of these will be in fleet depots and private car parks with the remainder in public car parks and on-street parking bays. There will also be a number of rapid chargers that can do it in around 20 minutes depending on the type of EV you choose.

For an up to date charging bay map visit: www.ev.tfgm.com.

Charging your vehicle

There are two easy ways to use a charging bay:

▣ The GMEV access card

If you register for a GMEV access card you will get a number of benefits including use of the Charge Your Car smartphone app to help you manage your account and access energy tracking and usage information.

▣ Pay by phone

If you don't have a GMEV access card, you can simply pay by phone when you arrive at a charging bay.

Whichever way works best for you – it's easy.

The GMEV scheme is operated by Charge Your Car, a leader in electric vehicle charging networks. It manages the payments and registration to the GMEV scheme on behalf of TfGM.

200
charging
bays

How far can you go?

There are many different vehicles on the market. Depending on the one you choose, you could get over 100 miles out of a single charge. And with the average daily journey being only seven miles, up to around 22 miles in total every day, this means that for most drivers an electric vehicle is a practical and sensible choice.

04

Boost your reputation

For businesses, switching your fleet or company pool car to electric will have great benefits for your reputation. Becoming an early adopter shows your commitment to reducing carbon emissions. It will have a positive impact on your green credentials and the perception of your business from the general public.

And if you're cleaner and quieter, you'll be a more responsible neighbour for the businesses and communities around you.

Beyond expectations

Fleet managers and drivers who have already made the switch have great things to say about how it feels to drive an electric vehicle. They offer a more relaxed driving experience. They are light to handle, quieter to drive and there's no need to change gear – perfect for stop-start journeys and useful in heavy traffic.

Speeds are comparable to, if not better than, diesel and with electric you get faster acceleration, even at maximum weight.

And, of course, they emit very little noise – a major benefit to fleet managers if they operate a depot in a noise-restricted area.



We're here to help

We want to make switching to electric as simple as possible. If there's anything else you'd like to know, feel free to get in touch:

05

Website

Including an up to date charging bay map

www.ev.tfgm.com

Postal address

**GMEV
TfGM
2 Piccadilly Place
Manchester
M1 3BG**

Telephone

0161 244 1000

Email

pluggedin@tfgm.com



www.ev.tfgm.com