



ZEV Market Development Strategy Update

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Economic Development (GO-Biz)



ZEV Strategy Overview



ZEV Market Development Strategy

Goal

Large scale equitable market development

Outcomes



Air
Quality



Reduced
Greenhouse
Gases



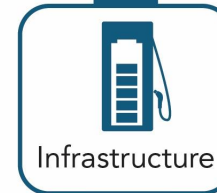
Access



Economic
Development
& Jobs



Vehicles



Infrastructure



End Users



Workforce

Core Principles

- Equity in every decision
- Embrace all ZEV pathways
- Collective problem solving
- Public complements private
- Design for resilience & adaptation



State Agency Action Plans

California State Agencies Included in the ZEV Market Development Strategy



1. Public ZEV Strategy Website

- Latest information; document repository
- Progress and metrics tracking

2. ZEV Strategy Document

- Guiding document: principles, objectives, direction
- Updated at least every 3 years

3. Annual State Agency Action Plans

4. Annual Pillar Priority Action Plans

- Equity Engagement & Implementation
- Multi-Pillar Action Plan



2021 Highlights

Vehicles

- Purchase order for 15 electric sweeper trucks issued (Caltrans)
- Truck Loan Assistance Program hit a milestone of financing 35,000 cleaner trucks for California (STO)
- Clean Miles Standard Adopted (CARB)
- 2020 Mobile Source Strategy released (CARB)
- Draft Battery Recycling Report released (CalEPA/CalRecycle/DTSC)

Infrastructure

- Permit Streamlining Update: 200 streamlined, 123 in progress, 217 not streamlined (GO-Biz)
- 699 EV charging ports at Caltrans facilities installed
- 33 EV Arcs delivered (DGS)
- AB 2127 Charging Infrastructure Assessment inaugural report published (CEC)
- First Climate Action Plan for Transportation Infrastructure (CAPTI) published (CALSTA)
- 2021 International Code Council regulations for Energy Storage Systems adopted (CAL FIRE)
- CalGreen Building Codes EV Charging provisions adopted (BSC, DSA, HCD)
- First-ever inspection frequencies for the oversight of hydrogen fueling devices and EVSE promulgated (CDFA/DMS)



2021 Report Highlights

End User

- \$5 million awarded for the Consumer Awareness Grant (GO-Biz)
- First ZEV Market Development Strategy published (GO-Biz)
- CalEnviroScreen 4.0 Update released (CalEPA)
- Requirement that at least 50% of all utility investments for EV charging must be in underserved communities (CPUC)
- Ratepayers now cover the costs of EV Service Extensions for separately metered EV charging (CPUC)

Workforce

- High Road Training Summit held session on Job Quality and Equity in Energy and Transportation (CWDB)
- High Road Training Partnerships: First two cohorts completed a new joint labor-management apprenticeship program in manufacturing
- IDEAL ZEV Workforce Pilot Solicitation released (CEC)



Looking Forward: Focus on the End-User Pillar



- ZEV Readiness (permit streamlining, energization process, building codes, local planning, etc.)
- Reliability
- Alignment of funding opportunities
- Fleets/Procurement Support
- Consumer Awareness Funding Implementation

