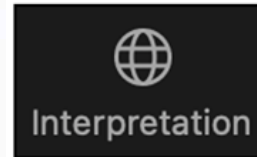


Welcome! ¡Bienvenidos!

Simultaneous interpretation is being provided – English speakers may need to select English as their language.

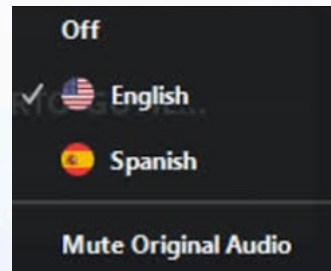
Accessing Zoom from a computer

- Click the globe icon located at the bottom of the screen
- Choose **English**



Accessing Zoom from a smart phone

- Click the **3 dots (more)** on the bottom right side of the screen
- Choose **Language Interpretation**
- Choose **English**
- Press **Done** on the top right side of the screen



Interpretación simultánea al español disponible – los hispanohablantes deben seleccionar su idioma.

Entrando a Zoom por computadora

- Haga clic en el símbolo del globo terráqueo en la parte inferior de la pantalla
- Selecciona **Español**
- Apague el **Audio Original** (para solo escuchar una voz)

Entrando a Zoom por un teléfono inteligente

- Haga clic en los **3 puntos** encima de la palabra **more o más** en la parte inferior derecha de la pantalla
- Selecciona **Interpretación**
- Selecciona **Español**
- Haga clic en **Done** o **Finalizar** arriba y de lado derecho de la pantalla



Fiscal Year 2025-26 Clean Mobility Investments

(aka Sustainable Community-Based Transportation Equity Projects)

Public Workgroup: June 20, 2025

Agenda

Time	Session
9:00–9:10 a.m.	Introduction
9:10–9:20 a.m.	Background on CARB’s Light-Duty Vehicle Purchase Incentive Projects and Sustainable Community-Based Transportation Equity Projects
9:20–10:20 a.m.	Mobility Projects: Overview, Successes, Challenges, and Lessons Learned
10:20–10:30 a.m.	Break
10:30–10:50 a.m.	Budget & Allocations
10:50–11:00 a.m.	Overview of Long-Term Strategy
11:00–11:10 a.m.	Next Steps
11:10–11:40 a.m.	Open Comments & Questions & Answer Session

Background

CARB Light-Duty Vehicle Investments

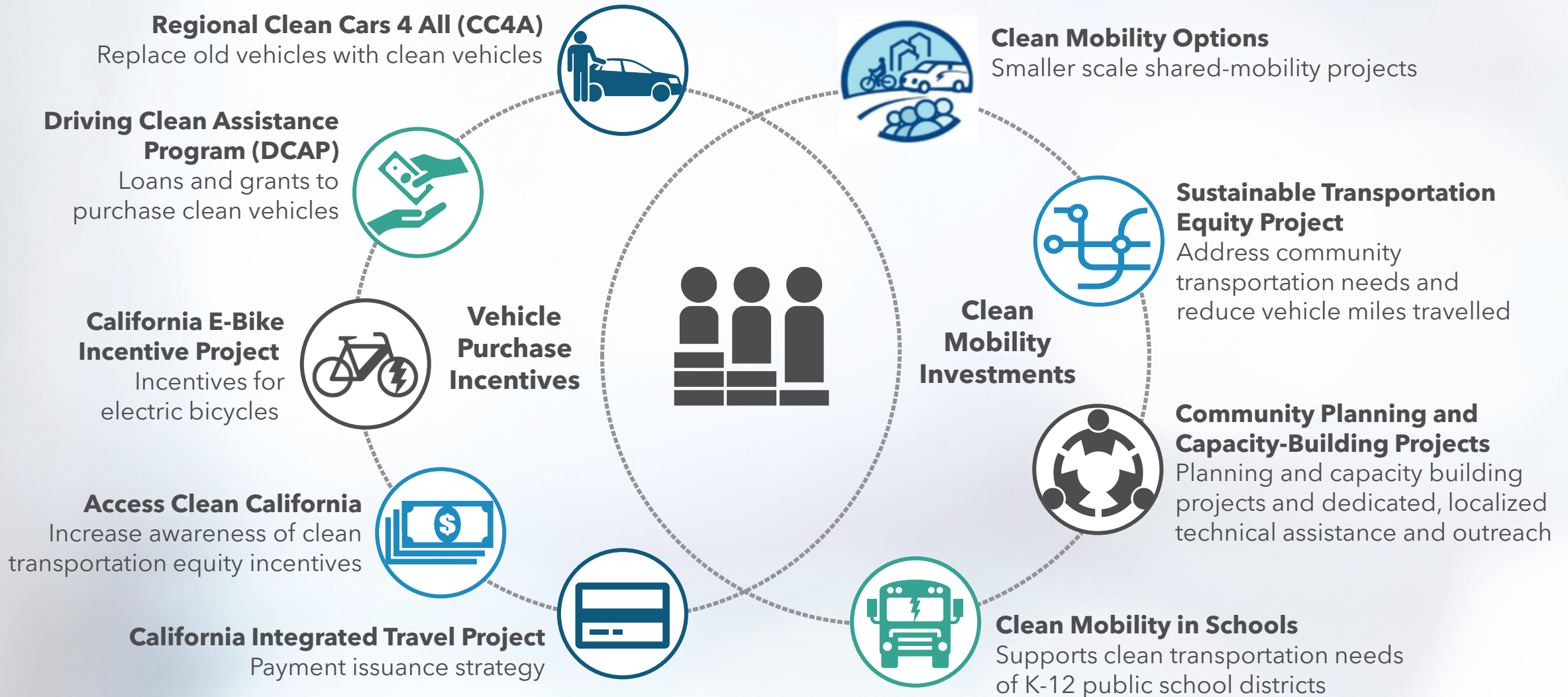
- Vehicle purchase incentives
- Clean mobility investments



Goals

- Accelerate zero-emission vehicle (ZEV) deployment
- For priority population areas:
 - Improve key destination access by increasing options for active and shared mobility
 - Fund community-identified solutions
 - Alleviate environmental harms

Light-Duty Vehicle and Clean Transportation Equity Investments



Mobility Projects: Overviews, Successes & Lessons Learned

Clean Mobility Options (CMO) Projects

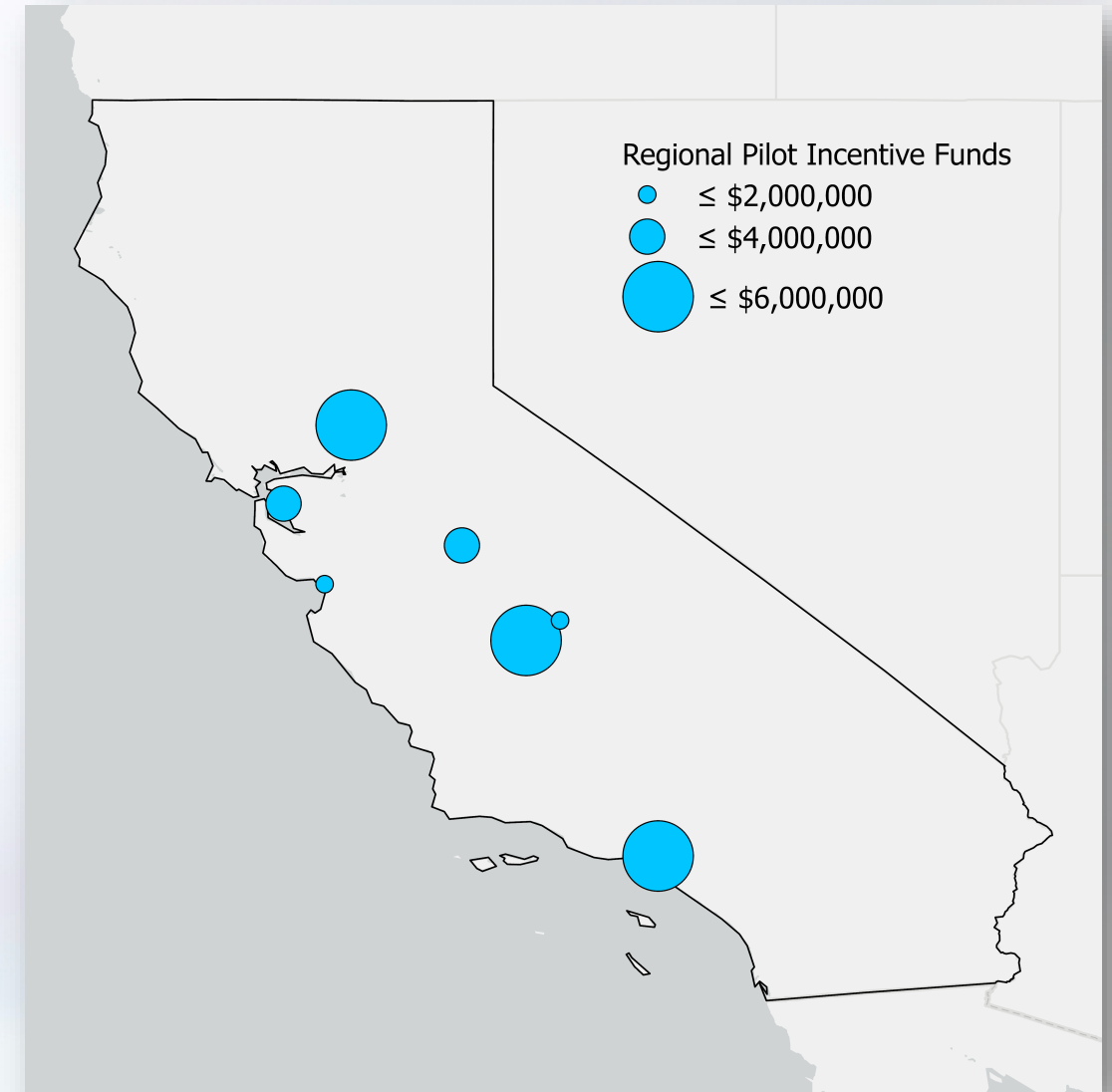
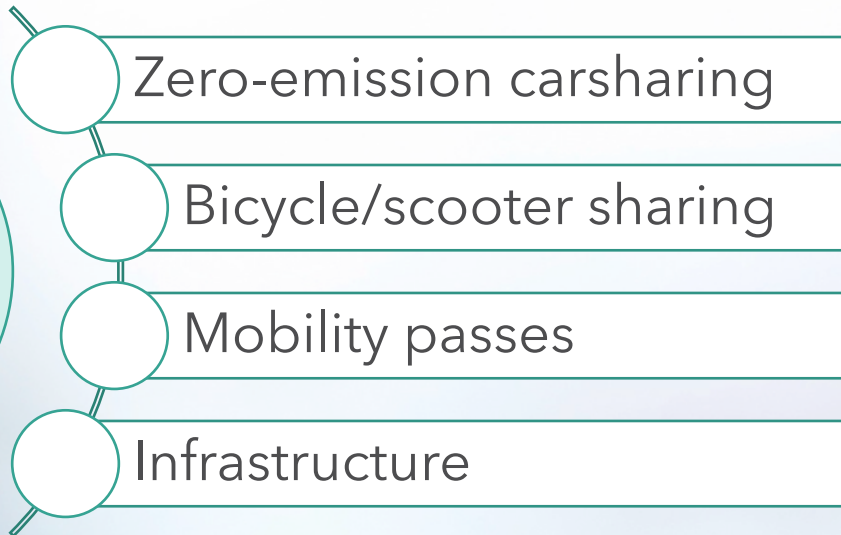
- Regional Clean Mobility Pilot Projects:
 - Seven early pilots providing shared mobility services
- Statewide CMO Voucher Pilot Program:
 - Vouchers for community needs assessments and clean, shared, zero-emission mobility projects
 - Includes the Clean Mobility Equity Alliance (CMEA) network



Regional Pilots Overview

- Project funds allocated: \$23.9 million
- Five regional pilot grants completed
- Two pilots exploring long-term funding models

Regional
Pilots
fund:



Regional Pilots: Successes

- Meet **critical need for affordable and flexible transportation services** and focus on serving households and communities that cannot afford private car ownership
 - Our Community Carshare: Users surveyed reported: 88% faster travel times and 67% expanded travel range due to the carsharing system.¹
 - BlueLA: ~4% of users got rid of a personal vehicle, 30% suppressed the purchase of a personal vehicle, and 10% reduced their personal vehicle driving due to BlueLA.¹



Source: CARB Research Contract 19MSC006, "Climate Smart Communities Consortium Research: Metrics and Evaluation Methodologies for Clean Mobility and Sustainable Transportation Equity Projects"

Regional Pilots: Successes (cont.)

- The availability of carshare **can change people's daily lives and improve their wellbeing** by allowing them expanded access to grocery shopping, medical appointments, and other important errands or social visits.
 - Our Community Carshare: Users who responded to surveys reported an increase in accessibility to essential destinations such as schools (75%), grocery shopping (71%), and health care (69%).¹



Source: CARB Research Contract 19MSC006, "Climate Smart Communities Consortium Research: Metrics and Evaluation Methodologies for Clean Mobility and Sustainable Transportation Equity Projects"

Regional Pilots: Challenges and Lessons Learned

- Regional Pilots' carshare providers often struggled to generate revenues that covered capital and operating costs.
 - Tiered rates for different communities of consumers
 - Siting of vehicles and chargers in different locations
- Our Community Carshare:
 - Balances revenues and costs with a combination of subsidized hourly rates for program members and market rates for non-members.



Regional Pilots: From the Community

From the Our Community Carshare (OCCS) Final Report:

“Most members who responded to a post-trip survey answered that **they would not have been able to make a trip if an OCCS vehicle was not available.**

Survey results reported that the majority of members (> 60%) used OCCS services **to access groceries and household goods**, and 35% of those members did not have access to a vehicle prior to OCCS. OCCS is serving a critical need, and members want transportation services to be maintained.”

Statewide CMO Overview

- Project funds allocated: \$64.2 million
- 38 mobility projects, 21 launched and active

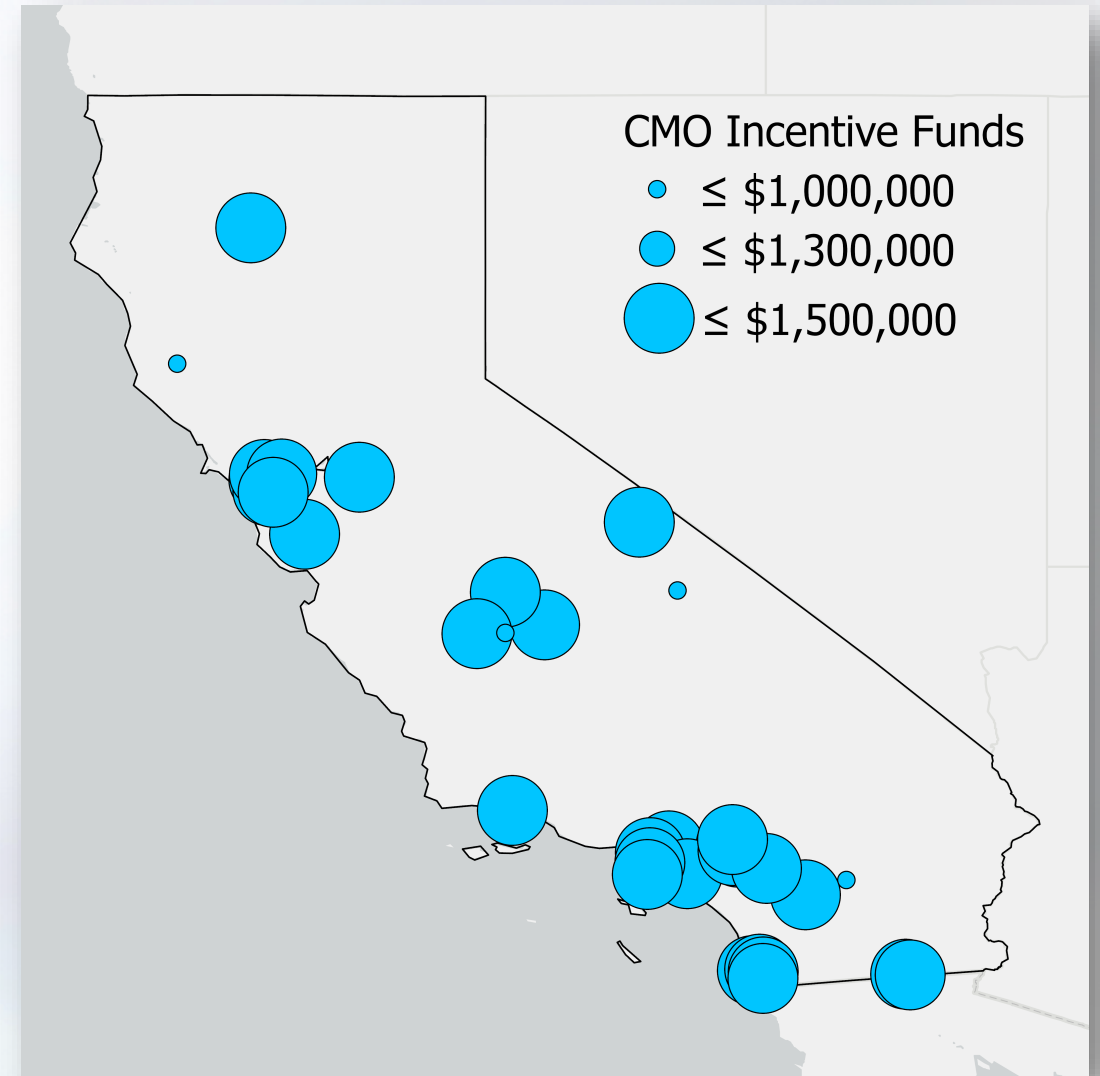
Statewide
CMO
funds:

Zero-emission carsharing

On-demand shuttles

Bicycle/scooter sharing

Carpooling/vanpooling



CMO Program Administrator Team



SHARED-USE
MOBILITY
CENTER

heartquist strategies
COMMUNICATIONS & PUBLIC RELATIONS

emergent
labs

CMO: Successes

- **CMO has increased mobility and accessibility** for the communities served:
 - 28% of survey respondents who used CMO services do not have access to a private vehicle.

Redding Bikeshare

2,631 unique users

5.57 trips per user on average

Chula Vista Free Electric Shuttle

Door-to-door mobility for ADA and non-ADA passengers

>29,000 trips for more than 275 users

CMO: Successes (cont.)

- Provide people living in “food deserts” with **access to vehicles for grocery shopping** and other shopping.
 - Surveys show that 32% of CMO trips are to get groceries or to run errands.
- As of 2024, **120 jobs have been created** because of CMO.



CMO: Successes – Data

(from 12 operational projects)

Metric	Carshare	Microtransit	Bikeshare
% of users that have no access to a private vehicle	21%	51%	12%
Average Household Income (user-reported)	\$56,000	\$34,000	\$35,000
Clean miles traveled	6,643	104,947	25,763
# of reservations/trips	190	29,936	5,608
# of unique users	21	1,870	698
# of trips	544	226,343	22,429
Metric tons of CO ₂ -equivalent emissions	1.0	*	1.6

*CO₂ reductions expected to improve as project charging infrastructure comes online.

CMO: Challenges and Lessons Learned

- Project delays due to vehicle procurements
 - Flexible approaches to launch with a partial fleet
 - Procuring used vehicles due to availability
- Unforeseen costs slow charging infrastructure
 - **Proactive site assessment** and **engagement** with permitting agencies
- High insurance costs impacts smaller operators
 - Need for more flexible requirements
 - **Cooperative model** in development
- Importance of **financial and long-term** sustainability support

CMO: Challenges and Lessons Learned (cont.)

- Theft and vandalism, most significant to bikeshare
 - Projects adopting **bike library/long-term lending models**
- Staff turnover creates gaps in institutional knowledge
 - **Cohort facilitators** help bring new members up to speed
- Partnership challenges among project teams
 - Prioritize **community co-ownership models**, create a **contingency/exit plan**
 - Mobility Directory developed by the administrator
- Unique challenges faced by rural and tribal communities
 - Tailored approaches needed to ensure **equitable access**

CMO: From the Community



Planning & Capacity Building Overview

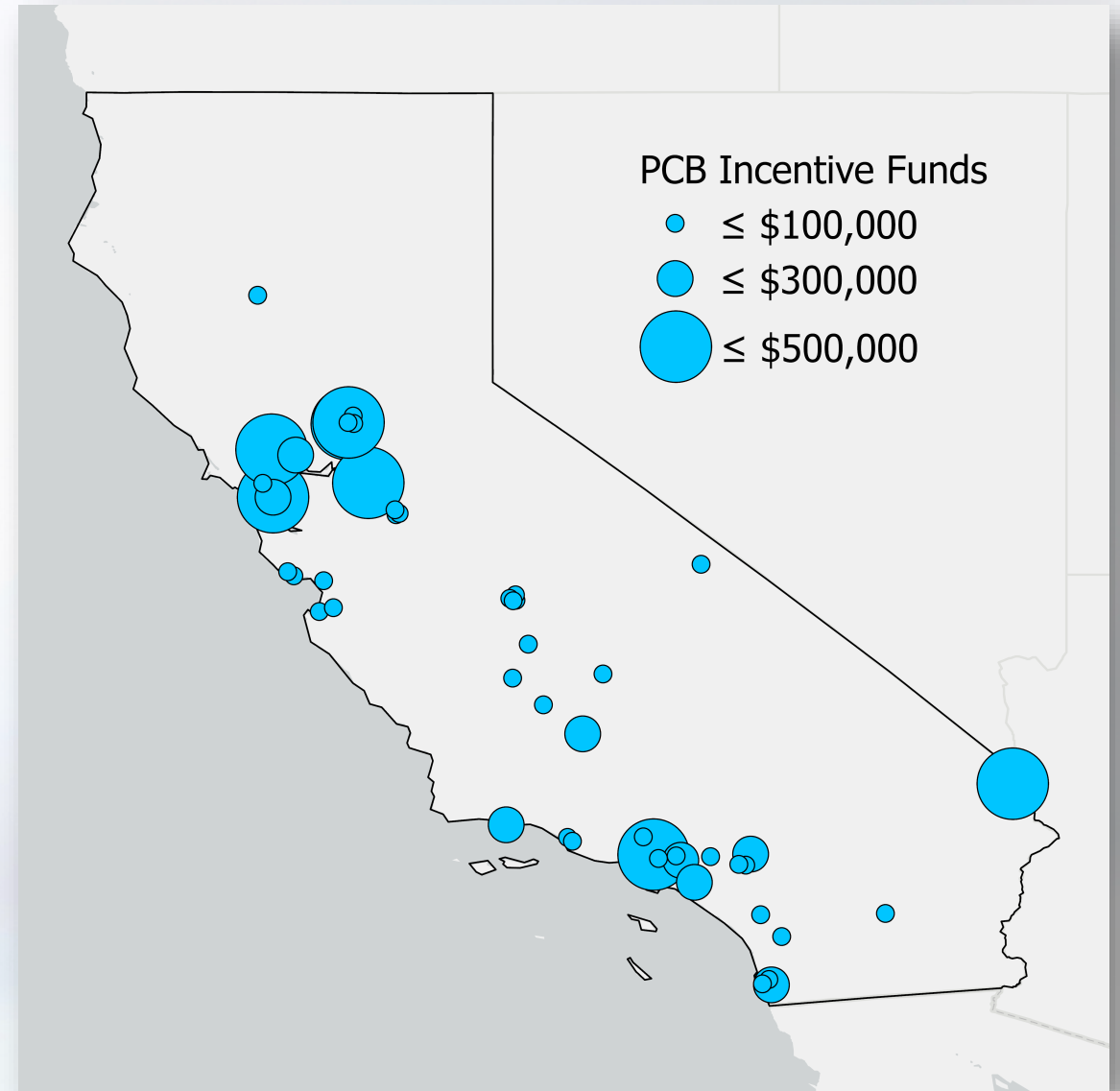
- Project funds allocated: \$14.5 million
- 15 planning grants (7 active)
- 36 transportation needs assessments, 30 completed

Planning grants fund:

Community transportation needs assessments

Community engagement

Workforce training and development



Planning & Capacity Building Administrator Team



DATA *for* **SOCIAL GOOD**

Addressing the needs of a diverse electorate.



INSTITUTE FOR
**Sustainable
Communities**



MOMENTUM

Planning Sets Communities up for Success

City Heights & Omnitrans

Leveraged Planning efforts to carry on their work through implementation grant **funding**



Isla Vista *“Produced a comprehensive and **actionable** Mobility Plan, grounded in community input and technical analysis.”*

Circle of Life Development Foundation

*“Efforts invested into this project have been and will continue to support the work that we are doing in **partnership** with the City of Bakersfield under the Transformative Climate Communities.”*

Planning: From the Community

- **Effective capacity building** helps communities independently compete for future funding and implement projects.
- Emphasizing **cross-sector connections** to project teams fosters greater community trust and participation.
- Actively **involving and advocating for those often excluded** from transportation planning processes creates a pathway to empowerment and improvement of living conditions being paved.

Planning: Challenges and Lessons Learned

- Collecting & analyzing data is often challenging
 - Partnered with an Administrator Team with **data collection expertise**.
- Time and scope modifications are common, and **flexibility is crucial** for project success.
- Technical assistance supports **coordinated community action** and facilitates **collaborative opportunities**.
- Grantees need **dedicated tools and resources** to minimize the administrative burden of grant management.

Upcoming Planning Request for Applications

- Draft requirements underway for public and tribal government input
- \$7.3 million available
 - 15+ community-led projects
 - Up to \$500,000 for each project
- Application support available
- Interest survey tinyurl.com/PCBRFA24-25

Planning RFA interest survey



Sustainable Transportation Equity Project Overview

- Project funds allocated: \$77.9 million
- 11 implementation grants

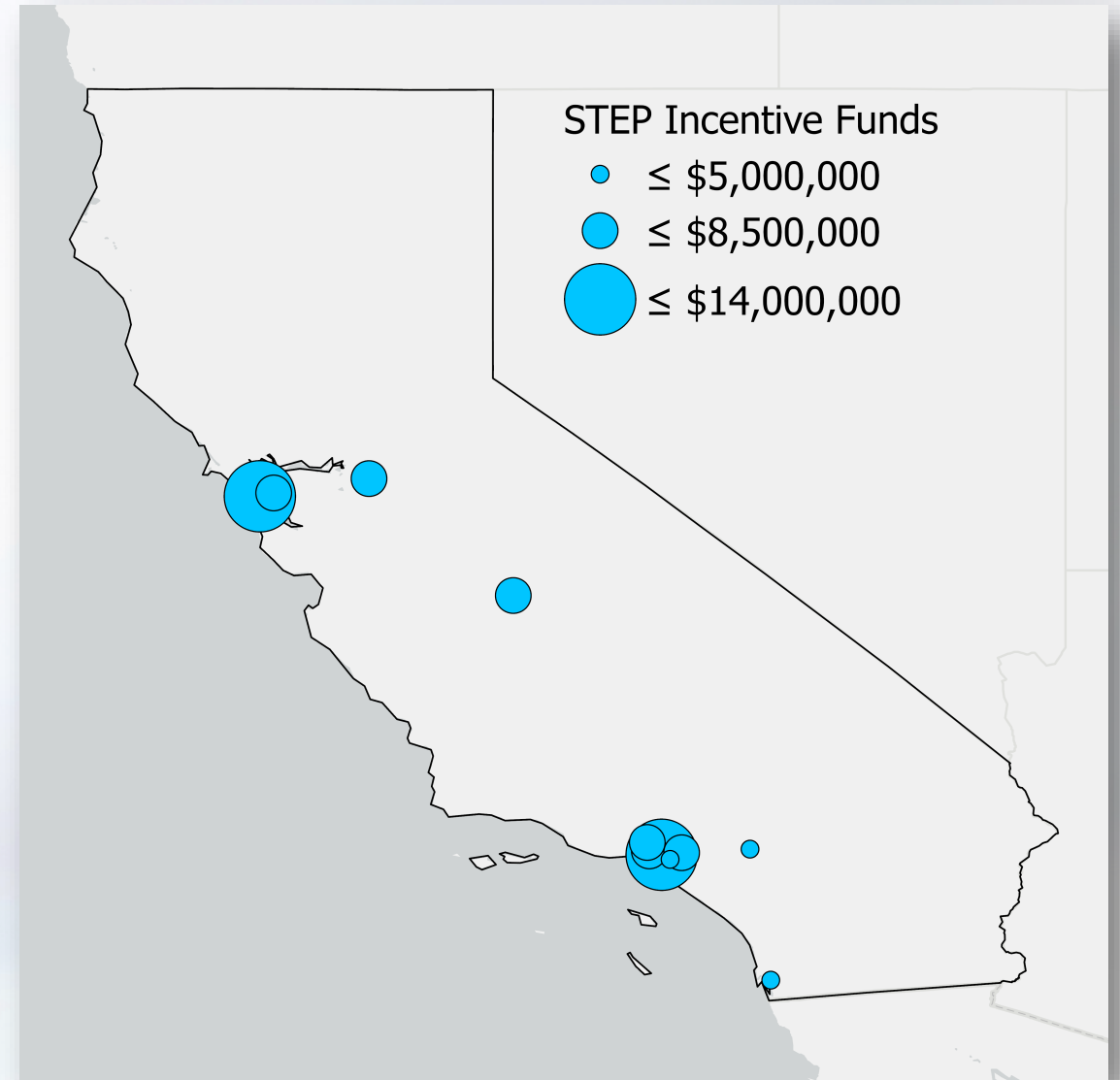
STEP
grants
fund:

Public transit and shared mobility

Active transportation
infrastructure

Urban greening and
neighborhood placemaking

Land use planning, housing
policy, workforce development



STEP Successes: West Oakland

CBO-local government
partnerships overcome
administrative barriers



Coordinated projects
holistically tackle criteria
pollutants, GHGs, and VMT

Synthesizing community
knowledge and quantitative
data



STEP Successes: City Heights CDC

FY19 Planning
Grant



FY23 STEP
Grant



Linking affordable
housing, active
transportation, and transit
at neighborhood scale

Empowering CBOs
in relationships with local
government



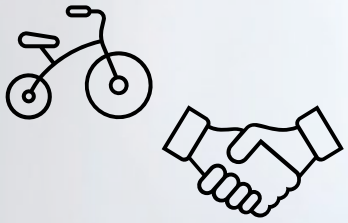
*"It took a lot of effort to get the City to support this project. Now that the funding is there, it's a totally different relationship. They're like, how can we support the project? What can we do to speed things up? **It empowers grassroots community-based organizations to be in a different position when speaking to local government.**"*

Jesse Ramirez, City Heights CDC



STEP Successes: Stockton Mobility Collective

Reduced 1,870 metric tons of CO₂e and 3.4 million vehicle miles traveled



Workforce development: 6 of 8 paid bike- and carshare fellows offered long-term positions

California Association of Councils of Governments 2025 Eureka! Award for creative leadership and thinking



STEP: From the Community



STEP: Challenges and Lessons Learned

- Smooth application process
 - **Two-phase approach**
 - Third-party **technical assistance**
- Support grantees navigating diverse contracting processes
 - **Close coordination with grantees** starting in pre-grant phase
- Standardize and streamline processes to allow grantees to focus on implementation
 - Online "**Grantee Hub**" with implementation guides and templates

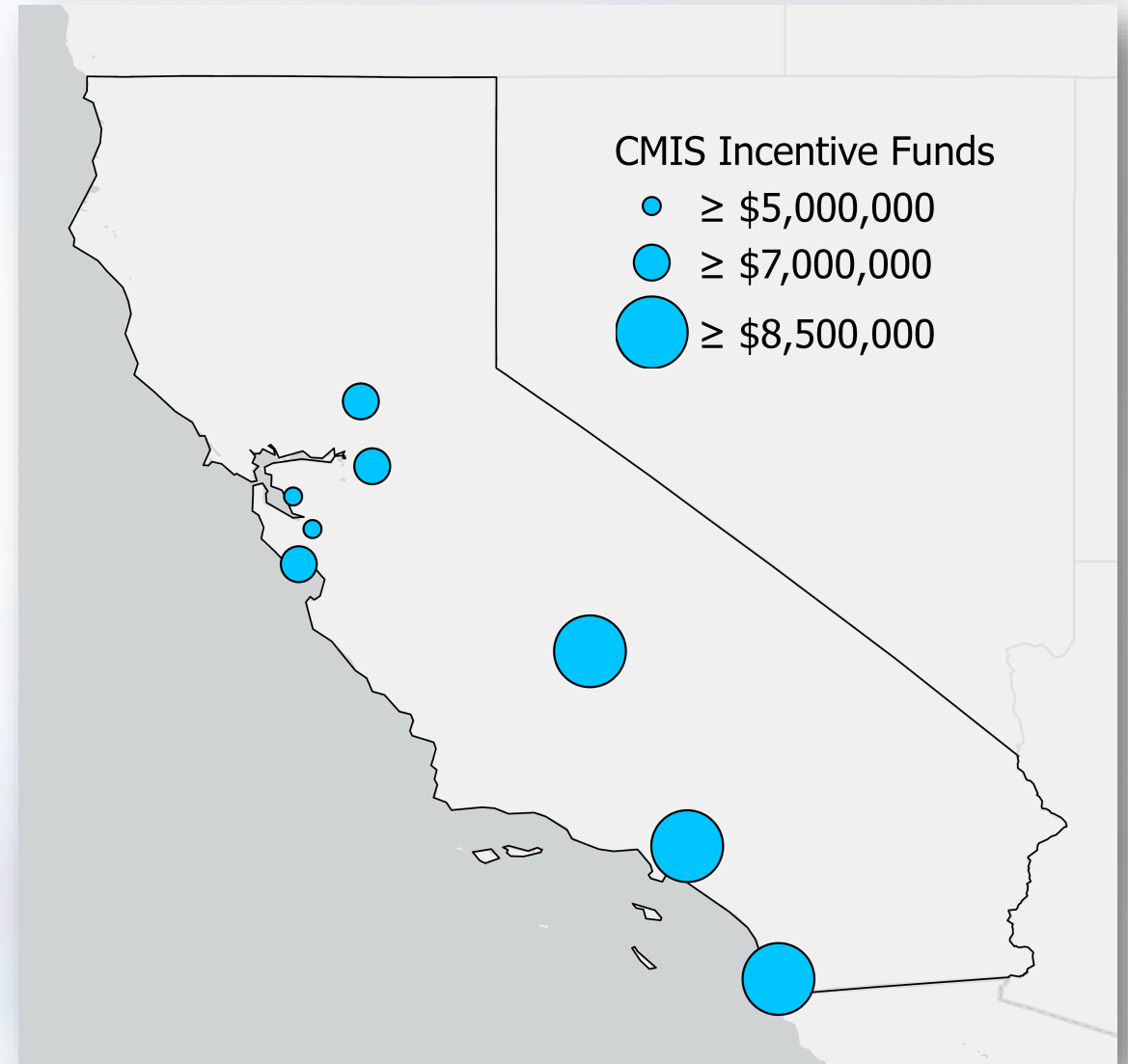
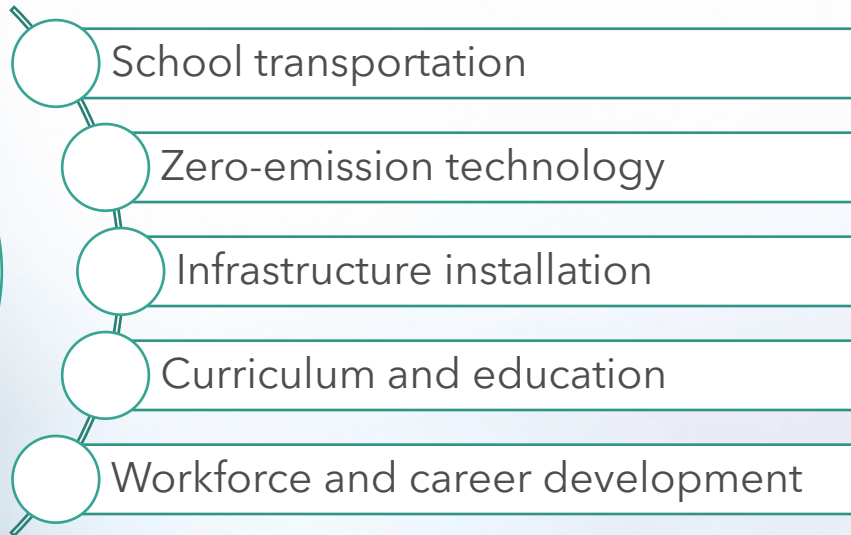
STEP: Challenges and Lessons Learned (cont.)

- Support grantees navigating implementation challenges (vehicle procurement, vandalism, data collection)
 - **Ongoing engagement** to provide CARB assistance
- Prioritize sustainability of investments
 - **Steer Report**: guidance for ongoing funding
 - Value of **building institutional connections**
- Capture and communicate project benefits
 - Contract to **improve quantification of benefits** of coordinated investment approach

Clean Mobility in Schools Overview

- Project Funds Allocated: \$62.1 million
- 8 grants funded, 3 complete and 5 ongoing

Clean
Mobility in
Schools
funds:



CMIS: Successes

- Trainings on how to service new zero-emission vehicles and other grant-funded equipment – **bring new skills and unlock opportunities.**
 - Bus driver trainings on 39 electric school buses
 - Landscape and custodial trainings on 110 pieces of electric versions of equipment/vehicles
 - Students trained for “energy patrol” at 56 schools
 - E-Bike trainings: 15 students and 15 staff attendees at San Diego's pilot lending library



CMIS: Successes (cont.)

- **Zero-emission and clean technologies on display** for students, teachers, families, and the community.
 - Community and Press Events: Teach and celebrate success of clean mobility
 - Over 50 students toured new school bus infrastructure
 - Events exposed students to career options that align with CMIS projects ("Career Technical Education" connections and pathways)



CMIS: Successes on the Horizon

- Trainings:
 - Bike mechanic apprenticeships (paid)
 - Transportation ambassadors (Promotores)
 - Crossing guard training
 - Student interns on electric vehicle and mobility evaluation and reporting
- Zero-emissions vehicles and technology on display:
 - Traffic gardens
 - Viva Escuela events
 - Ride & drive events
 - Walk & roll to school events
 - Open streets events

CMIS: Challenges and Lessons Learned

- Begin battery electric school bus service with a few school buses to **identify operational challenges** before full deployment.
- **Prioritize training** for use of new technology and clean mobility concepts.
- Engage with grantees and technology providers to **understand the larger market conditions** and plan projects accordingly.
- **Identify and support** student and parent advocates for program success.

CMIS: From the Community



Comments and Questions on Background and Overviews, Successes, Lessons Learned



Raise your hand or use the raised hand function (#2 if calling in by phone)



Please state your name and affiliation, if any, before asking a question or making a comment



You may also email questions to CleanTransportationIncentives@arb.ca.gov

Break
Return at 10:30 a.m.

Budget & Allocations for Mobility Projects

Fiscal Year 2025-26 Proposed Budget (millions)

Project Category	Air Quality Improvement Fund
Medium- and Heavy-Duty Zero-Emission Projects	-
Air Quality Improvement Program ¹	\$35
Total Proposed Funding = \$35 million	-

- **Cap-and-Invest Strategy** (formerly Cap-and-Trade) (Greenhouse Gas Reduction Fund)
 - Governor proposed to prioritize High-Speed Rail and Wildfire Prevention and Control
 - Prior to Sept. 15: legislature to determine Greenhouse Gas Reduction Fund full scope
- **No proposed funding:** individual & community mobility or medium- & heavy-duty incentive projects
 - Assembly Bill 100 appropriation: Regional Clean Cars 4 All = additional \$17 million

¹ Only for medium- and heavy-duty projects (California Health & Safety Code, Section 44274.(a))

Recap: Fiscal Year (FY) 2023-24 Funding Allocations for Mobility Projects (millions)

(no funding allocation in FY 2024-25)

Projects	Clean Mobility Options	Clean Mobility in Schools	Sustainable Transportation Equity Project	Planning and Capacity Building	Subtotal
Mobility Projects	\$16.7	\$16.7	\$16.7	–	\$50
Planning & Capacity Building	–	–	–	\$10	\$10
Total	\$16.7	\$16.7	\$16.7	\$10	\$60

Past Funding Demand

The demand for **Clean Mobility Options** funding has always exceeded the amount of funding available.

Regional Pilots	CMO Statewide Voucher Pilot Project
Car Sharing and Mobility Options Pilot Project Solicitations	Community Transportation Needs Assessments
2014-15: 13% of applications funded (\$16 million requested; ~\$2 million awarded)	2020 Window 1: 60% of applications funded (\$1.9 million requested; \$1.15 million funded)
2016-17: 26% of applications funded (\$21.5 million requested; ~\$5.5 million awarded)	2022 Window 2: 41% of applications funded (\$2.9 million requested, \$1.2 million funded)
	Mobility Project Vouchers
	2020 Window 1: 61% of applications funded (\$32 million requested; \$19.5 million funded)
	2023 Window 2: 40% of applications funded (\$62 million requested, \$24 million funded)

Past Funding Demand (cont.)

The demand for **Clean Mobility in Schools (CMIS), the Sustainable Transportation Equity Project (STEP), and Planning and Capacity Building (Planning)** funding has always exceeded the amount of funding available.

CMIS	STEP	Planning
2019: 41% of applications funded (\$60 million requested; \$24.6 million awarded)	2020: 18% of applications funded (\$109 million requested, \$19.5 million awarded)	<i>Prior to 2023, planning grants were funded through STEP and CMO Community Transportation Needs Assessments.</i>
2023 Joint Solicitation: Combined CMIS/STEP applications 30% of applications funded (\$207 million requested, \$62.9 million awarded)		2023: 36% of applications funded (\$9.2 million requested; \$3.3 million awarded)

Input on Future Funding Allocations across Mobility Projects

Questions:

- Pending a future total allocation for the Sustainable Community-Based Transportation Equity Projects:
 - Should funding be split among the projects similar to last allocation?
 - If not, what should CARB take into consideration as funding splits between projects are considered and proposed?
 - Should more funding go to planning grants than has in the past?
- Are there any other recommendations or requested topics for discussion related to funding allocations for mobility projects?

Comments and Questions on Budget Allocations



Raise your hand or use the raised hand function
(#2 if calling in by phone)



Please state your name and affiliation, if any, before asking
a question or making a comment



You may also email questions to
CleanTransportationIncentives@arb.ca.gov

Long-Term Plan for Light-Duty Vehicles and Clean Mobility Projects

- Update to the three-year projection estimates for clean mobility investments following Senate Bill 1275
- Previous methodologies based on:
 - Historical funding requests and investment gaps
 - Assessment of current project needs and demands
 - Scalability, sustainability, capacity and resources
- Future focus on:
 - Maintaining current project funding levels
 - Funding needed to increase project implementation

Next Steps

Future Mobility Workgroups

- **Two upcoming Clean Mobility Investments Public Workgroups**
(as part of the 2025-26 Funding Plan development process)
 - **Mobility Workgroup 2:** July 31, 9:00 a.m. - 12:00 p.m. (tentative)
- **Mobility Implementation Workgroups**
 - Occur after the Board has approved the 2025-26 Funding Plan
 - Dates, times, and topics to be determined

Mobility Workgroup 2 - July 31, 9am - 12pm

Anticipated CARB Staff Presentation Topics

- Research contracts and evaluations, outcomes, and policy recommendations for CARB
- Mobility projects feedback and improvements
- Technical assistance, collaboration, and networking efforts
- Financial sustainability challenges and needs
- Mobility Marketing Plan

Discussion/Feedback Topics

- Project-specific policy topics

Comments and Questions for Open Discussion



Raise your hand or use the raised hand function (#2 if calling in by phone)



Please state your name and affiliation, if any, before asking a question or making a comment



You may also email questions to
CleanTransportationIncentives@arb.ca.gov

Contact Us

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[One-on-One Meeting Request Form](#)