

# Investment Options: Climate Initiatives Program



ASSOCIATION OF BAY AREA GOVERNMENTS  
METROPOLITAN TRANSPORTATION COMMISSION

**Joint MTC Planning Committee with the ABAG Administrative Committee  
September 9, 2022**



# Plan Bay Area 2050

19% per-capita GHG Emissions Reduction  
CARB Target



Credit: Peter Beeler

## FOUR ELEMENTS OF THE PLAN



- **Transportation** Strategies
- **Housing** Geographies & Strategies
- **Economic** Geographies & Strategies
- **Environmental** Strategies



# PBA2050 Environmental Strategies



Tackle climate change by electrifying vehicles and reducing auto trips

- Expand Clean Vehicle Initiatives (EN8)
- Expand Transportation Demand Management Initiatives (EN9)



# Climate Initiatives Program Funding Estimates

- *Focus on GHG Reduction* - Significant investment in clean vehicles, charging infrastructure, and transportation demand management programs, including parking

OBAG3	Carbon Reduction Program (formula-based through Bipartisan Infrastructure Law)	Total FY22- FY26
\$ 53M*	~ \$60M	~ \$113M
* Includes \$9M OBAG2 balance		

## BIPARTISAN INFRASTRUCTURE LAW



Source: FHWA



# Overview of Proposed Programs

Program Category	PBA 2050 Strategies	Implementation Plan Actions	Co-Benefits	Investment Recommendation
Mobility Hubs	EN9, T3, T8	Environment: 11(b), (c), 11(e) Transportation: 7(a), (c), (d), 8 (g)	TOC Policy, Complete Streets Policy, CBTPs	\$33M
Electric Vehicles/ Infrastructure	EN8	Environment: 11(b), (c), 11(e)	Air District Charge! and Clean Cars for All programs	\$65M
Parking	EN9	Environment: 11(b), (c), 11(e)	TOC Policy, Complete Streets Policy	\$15M
			<b>TOTAL</b>	<b>\$110M</b>



# Mobility Hubs Program

- **Mobility hubs** = community anchors that enable travelers of all backgrounds and abilities to access multiple transportation options - including shared scooters, bicycles and cars, and transit - as well as supportive amenities in a cohesive space
- **Mobility Hubs Implementation Playbook** offers a menu of tools for Bay Area communities and transportation agencies to advance mobility hubs from concept and planning to implementation and management



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**STRATEGY T3**  
SEAMLESS  
MOBILITY

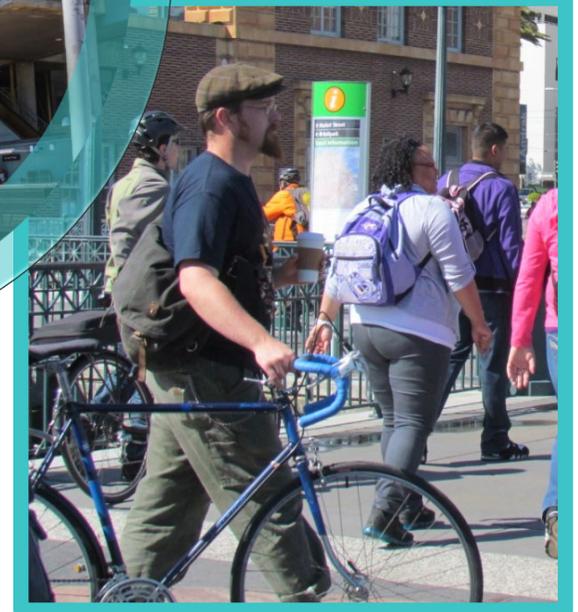
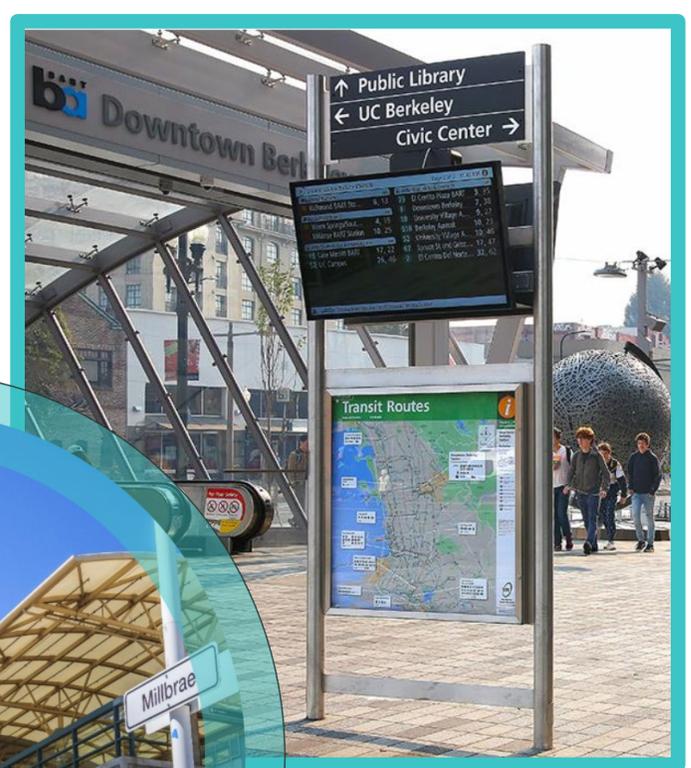
**STRATEGY T8**  
COMPLETE  
STREETS

**STRATEGY EN9**  
TRANSPORTATION  
DEMAND  
MANAGEMENT



# Mobility Hubs Program

- Pilot launched September 2021
- 7 projects funded - \$2.7 million
  - Variety of Mobility Hub typologies
  - Anchor services, including local bus, regional rail, ferry, bikeshare and carshare
  - Quick build and permanent construction
  - PDAs, Equity Priority Communities, High Resource Areas
- Investment direction: expand program - increase grant size and number of projects funded





# Parking

- Advance implementation of jurisdiction parking management strategies
- *Planning support* for jurisdictions to pursue parking management strategies outlined in *MTC's Parking Playbook*, as well as comply with *MTC TOC Policy* parking requirement
- **Capital support** for parking management implementation (acquisition/installation of equipment (i.e. smart meters, enforcement tools, software, etc.)





# Parking

- Letter of interest issued in July (due September) to inform development of grant program for local parking capital needs
- Investment Direction:
  - Enhance/release parking technical assistance planning support grant program
  - Update/release parking capital grant program
  - Focus on advancing and implementing parking management strategies outlined in the Playbook





# Electric Vehicles/Infrastructure

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STRATEGY EN8  
CLEAN VEHICLES

- Accelerate investment in clean vehicles and charging infrastructure
- Previous (OBAG2) investments included support for Bay Area Air Quality Management District existing programs
  - Clean Cars for All
  - Charge!
- CARB Grant - Clean Mobility Options
  - Includes EV carshare/charging infrastructure
- Investment direction: expand MTC investment in clean vehicle and charging infrastructure through grant program support of local electrification needs



Credit: First Community Housing



Credit: City of Richmond



Credit: Noah Berger



# Transportation Electrification – Letter of Interest

- To inform anticipated investments, staff issued a Transportation Electrification Letter of Interest (LOI) in June
- Distributed to public agencies, including local jurisdictions, county transportation agencies, and transit agencies
- Looking for identification of local needs, as well as barriers to implementation
- Responses could also inform Mobility Hub implementation



Photo credit: Noah Berger

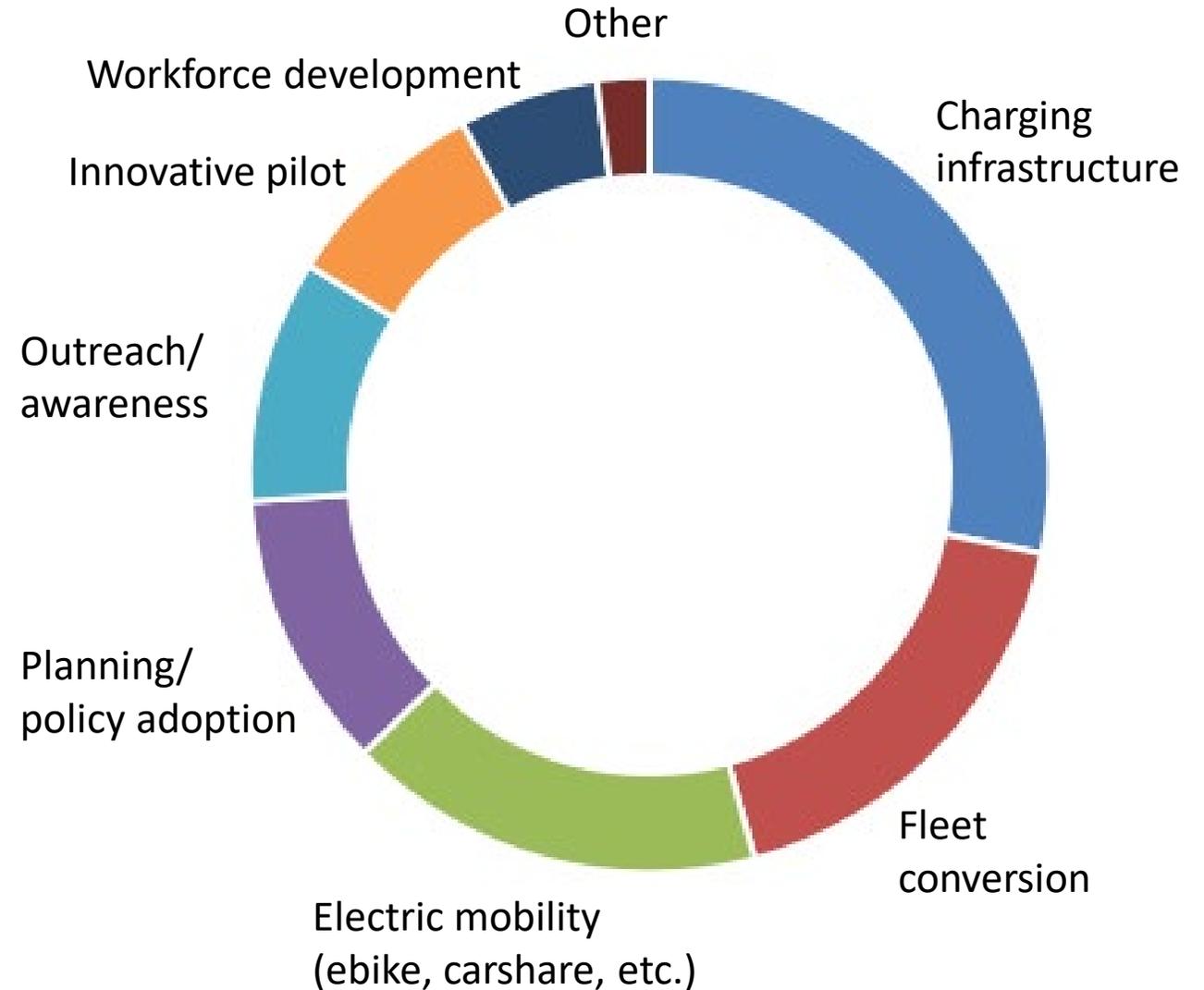


Photo by [CHUTERSNAP](#) on [Unsplash](#)



# Transportation Electrification LOI

- Received over 80 submittals - at least one from each county
- Top areas of reported need:
  - Charging infrastructure
  - Fleet conversion
  - Electric mobility (e-bike incentives, carshare)
  - Planning or policy adoption
- Barriers cited:
  - Staff capacity
  - Uncertainty about electrical upgrades, new technologies
  - Difficulty resolving charging infrastructure issues at multi-family developments
- Next steps: develop call for projects for release in 2023





## Other EV Efforts: Zero Emission Buses

- Per SB 375 statutory requirements, MTC's Climate Initiatives Program focuses on cars and light trucks
- In addition, MTC is working on a zero emission bus transition strategy with transit operators to understand the full cost of transit electrification driven by compliance with CARB's Innovative Clean Transit rule
- Key components of this effort include identifying coordination opportunities and developing a schedule and funding plans. Work is kicking off this Fall
- Other federal and state funding sources will be pursued for implementation of this effort, including through the Federal Transit Administration and the state's Transit and Intercity Rail Capital Program



Credit: Mark Prado



# Next Steps

<b>Fall/Winter 2022/23</b>	<ul style="list-style-type: none"><li>- Refine and prepare guidelines for Climate Initiative Program grant programs following committee feedback</li><li>- Program funding amounts at MTC's Programming &amp; Allocations Committee later this fall</li><li>- Monitor release of state CRP guidelines for program consistency</li><li>- Assess Inflation Reduction Act alignment with Climate Initiatives Program direction</li></ul>
<b>Winter/Spring 2023</b>	<ul style="list-style-type: none"><li>- Return to committee with program guidelines before issuing grant opportunities<ul style="list-style-type: none"><li>* Mobility Hubs</li><li>* EV/charging infrastructure</li><li>* Parking</li></ul></li></ul>



# Committee Input on Investment Direction

- Are Mobility Hubs, Parking, Electric Vehicles/Infrastructure the right priorities?
- EVs: Reaction to LOI needs/barriers - do these resonate and align with your communities?
- Should the Commission consider a coordinated regional or subregional approach to electrification?

Top Electrification Needs	Top Electrification Barriers
Charging Infrastructure	Staff capacity
Fleet Conversion	Uncertainty related to electrical upgrades
Electric Mobility (ebike incentives, carshare)	Uncertainty related to new technologies
Planning/policy adoption	Charging infrastructure issues at multi-family developments

