

ACT's Zero Emissions Vehicles Strategy

2022 – 30

Everyday
climate
choices



Canberra



Our vision

By 2030, the ACT will be a leading jurisdiction in the adoption of zero emissions vehicles and will be on track to meet our target of net zero greenhouse gas emissions by 2045 at the latest.

Overview

Canberra is leading the nation to drive down transport emissions and significantly expand the number of zero emissions vehicles (ZEVs) in the ACT. The ACT Government took bold steps over 10 years ago to transform our energy system when we announced our intention to be powered by 100% renewable electricity, and then achieved this world-leading target in 2020. As part of our ambition for Canberra, we are looking at how we address the remainder of our emissions.

The electrification of our transport system is crucial to helping us become a net zero emissions city by 2045. Transport currently makes up about 60% of ACT emissions, with private vehicle use accounting for about 70% of transport emissions. To reduce emissions and take action on climate change, it is important that all Canberrans

have greater opportunity to choose sustainable transport options for every journey.

The ACT Zero Emissions Vehicle Strategy 2022-30 (the Strategy) sets out a range of actions that will make owning a ZEV a more affordable and accessible option for all Canberrans in the years to come. The Strategy sets a new light vehicle ZEV sales target of 80-90% by 2030 and a suite of actions to help achieve this.

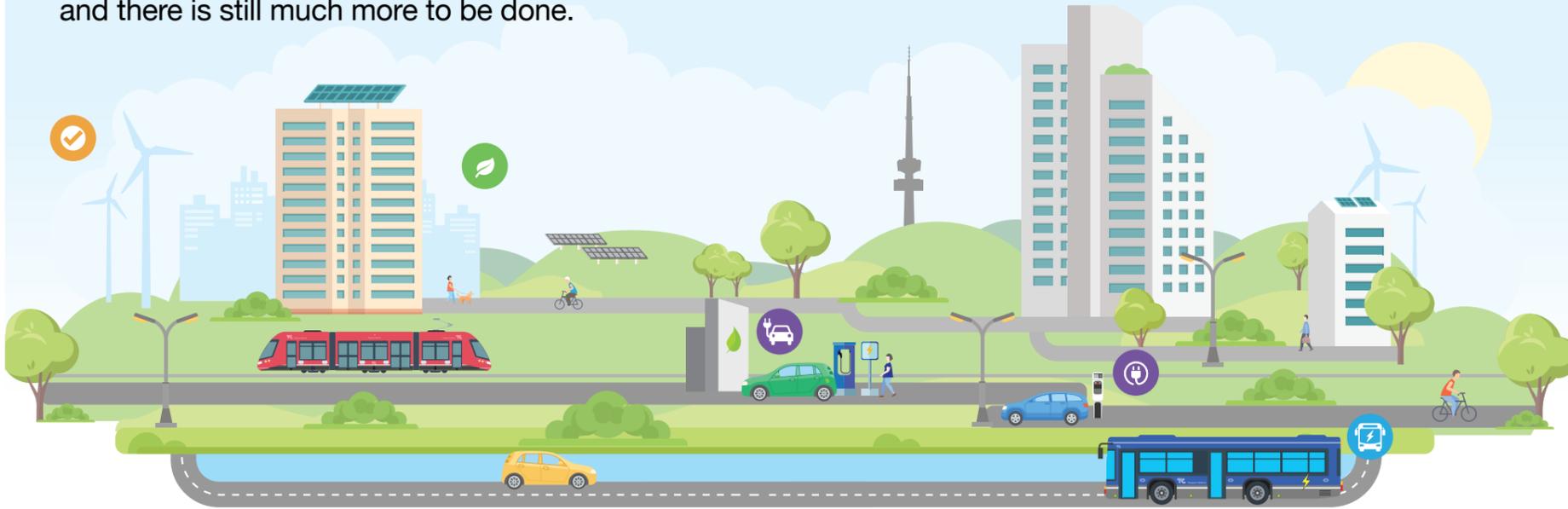
The policies under this strategy support people to purchase ZEVs by accessing incentives for EV charging, zero-interest loans, as well as continuing to expand our ambitious public charging infrastructure plan.



ZEVs are defined as cars, commercial vehicles, trucks, motorbikes and personal mobility devices, such as electric scooters, that produce zero tailpipe emissions. This includes battery electric, fuel cell electric vehicles and plug-in hybrid electric vehicles.

ACT's zero emissions transport journey

ACT has already come a long way on its zero emissions transport journey and there is still much more to be done.



2018 ACT commits to achieving net zero emissions by 2045	2020 ACT achieves 100% renewable electricity target	2021 Zero interest loans towards zero emissions vehicles	2021 Electric Vehicle Public Charging Outlook released	2022 12 new electric buses arrive with 90 more to come
2018 ACT Zero Emissions Vehicles Action Plan 2018-21 released	2020 Zero emission transition plan for public transport	2021 Hydrogen transport refuelling station opens	2022 Contracts in place for at least 70 new EV chargers	2022 ACT Zero Emissions Vehicles Strategy 2022-30

Where to next?

Aim to achieve 80-90% of new light vehicle sales in the ACT being zero emissions vehicles in 2030

The Strategy sets out a new and ambitious zero emissions vehicle sales target of 80-90% by 2030. This is also supported by a policy intention to phase-out light internal combustion engines (ICE) vehicles like petrol or diesel from 2035.

As the world looks to decarbonise their economies, we have seen other countries and jurisdictions make similar commitments to support sustainable transport options and phase out the purchase of new vehicles. These new commitments place the ACT alongside other global jurisdictions looking to take strong action on climate change, including the European Union, Canada, UK and some US states.

We are exploring the best and most appropriate mechanism for achieving such a phase out and are committed to working with Federal Government and the Canberra community to find an appropriate pathway forward.

Expanding the electric vehicle public charging network

We are committed to ensuring there are at least 180 public chargers by 2025, and we are rolling out the first 70 through 2022-23. We will substantially increase access to public charging for ACT residents and visitors, leading to reduced levels of range anxiety among ACT residents by the medium term.

Making zero emissions vehicles more affordable

The ACT Government offers generous incentives for people and businesses thinking about buying a ZEVs, including:

- > stamp duty exemptions for new ZEVs
- > two years free registration and investigate potential for future reforms
- > zero interest loans for up to \$15,000 for ZEVs and charging infrastructure under the Sustainable Household Scheme
- > \$2,000 grants for installation of EV charging for semiprivate charging in multi-unit buildings (coming soon).

2030 zero emissions vehicles outlook for the ACT



Community action

Addressing emissions from transport through uptake of ZEVs will require collaboration from everyone including our community, car manufacturers, government and industry.

ACT residents and businesses

Light vehicles make up 95% of vehicles overall. Therefore it is important that ACT residents and businesses have the opportunity to purchase a ZEV.

Government

Government must lead the way. That's why the ACT Government is continuing to support ZEV uptake by addressing drivers for change and transitioning of our fleet.

Car manufacturers

Car manufacturers are producing more types and numbers of EV. Companies are more likely to deliver vehicles to places with strong support for ZEV uptake.

Industry

Industry will enable ZEVs and supporting services. That's why we need to attract ZEVs industries and other economic and training opportunities to the ACT.



Affordability

> At present, ZEVs are more expensive to purchase than comparable petrol vehicles in Australia.

Size and maturity of the market

> The ZEVs market is still emerging and there are not a lot of vehicle and service options available when compared to the fuel vehicle industry.

Range anxiety

> Many people report concerns about the drive-range of an electric vehicle and charging infrastructure availability.

Government policy and process

> Government policy and process to enable market growth and innovation are still in early stages at all levels of Government.

Drivers of change

We recognise that there are existing barriers to owning a ZEV, and the current technology doesn't suit everyone's circumstances or lifestyle. But as we've seen, this will change, and change fast.

Summary of policy actions

The following table outlines some of the key policies and programs included in the strategy to address key barriers to ZEV uptake. For the full list of programs, see the ACT Zero Emissions Vehicle Strategy 2022-30.

Setting a clear direction	
Aim to achieve 80-90% of new light vehicle sales in the ACT being ZEVs in 2030	2030
Prohibit onboarding of new ICE vehicles to rideshare and taxi networks by 2030	2030
Phase-out light ICE vehicles from 2035	2035
Making ZEVs more affordable	
Provide two years free registration for battery electric and hydrogen fuel cell electric vehicles and investigate potential for future reforms	2021-2024
Provide stamp duty exemption for new ZEVs	Ongoing
Offer \$15,000 zero-interest loans for ZEVs, charging equipment and installation	2021
Introduce incentives to encourage the uptake of electric bikes, motorbikes and trikes	2023
Expand the stamp duty exemption to include used ZEVs	2022
Expanding the EV charging network	
Introduce \$2,000 grants for installation of EV chargers in multi-unit buildings	2023
Deliver more than 70 publicly accessible EV charging stations across Canberra in 2022-23	2022
By 2023 at the latest, enact regulation in the Territory Plan to require EV charging infrastructure for new multi-unit residential and commercial buildings	2023
Expand the public EV charging network to ensure there are at least 180 publicly available charging stations in the ACT by 2025	2025
Continue cross-jurisdictional engagement to make EV chargers available on common interstate, long distance transit routes	Ongoing
Supporting and informing uptake	
Deliver the Zero Emissions Fleet Advisory Service to assist businesses and organisations	2021
ACT Government leadership	
Continue to advocate for strong national policy to support the ZEV transition including vehicle emissions standards	Ongoing
Continue to ensure that 100% of all newly leased government passenger vehicles are zero emissions where fit for purpose	Ongoing

More information

There are many things the community can do right now, to choose more sustainable transport options.

Head to Everyday Climate Choices for more information and ideas on how to help reduce transport emissions.

