

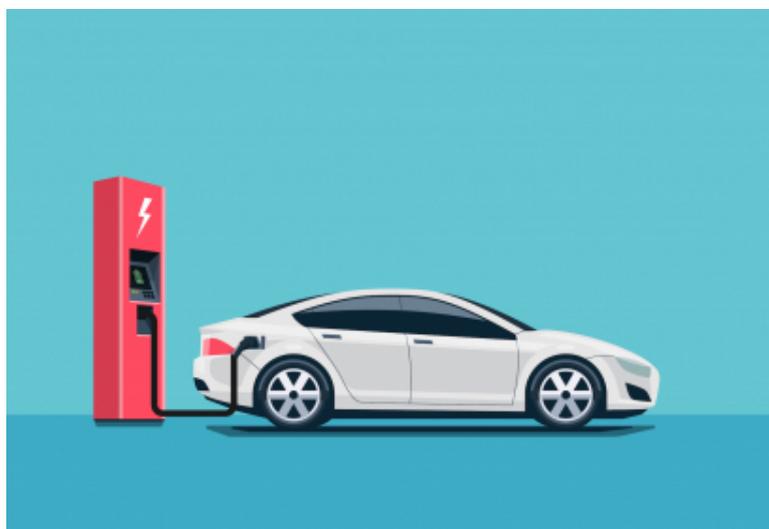
Title:	Calls for Australia to boost electric vehicle infrastructure
First Broadcast:	Apr 2022
Source:	ABC 7.30 REPORT
Minutes:	6:01
Video & Script:	<a href="https://www.abc.net.au/7.30/calls-for-australia-to-boost-electric-vehicle/13830280">https://www.abc.net.au/7.30/calls-for-australia-to-boost-electric-vehicle/13830280</a>
Summary:	Experts say EVs can work in even the most remote parts of the country, as long the infrastructure is there to re-charge them.

### KEY WORDS

*Below is a list of words which appear in the report - can you match the words with their correct definition? Use a dictionary to help you if you aren't sure.*

fan, a person who is knowledgeable about and obsessively interested in a particular subject	
approximately	
balance out, cancel out, even out	
connect, make ready to be used	
isolated, faraway	
promise, say that something will definitely be done	
remarkable, exceptional, amazing	
shift, move or change from one state or condition to another	
the area covered by or included in something	
the border or outer edges of an area	

tech <b>geek</b> (n)
<b>remote</b> locations (adj)
<b>roughly</b> double (adj)
driving <b>range</b> (n)
<b>install</b> solar panels (v)
<b>phenomenal</b> (adj)
<b>transition</b> to electric vehicles (n)
<b>offset</b> (v)
coastal <b>fringe</b> (n)
<b>commit</b> to building (v)



## SUMMARY

Experts say EVs can work in even the most remote parts of the country, as long the infrastructure is there to re-charge them.

## FOCUS QUESTIONS

- Where is Alice Springs?
- What kind of motor vehicles would you typically see in the Australian outback?
- Should more EV charging infrastructure be built in remote areas? Should the government fund more charging infrastructure?
- Do you think more people should be driving EVs? Why are there relatively few EVs in Australia?

## LISTENING

*First watch the report and answer the questions*

- How many kilometres did Hunter Murray, the vice-president of the Australian Electric Vehicle Association, drive in his new EV the first week he got it?
- What has Hunter Murray, who also owns an electronics shop, also installed on the side of his shop in Alice Springs?
- Hunter Murray, who uses his electric vehicle as part of his business, often drives how many kilometres a day?

## COMPREHENSION QUESTIONS

*After watching the report, try to answer the following questions*

1. How long does it take Hunter Murray's charger to charge an EV for a 400-kilometre range?
2. How long does it take him to charge the same distance at a charging station at a roadhouse an hour's drive south of Alice Springs?
3. Why does Peter Murphy, the owner of the roadhouse with the EV charging station, say he'd also like to install solar panels and batteries?
4. How long do fast chargers like those found in big cities take to charge a car to travel 400 kilometres?
5. How much can a fast charger and a new solar and battery system to power it cost?
6. The Central Land Council, which supports Indigenous people in the southern half of the Northern Territory, has a fleet of 120 vehicles but none are electric. **T / F**
7. The Federal Government granted \$25 million to build fast-charging infrastructure in the outback. **T / F**

## CLOZE

Use the words to complete the sentences

The form of the word may need to be changed

geek	remote	roughly	range	install
phenomenal	transition	offset	fringe	commit

1. A recent study showed the average family throws out \_\_\_\_\_ 3-4 kg of fresh food a week.
2. As interest rates have decreased over recent years, more people were making the \_\_\_\_\_ from renting to owning their own home.
3. Houses had become unaffordable in the centre of the city so many young first home buyers were forced to look at places on the city \_\_\_\_\_.
4. In a rare joint statement, China and India, the world's No. 1 and No. 3 greenhouse gas emitters, \_\_\_\_\_ to work together to combat climate change.
5. Most of Jack's friends thought he'd get bored living in a small country town faraway from the city. But he loved the \_\_\_\_\_ of the place.
6. The latest trade figures showed that a big drop in mining export income had been \_\_\_\_\_ by a jump in foreign revenue from education services.
7. The parents \_\_\_\_\_ a device in their son's car which could track his movements and record how fast he drove during each trip.
8. The swimmer's 15 gold medals at 3 different Olympics was a \_\_\_\_\_ achievement which was unlikely to be repeated.
9. The woman's electric bike had a range of 60 km before it needed a recharge.
10. Tom is a bit of a train \_\_\_\_\_. He spends hours on the weekend playing with his model train set and he has visited the main train station in more than 100 cities.

## ANSWER KEY

<ul style="list-style-type: none"> <li>• about 8,000 kilometres</li> <li>• the fastest EV charger in the Northern Territory</li> <li>• hundreds</li> </ul>	<ol style="list-style-type: none"> <li>1. around two hours</li> <li>2. could take five hours</li> <li>3. to move with the future and cutting the diesel costs</li> <li>4. just 20 minutes</li> <li>5. \$150,000 plus \$500,000</li> <li>6. F – one is</li> <li>7. F - none</li> </ol>
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fan, a person who is knowledgeable about and obsessively interested in a particular subject	geek
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connect, make ready to be used	install
isolated, faraway	remote
promise, say that something will definitely be done	commit
remarkable, exceptional, amazing	phenomenal
shift, move or change from one state or condition to another	transition
the area covered by or included in something	range
the border or outer edges of an area	fringe

1. A recent study showed the average family throws out **roughly** 3-4 kg of fresh food a week.
2. As interest rates have decreased over recent years, more people were making the **transition** from renting to owning their own home.
3. Houses had become unaffordable in the centre of the city so many young first home buyers were forced to look at places on the city **fringe**.
4. In a rare joint statement, China and India, the world's No. 1 and No. 3 greenhouse gas emitters, **committed** to work together to combat climate change.
5. Most of Jack's friends thought he'd get bored living in a small country town faraway from the city. But he loved the **remoteness** of the place.
6. The latest trade figures showed that a big drop in mining export income had been **offset** by a jump in foreign revenue from education services.
7. The parents **installed** a device in their son's car which could track his movements and record how fast he drove during each trip.
8. The swimmer's 15 gold medals at 3 different Olympics was a **phenomenal** achievement which was unlikely to be repeated.
9. The woman's electric bike had a range of 60 km before it needed a recharge.
10. Tom is a bit of a train **geek**. He spends hours on the weekend playing with his model train set and he has visited the main train station in more than 100 cities.