PARTNER AGENCY BOARD MEETING

CENTRAL COAST ZEV STRATEGY

DKS
AGENDA

• PROJECT OVERVIEW
  • PROJECT PARTNERS
  • PROJECT FUNDING
  • PROJECT OBJECTIVES
  • POTENTIAL FUNDING SOURCES

• PUBLIC OUTREACH

• PROJECT STATUS

• NEXT STEPS
PROJECT OVERVIEW
PROJECT PARTNERS

ADDITIONAL PARTICIPATING AGENCIES

• Ventura County Transportation Commission
• Transportation Agency for Monterey County
• Santa Cruz County Regional Transportation Commission
• San Benito Council of Governments

PROJECT CONSULTANT TEAM
Fiscal Year 2021-22 Caltrans Sustainable Transportation Planning Grant Program

- Supports Caltrans mission to provide a safe and reliable transportation network that serves all people and respects the environment.

- Grant funding is made available through Senate Bill (SB) 1 – The Road Repair and Accountability Act of 2017 – a transportation funding bill.

- SB 1 grant funding is intended to support and implement Regional Transportation Plan (RTP) Sustainable Communities Strategies (SCS) (where applicable) and ultimately achieve the State’s greenhouse gas (GHG) reduction target.

- Local contributions from SBCAG, SLOCOG and AMBAG
PROJECT OBJECTIVES

✓ Assess existing ZEV infrastructure environment with a focus on unincorporated rural areas between cities that experience significant interregional travel

✓ Identify key challenges, gaps and barriers to interregional travel for motorists, regional transit and goods movement

✓ Identify where equity issues currently exist with access to EV charging

✓ Ensure infrastructure improvements and investments that are equitable and accessible to all users including underserved populations

✓ Recommend infrastructure improvements and related investments, policies, and implementation strategies to promote ZEV infrastructure adoption

✓ Better position Central Coast agencies for state/federal funding for electromobility infrastructure
POTENTIAL FUNDING SOURCES

• Federal Highway Administration’s Alternative Fuel Corridor

• Infrastructure Bill – National Electric Vehicle Infrastructure (NEVI) Program (State Allocations) and Federal Competitive Grants

• State NEVI Allocation Formula Funds

• SB-1 Grant Applications
PUBLIC OUTREACH
KEY STAKEHOLDERS

- Local Agencies: Municipalities, School Districts, Public Transit
- Utility Providers: Central Coast Community Energy, PG&E and More
- Private Freight: Freight, Waste Providers, Marine Ports & Mobility
- Residents: Local Residents, Property Owners
- Major Employers: Non-Governmental Organizations, Major Central Coast Employers
- ZEV Fueling: Tesla ChargePoint EVgo
STAKEHOLDER DISCUSSION QUESTIONS

1. What charging infrastructure investments are planned?
2. What incentives are needed?
3. What disincentives could be removed?
4. Other than funding support, what else can be done?
5. Advice regarding more EV travel/reduce barriers?
Project Website

- Project Logo
- Frequently Asked Questions (FAQ)
- Survey
- Project Schedule
- Interim Project Deliverables
- Interactive Mapping Tool (Social Pinpoint)
- Meeting Materials
- Events
Central Coast ZEV Strategy aims to improve the charging infrastructure for electric vehicles (EV) and focuses on three types of EV charging:

1. **Level 2 Charger** – Electric vehicles can recharge using a Level 2 Charger that typically takes 2 to 6 hours to fully charge the vehicle’s battery.
2. **DC Fast Charger** – A direct-current (DC) fast charger is the fastest way to charge an electric vehicle, recharging most vehicles in just minutes as opposed to hours.
3. **Tesla Supercharger** – A proprietary Tesla DC fast charger, called a Supercharger, that can recharge electric vehicles up to 200 miles in just 15 minutes.

To leave your feedback, drag one of these icons at the top of the page to a point in the map to leave a comment.
PROJECT STATUS
Completed Tasks

- Developed dedicated Project Webpage: includes the following:
  - Fact sheets regarding the planning process (English and Spanish).
  - Library with all relevant interim plan deliverables and documents.
  - Online surveys.
  - Social Pinpoint (interactive online comment capture).
  - eNews sign-ups.
- Regular meetings with the CCZEVS Advisory Committee
- Performed a virtual Stakeholder Meeting on April 26th.
- Completed draft Existing Conditions Report (available on project website)
- Completed draft Regional Transit Assessment (available on project website)
Existing Conditions Report

- Key Corridors
- Travel Patterns
- Inventory of Existing Chargers by Type
- Geographic Focus on Unincorporated Area Interchanges

Santa Barbara County
San Luis Obispo County
Monterey County
Santa Cruz County
San Benito County
Ventura County
## EV Chargers by County and Type

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<tr>
<th>Route</th>
<th>Level 2 Plugs</th>
<th>DC Fast Charge Plugs</th>
<th>Tesla Level 2 Plugs</th>
<th>Tesla Supercharger</th>
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Source: Alternative Fuels Data Center
## EV CHARGERS BY COUNTY AND NETWORK

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<th>eVgo Network</th>
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<td><strong>464</strong></td>
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Source: Alternative Fuels Data Center
Assumptions

• Chargers within 1 Mile of Study Highway Interchanges and Intersections
  > 1 mile distance is straight line (as a crow flies)
  > Includes chargers in Unincorporated areas and Incorporated Cities
  > Includes Publicly Available Chargers Only
EV CHARGERS
Santa Cruz
San Benito Counties
One-Mile Buffers at County Interchanges
Santa Cruz
San Benito Counties
NEXT STEPS
NEXT STEPS

• Evaluation of Opportunities Report (Siting Suitable Future Locations for ZEV Infrastructure)
  • Service Ranges by Vehicle Type
  • Redundancy in Coverage
  • Dwell Times to determine Type of Charger

• Hold Focus Group Meetings (5 meetings with key stakeholders)

• Hold Public Workshop

• Draft and final CCEVS plan (Anticipated in Spring 2023)
THANK YOU

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