

# AEVA

## Australian Electric Vehicle Association

### Five Key Benefits of an Electric Vehicle (EV)



**Cost Savings** - EVs have much lower maintenance costs compared to internal combustion engine (ICE) vehicles, they have fewer moving parts and don't need consumables like oil and spark plugs. Electricity to charge EVs is cheaper than traditional fuels especially when from renewable energy sources like rooftop solar. EVs are also more efficient per kilometer than ICE vehicles.



**Better Driving Experience** - EVs have responsive acceleration and superior handling, thanks to their instant torque electric motors and lower center of gravity. The absence of a noisy and vibrating engine creates a serene driving experience, enhancing comfort, and quieter roads for everyone.



**Convenience** - Charging an EV is simple and convenient - plug in the cable then continue on with your other activities, thus saving you time on driving to a petrol station, waiting to fill up, and queuing to pay. Modern EVs also have longer ranges, reducing the need to charge every day.



**Zero Exhaust Emissions** - EVs have no tailpipe emissions, eliminating noxious gases containing heavy metals, particulates, and CO2. This improves air quality for everyone and contributes to mitigating the impact of climate change.



**Reduced reliance on imported oil** - Increased EV adoption in Australia will significantly reduce our reliance on foreign oil, saves millions of barrels of imported oil daily by 2030 [1], strengthens the Australian dollar, and reduce our geopolitical and socioeconomic vulnerabilities [2].

[1] Source: <https://www.iea.org/energy-system/transport/electric-vehicles>

[2] Source: <https://australiainstitute.org.au/post/australia-91-reliant-on-foreign-oil-research-report>

Improve Transport with Electrification!



AEVA was Established in 1973

Join us & be part of the EV revolution!

### KEY LINKS



About Us and What We Do



AEVA Membership Benefits



EV Fact Sheets



AEVA Events Calendar



AEVA Articles



Photos of AEVA Events



AEVA YouTube Channel



AEVA Facebook

Talk to us about Sustainable Mobility!



Scan here to download your copy of this poster.