

going EV.

*Looking to add Electric Vehicles to your fleet?
Here's some things to consider...*


It's easier to leaseplan

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P P Power

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Welcome. There's a lot to talk about electric vehicles. They're right for your business. Going electric for all your fleet is certainly an option. If you're looking to lower fuel costs and reduce your carbon footprint, electric vehicles are a great choice.

There are plenty of
vehicles, but are
they business?
Full or part of your
fleet option if you're
looking at costs and
carbon footprint.

Investing in green transportation will also lower your overall operating costs and maintenance of your fleet. But before you make any decisions, there are three important factors to consider.

1. **YOUR BUSINESS STRATEGY**
Are EVs compatible with your broader business strategy? It's important that you are clear as an organisation about why you are choosing EVs, especially given that total cost of ownership is higher than comparable petrol/diesel vehicles. That may require you to forego spending in other budgets to support the increased direct cost of your fleet. You need to make sure you are comfortable with the costs and their impacts from the outset. That said, there are many benefits of having EVs in your fleet.

2. **YOUR VEHICLE POLICY**
Replacing a traditionally powered fleet with EVs is not as simple as changing the keys. Part of the purpose of a vehicle policy is to align your fleet requirements with those of the business. In evaluating whether EVs are feasible for your needs, you need to consider who uses vehicles and for what purposes, trip lengths, the nature of those trips (linear or circular), whether there is towing involved and what needs to be carried. It's important also to look at complementary policies such as Health & Safety and HR to ensure that your vehicles are compatible with provisions for private use etc. We can help you with this.

3. **IMPLEMENTATION AND DELIVERY**
How are you going to tell your drivers about this new technology? They will want to know things like:
 - Do they still need a fuel card?
 - What are their charging options? Can they plug the vehicle in at home?
 - What happens when they break down? (You can't just attach a tow rope.)
 - How/where/when do they go for servicing and maintenance?

Again, we can help take your managers and drivers on this journey.

The key benefits of Electric Vehicles

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- + **Cheaper to get from A to B** – equivalent to paying around 30 cents per litre of petrol;
 - + **Cheaper to maintain** – an EV has a lot less moving parts than a conventional petrol/diesel car which means less servicing, and a great deal less maintenance;
 - + **No road user charges** – The Government has currently removed road user charges for EVs and has indicated that it might consider further exemptions and grants;
 - + **Better for the environment** – no harmful emissions. Your vehicle is run by renewable energy, made from eco-friendly materials;
 - + **Renewable energy** – just over 80 percent of the country's electricity is generated from renewable sources;
 - + **A lot fewer CO₂ emissions** – once on the road, an EV will save about 3,000-5,000kgs of greenhouse gases annually;
 - + **More efficient** – EVs use 90% of the energy created whereas petrol/diesel vehicles only use about 30%;
 - + **Reduced noise pollution** – EVs are lot quieter than a petrol or diesel vehicle.

Choosing a vehicle

We can assist you in choosing the right vehicle for your fleet and recommend the type of EV which best caters to your fleets needs.

Three types of EVs are currently available:

- + **Hybrid Electric Vehicles (HEVs)** – powered by both petrol and electricity. The electric energy from the car's own braking system recharges the battery. HEVs start off using the electric motor, then the petrol engine cuts in as load or speed rises.
- + **Plug-in Hybrid Electric Vehicles (PHEVs)** – also known as Extended-Range Electric Vehicles these are powered by both petrol and electricity. PHEVs can recharge the battery through regenerative braking and 'plugging-in' to an external electrical charging outlet.
- + **Battery Electric Vehicles (BEVs)** – fully electric vehicles, meaning they are only powered by electricity and do not have a petrol engine, fuel tank or exhaust pipe.

The most environmentally friendly option are the BEVs as they run purely on electricity and do not produce any CO₂ emissions.

Did you know...?

- + Most BEVs can now cover at least 120km on a single overnight charge. According to ecotricity.co.nz, the average New Zealand car only travels about 39km a day.
- + Rapid charging stations can charge a compatible BEV's battery to 80% in 20 minutes.
- + BEVs tend to have high international safety ratings. Without an engine leaves more room for air bags and crumple zones.
- + A BEV can cost just \$524 a year to run, and that's including maintenance.

Going EV.

making
a decision

We recommend you consider the following before adding EVs to your company's fleet.

- ① **Purpose/range** – what role would an EV play in your company's fleet? How many kilometres is an EV likely to be driven on a weekly basis? EVs would make particular sense for example, if part of your fleet is being consistently used for relatively low distance runs.
- ② **Upfront cost** – EVs are packed with the latest technology, so they do cost a little more to buy. That said, they do cost a lot less to run and this will pay off in the medium to long run.
- ③ **Charging** – the easiest way to charge your EV would be to install a charging station on your premises. Other ways include charging your EV at one of the many charging stations around New Zealand or at home through a standard power socket. You can see a list of all the charging stations in New Zealand at www.plugshare.com
- ④ **Environmental impact** – increasingly, today's businesses must prove their commitment to tackling climate change and pollution. It's a powerful public signal that your business cares about these issues and will take action.

get
ROOL

The word "rool" is rendered in a stylized, hand-drawn orange font with a rough, textured appearance. It is positioned in front of the large white "ROOL" text, with the "R" and "O" of the white text partially visible behind it. The orange letters have a thick, irregular outline and some internal texture, giving them a painted or sketched look. There are also some orange brush strokes or lines above the orange letters.

LING



*cleanly,
cheaply &
efficiently*

Want to know more?

LeasePlan are the leaders in implementing EV fleets. To find out more about whether these options are best for you, contact your Client Development Manager today. We'll be happy to talk through the business case with you.

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