



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

100% Zero Emission Vehicle (ZEV) Sales by 2030: The Key to Unlocking California's Green Economy



The world is moving towards a clean, electricity driven transportation sector. By adopting the goal of 100% ZEV sales by 2030, California will signal that it not only embraces the new technology and infrastructure to get there, but is ready to take the lead in getting there.

Zero Emission Vehicles are Already an Essential Sector of California's Economy

The California economy is already poised to lead the ZEV and infrastructure market:

- Zero emission vehicles are California's largest export;
- More ZEVs are on the road in California than in any other state;
- Major charging and infrastructure companies are headquartered here;
- More than 14 electric vehicle manufacturers call California home;
- For decades, California has been a key leader in startups and technological innovation,
- The industry provided over 275,600 electric transportation jobs statewide in 2018.¹

100% Zero Emission Vehicles paves the way for a thriving Green Job Market

Accelerating the adoption of Zero Emission Vehicles sales to 100% by 2030 goal would be a victory for California businesses and the Californian workforce. In enacting this goal, California policymakers can elevate California's economic output, boost the state's growing ZEV economy, and support its working class through good-paying green jobs. In an economy where the middle class is weakening, ZEV2030 can create the jobs that will expand and protect the middle class.

Policymakers can secure our place as a global leader in EV manufacturing through the offering of incentives in domestic production of charging stations, vehicles, and battery cells, as well as the creation of opportunities and growth for all workers in the electrical industry. Furthermore, a statewide goal of zero emission vehicles by 2030 would allow governments-supported infrastructure to provide the resources necessary to support workers as they transition to a green job market.

Boldness is Required Now. Here's How We Need to Get There

- We need 1.5 million chargers in California in the short term, and this means manufacturing and installation jobs for electricians and other workers.
- Millions of cars, and their components from motors to batteries to bumpers, will need to be manufactured every year. California companies should be the ones to provide parts, software and hardware for these vehicles of the future, growing California businesses and starting new ones.
- Our electrical infrastructure must be transformed with a smart grid, energy storage, and renewable energy that can charge vehicles at all hours of the day. This will require investment from and jobs for utility companies, both public and private.

ZEV2030 is building support for the goal of 100% zero emissions vehicle sales in California by 2030. By signing the pledge of support, you can join the network of individuals, companies and organizations that are working together to achieve a transportation revolution in California.

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

¹ Los Angeles County Economic Development Corporation, 2020. The Electric Mobility Revolution in Southern California. Retrieved from: <https://laedc.org/2020/03/01/laedc-ev-industry-report/>

Frequently Asked Questions - About ZEV2030



What does it mean to sign on to the ZEV2030 goal?

Signing on to ZEV2030 demonstrates your support for the ambitious but realistic goal of achieving 100% new zero emission vehicle sales in California by 2030. Your support shows that you and/or your organization are committed to achieving one of the critical paths necessary to reduce carbon emissions. It shows that you support the scientific conclusions of the IPCC: to avoid the most catastrophic effects of climate change, we need to slash emissions 45% below 2010 levels by 2030.

Why is the ZEV2030 goal necessary?

There is abundant evidence that we are running out of time to make drastic changes to our economy and our way of life if there is any hope at reversing the damage caused by climate change. The IPCC released a report in 2018 that stated we must reduce our carbon emissions immediately and one of the best ways to do that is by electrifying transportation. The transportation sector is responsible for over 40% of all emissions in California. By cutting those down with electric vehicles powered by renewable energy, we are able to mitigate emissions from California's largest GHG emitting sector.

How is my signature helping achieve the ZEV2030 goal?

By signing the pledge of support for the goal of ZEV2030, you are joining the network of individuals and organizations that are together working to achieve the transition to electric vehicles in California. Growing our network will increase the influence with policy makers and members of the media. The greater and wider the support for a ZEV2030 goal, the harder it will be for decision-makers to ignore the priority that must be given to accomplishing the goal.

Is this goal possible?

ZEV2030's goal may feel ambitious and aggressive, and it is, but the technology necessary for this transition is proven. We just need to support it in a way that will bring costs down. Charging infrastructure must be built, but this is a solvable challenge within the 10 years before the goal is fully realized. Battery ranges will continue to improve over the next decade, a wider variety of models will be offered, and advancing technology with higher sales will bring a decrease in price. The only question is how fast can we make this happen? With 10 years of widely supported efforts, a 2030 goal is achievable.

Why California?

Being the 5th largest economy in the world, we have the ability to influence others and change trends. California has long been an environmental leader, in terms of both policy and technology. In addition to being the first to establish a ZEV mandate, California also has 17 electric vehicle manufacturers based in the state. Over 15 states have adopted California's stringent tailpipe emission standards as a way to reduce emissions. Because of its size and environmental and technological leadership, California is the ideal place to set the 100% ZEV sales goal.

Who is ZEV2030 and what are they doing to achieve their goal?

ZEV2030 is a nonprofit organization whose mission is to achieve 100% zero emission vehicle sales in California by 2030. We have two objectives:

- 1) To change the current paradigm from electric vehicles are only for an elite few, to one that shows EVs to be an economical and realistic climate solution that will make California a leader in clear car technology and manufacturing. We do this by disseminating news and reports to get the information out there for people to understand and support the goal.
- 2) To build a large and diverse group of individuals, companies, and organizations that support the goal of 100% zero emissions vehicle sales in California by 2030. By forming and increasing the size and power of this group, we will be able get the attention of policy makers and others who can clear roadblocks and help achieve the goal.

How is ZEV2030 different from other organizations supporting ZEVs?

While there are many organizations working towards the goal of vehicle electrification, none but ZEV2030 are working towards the goal of ensuring that 100% of new vehicle sales in California are electric by the year 2030. There are a lot of skeptics out there regarding the feasibility of this goal, but we know that this is in fact achievable and necessary if we hope to cut our emissions to 1.5 degrees Celsius below industrial levels.

How can I get more involved with ZEV2030?

Right now, ZEV2030 is focusing on communications. Signing the pledge shows that you support the goal of achieving 100% zero emission vehicle sales in California by 2030. By doing so, you become another voice getting the attention of policy makers and others who can clear the roadblocks to help achieve this goal. We are using news and information sharing on our Twitter, Facebook, and LinkedIn pages. At this stage of ZEV2030, the best way to get involved is to sign the pledge, and then follow and share our posts to help build the network of supporters.

ZEV2030: Build the support, spread the news.

www.ZEV2030.org

RESOLUTION NO. __

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST BAY COMMUNITY ENERGY AUTHORITY SUPPORTING THE GOAL OF REACHING 100% ZERO EMISSION VEHICLE (ZEV) SALES IN CALIFORNIA BY THE YEAR 2030

WHEREAS The East Bay Community Energy Authority (“EBCE”) was formed as a community choice aggregation agency (“CCA”) on December 1, 2016, Under the Joint Exercise of Power Act, California Government Code sections 6500 *et seq.*, among the County of Alameda, and the Cities of Albany, Berkeley, Dublin, Emeryville, Fremont, Hayward, Livermore, Piedmont, Oakland, San Leandro, and Union City to study, promote, develop, conduct, operate, and manage energy-related climate change programs in all of the member jurisdictions. The cities of Newark and Pleasanton, located in Alameda County, along with the City of Tracy, located in San Joaquin County, were added as members of EBCE and parties to the JPA in March of 2020.

WHEREAS the Intergovernmental Panel on Climate Change tells us that we have until 2030 to transform our energy economy and the way we live to avoid the most catastrophic and irreversible impacts of the climate crisis; and

WHEREAS the transportation sector is the largest contributor of heat-trapping Greenhouse Gas emissions in California, making up roughly 50% of all Greenhouse Gas emissions in the state; and

WHEREAS electrifying the transportation sector needs to be a forefront of discussion, innovation and action in a concerted attempt to combat the climate crisis; and

WHEREAS California increased the number of zero emission vehicles in the state by more than 3,000% in 8 years, growing from 25,000 in 2012 to 763,816 in 2020 - and each year, sales continuing to grow; and

WHEREAS Governor Newsom’s Executive Order from January 19, 2021 calls for the elimination of internal combustion passenger vehicles by 2035; and

WHEREAS all new vehicles sold in California by the year 2030 need to be zero emission vehicles to decarbonize California’s most polluting sector; and

WHEREAS zero emission vehicles and related infrastructure services are an important and growing sector of California’s economy, an opportunity for quality jobs and tax revenue that puts part of the Green New Deal in practice in our state; and

WHEREAS phasing out fossil fuel powered internal combustion engine vehicles can lead to a reduction in oil refineries and pumpjacks in our state thereby reducing harmful local public health impacts in vulnerable communities throughout the state.

WHEREAS the ZEV2030 Zero Emission Vehicle Pledge, available at ZEV2030.org, articulates the dire need for reform to California’s transportation system and its commitment to decarbonizing and combating the climate crisis; and

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST BAY COMMUNITY ENERGY AUTHORITY DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. that the Board of Directors of EAST BAY COMMUNITY ENERGY hereby supports the goal of 100% zero emission vehicle (ZEV) sales in California by the year 2030 and urges Governor Gavin Newsom, the CA State Legislature, and the California Air Resources Board (CARB) to adopt the 100% ZEV by 2030 standard in order to reduce pollution and meet our climate goals for reducing heat-trapping greenhouse gas emissions in our state.

ADOPTED AND APPROVED this 16th day of June, 2021.

Dan Kalb, Chair

ATTEST:

Adrian Bankhead, Clerk of the Board