



Hello:

Today we are marking **World EV Day**, and next week sees the start of [European Mobility Week](#), so it is the perfect opportunity to learn a little more about [the future of transport](#).

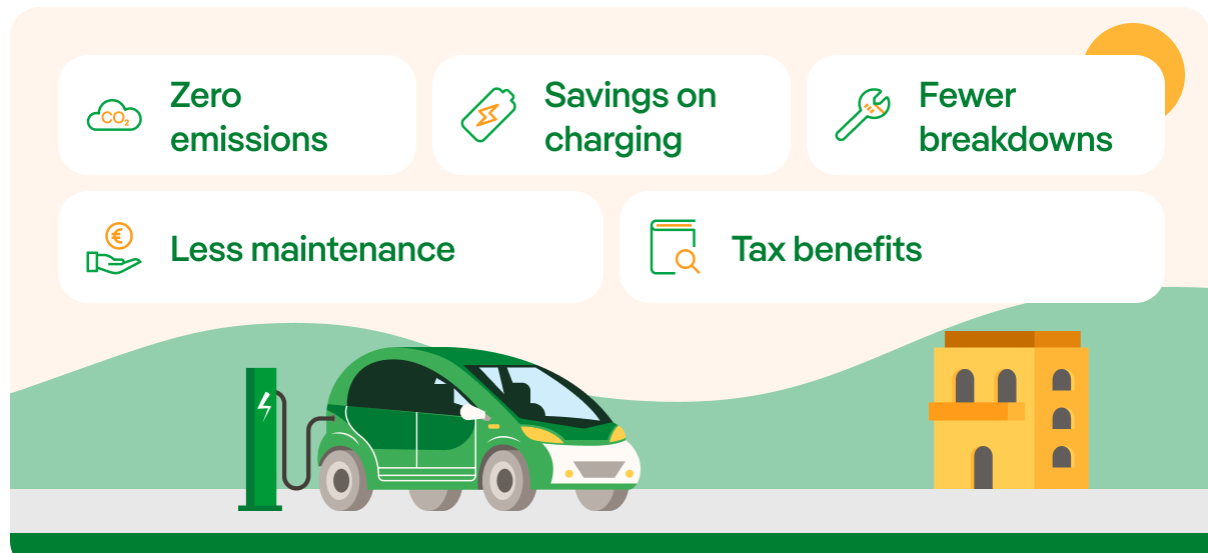
Electric cars are nothing new – [their story](#) began more than 200 years ago! While some historians estimate that **around the year 1900 a third of the cars on the road in the United States were electric**, combustion vehicles developed at a faster pace.

This transport revolution, encompassing personal, public and freight transport, drove unprecedented progress in our society, but not without a price: **increased greenhouse gas (GHG) emissions** into the atmosphere and the creation of a noisy soundscape in our cities.

At Iberdrola, we are supporting [electric mobility](#) by developing a **charging infrastructure powered by clean energy**, both in public spaces and at home. We are also researching and developing new solutions, such as all-inclusive electric vehicle leasing in some of the countries where we operate. Through these initiatives, we are helping transform the sector and bring the benefits of electric mobility to as many users as possible.

And today, long-distance journeys are already a reality in many countries. Thanks to models with more powerful batteries and a charging infrastructure that continues to grow, **travelling long distances in an electric car is not the future – it is the present of mobility**.

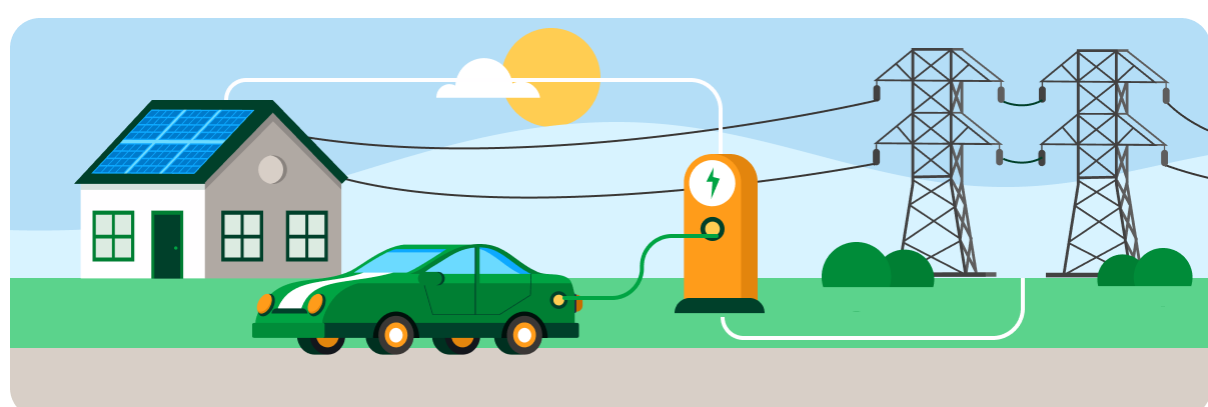
Benefits of electric mobility



Thinking about switching to an electric car?

Choosing an electric car for your journeys, whether around town or on longer trips, [has its advantages](#). Not only does it allow you to play an active role in reducing pollutant emissions, it is also a smart investment. Because they have simpler mechanisms than vehicles powered by internal combustion engines, **electric cars are easier to maintain and less prone to breakdowns**. In addition, the energy you need to drive is **much cheaper**. This, combined with the **tax benefits** that encourage the purchase of electric cars, can result in significant savings for your pocket.

So **which type of electric car is best suited to your needs?** The rise of these vehicles has led to different configurations as technology has advanced. In this [comprehensive guide](#), we explain **all the types available on the market**, how each one works, as well as the different types of plugs and the uses you can make of your vehicle beyond simply getting from A to B.



Electric vehicles are also becoming an energy asset in their own right. Thanks to technologies such as [Vehicle-to-grid \(V2G\)](#), your car's battery can become another resource for storing energy and feeding it back into the grid when needed. This contributes to creating a more **resilient electricity network** which, together with other V2X connection technologies, can also allow you to use your vehicle as a local energy resource, supplying power to your home or charging devices and providing a new way to improve the efficiency of your energy consumption

The electrification of mobility is also reaching larger vehicles...

A sustainable mobility project would not be complete without considering other types of vehicles. Today's logistics needs are driving the transition towards [electric trucks](#) as a way of **making our roads free from exhaust fumes and noise**.

The same applies to **public transport**, where solutions such as alternative fuels are being developed and [electric buses](#) are being promoted as an alternative to traditional methods.

...and smaller ones

[Electric bikes](#) are now a reality on our streets. They are already available to citizens in **more than 700 locations around the world** and offer an affordable, sustainable and healthy means of transport.

Thanks to continuous advances in motor technology, their range is increasing to as much as 100 kilometres, making them an attractive form of individual transport for avoiding traffic jams in large cities and tackling steep inclines easily and comfortably in your free time.

