

Informational Update on Overcoming Barriers to Zero-Emission and Near Zero-Emission Transportation for Low-Income Residents

**Senate Bill 350
Clean Transportation Access Study**

May 25, 2017

California Environmental Protection Agency

 **Air Resources Board**

Overarching SB 350 Goals

Promote widespread transportation electrification

Expand access to clean transportation and energy programs

Reduce petroleum use to meet air quality and climate goals

Stimulate economic and environmental benefits

Statute Requires CARB to:

Identify barriers to clean transportation access for low-income residents

A light blue downward-pointing arrow with a 3D effect, indicating a flow from the first step to the second.

Provide recommendations on how to increase access

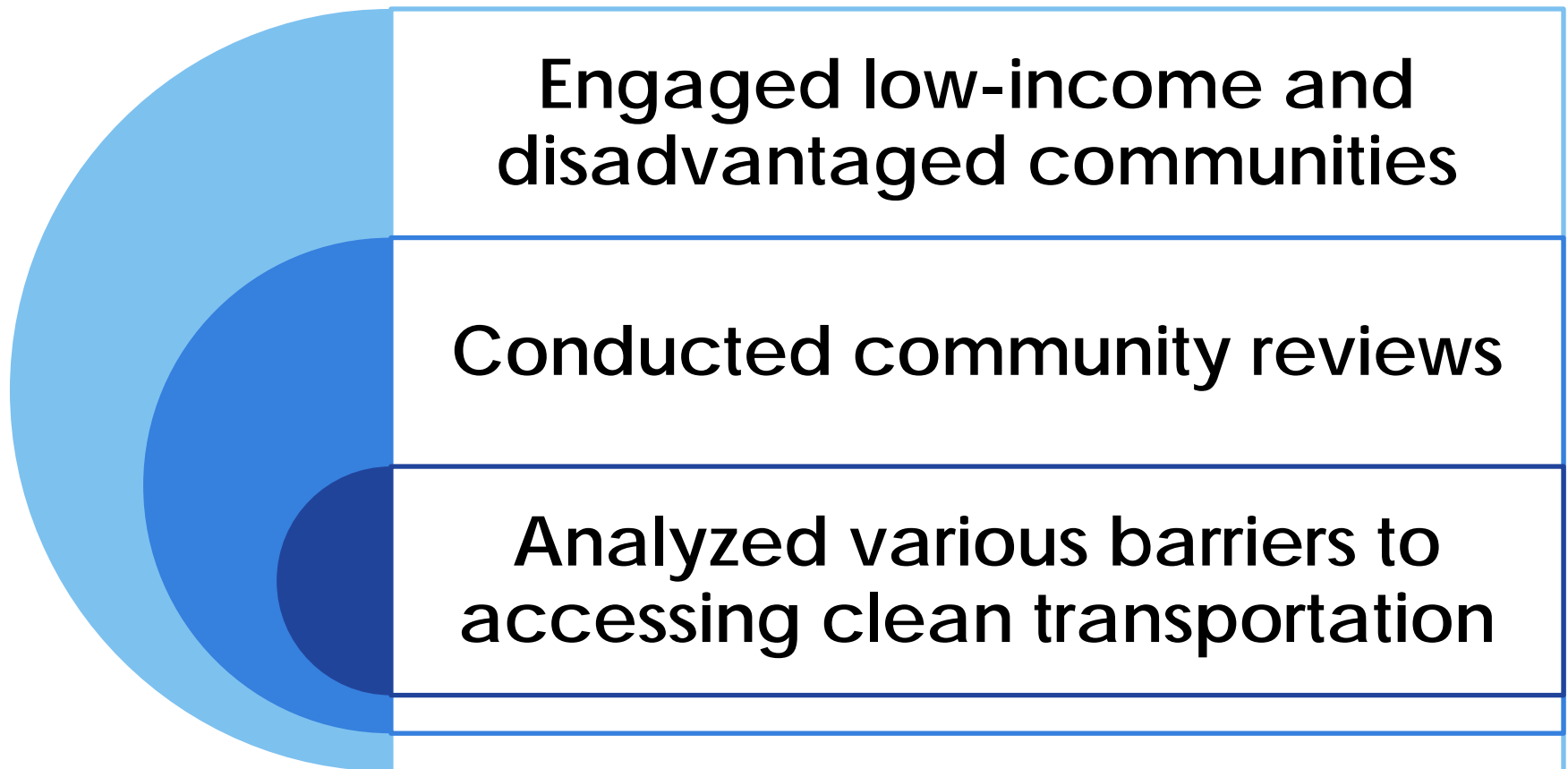
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Support goal of increasing widespread clean transportation

What Clean Transportation and Mobility Options Are Included?



Methods for Assessing Clean Transportation Access Barriers



Public Process: Directly Engaged Low-Income Residents



Ongoing Community Engagement



Ongoing Multi-Agency Coordination

California Environmental Protection Agency
 **Air Resources Board**



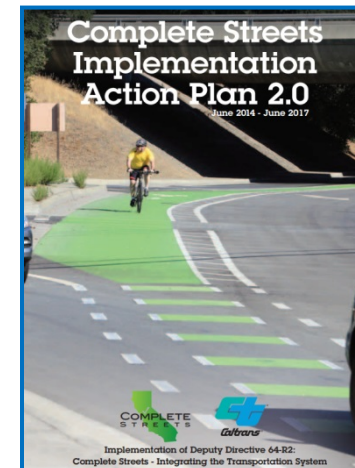
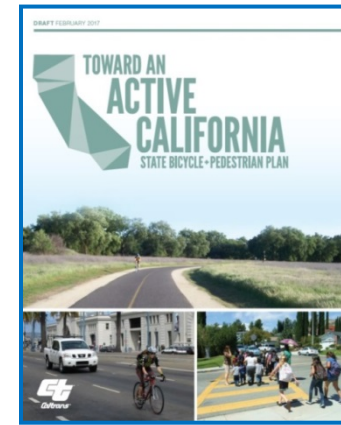
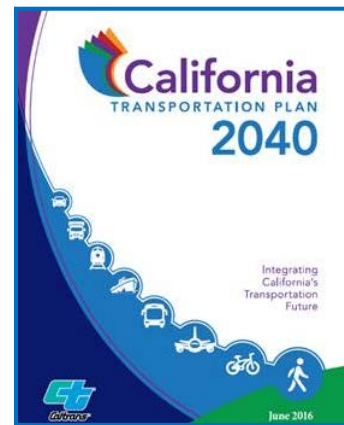
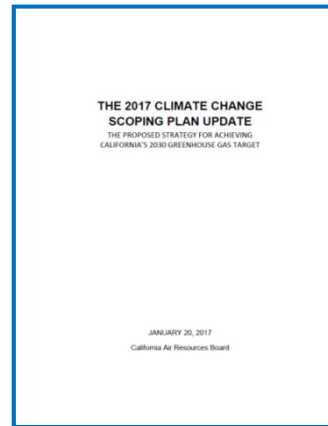
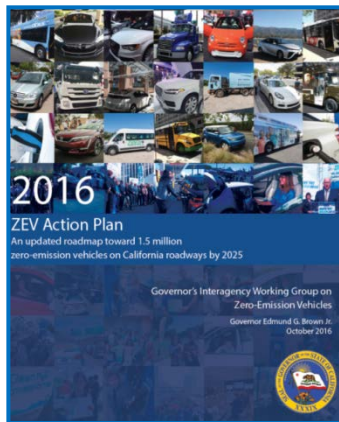
CALIFORNIA
ENERGY COMMISSION



California Department of
PublicHealth 



Current Planning Efforts for Clean Transportation and Mobility Options



Draft Guidance Document Overview

Presents barriers and recommendations to address them

Covers multi-modal clean transportation access

Builds upon current efforts to increase access

Promotes continued evaluation of best practices

Provides a foundation for policy development and investment decisions

Key Barriers to Accessing Clean Transportation

Lack of affordable clean transportation and mobility options

Sustainable, long-term funding needs

Lack of awareness of technologies and mobility options

Transportation needs vary based on demographics and geographic locations

Recommendations to Increase Access for Low-Income Residents

Increase and prioritize funding for clean transportation and mobility options

Expand assessments of low-income resident transportation needs

Increase awareness of clean transportation and mobility options

Maximize economic opportunities and benefits of investments

Increase and Prioritize Existing Funding for Clean Transportation



Transformative Climate Communities

Potential New Funding Opportunities for Clean Transportation Projects

Senate Bill 1 – Transportation Funding

- Increases funds for active transportation, transit, and infrastructure

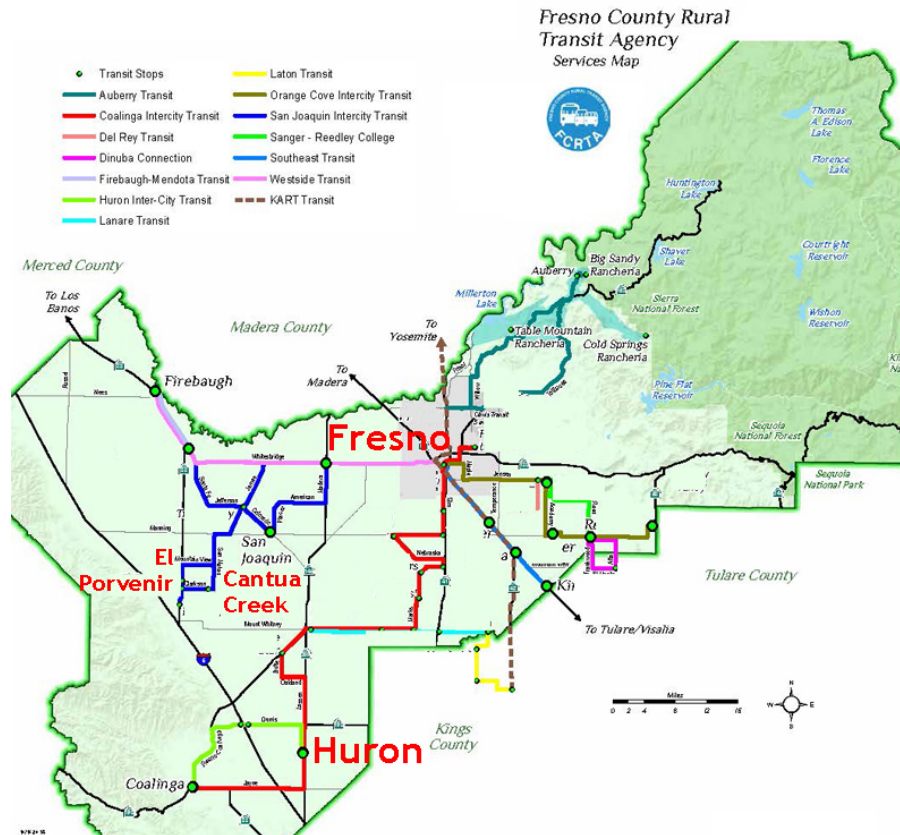
Volkswagen Settlement Funds

- Funds for clean vehicles, awareness, and infrastructure
- Economic benefits anticipated

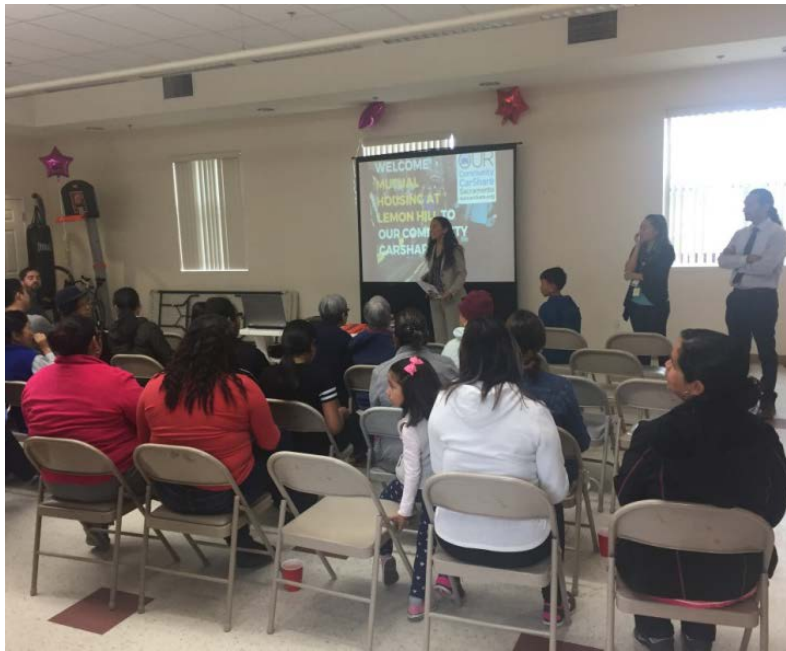
Utility Funding for Infrastructure

- Supports electric vehicle charging at multi-unit dwellings, workplaces, and public interest destinations

Expand Assessments of Low-Income Resident Transportation Needs



Increase Awareness of Clean Transportation and Mobility Options



Maximize Economic Opportunities and Benefits of Investments

Prioritize economic benefits for low-income residents

Expand access to good quality clean transportation jobs and workforce development

Design clean transportation projects based on specific needs of low-income residents

Comments Received to Date

Prioritize recommended actions to be implemented in the next two years

Closely tie to AB 32 Scoping Plan, including a stronger link to emission reductions and health impacts

Prioritize regional one-stop shops for clean transportation and energy programs

Prioritize awareness in schools and youth programs

Emphasize the importance of all clean mobility options, not just light-duty vehicles

* The comment period is ongoing through the Summer

Comments Received to Date (cont.)

Create safe and usable walking and biking paths in communities

Paradigm shift away from single occupancy vehicle trips to leading order of options; reduce vehicle miles travelled

Reduce need for personal transportation by bringing jobs and training into low-income and disadvantaged communities

Allow local agencies flexibility and provide a list of clean transportation and mobility options to choose from

* The comment period is ongoing through the Summer

Governor's Office Convened a Multi-Agency Task Force



Identify near-term priorities and long-term solutions

Determine resources needed for implementation

Identify permanent, long-term funding options

Establish metrics to measure success

Ensure implementation of recommendations

Finalizing Guidance Document and Next Steps

Continue Public Process

- Held public Roundtable May 8
- Return to case study communities
- Continue working with State and local agencies

Incorporate Feedback

- Comments received from the Board, agencies, community groups, and low-income residents
- Anticipate additional feedback through the Summer

Finalize Guidance Document

- Publish later this year

Participate in Ongoing Multi-Agency Task Force

- Held first meeting May 9; future meetings held bi-monthly