

## California's Transportation is Going Electric

You may have heard that California is a global leader on a major transition to electric transportation. Electric transportation comes in many forms – cars and trucks, buses, freight, trains and more – it brings cleaner air to your community, reduces climate change pollution and is good for the economy.

All Californians should be able to get where they need to go in a clean, affordable and convenient way. Electric transportation in all forms can help make this vision a reality, and we want to hear from you as we create a path to zero emissions that considers the needs of all Californians.


### Clean Transportation Has Many Benefits

Transportation modes and the fuels that power them create about half of all greenhouse gas emissions, smog-causing pollutants and toxic air contaminants that directly impact community health, the environment and the economy.

Clean transportation, including zero-emission vehicles (ZEVs) like electric cars, are critical to meeting California's health-based air quality and climate change standards especially in areas that have been disproportionately impacted by poor air quality. This is why California has set an ambitious target that all new cars sold in 2035 must be ZEVs.

Electric cars are not just good for the environment, they are often cheaper to fuel and maintain. They are fun to drive – with some going to 0 to 60 miles per hour in 2.5 seconds! – and come in more than 65 makes, models and price points, with many more coming soon.

 **100% ZEV sales** by 2035

Full transition to  
**ZEV short-haul/drayage trucks**   
by 2035

 Full transition to **ZEV buses & heavy-duty long-haul trucks**   
by 2045\*

Full transition to  
**ZE off-road equipment**  
by 2035\*  
\*where feasible

#### Zero Emission Vehicle (ZEVs) are:

**Electric cars** – commonly referred to as EVs or BEVs don't use gasoline, and instead have a large battery that powers one or more electric motors.

**Plug-in hybrid electric cars** – commonly referred to as PHEVs offer both gas-only and electric-only driving – even at relatively high speeds.

**Fuel cell electric cars** – commonly referred to as FCEVs are fueled with hydrogen gas that uses a fuel cell stack to produce electricity to power the electric motor.

# California Government Is Supporting the Transition

To reach our clean transportation goals equitably, the state is employing several strategies, such as:

- Developing the Advanced Clean Cars II regulations that set new pollution standards for passenger cars and require car companies to make zero-emission vehicles.
- Providing a suite of incentive programs such as rebates for clean cars, funding for charging and fueling options or alternatives to owning a car, like car sharing and ride hailing.
- Supporting a robust recharging and refueling network to power these cars, contributing to California's green economy.
- Increasing workforce development and diversification.



## Next Steps

- **Advanced Clean Cars** - The Advanced Clean Cars II rulemaking package is anticipated to be presented to the Board in June 2022. Public workshops and community meetings will take place throughout the development of this rulemaking.
- **Incentives** – Each year, the Legislature provides funding for clean transportation incentives, and CARB develops a Funding Plan describing how those funds will be spent. This year's Funding Plan will be presented to our Board later this fall and CARB is hosting a series of public meetings throughout the development of the plan.

## Get Involved

We would like to hear your comments on clean transportation. Contact us at [cleancars@arb.ca.gov](mailto:cleancars@arb.ca.gov) to learn more about our different programs and feel free to send us your questions and concerns. You can also stay up to date on our upcoming workshops and events by [joining our email distribution list](#).

## Links to More Information

- [Veloz electric car sales dashboard](#)
- [DriveClean.ca.gov](https://driveclean.ca.gov) is California's clean car buying guide
- Moving California provides information about transportation equity programs funded by California Climate Investments
- [California Energy Commission Clean Transportation Program](#) provides funding to support innovation and accelerate the development and deployment of advanced transportation and fuel technologies
- [Governor's Office of Business and Economic Development Zero-Emission Vehicle Market Development Strategy](#) developed to help California collectively move forward and deliver zero-emission benefits to all Californians.