

PARTNER AGENCY BOARD MEETING

DKS



AGENDA



- **PROJECT OVERVIEW**
 - PROJECT PARTNERS
 - PROJECT FUNDING
 - PROJECT OBJECTIVES
 - POTENTIAL FUNDING SOURCERS
- **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



Stantec



PROJECT FUNDING

- 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



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

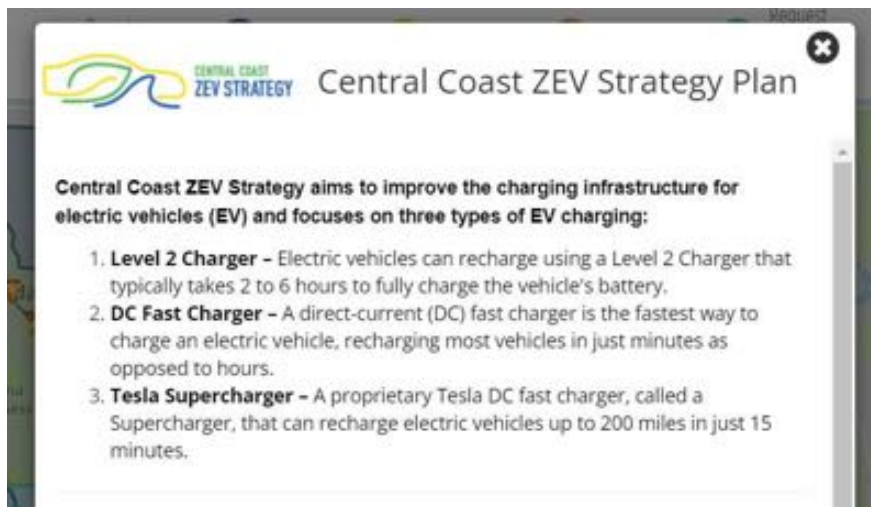
Interactive
Mapping Tool
(Social Pinpoint)

Meeting
Materials

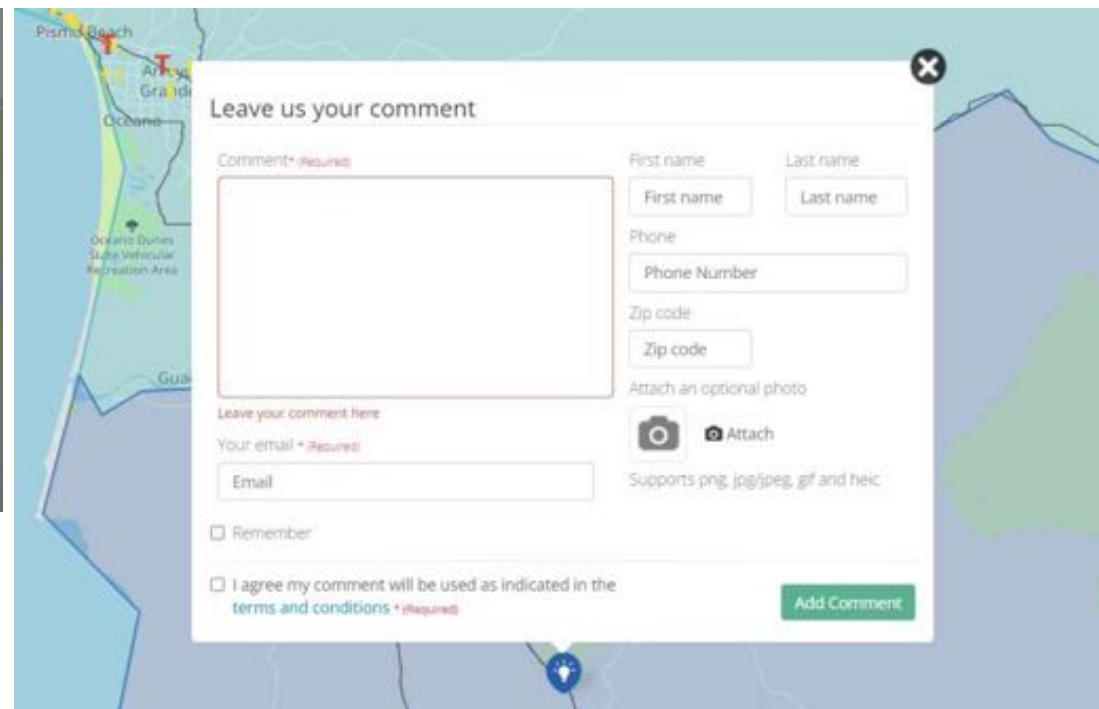
Events

SOCIAL PINPOINT

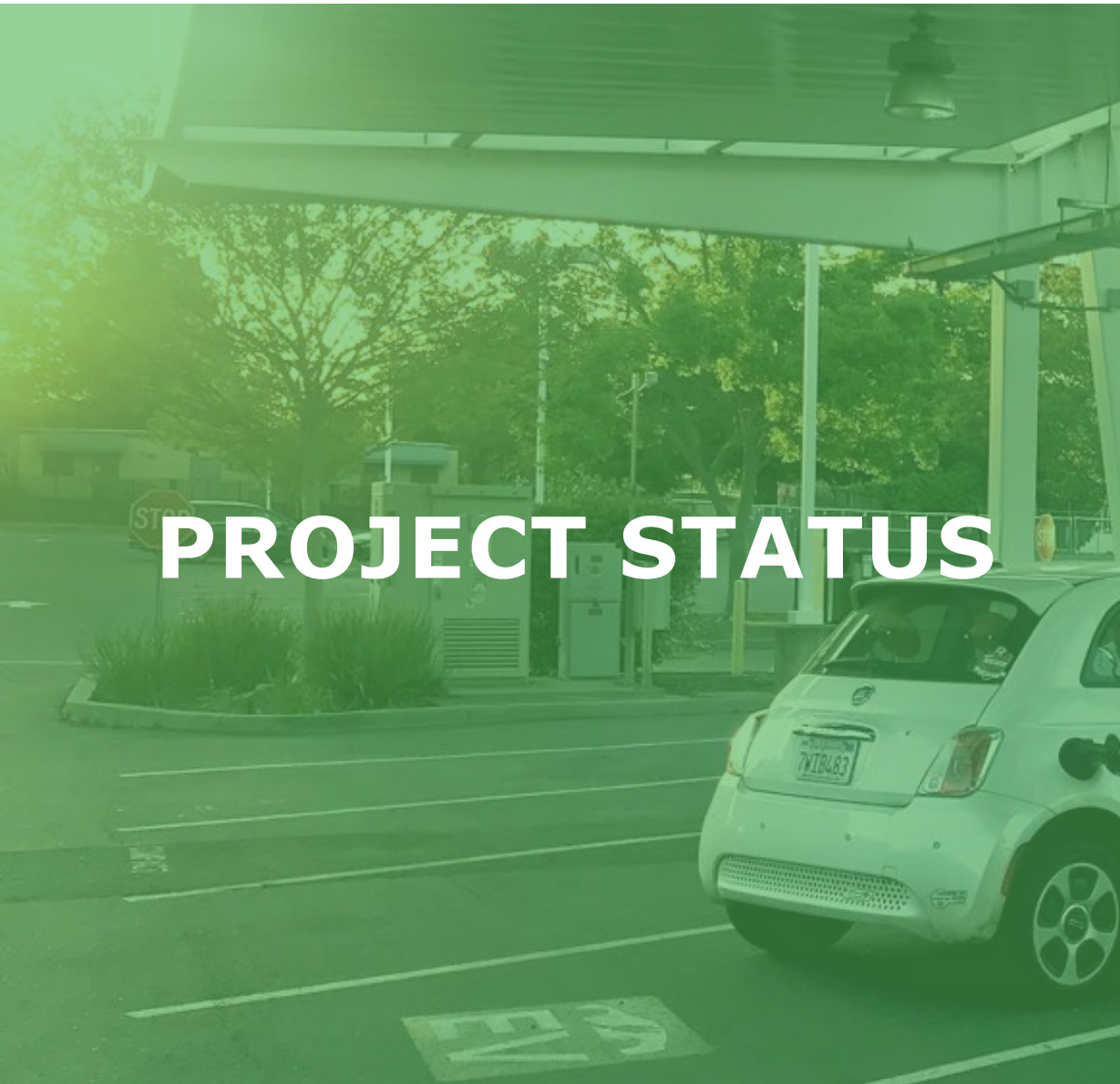
<https://dks.mysocialpinpoint.com/central-coast-zev-strategy-plan#/>



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

Route	Level 2 Plugs	DC Fast Charge Plugs	Tesla Level 2 Plugs	Tesla Supercharger	Hydrogen	Total
Ventura	5	0	3	0	0	8
Santa Barbara	30	54	21	50	1	156
San Luis Obispo	79	4	26	0	0	109
Monterey	33	63	16	28	0	140
Santa Cruz	41	0	5	0	0	46
San Benito	5	0	0	0	0	5
Total	193	121	71	78	1	464

SOURCE: ALTERNATIVE FUELS DATA CENTER

EV CHARGERS BY COUNTY AND NETWORK

Route	Tesla	Tesla Destination	Charge Point	Electrify America	eVgo Network	Other Networks	Non-Networked	Total
Ventura		6					2	8
Santa Barbara	100	42	6		2	3	3	156
San Luis Obispo		45	12		0	52		109
Monterey	56	30	9	8	12	13	12	140
Santa Cruz		10	26			7	3	46
San Benito			4			1		5
Total	156	133	57	8	14	76	20	464

SOURCE: ALTERNATIVE FUELS DATA CENTER

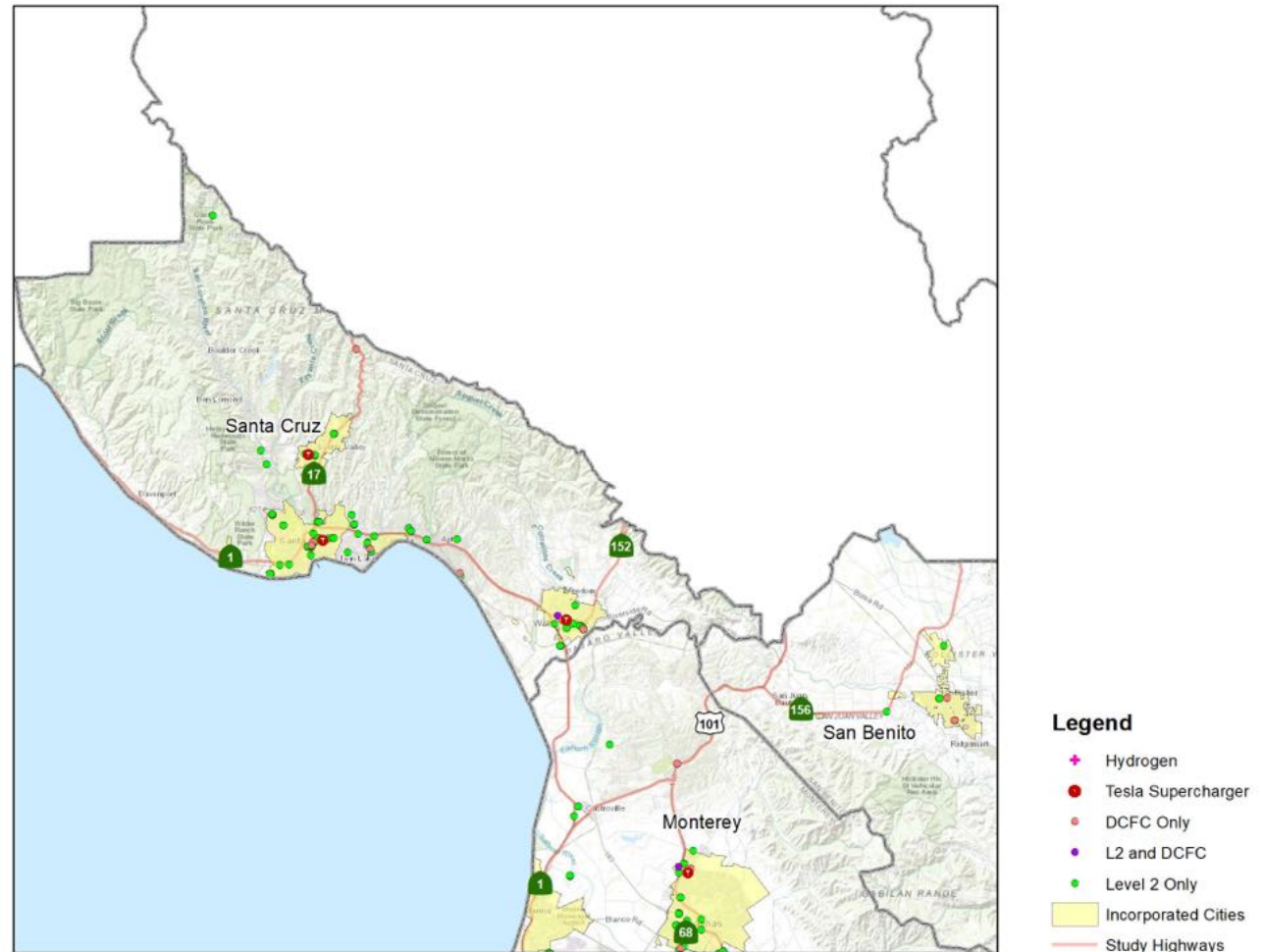
EV CHARGERS BY ROUTE AND LOCATION

Assumptions

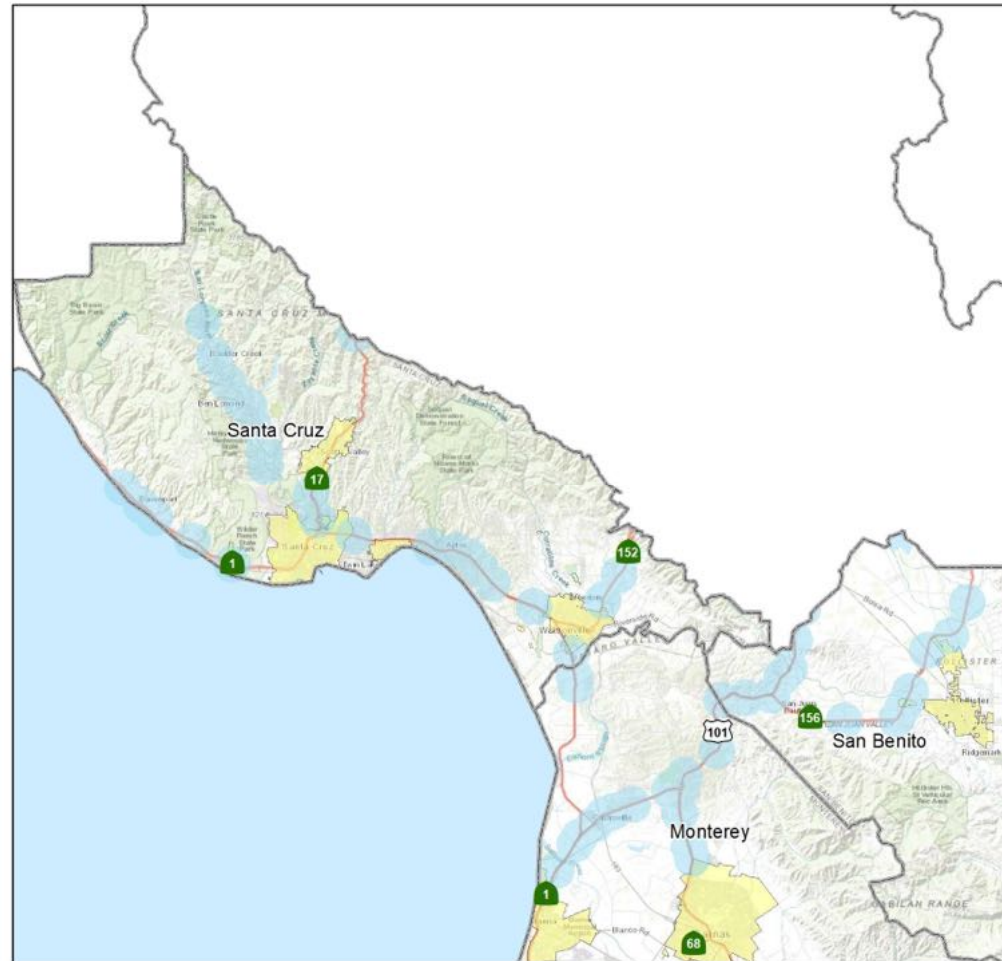
- Chargers within 1 Mile of Study Highway Interchanges and Intersections
 - > 1 mile distance is straight line (as a crow flies)
 - > Includes chargers in Unincorporated areas and Incorporated Cities
 - > Includes Publicly Available Chargers Only

EV CHARGERS

Santa Cruz San Benito Counties



One-Mile Buffers at County Interchanges Santa Cruz San Benito Counties



Legend

- Unincorporated Interchanges - One Mile Buffer
- Incorporated Cities
- Study Highways

NEXT STEPS





CENTRAL COAST
ZEV STRATEGY

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 meeting with key stakeholders)
- Hold Public Workshop
- Draft and final CCEVS plan (Anticipated in Spring 2023)

THANK YOU

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