

# EV myths busted



Electric vehicles (EVs) will become common place in the not-too-distant future, as the government has set out a plan to phase out cars with the common internal combustion engine that run on petrol or diesel. If you're thinking of buying a new car, why not look at electric options?

**Here are some of the most common myths debunked:**



## EVs have good range

65% of journeys in Scotland are less than 3.1 miles, this is well within the 125 – 270 mile range of the latest 100% electric cars (that would take you from Edinburgh to Aberdeen and back again!).

Additionally the average distance from any given location to the nearest charging point is only 2.78 miles.



Still nervous about range? Find out how far you can drive at [netzeronation.scot/take-action/electric-vehicles/benefits-electric-vehicles](https://netzeronation.scot/take-action/electric-vehicles/benefits-electric-vehicles)

## Electric cars are fast

EVs have faster acceleration than an equivalent petrol or diesel - this is a result of instant torque. There are electric cars on the market that can accelerate from 0-60 miles per hour in under 8 seconds.





## EVs are affordable to buy

Electric cars, like petrol or diesel, are available at a range of price points, starting from £18,000.

And unlike their polluting counterparts, electric cars are currently completely exempt from car tax– as they have zero emissions.

## EVs are affordable to run

Electricity is cheaper than petrol or diesel, and EV maintenance costs are less as the engines are simpler. As a result, your annual cost for running a pure electric car is about 10% lower than for petrol or diesel cars.



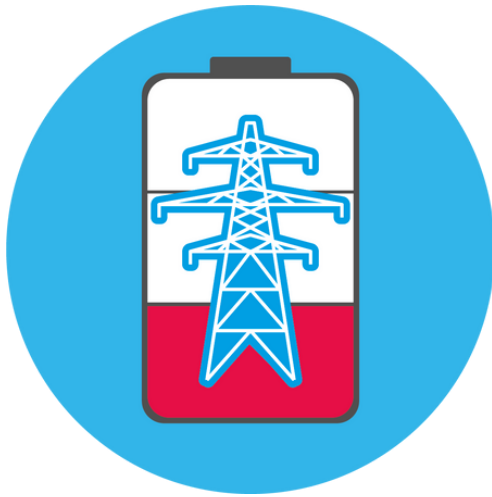
## There are lots of public charging points

The UK currently has over 42,000 charging points. Plus, construction of charging infrastructure is on the increase.

Plus the Scottish Government plans to run Scotland's longest road into the 'Electric A9' with most of the 273 miles covered by plug-in charging points.

Find out where your local charge points are, or plan a route: [www.chargeplacescotland.org](http://www.chargeplacescotland.org)



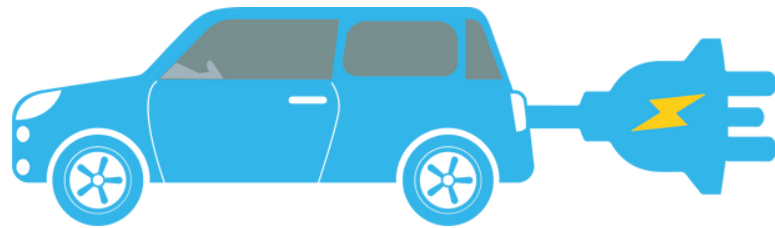


## The National Grid can cope

Even if all 30 million of Britain's cars were electric, we would need an increase in Grid-delivered power of just 12%. And, because most of the charging will come at off-peak times, it won't require new Grid infrastructure, wires or power stations.

## EVs are safe

EVs have to undergo the same rigorous testing as any other motor vehicle, meaning they are just as safe. Plus EVs don't have any flammable fuel, and their centre of gravity is often lower meaning they are less likely to roll in a collision.



Find more information about electric vehicles, grants and charging points here:



[www.eva.scot](http://www.eva.scot)



[www.energysavingtrust.org.uk/transport/electric-vehicles](http://www.energysavingtrust.org.uk/transport/electric-vehicles)



[www.which.co.uk/reviews/new-and-used-cars/article/car-buying-tips/how-to-buy-the-best-electric-car](http://www.which.co.uk/reviews/new-and-used-cars/article/car-buying-tips/how-to-buy-the-best-electric-car)

To get involved in Clean Air Day and learn more about how air pollution could be affecting you and your family's health, visit [cleanairday.org.uk/scotland](http://cleanairday.org.uk/scotland) or search #CleanAirDay.