

Zero Emission Vehicles and Environmental Justice: Why California Communities Need ZEV2030



Transportation Pollution Disproportionately Affects Our Communities of Concern

- Freeways, refineries, and other environmentally hazardous facilities are disproportionately placed in and around communities of color and low-income communities, exposing members of these communities to higher levels of air toxins, air pollution and water pollution.
- People of color are 1.5x more likely to live in an area with poor air quality and are at least 1.4x as likely to have increased exposure to particulate pollution.
- People of color, specifically members of Latinx, Asian, and Black communities, are at a higher risk of premature death due to particle pollution (a result of transportation), than whites.

Achieving an Electrified Transportation Future Benefits Communities of Concern

Zero emission transportation will reduce greenhouse gases and especially benefit communities of concern:

- Improving local health outcomes, especially in communities located close to freeways and other high-traffic corridors with the elimination of tailpipe air pollution.
- Building more reliable cars with lower cost of ownership and minimal maintenance costs for everyone.
- Phasing out oil refineries and pumpjacks and their disastrous effects on local public health.

Challenges to Making ZEVs Accessible for All

In order to reach the point where all new vehicles sold are ZEVs and low-income communities and communities of concern are not left behind, we must meet various challenges:

- While ZEVs are projected to be as affordable as gas cars in the near future, consumer incentives should be extended to lower-income purchasers to spur widespread adoption in communities of concern.
- There must be universal access to charging stations—whether you live in a single-family or a multi-family dwelling. This means a ubiquitous public charging infrastructure at businesses, homes, and public/private parking areas.
- We must continue funding to retire gas-powered cars, such as “recycle and replacement” programs or “cash for clunkers” programs that support a robust used EV market.

Our Next Steps for an Equitable Transition to Zero Emission Vehicles

Significant strides must be made to address equitable accessibility to zero emission transportation including:

- Governor Newsom’s 2021-2022 budget proposal has allocated around \$500 million to expand charging infrastructure in communities. These funds should be targeted with equity in mind.
- We need more incentives and building code improvements to include EV chargers in apartment complexes, shared garages and more types of businesses in order to provide easier access to more charging locations.
- Trade-in programs, such as Valley CAN’s Vehicle Replacement Program in the Central Valley, are helping lower-income car purchasers buy electric cars. These programs need continued support.

ZEV2030 is building a large and diverse group of individuals, companies, and organizations that support the goal of 100% zero emissions vehicle sales in California by 2030.

Join us by signing in support of the ZEV2030 goal at www.ZEV2030.org/take-action