

Welcome! The Webinar will begin shortly



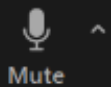
Sustainability and Climate Action Plan Ad Hoc Committee

December 9, 2021

cityofpaloalto.org/ClimateAction

Acting Now for a Resilient Future

Click on Q&A anytime during the presentation to ask questions



Mute



Chat



Raise Hand



Q&A

Leave

Agenda

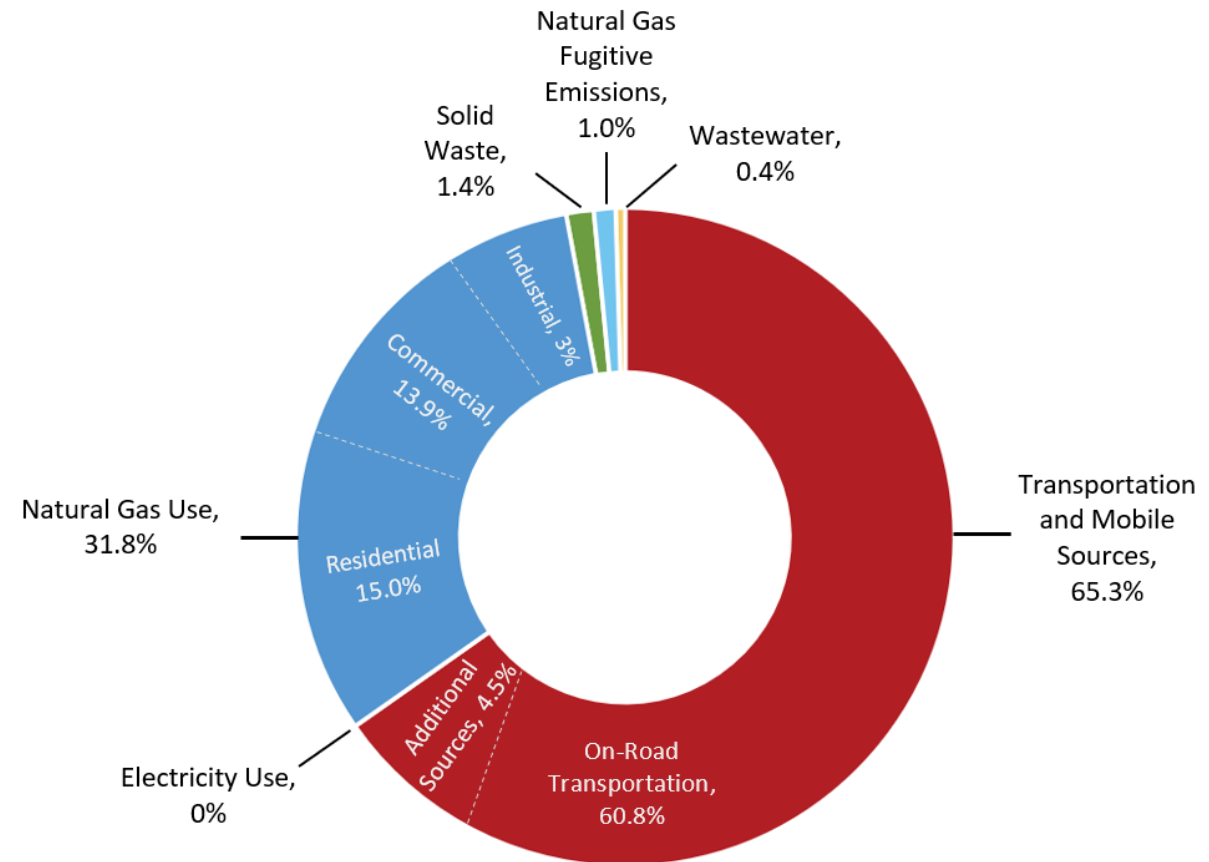
- **Recap of November S/CAP Ad Hoc Meeting**
- **Transportation – Mobility and Land Use**
 - Overview
 - Land Use & Emissions
 - Mobility Programs FY22-24
- **Discussion**





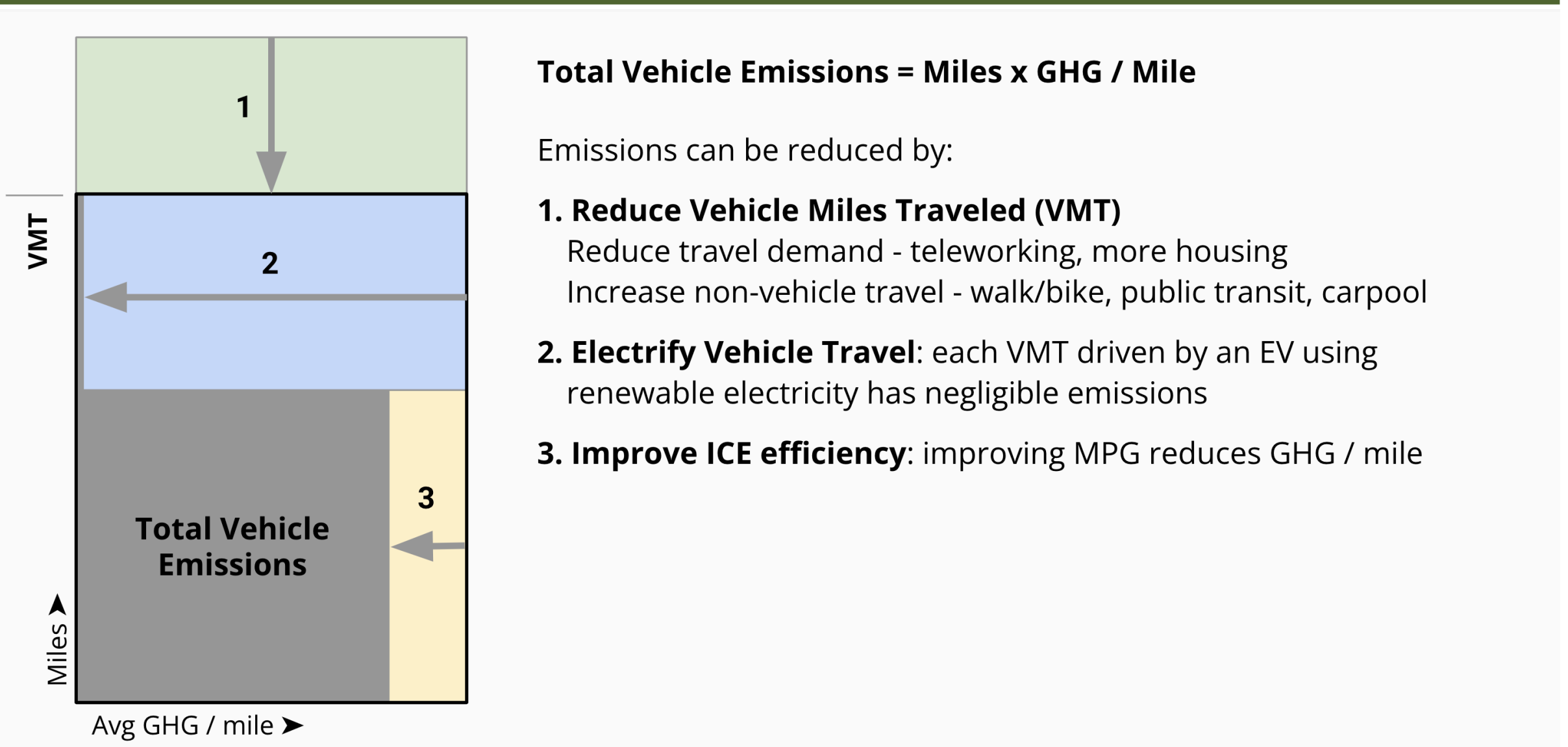
- 27 questions, focused on the following themes:
 - How can the city influence commuter and visitor vehicular travel?
 - How does the pandemic factor into S/CAP targets?
 - How will you meet your EV charger installation goals?
 - Have you looked beyond replacing fossil fuel vehicles?
 - How does the city plan on electrifying its own vehicular fleet?
 - What are your plans for addressing multi-family buildings?
- 13 comments, focused on the following themes:
 - Implement mandates for EV capable parking spaces
 - Fine property owners when their gardeners use gas-powered equipment
 - Utilize the Reach code to expand charging infrastructure, especially for e-bikes

- The S/CAP seeks to **reduce greenhouse gas (GHG) emissions.**
- 80 x 30 Goal: Reduce GHGs by 80% compared to 1990 levels by 2030
- Transportation is Palo Alto's largest source of GHG emissions, 60.8%
- Reduce Vehicle Miles of Travel (VMT)



Palo Alto 2019 GHG Emissions by Sector

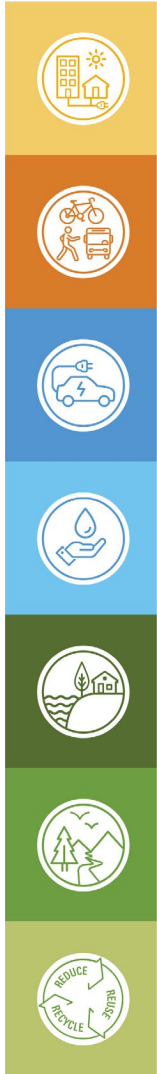
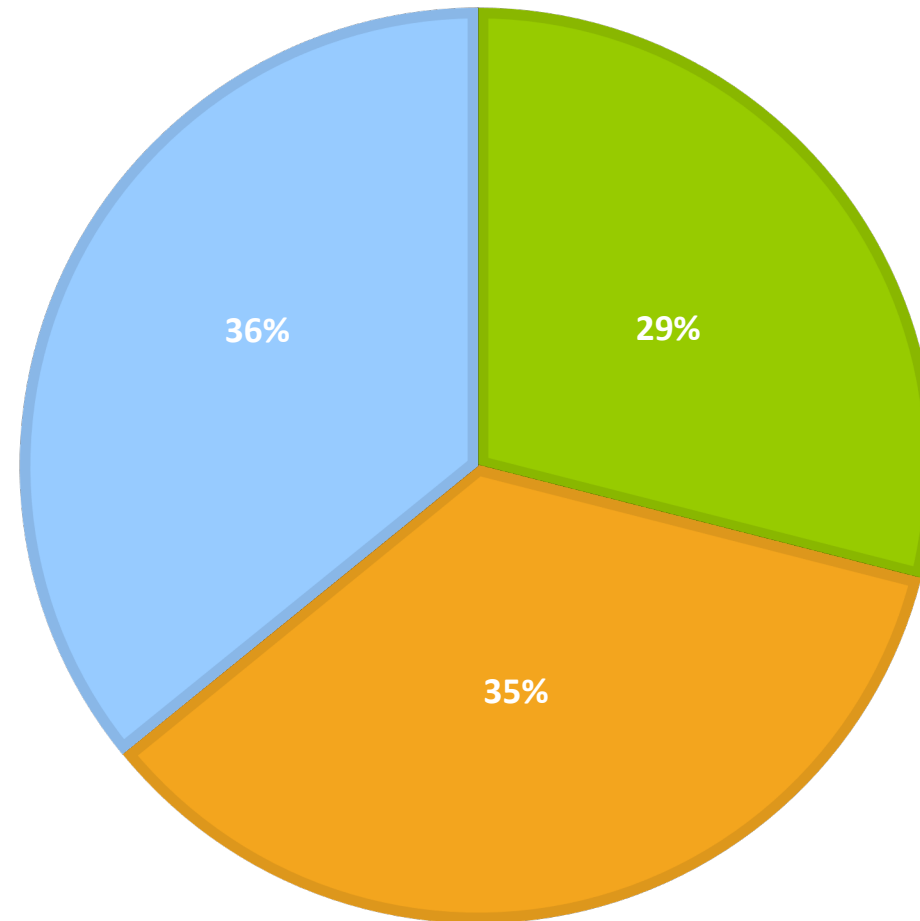
Ways to Reduce Transportation Emissions

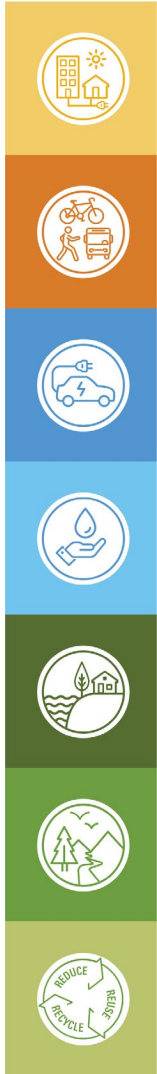


Transportation Related Emissions to Reach 80 x 30

2020 ROAD TRANSPORTATION EMISSIONS

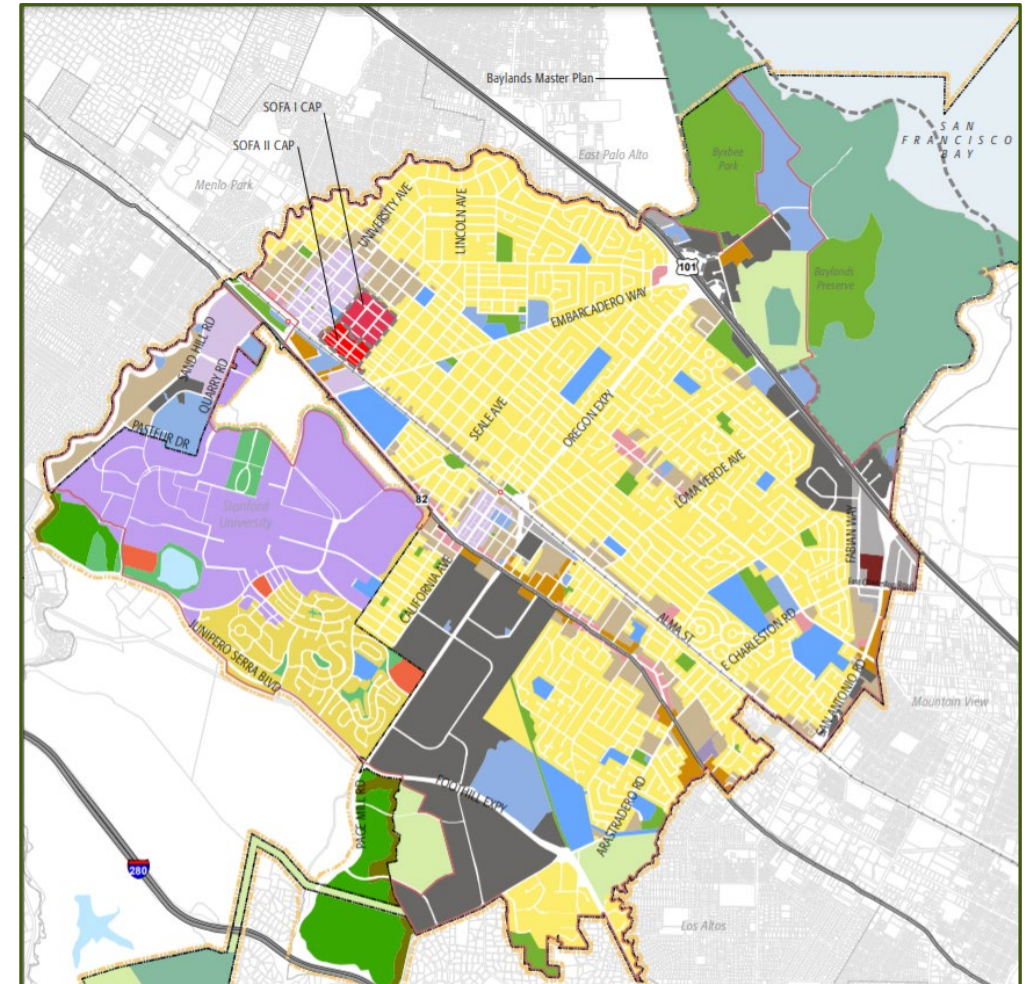
■ Residents ■ Commuters ■ Visitors





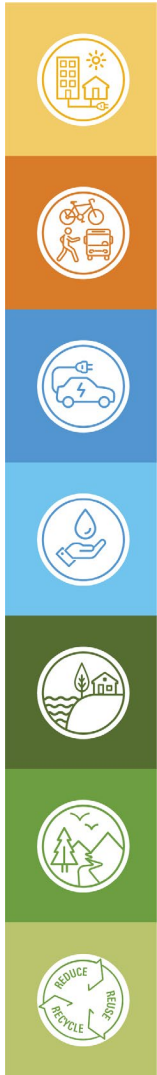
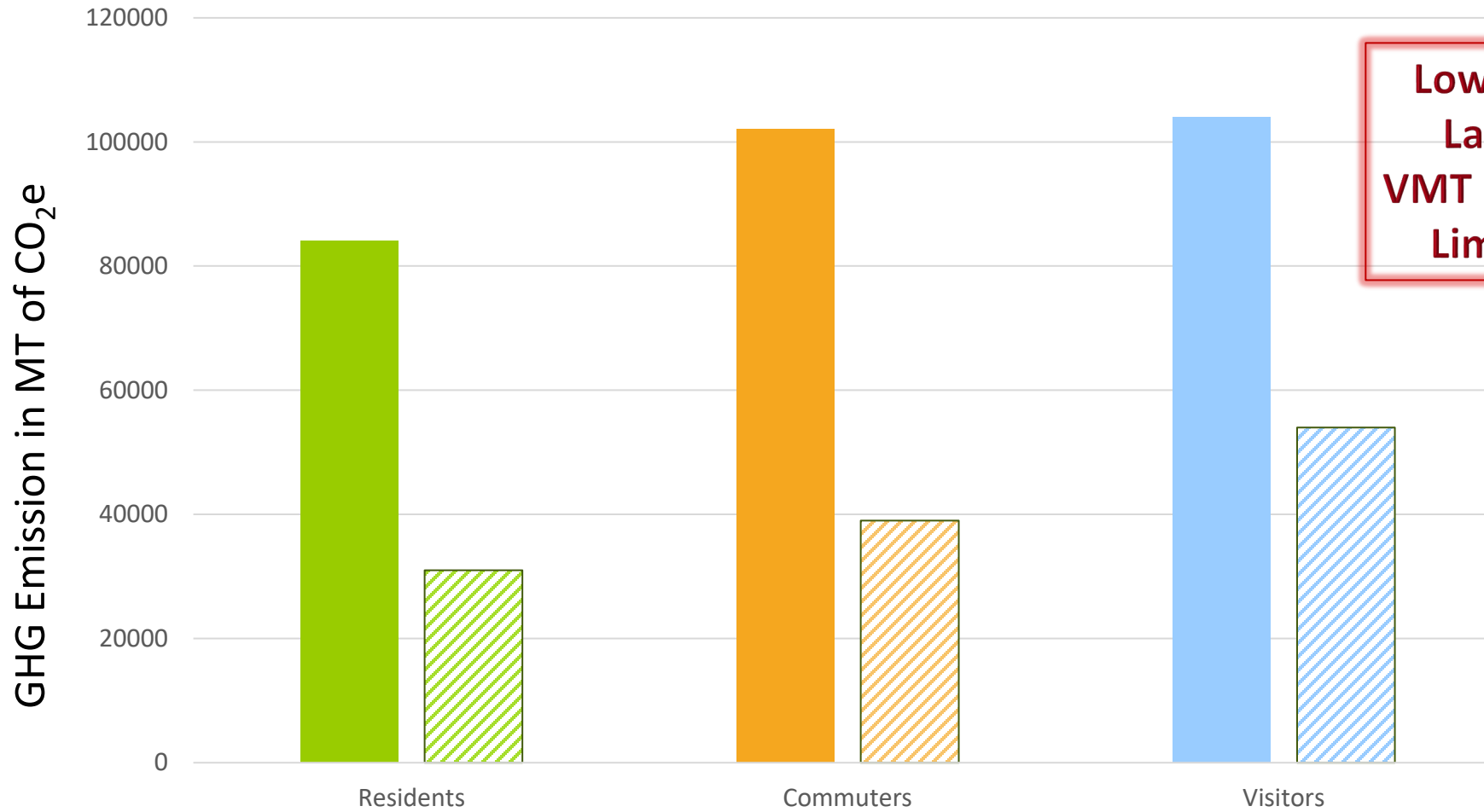
Reduce VMT in three areas:

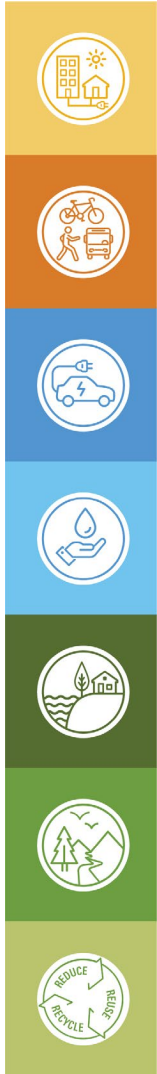
- Improve land use
- Improve active transportation modes: walking, biking, transit
- Promote active transportation



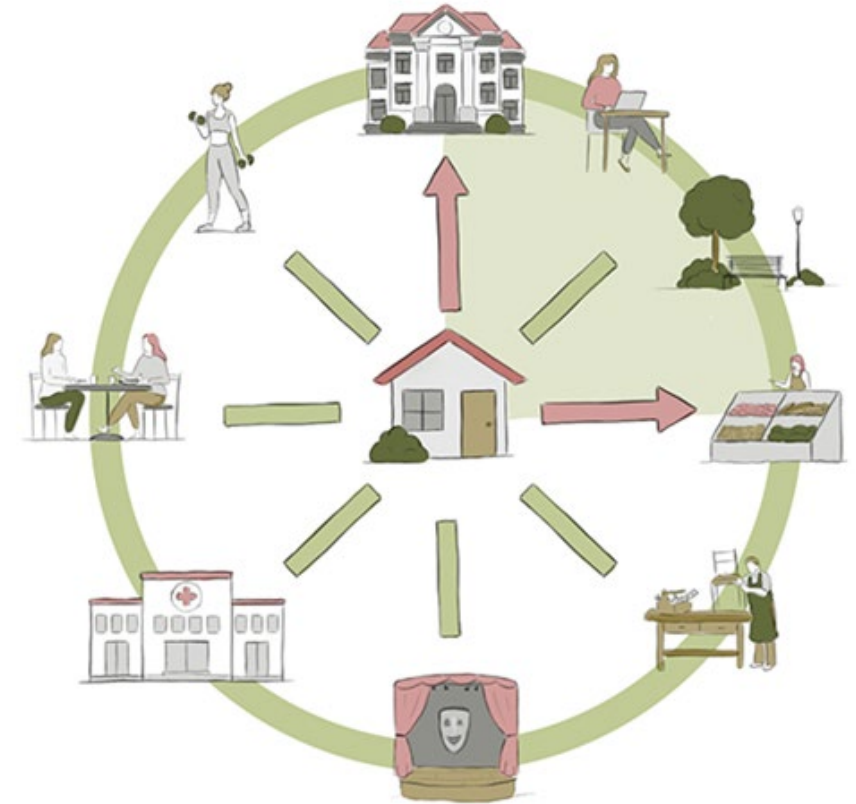
Transportation-Related Emissions to Reach 80 x 30

2019 to 2030 EMISSIONS TARGETS





- Land use determines VMT and GHGs
- In the short-term, land use is fixed
- Over time, thoughtful land use can reduce VMT
- Example: The 15-Minute City



“The best transportation policy is a good land use policy.”



- Statewide: Locate housing close to jobs to reduce VMT



- Jobs-housing imbalance in Palo Alto



- Add housing

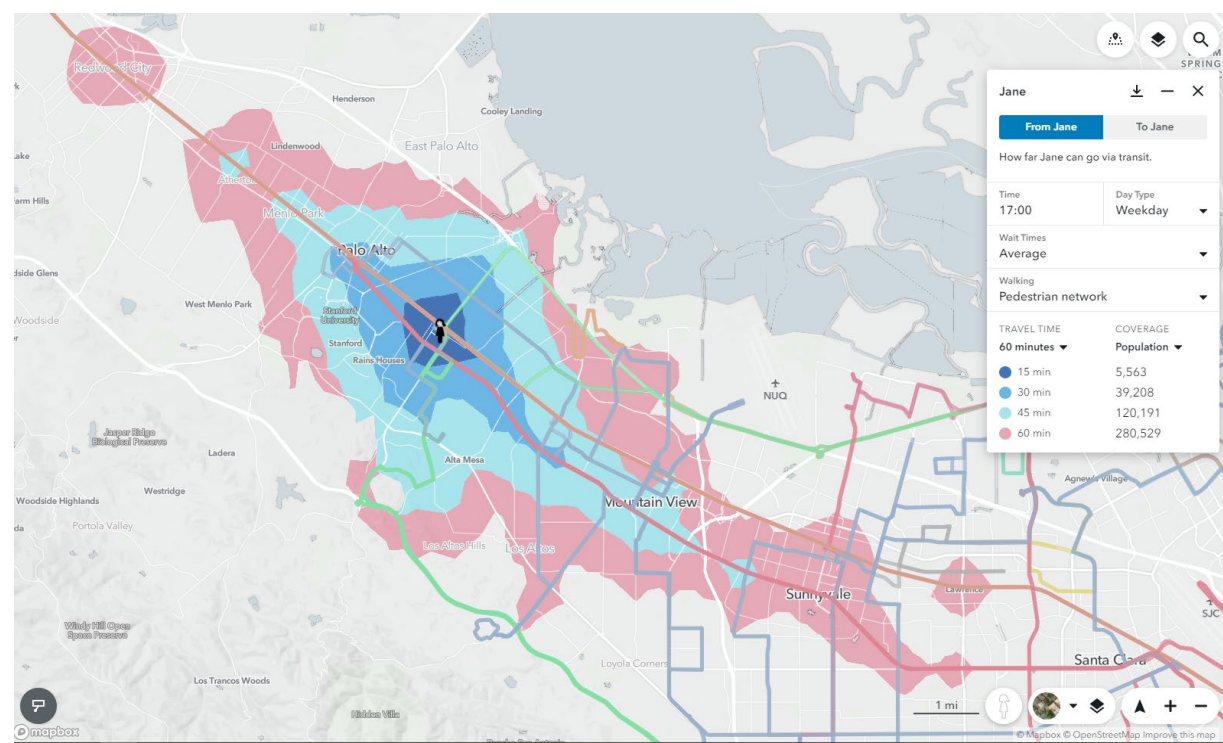
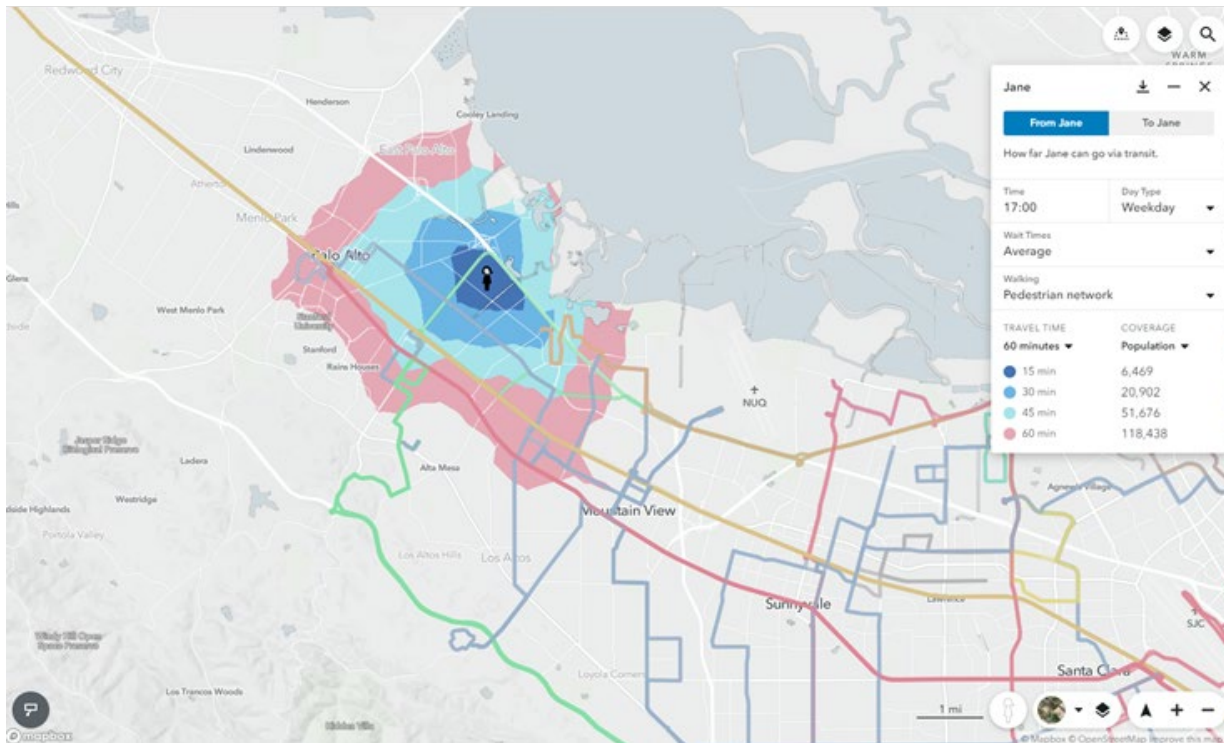


- Provide higher density housing along frequent transit corridors (ECR) and at train stations



Location & Travel Options

How far can "Jane" go in 15, 30, 45, & 60 minutes? Midtown vs California Ave Caltrain



More Land Use Policy Examples



- Manage parking supply and price, unbundle parking



- Provide mobility options: Site housing near transit, walking, biking facilities



- Urban design/Place-making/Mix of services



- Improve housing affordability: Add mixed-income housing



- Site housing close to services and employment; convert commercial/industrial sites to housing





How to reduce VMT & preserve mobility as we grow?

- We have limited road space
- Biking and transit increase the carrying capacity of our limited right of way

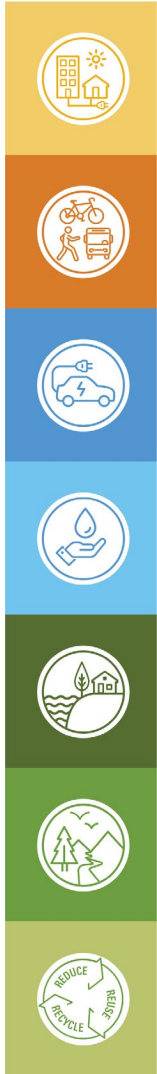


Expand Travel Options



- Diversify travel modes available
- Build/adjust infrastructure to increase capacity for active transportation
- Improve transit and traffic flow
- Goal: Seamless, coordinated travel





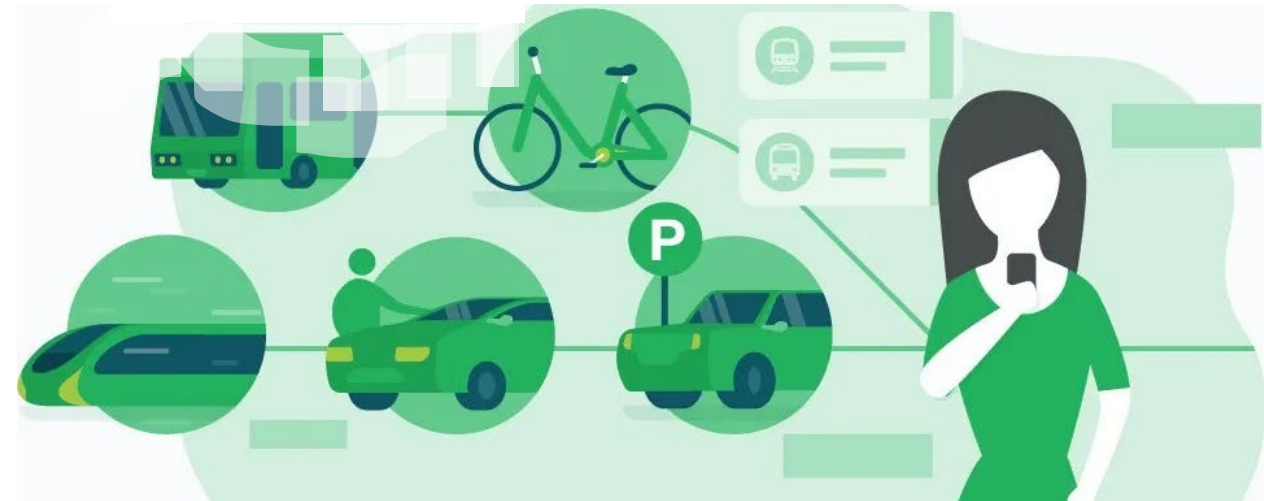
- South Palo Alto Bikeways Construction
- Bicycle and Pedestrian Transportation Plan Update Completion & Implementation
- Micromobility Pilot (Bike-/E-scooter-share)





- On-Demand Transit Pilot
- Designation of Vehicle-Free Streets*
- Neighborhood Mobility Hubs Pilot*
- Mobility as a Service (MaaS)*

*Needs approval/resources



Promote Active Transportation



Promote a “right tool for the job” approach to travel mode



- Pricing
- Managing Parking
- Education/Encouragement
- Transportation Demand Management Plan Compliance





- Smart Parking Infrastructure Installation in Public Garages
- Competitively Priced Employee Parking Permit Fees
- Paid Parking On-Street and in Public Garages*
- Revision of Minimum Parking Requirements to Reduce Trips & VMT*

*Needs approval/resources



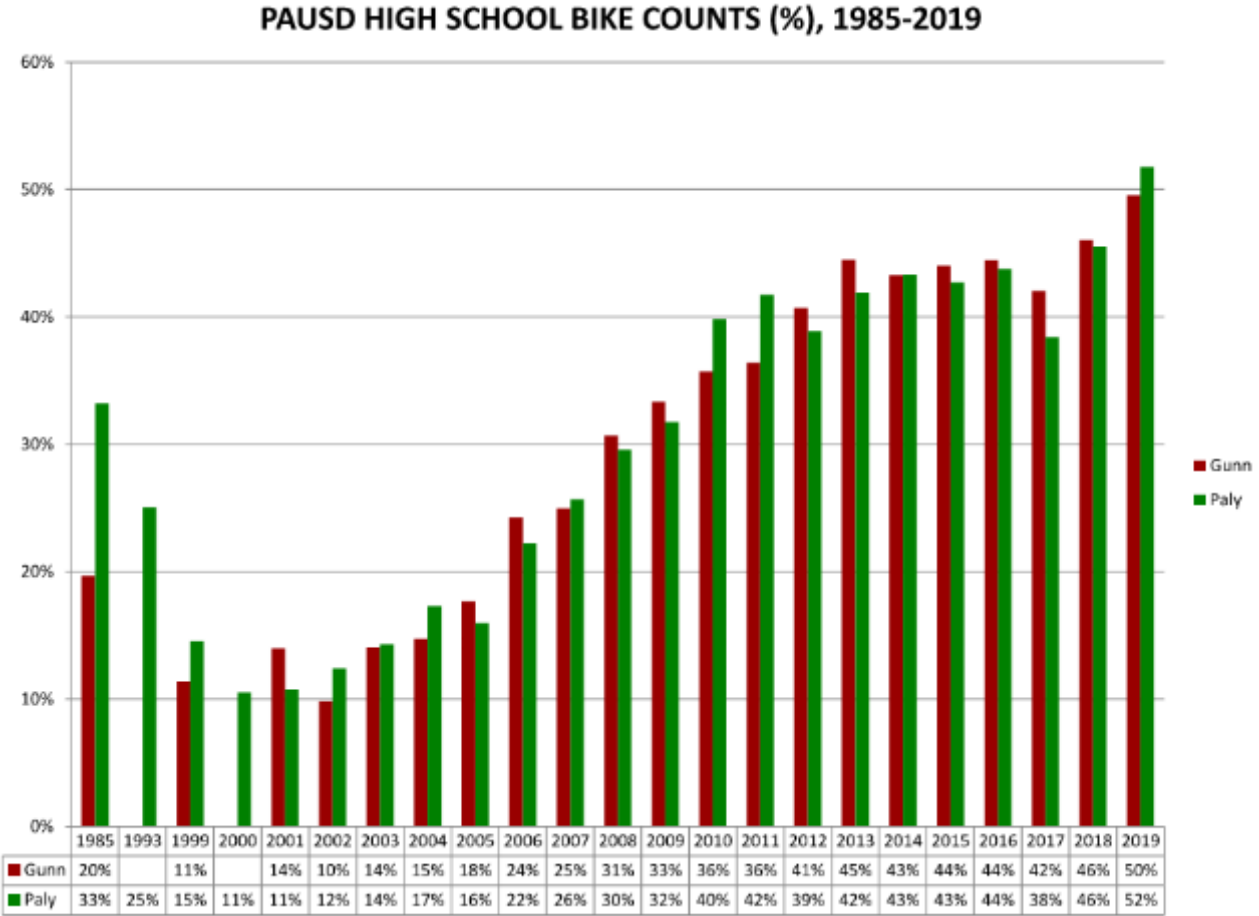
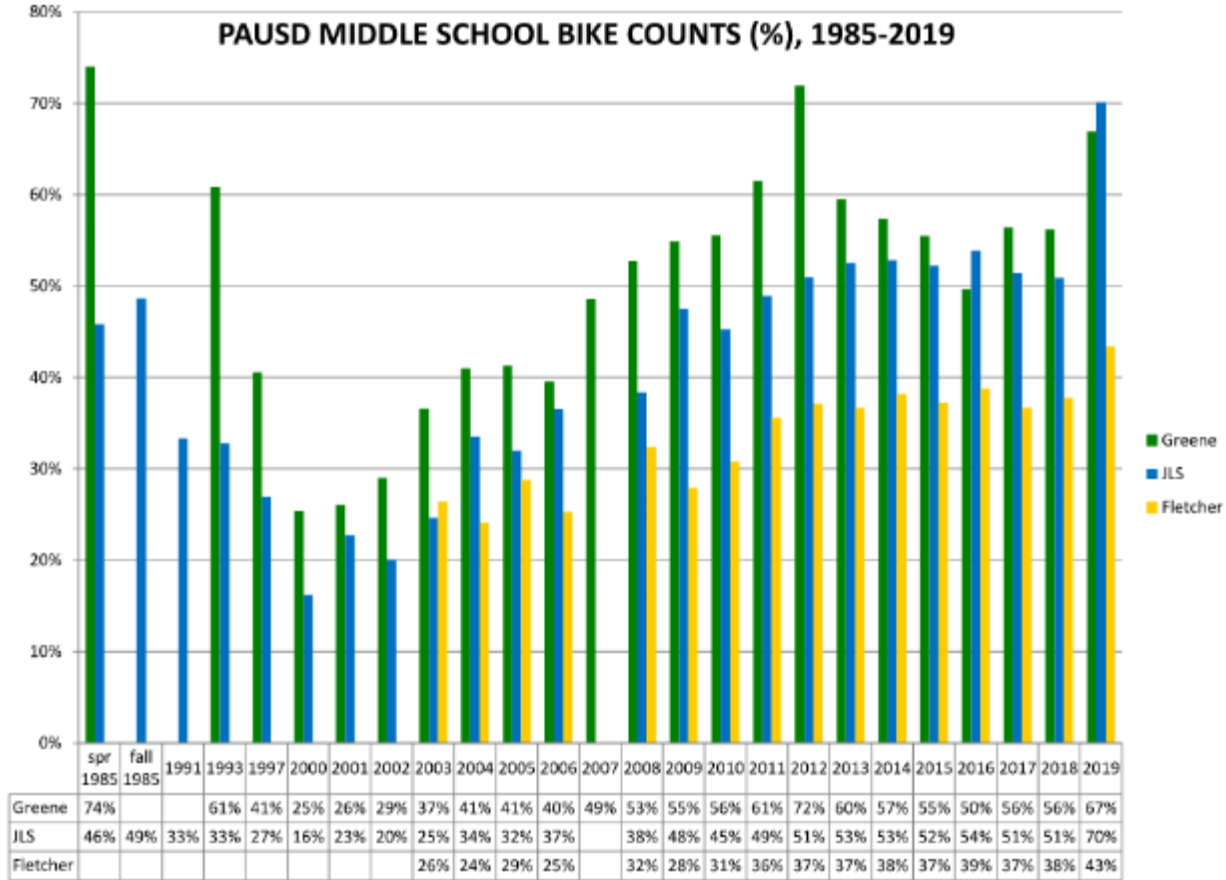


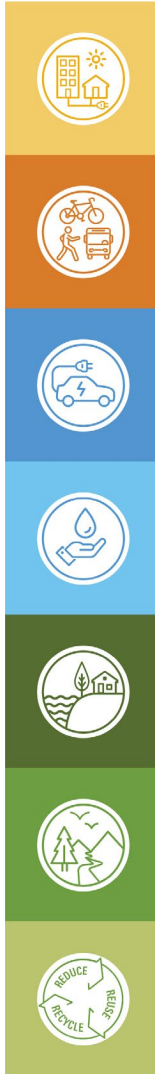
- Coordinated Commute & Building Emissions Reduction Program for Large Utilities Clients*
- Transportation Demand Management Ordinance & Enforcement Staffing*
- Transportation Management Association (TMA) Expansion*
- Mobility Programs for All Abilities*

*Needs approval/resources



Success: PAUSD Middle and High School Biking (%)

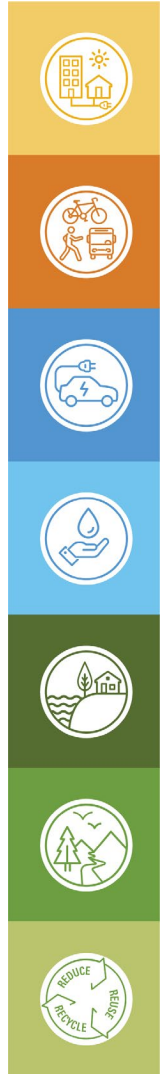




- Bicycle and Pedestrian Transportation Plan Update
- Low-VMT Land Use/Transportation Planning Study*
- Mobility Equity Needs Assessment*
- Vision Zero/Safe Systems Data Collection & Analysis*

*Needs approval/resources







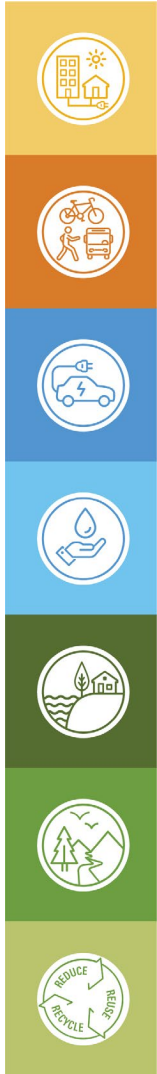
January 13, 2022



- **Climate Impacts**

- Health Impacts from Wildfires
- Wildfire Protection
- Sea Level Rise





You can also submit comments and questions to sustainability@cityofpaloalto.org



SUSTAINABILITY & CLIMATE ACTION PLAN

Thank You!

Please submit questions or comments to
sustainability@cityofpaloalto.org

Acting Now for a Resilient Future



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**PALO
ALTO**