EV Coordinating Council

March 20, 2024 Hybrid Meeting

Welcome!

We will begin the meeting shortly.

Zoom attendees: Feel free to change your display name to include your organization and pronouns.

This meeting will be recorded.









Meeting Agenda

Hybrid

- Welcome (MTC)
- Bay Area EV Market Update (BAAQMD)
- E-Bikes Panel: Programs and Progress Toward Equitable Adoption
- Workshop: EV Equity Initiative (CLEE)
- Roundtable Announcements

In-Person

Networking, Lunch, and Vendor Expo

1 PM Funding Navigator Working Group Meeting (with hybrid option)











Bay Area EV Market Update

Caylee Mercado Grants Specialist cmercado@baaqmd.gov

BAY AREA

ELECTRIC VEHICLE TRENDS AND GOALS



13,454 public charging ports currently

58,000 public charging ports needed by 2030 (NREL)

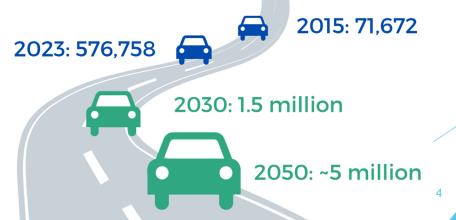
In 2022, 6.2% of the Bay Area fleet were EVs, with a goal of 90% by 2050

In 2023 Q4, 24.7% of all new sales in CA were EVs

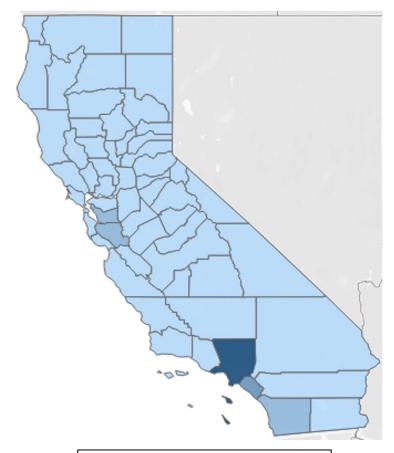
Public charging ports



Progress towards our EV Adoption Goals

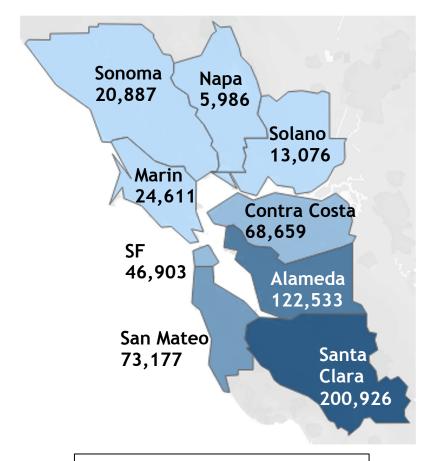


ZEV Adoption in the Bay Area



CA Total: 1,846,874

Total New ZEV Sales in California



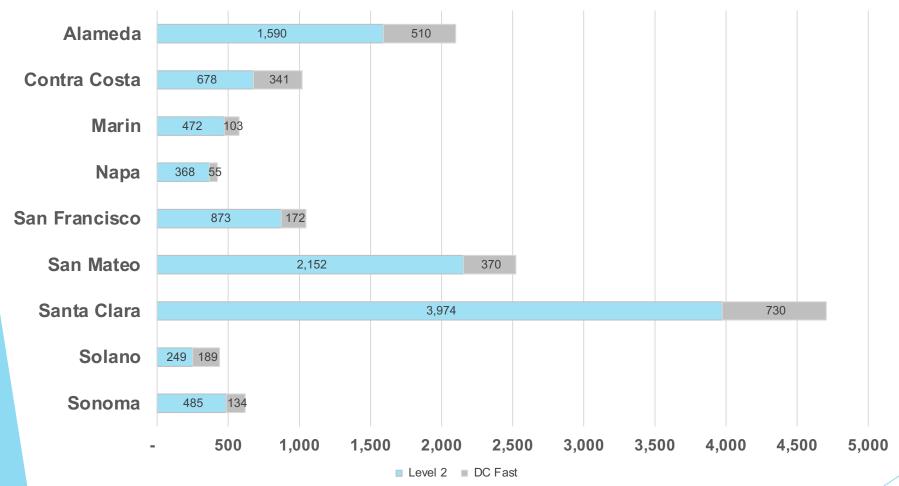
Bay Area Total: 576,758

Total New ZEV Sales in Bay Area

5

Existing Bay Area EV Infrastructure

ELECTRIC VEHICLE CHARGING PORTS BY COUNTY



Total public EV charging ports as of December 2023: ~13,450

California Energy Commission (2023). Electric Vehicle Chargers in California. Data last updated March 1, 2024. Retrieved March 14, 2024 from https://www.energy.ca.gov/zevstats

CA Medium/Heavy Duty EVs - 2022



272
CA Medium/Heavy-Duty
EV Trucks



1,708 CA EV Buses



340 CA EV Delivery Vans

Image source: Veloz California Electric Vehicle Market Report. https://www.veloz.org/ev-market-report/
Data Source: California Energy Commission (2023). Medium- and Heavy-Duty Zero-Emission Vehicles in California. Data last updated June 5, 2023. Retrieved March 15, 2024 from https://www.energy.ca.gov/zevstats







Clean Cars for All Program Update

Caylee Mercado Grants Specialist cmercado@baaqmd.gov



Program Overview



Vehicles and Infrastructure

- Purchase or lease, new or used
- Hybrid, plug-in hybrid, battery electric, and fuel cell electric vehicles
- Home charger installation or portable charger for plug-in hybrid and battery electric vehicles

Mobility Options

- Pre-paid debit card for:
 - Electric bicycles
 - Public transit (Clipper Card)

2024 Program Changes

- **♀** Location
- Expanded eligibility to all Bay Area ZIP codes
- → Vehicle
- Increased retired vehicle model year
- \$ Income
- Focus on the lowest income residents

Higher grant amounts and up to \$2,000 more for residents living in disadvantaged community (DAC) census tracts

	Previous Program	New Program
ZIP Codes	76 disadvantaged ZIP Codes	All Bay Area ZIP Codes
Federal Poverty Level	≤400%	≤300%
Retired Vehicle Model Year	2005 or older	2007 or older
Grant Amount	\$5,000 - \$9,500	\$7,000 - \$12,000

Panel on E-bikes: Programs and Progress Toward Equitable Adoption

Clarrissa Cabansagan, Silicon Valley Bicycle Coalition Brett Thurber, The New Wheel Hannah Otto, Waterside Workshops & Berkeley E-Bike Equity Project (BEEP) Wendy Chou, Acterra (Moderator)

A Q&A session will follow. Please hold questions until the end of the panel presentations. A PDF of the slides will be available.









Meet our Panelists



Clarrissa Cabansagan

(she/her) is the Executive Director of the Silicon Valley Bicycle Coalition (SVBC) whose mission is to build healthier, more just communities by making bicycling safe and accessible for everyone in San Mateo and Santa Clara Counties.

Meet our Panelists



Brett Thurber is the founder of The New Wheel, an electric bike retailer with over 10,000 riders in the Bay Area. In 2023 he co-founded Friiway, an ebike subscription service designed to lower the barrier to using high quality ebikes. His life's mission is to help people move into bicycles and sustainable, human-scale transportation.

Meet our Panelists



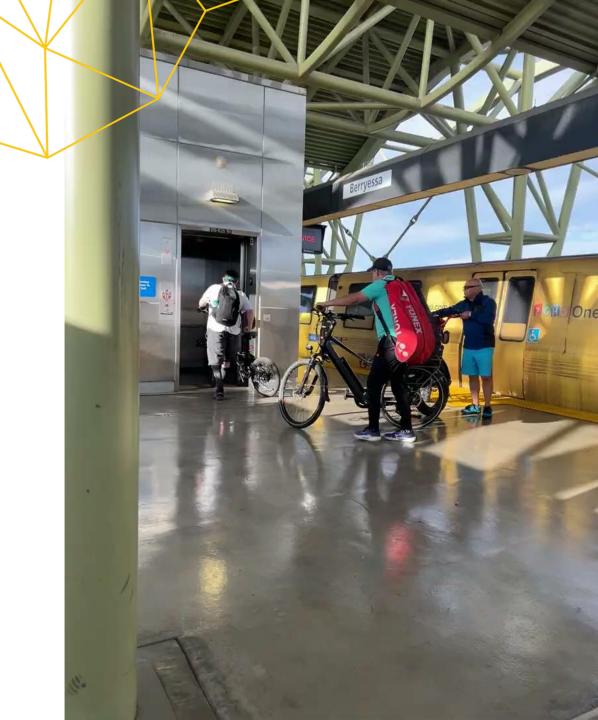
Hannah Otto is the Waterside Workshops program manager for the pilot Berkeley E-bike Equity Project (BEEP) funded by the City of Berkeley's Climate Equity Fund. BEEP is a unique e-bike incentive program which provides low-tomoderate income Berkeley residents the use of an e-bike for a full year, supported by safety trainings and regular maintenance check-ups.



Why E-bikes?

EV Coordinating Council March 20, 2022

Clarrissa Cabansagan, Executive Director Silicon Valley Bicycle Coalition



SILICON VALLEY BICYCLE COALITION

OUR MISSION

To build more just and healthy communities by making bicycling safe & accessible for everyone.



Our Reach

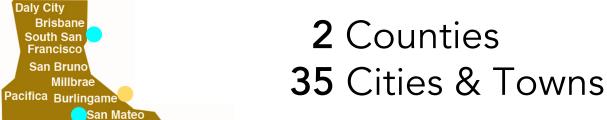
9 local teams
North San Mateo County
San Mateo
San Carlos & Belmont
Redwood City
Palo Alto
Mountain View
Sunnyvale
Santa Clara
San Jose

4 advocacy partners
Coastside on Bikes
Walk Bike Burlingame

Walk Bike Cupertino San Carlos Bikes



SILICON VALLEY





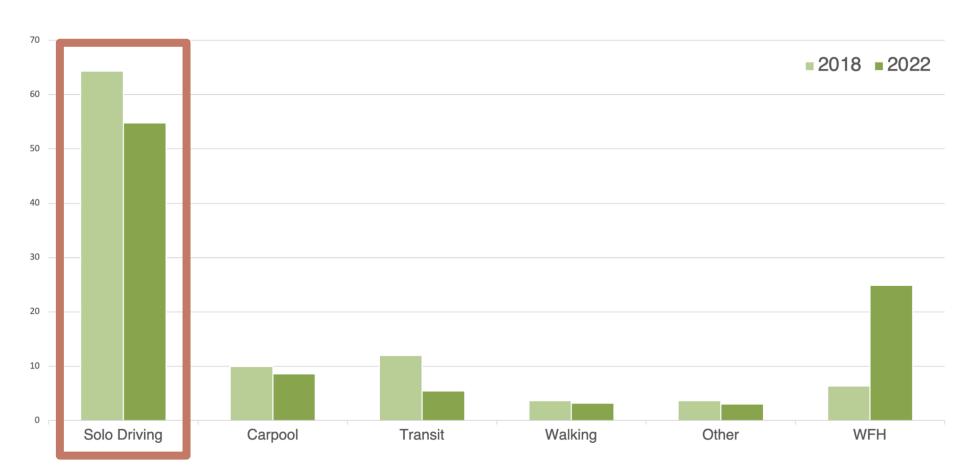








Bay Area Commute Mode Choice 2018 vs. 2022







Bicyclist + pedestrian fatalities are at an ALL-TIME HIGH.

Tracks with cell-phone adoption.

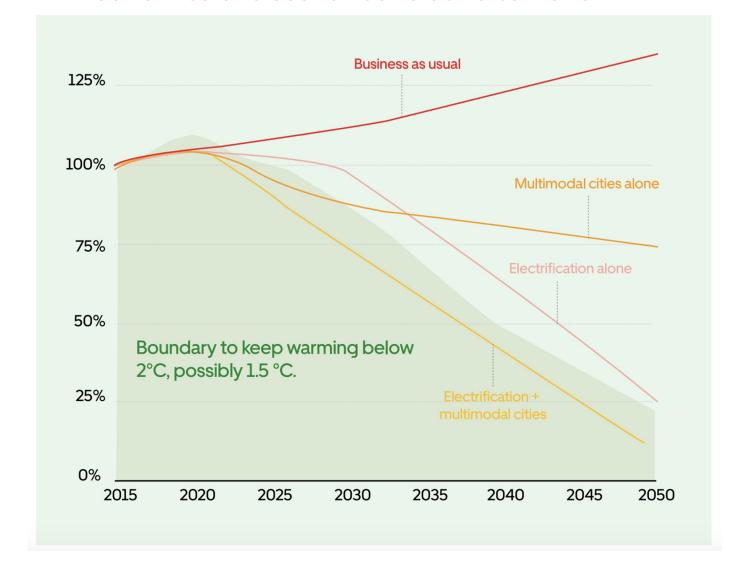




Annual emissions scenarios relative to 2015

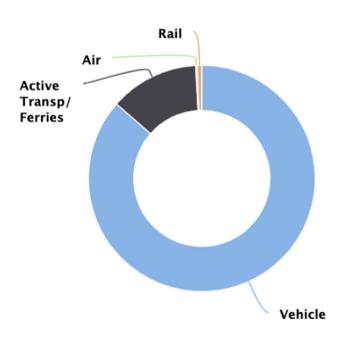
Vehicle electrification is ONLY ONE PART of the solution.

Also need to reduce overall private car dependence and promote walking, cycling and public transit.

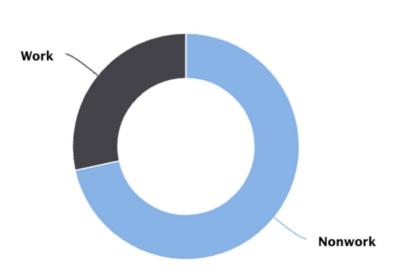




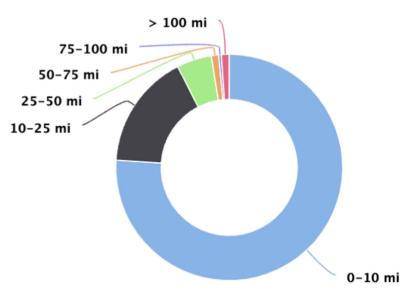
Most trips are...



made by car



non-work trips

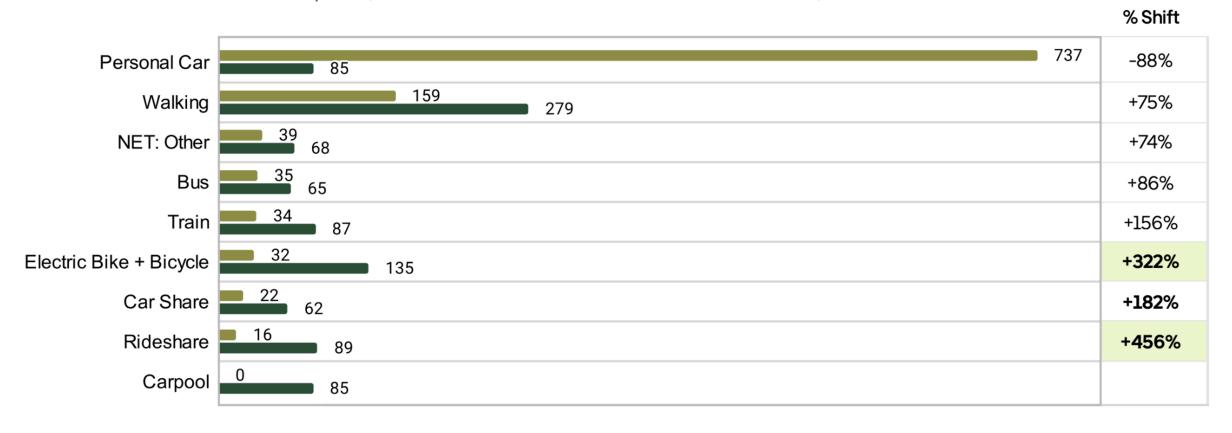


under 10 miles



One less car...

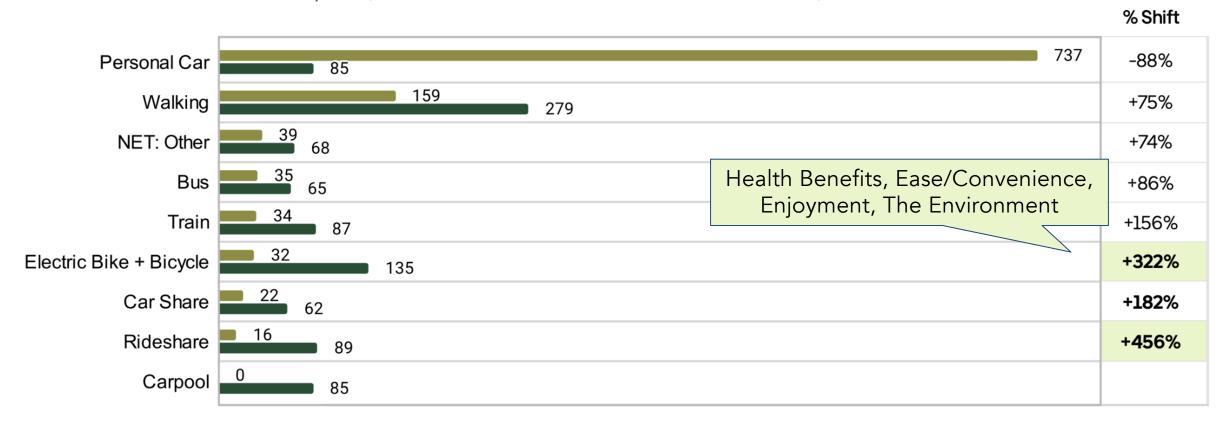
Car Owners, Total Trips by Mode | Week 1 v. Rest of Trial Avg.





One less car...

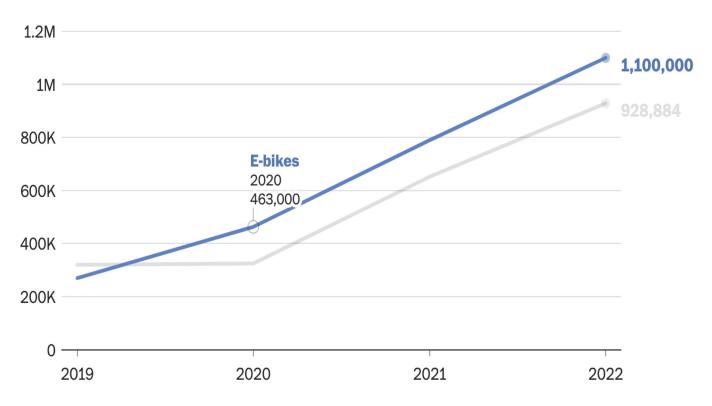
Car Owners, Total Trips by Mode | Week 1 v. Rest of Trial Avg.





E-bike sales far outpace EV adoption

E-Bike Sales in the U.S. Overtook EVs in 2019

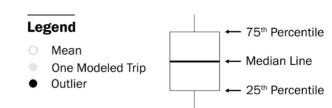


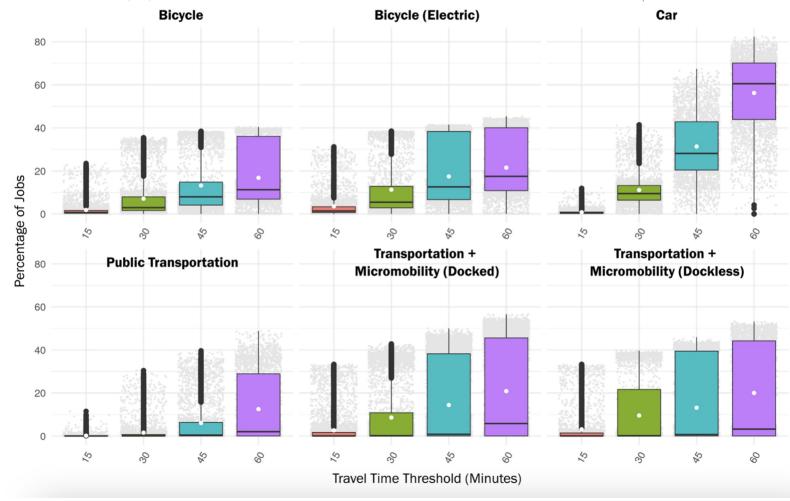
EVs includes plug-in hybrids. E-bike import figures are used as proxy for sales given reliance on imports by

Improved access to jobs

Transit + electric micromobility competitive with car

% Jobs Accessible by Various Modes for 4 Travel Time Thresholds in the SF Bay Area



























El Camino Real – The Grand Boulevard

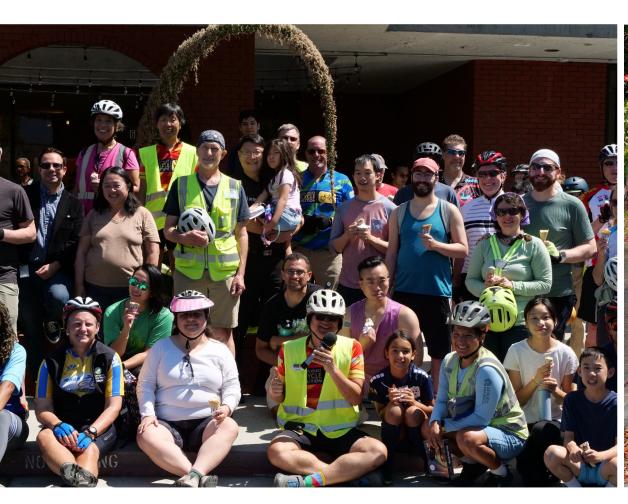
- 41 mile corridor cutting
 San Francisco to San Jose
- Passes through 19
 jurisdictions mostly
 downtowns
- State highway, owned and operated by Caltrans
- Economic opportunity -Existing destination of shops, services, jobs, schools and residences





El Camino Real Vision 2030







El Camino Real thrives as a vibrant, inclusive corridor that fosters a dynamic community where people can seamlessly live, work, shop, play and connect, prioritizing efficient transit and active transportation to enhance the overall well-being and quality of life for all.

This is the current bike path...

San Mateo County North-South Commuter Bike Route This route uses city streets. Some sections have high traffic volumes and speeds and may not be suitable for young or inexperienced. riders. Use your discretion to determine if suitable. . The map is intended only to define the route and is not drawn to scale. If not familiar with this area, use it with a local street map. This is only a suggested route and does not prevent using other routes. See www.svbcbikes.org for alternative routes. . If you have questions, suggestions, comments, or want to help, you can email us at instructe@svbcbikes.org. Seg Southbound Directions Dist Total START Tunnel Av @ Bayshore Blvd 0.0 South on Tunnel Av 2.0 2.0 2 L on Bayshore Blvd Becomes Airport Blvd 0.7 4.1 R on Linden Av 0.9 5.0 Becomes S. Linden Av 0.8 5.8 Airport 81 R on Dollar Av 0.1 5.9 Becomes Herman St 0.5 6.4 L on Huntington Av 0.3 6.7 Jog R to cross San Mateo Av <0.1 6.7 - Main route 0.8 7.5 Continue on Huntington Av ---- Off-street route 0.5 8.0 Becomes San Antonio Av III Caltrain station 12 R on Santa Helena Av < 0.1 8.0 **** Train tracks 13 L on San Anselmo Av (after 0.3 8.3 Cross streets curve, turn R to continue) 14 R on Center St 0.1 8.4 1.1 9.5 L on El Camino Real 16 L on Murchison Dr 0.1 9.6 17 R on California Dr 2.9 12.5 0.8 13.3 18 Becomes San Mateo Dr 0.2 13.5 L on Monte Diablo Dr 20 R on Claremont St. 1.4 14.9 21 R on 16th Av < 0.1 14.9 22 Bear left onto Bike Path 0.1 15.0 0.2 15.2 23 Straight thru Caltrain Lot Straight on Pacific Blvd 0.4 15.6 25 R on Delaware St 0.1 15.7 26 Straight thru Bay Meadows 0.5 16.2 27 Straight on Pacific Blvd 0.9 17.1 Becomes Old County Rd 3.4 20.5 0.2 20.7 29 Becomes Stafford St L on D St 0.1 20.7 0.7 21.4 R on Arguello St Straight onto Broadway St 0.1 21.5 0.2 21.7 33 R on Winslow St 34 4.2 25.9 Straight onto Middlefield Rd 35 R on Willow Rd 0.2 26.0 36 L on Willow PI 0.1 26.1 < 0.1 26.1 Cross Bike Bridge 0.1 26.2 38 Bear R on Palo Alto Av SANTA CLARA COUNTY 39 Straight onto Bryant St 0.4 26.6 END Continue to University Av Revised Dec 2007 by the Silicon Valley Bicycle Coalition. See www.svbcbikes.org for updates and additional route information.



San Mateo County North-South Commuter Bike Route NORTHBOUND

- . This route is to serve as a primary bikeway, providing easy access to most peninsula Caltrain stations and downtown districts.
- The route is a work in progress. To make it more "bike friendly", SVBC is working toward safer intersections, bicycle-sensitive traffic lights, better road mainfanance, and bike lanes where feasible, as well as way-finding signs to make the route easier to follow.

Seg	Northbound Directions	Dist	Total			END	Bayshore & Third S	SAN FRANCISCO
END	Stay R to Third St.			a la	STATIONS			COUNTY
41	R on Bayshore Blvd	0.2	27.8	4	Sayshore)	
40	R on Tunnel Av	1.9	26.3				Tunnel Rd	
39	Becomes Bayshore Blvd	1.4	24.4			Eayshore Elvd		
38	L on Airport Blvd	0.6	23.0					
37	Becomes Linden Av	0.9	22.4					
36	L on S. Linden St	0.8	21.5			Algori Blvd		Oyster Pt. Blvd
35	Becomes Dollar Av	0.1	20.7					
34	R on Herman St	0.5	20.6		Francisco*	Linder		
33	Continue on Huntington Av	0.3	20.1			S. Linde		
32	Jog R to cross San Mateo Av	< 0.1	19.8			D-flav		
31	Becomes Huntington Av	0.8	19.8			Herman		in route
30	L on San Antonio Av	0.5	19.0	A	San Bruno	Hundington		(-street route stions (paved)
29	R on Santa Helena Av	< 0.1	18.5			San Antonio		itrain station
28	L on San Arselmo Av (& L at T)	0.3	18.4			Santa Helena		in tracks
27	R on Center St	0.1	18.1			San Anselmo	Cri	oss streets
26	R on El Camino Real	0.9	18.0			Center St. of El Carolin Berlin		
25	L on Linden Av	< 0.1	17.1		Allbrae	Linda	1	Militrae Ave
24	Becomes California Dr	3.1	17.1					Broadway
23	R on San Mateo Dr	0.8	14.1		Broadway Burtingsme	California		
22	L on Monte Diablo Av	0.2	13.3			Son Motors		Peninsula Ave.
21	L on S.Claremont St	1.4	13.1			Dr.	fonte Diarbio	
20	R on 16th Av	<0.1	11.7		San Mateo	- 7	Garemont	
19	Straight on Bike Path	0.1	11.7	A			8th Ave.	
18	Straight thru Caltrain lot	0.2	11.6	7	Hayward		Dike Path Caltrain Let	
17	L on Pacific Blvd (after Saratoga)	0.4	11.4		Park	1		Hywy 92
16	Straight on Delaware St	0.1	11.0				Secific Blvd.	
15	Straight thru Bay Meadows	0.5	10.9				Delaware	
14	Becomes Pacific Blvd	0.9	10.4				Bay Meadows Race Track	
13	Becomes Old County Rd	3.4	9.6		Alligation			Hitsdate Styd.
12	R on Stafford St	0.2	6.2				Pacific Blvd.	Ralston
11	L on D St	0.1	6.0			1	Old County Rd.	
10	Straight onto Arguello St.	0.7	5.9		San Carlos			Holly St.
9	L on Broadway St	0.1	5.3				Stafford	
8	Straight onto Winslow St	0.2	5.2	A .		1	19.	Whipple
7	Bear R to stay on Middlefield	1.8	5.0	1			iguelle Landwin	
6	L on Middlefield Rd	2.4	3.2		Redwood City		Winslow	
5	R on Willow Rd	0.2	0.8					- Woodside Rd.
4	Straight on Willow PI	0.1	0.6		Atherton*	i	Middlefield	
3	Bear L onto Bike Bridge	<0.1	0.5			1		Marsh Rd.
2	Bear R on Palo Alto Av	0.1	0.5			1	Wilew Fld.	
1	Go North on Bryant St	0.4	0.4				Bike Bridge	SANTA
TART		U.A	0.0		* Station is ap 0.5 mi from	START	Palo Alto Ave. Bryant	CLARA
			4.4			[alwel] s		

Revised Dec 2007 by the Silicon Valley Bicycle Coalition. See www.svbcbikes.org for updates and additional route information.

Why ECR for bikes? Why now?

- ONLY N-S non-freeway route accessible for people walking and biking
- 3663 crashes and 54 killed in 10 years
- Crash data shows significant use by bicyclists and pedestrians
- Access to transit
- ~50% will get repaved in the next5-years



Proposed Bikeways projected to be installed as part of Caltrans SHOPP projects,

with construction start anticipated between 2024-2028 on SR-82

El Camino Real Bikeways





What it looks like today...













Separated bike paths Protected intersections

PEOPLE-CENTERED STREETS



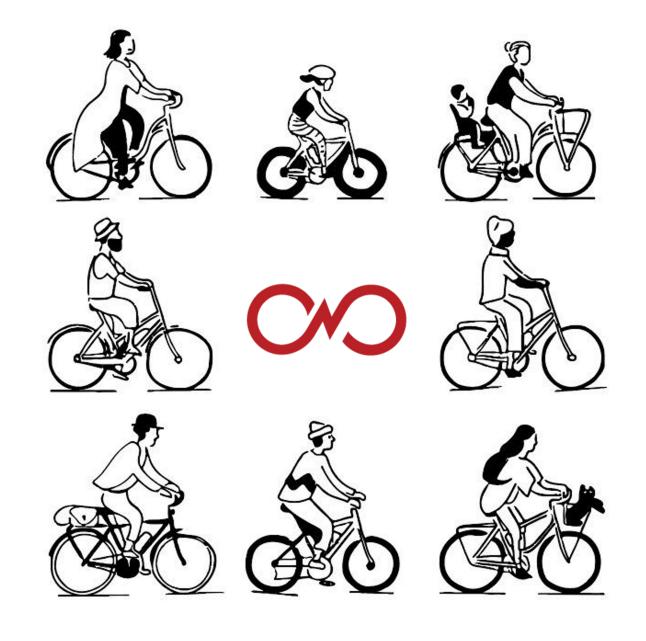


Clarrissa Cabansagan, Executive Director clarrissa@bikesiliconvalley.org www.bikesiliconvalley.org





Sustainable Growth Model For Ebikes



About us



The New Wheel

est. 2010



THE NEW WHELL
TH



San Francisco

est. 2011

Larkspur Landing

est. 2016

Oakland

est. 2022

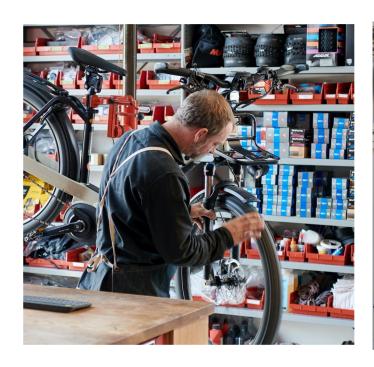


What we do

An experiential retailer here to inspire & support people to ride ebikes.

Quality Product

Comprehensive Ebike Services Long-Term Customer Success









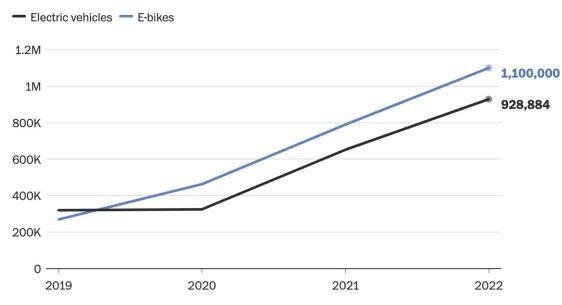
Trends in the USA

- USA had a huge bike boom during Covid
- That boom has ended
- Recreational cycling is still paramount
 - Cycling for transportation is still the exception
- Cycling infrastructure in the USA (networks, parking, amenities) is severely lacking
- Many bikes that were sold were sub-par quality and sold consumer direct

People Get the Value

- Ebikes are incredible
- What other vehicle combines fitness, efficiency, utility and joy?
- Without any incentives, e-bike sales have overtaken electric vehicles

E-bike sales in the U.S. overtook electric vehicles in 2019

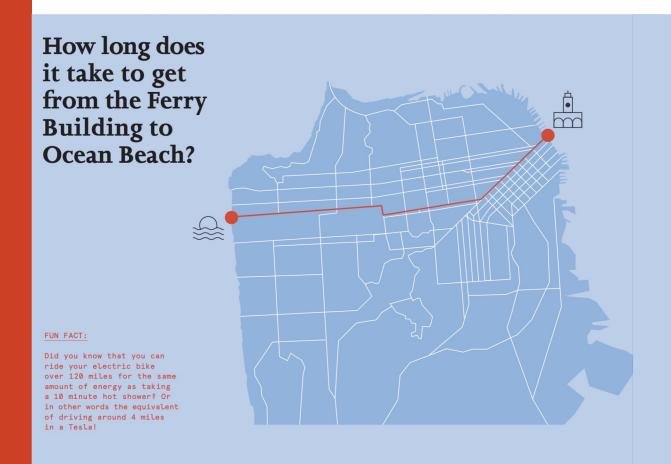


EVs includes plug-in hybrids. E-bike import figures are used as proxy for sales given reliance on imports by retailers.

Source: BloombergNEF, Light Electric Vehicle Association, Argonne National Laboratory

MICHAEL J. COREN / THE WASHINGTON POST

Cyclists are (really) good





First Class Cycling

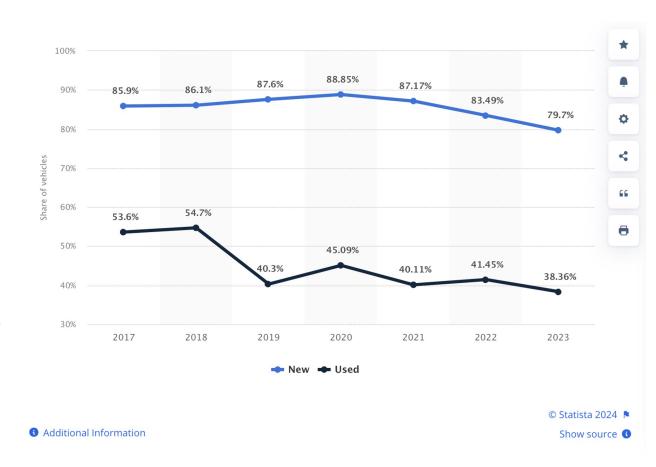
- Are cyclists in the Bay Area treated first class?
- How are they treated?
- How does that impact our common understanding of the value of the bicycle?



First Class Bicycle Parking in the Netherlands

Budget is an Issue

- Price is not the issue, value and budget is.
- 79% of all car purchases were financed
- Once a car is purchased and insurance paid, it makes more sense to use it versus add another vehicle or transit





What's Working



- 1. Value: Make Cycling First Class
- 2. Budget: Ebike Leasing
- 3. Growth: Bringing more investment into cycling by increasing price and localizing service. A virtuous circle.

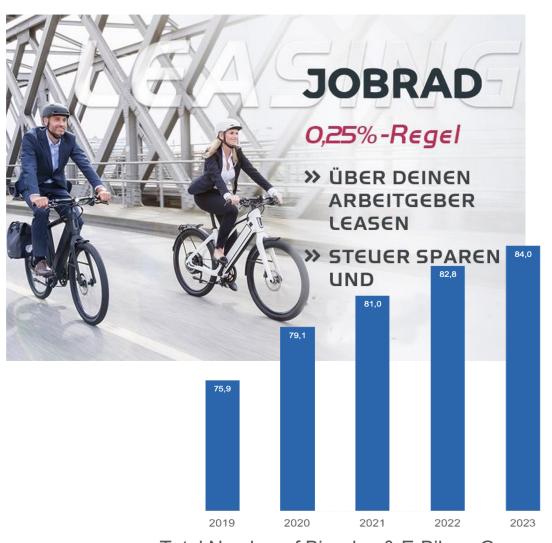
Example: Adding Value in Europe

- Electric bikes are understood as the future of cities
- Paris example: Mayor
 Hidalgo has spearheaded
 a transformation since
 Covid
- Not just bike lanes: Carfree superblocks, bicycle parking and bike share



Example: Budget & Growth with Leasing

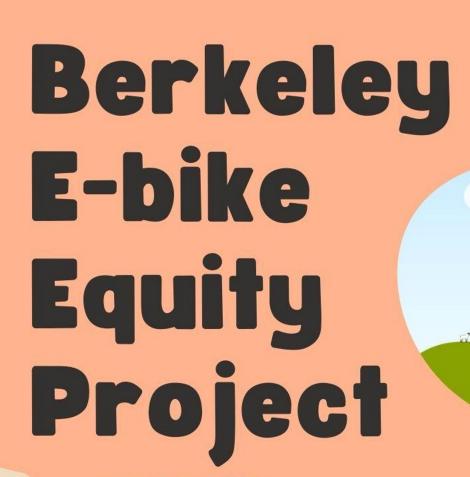
- In Europe, Employees can use pre-tax dollars to lease a bike over 36 months
- An \$8000 = \$125/month with tax savings taken into account
- Leased bikes sold locally and include service.
- 1 in 4 bikes in Germany now leased



Total Number of Bicycles & E-Bikes, Germany

Conclusion

- **Cycling is unique:** As more people cycle, it is better for each individual, everyone else who cycles, and the environment.
 - This cannot be said for cars
- Europe has a growth model for cycling motivated by making cities better for people.
- Policy must stay laser focused on increasing the value of bicycles for all people.
- Multiply the impact of subsidies and make a deep impact on affordability by catalyzing leasing.



presented by Hannah Otto, Program Manager Waterside Workshops



Background



- Berkeley Climate Equity Fund (CEF)
 - Provides climate and resilience benefits to low-income
 Berkeley residents through pilot programs that support
 building and transportation electrification
- Waterside Workshops' CEF proposal
 - Expands mobility for income-qualified households through an e-bike access program
 - supports e-bike youth education and workforce program
 - 2-year, \$250,000 contract





Timeline

August 2022 - January 2023

Design & Engagement

February 2023 - May 2023

Enrollment & Onboarding

May 2023 - June 2024 Implementation & Data Collection

July 2024 - September 2024

Analysis & Final Report



Youth Programs







Target Population

ADULT ACCESS

- 600 applications within three weeks
- Income qualified
- City of Berkeley residents
- 70% participate in a different income qualified program
- 75% self identify as a person of color

YOUTH EDUCATION

- 20+ bike shop interns
- Staff certifications
- Developed relevant e-bike curriculum
- Participate in BEEP fleet assembly & maintenance
- 40% live below the poverty line
- 90% self identify as a person of color



Education



Fleet Assembly & Maintenance







Procurement

SUMMARY

- Aventon & RadPower models
- Best value for budget constraints
- Accomodated accessory requests
- Provided safety equipment

TAKE AWAYS

- Easy dealership enrollment
- Supply chain issues never materialize
- Place orders non-concurrent with industry peaks

Participant Experience

Application

Onboarding

E-bike Ownership

Complete interest form

Participant agreement, deposit/volunteering

Monthly odometers & quarterly surveys

Lottery winners invited to apply

E-bike and product package customization

Ongoing support & Community Building activities

Submitted verification

Safety Workshops

Participant receives full ownership



Participants



"I feel like I am more part of Berkeley and have discovered bike paths and parks"

-Julio





Participants



"Getting [our] kids to school is more fun"

-Cody/Ben



I "have used car five times in the last six months. Goal is to do without altogether"

-Emerald





Since Deployment

SUMMARY

- Four bikes stolen
- One crash and totaled bike
- Two participants moved away
- One removed themself
- 5 participants volunteered in lieu of providing a deposit

TAKE AWAYS

- The appetite for e-bikes is apparent
- Varying participant needs based on their riding experience
- Multiple touches to increase response rate (~58-80%)

Community Building





Community Building







Results to Date

OVER 16,000

MILES RIDDEN

SHOPPING & WORK ARE MOST COMMON DESTINATIONS

"IT HAS BEEN
AMAZING HAVING AN
E-BIKE. MY MOBILITY
AND ACCESS TO
DIFFERENT PLACES
HAS IMPROVED
ENORMOUSLY"

"IT'S BOOSTED MY
PARTICIPATION IN
COMMUNITY. BROUGHT
MORE OF MY
PATRONAGE TO MORE
LOCAL BUSINESS"

"I CAN'T BELIEVE HOW LIFE-CHANGING IT IS TO NOT HAVE TO RELY ON ANYONE BUT MYSELF TO GET WHERE I WANT TO GO"

Evaluation

- Ongoing through July 2024
- Final Report anticipated September 2024
- Topics of interest
 - Community, health, and financial impacts
 - User safety, comfort, and education
 - Capacity building achievements
 - Vehicle usage and ownership metrics





THANK YOU

E-mail

hannah@watersideworkshops.org

Web

bit.ly/BEEP

EV Equity Initiative - Workshop



Ted Lamm is Senior Research Fellow in the Climate Program at the Center for Law, Energy & the Environment (CLEE). His work focuses on the development of state and local climate policies, transportation and building electrification, and climaterelated risks. He currently leads CLEE's EV Equity Initiative.

EV Equity Initiative Action Plan Framework & Mapping Platform

CLEE EV Equity Initiative

We seek to build locally tailored, community driven, and replicable approaches to the development of electric vehicle and mobility infrastructure in underserved communities in California and the US.

- Policy support and research
- Mapping and site selection
- Financing and revenue strategies
- Resources for stakeholders and policymakers

Berkeley Law | Genter for Law Energy

CASE STUDIES:
City Public & Curbside
EV CHARGING
STRATEGIES



CLEE EV Equity Initiative: Why Local Governments?

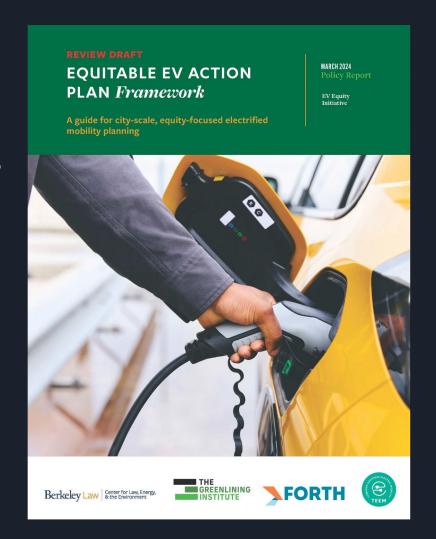
- First-of-its-kind state-driven technology transition
- Risk of reducing, not enhancing, mobility
- State/federal lead:
 - Targets + technology
 - o Incentives
- Local lead:
 - o Planning
 - o Permitting
 - o Procurement
 - o Community engagement
 - o Economic development
 - o Public transportation linkage

Availability/affordability of vehicles

Equity in access, mobility promotion, community enhancement

Equitable EV Action Plan Framework

- Template/guidebook for local EV/ZE mobility transition action plans, with a focus on equity
- Detailed strategies and examples for each substantive area of local EV/e-mobility policy
- Collaboration with Greenlining Institute and Forth Mobility
- Peer/stakeholder review process throughout 2024



Equitable EV Action Plan Framework: Focus Areas

- City Leadership Opportunities and City Fleet Electrification
- Public and Curbside EV Charging
- Residential (Single-Family and Multifamily) EV Charging
- Workplace EV Charging
- Physical Infrastructure Design, Safety, Security, and Accessibility
- Shared Mobility and Electric Micromobility
- Passenger Vehicle Access and Incentive
- Medium- and Heavy-Duty Vehicles and Charging
- Engagement, Participation, and Benefits for Communities
- Implementation and Funding



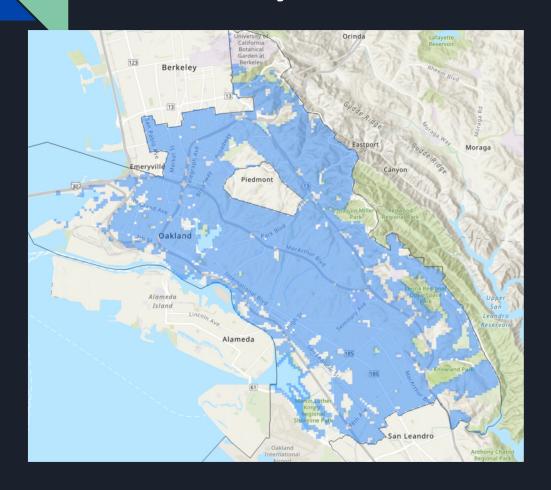
Mapping Platform

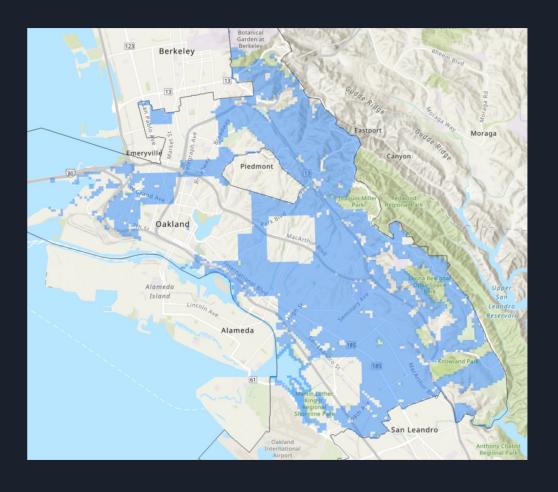
Our mapping tool will help local governments and stakeholders make decisions around EV charger and ZE mobility infrastructure siting while centering equity and community-informed decision-making

- 1. Data-rich: pixel-grid approach integrates diverse data layers
- 2. Flexible/tailored to local context: user selects criteria and can layer in more
- 3. User-friendly
- 4. Free, publicly accessible: for local agencies, community groups, developers

Architecture: 3 types of layers

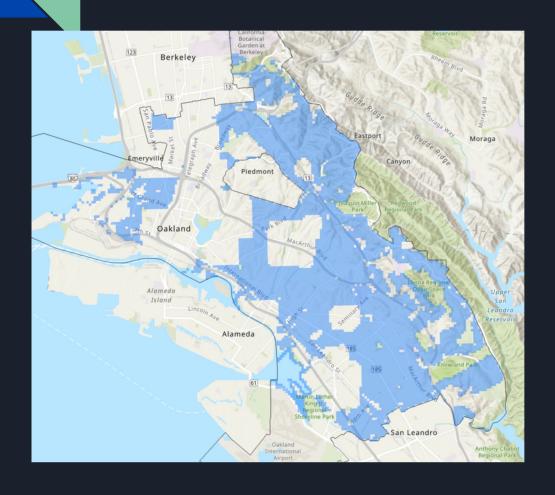
Priority (where does a city want to target infrastructure, to meet the needs of its residents and communities?)	CalEnviroScreen, USEPA EJScreen/Justice40, local equivalents Renters and MF residents MF residential and commercial zoning Existing charger proximity/EV registration
Feasibility (where is a city <i>able</i> to locate infrastructure, based on funding availability, power capacity, conflicting/preferred uses, or other infrastructural limitations or enablers?)	NEVI + 30C tax credit eligibility Grid capacity Substation proximity
Co-location points (i.e where might a city government want to co-locate charging infrastructure to maximize convenience, utility, economic development/community goals?)	Community + commercial resources Transportation hubs Multifamily dwellings



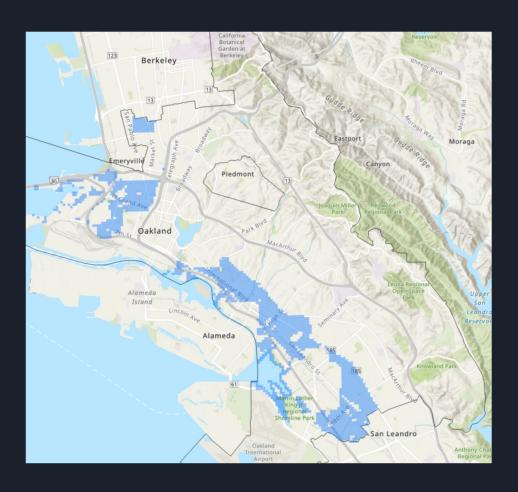


All population pixels

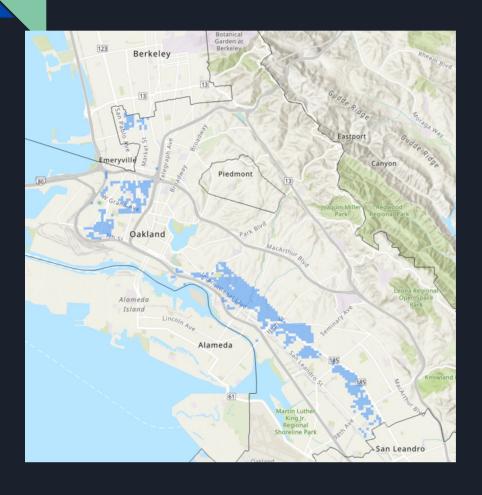
... & not 10-min drivable to DCFC



... & not walkable to L2 charger



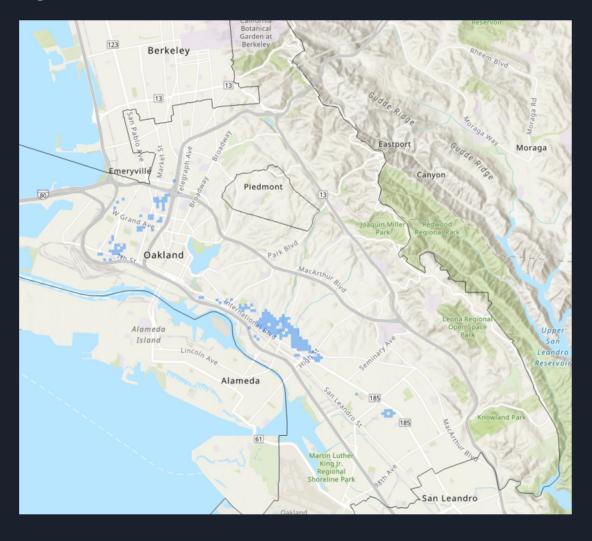
... & >= 70% percentile CalEnviroScreen composite



Berkeley Piedmont San Leandro

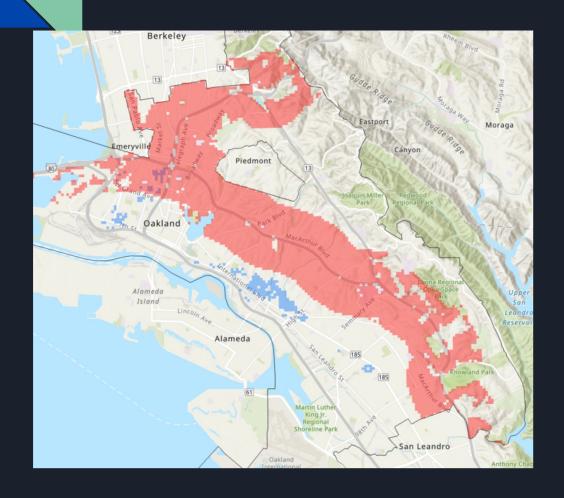
... & >= ~25 multi-family residents in pixel

... $\& \ge ~60$ renters in pixel



... & >= 50% multi-family, mixed-use, or commercially zoned

Priority + feasibility

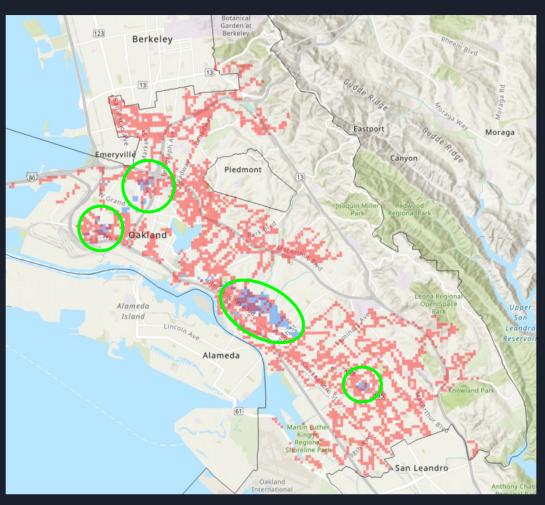


Berkeley

... & NEVI funding eligible

... OR IRS 30C eligible

Priority + feasibility



... & within 200ft of 600 kW of PG&E load capacity (i.e., "sufficient" capacity)

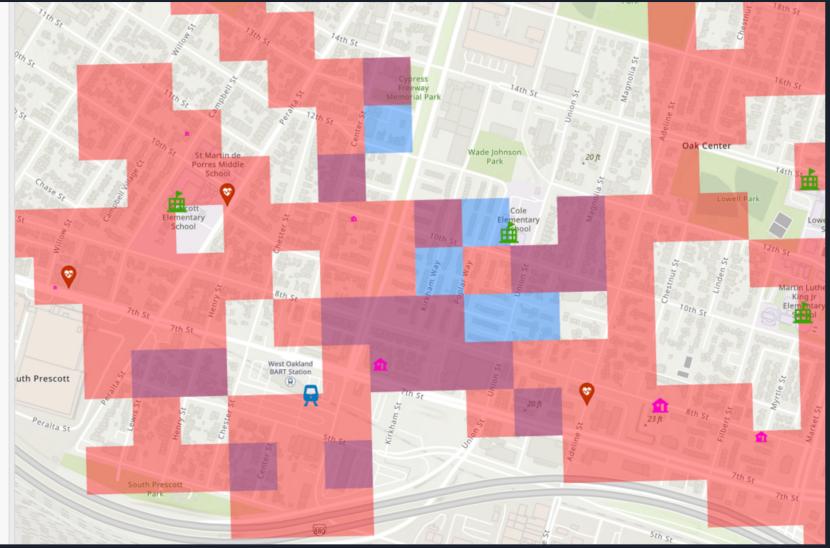
Overlay zone: Hoover-Foster

Drawing Order Мар ▲ Co-location points ▲ ✓ SchoolSites1920 ■ EV Stations - EV Stations EV_DC_Fast 0.000000 - 0.500000 • 0.500001 - 16.000000 ■ OSHPD Healthcare Facilities ■ Mobility Hubs - Rail Hoover- Foster ■ Iihtc_ca_XYTableToPoint LI_UNITS ■ Oakland Public Libraries McClymonds ✓ Feasibility High School Priority McClymonds City Limits ✓ World Topographic Map ✓ World Hillshade

Pill Hill

Overlay zone: West Oakland BART

Drawing Order ▲ Map 14th St ▲ Co-location points ■ EV Stations - EV Stations EV DC Fast **0.000000 - 0.500000** Porres Middle 0.500001 - 16.000000 ■ OSHPD Healthcare Facilities School ■ Mobility Hubs - Rail ■ Iihtc_ca_XYTableToPoint LI_UNITS ■ Oakland Public Libraries West Oakland BART Station uth Prescott ▶ ✓ Feasibility ▶ ✓ Priority City Limits ✓ World Topographic Map ✓ World Hillshade



Overlay zone: Fruitvale

Drawing Order I Мар ▲ Co-location points ▲ SchoolSites1920 ■ EV Stations - EV Stations EV_DC_Fast 0.000000 - 0.500000 • 0.500001 - 16.000000 ■ OSHPD Healthcare Facilities ■ Mobility Hubs - Rail Base Alameda ■ Iihtc_ca_XYTableToPoint LI_UNITS ■ Oakland Public Libraries ▶ ✓ Feasibility ▶ ✓ Priority ○ City Limits ✓ World Topographic Map ✓ World Hillshade

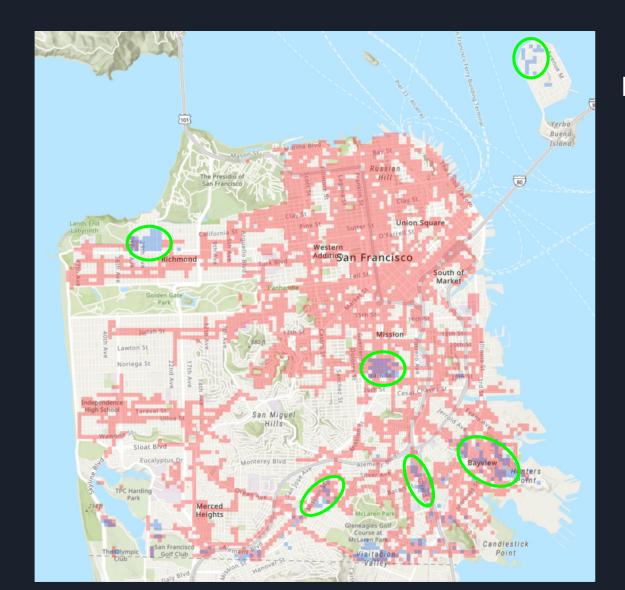
Overlay zone: Fitchburg

Drawing Order Recreation Havencourt Middle School ▲ 🔣 Map ▲ Co-location points Arroyo Viejo ■ EV Stations - EV Stations EV_DC_Fast 0.000000 - 0.500000 Coliseum 0.500001 - 16.000000 ■ OSHPD Healthcare Facilities ■ Mobility Hubs - Rail Webster Fitchburg ■ Iihtc_ca_XYTableToPoint LI_UNITS kland ■ Oakland Public Libraries seum ▶ ✓ Feasibility RingCentral Coliseum Priority City Limits ✓ World Topographic Map Highland ✓ World Hillshade

San Francisco: priority + feasibility

Priority:

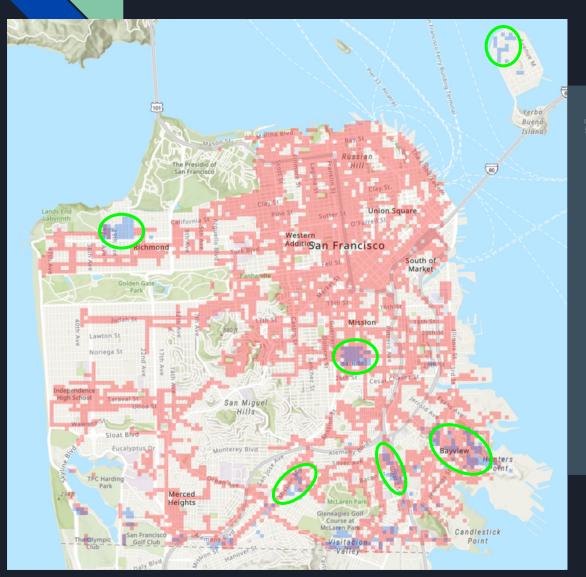
- SF EJ score >= 15 (out of 30)
- Not walkable to L2 or drivable to DCF
- >= ~30 multifamily residents
- >= ~60 renters

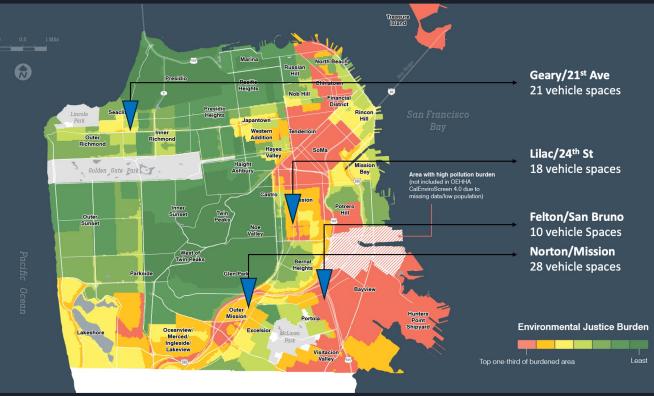


Feasibility:

- Eligible for NEVI or IRS 30c funding
- Within 200 ft of 600 kW of PG&E load capacity (note Treasure Island is not serviced by PG&E)

San Francisco: city-owned parking





Questions?

https://www.law.berkeley.edu/research/clee/ev-equity/

tlamm@law.berkeley.edu

Thank you!

Announcements / Roundtable Updates

- Networking: After the updates, please visit the Vendor Expo, which concludes at 1:30 pm. Lunch is available in this room; feel free to eat here or bring it into the Atrium.
- Funding Navigator Group: Please find CTE at the security desk at 12:50 PM to be accompanied to your conference room.
- Roundtable: Please raise your hand for the opportunity to speak.
- Following the updates, the virtual meeting will adjourn.









Thank You

- Silicon Valley Bicycle Coalition, The New Wheel, Berkeley E-Bike Equity Project, Waterside Workshops, RAD Power Bikes, Bike Connection, Mitra EV, Ridepanda, The Vegetarian Gourmet
- Join our mailing list to hear about news and upcoming events!

EV Coordinating Council Email List Sign Up

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Contact Us

≛≣

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ev.council@acterra.org







