

Mayors' Commission on Climate Change

Meeting #4 | August 1, 2019

City of
SACRAMENTO



WELCOME

Anne Stausboll | Commission Chair

WELCOME

Mayor Cabaldon | City of West Sacramento

PROGRESS REPORT

Kate Meis | Local Government Commission

City of West Sacramento **Climate & Resiliency Action Plan**

David Tilley
City of West Sacramento



Background

- ▶ Location: along the Sacramento River in eastern Yolo County
- ▶ Diversity: home of the Port of West Sacramento, Raley Field, CalSTRS, numerous commercial and industrial businesses, agriculture, and several distinct residential neighborhoods
- ▶ Growth: the City's population is estimated to exceed 80,000 by 2035



Image courtesy of the Sacramento Archives and Museum Collection

Climate Action Plan (CAP)

The City's current Climate Action Plan (CAP), first drafted in 2009.

2009

Most recently during the comprehensive update to the City's General Plan that concluded in November 2016.

Nov. 2016

2013

Since 2009 CAP has included edits to the energy efficiency section in 2013 along with establishing a new greenhouse gas emissions base year of 2011.

West Sacramento Sustainability Efforts

- ▶ Incorporating mix use developments while keeping sustainability in mind
- ▶ Strict green building and energy codes
- ▶ PV and hybrid vehicles added to city property
- ▶ Compact infill mixed use development
- ▶ Via (on-demand microtransit) and JUMP
- ▶ Early implementation of SB-743 / VMT-based thresholds
- ▶ No annexations



Transportation is a **huge contributor of GHG emissions**, and as a city we want to lessen our impact by implementing a variety of reduction measures:

- ▶ Promote community purchases of compact and hybrid vehicles
- ▶ Encourage development of alternative fuel capability at existing gas stations
- ▶ Develop enhanced transit system
- ▶ Change zoning ordinance to require secure bike storage facilities for significant new private development
- ▶ Recruitment of employers to reduce VMT
- ▶ Active transportation projects



Looking Forward...



Update GHG inventory to incorporate mitigation tactics



Increase the City's waste diversion target to 75% by 2020



Improve the quality of life for disadvantaged communities



Update Climate Action Plan to represent the needs of the city



Carbon sequestration



Stakeholders engagement

Community/City Engagement

City

- ▶ Environment & Utilities Commission
- ▶ Transportation, Mobility & Infrastructure Commission
- ▶ Planning Commission
- ▶ City Council

Community

- ▶ Public workshops to help residents and businesses consider their contribution to climate change in their daily activities.
- ▶ Stakeholder interviews to learn how solar PV installations have worked
- ▶ Public interface with a dashboard or a similar web-based tool to learn about the CAP and actions they can take
- ▶ Prioritize disadvantaged communities and equity throughout engagement efforts

Review and Implementation



Maintain implementation schedules and ensure emissions reductions are achieved in a cost-effective manner.



Staff will provide guidance and support to County staff on financial, programmatic, and technical matters.



Coordinate with departments, establish partnerships, and engage the community and key stakeholders.



Adopt and update ordinances and codes.

Timeline: CAP Update

- ▶ RFP has been released (proposals due in August 2019)
- ▶ Consultant selection in September 2019
- ▶ The process may take up 6- 12 months
 - ▶ Informed by Mayors' Commission reports

A photograph of a community outreach event taking place in a school hallway. The floor is covered in a black and white checkered tile pattern. In the foreground, a man in a light blue button-down shirt and khaki pants is standing and looking at a document. To his left, a woman is sitting at a table covered with a wooden top, which is cluttered with numerous colorful sticky notes (yellow, green, pink) and papers. Other people are visible in the background, some standing and talking, others sitting at tables. There are orange and blue balloons on the left side of the hallway. The walls are light-colored, and there are various posters and notices pinned to them. The overall atmosphere is busy and collaborative.

CITY OF SACRAMENTO COMMUNITY OUTREACH UPDATES & FINDINGS


Remi Mendoza | City of Sacramento



City of SACRAMENTO

City of Sacramento General Plan Update and Climate Action Plan

sacramento | 2040



Help Shape the South Area Plan

Monday, August 5, 2019
5:30 - 7:30 p.m.

Common Ground Church | 8355 Arroyo Vista Dr, Sacramento


The Sacramento General Plan includes 10 community plans that identify and address local issues and opportunities in our neighborhoods.

We need your input to refresh the community plans and ensure they reflect local priorities. Join us for a community workshop to help shape the South Area on Monday, August 5.

Be sure to arrive by 5:30 p.m. and plan to stay until 7:30 p.m. Food will be provided at this family-friendly event.

Meeting agenda
5:30 p.m. Welcome + live polling exercise
5:40 p.m. Presentation
6:10 p.m. Group activity
7:10 p.m. Wrap-up

Please RSVP
<http://bit.ly/southareacpa>



South Area Plan Area, highlighted in orange

For reasonable accommodation needs due to a physical disability that may hinder your participation, please contact the City's ADA Coordinator directly at (916) 808-8795.

Do you require translation to another language? Please let us know at least one week before the meeting.

CALL 311 我們講中文 • Hablamos español • Мы говорим по-русски • ភាសាខ្មែរ • Peh hais lus Hmoob • Chúng tôi nói tiếng Việt

More information can be found online at www.sac2040gpu.org

Questions? Contact kdurham@aimconsultingco.com

City of SACRAMENTO

City of Sacramento General Plan Update and Climate Action Plan

sacramento | 2040



Help Shape the North Sacramento Plan

Wednesday, August 7, 2019
5:30 - 7:30 p.m.

Grant High School | 1400 Grand Ave, Sacramento

The Sacramento General Plan includes 10 community plans that identify and address local issues and opportunities in our neighborhoods.

We need your input to refresh the community plans and ensure they reflect local priorities. Join us for a community workshop to help shape the North Sacramento on Wednesday, August 7.

Be sure to arrive by 5:30 p.m. and plan to stay until 7:30 p.m. Food will be provided at this family-friendly event.

Meeting agenda
5:30 p.m. Welcome + live polling exercise
5:40 p.m. Presentation
6:10 p.m. Group activity
7:10 p.m. Wrap-up

Please RSVP
<http://bit.ly/northsacramentocpa>



North Sacramento Plan Area, highlighted in orange

For reasonable accommodation needs due to a physical disability that may hinder your participation, please contact the City's ADA Coordinator directly at (916) 808-8795.

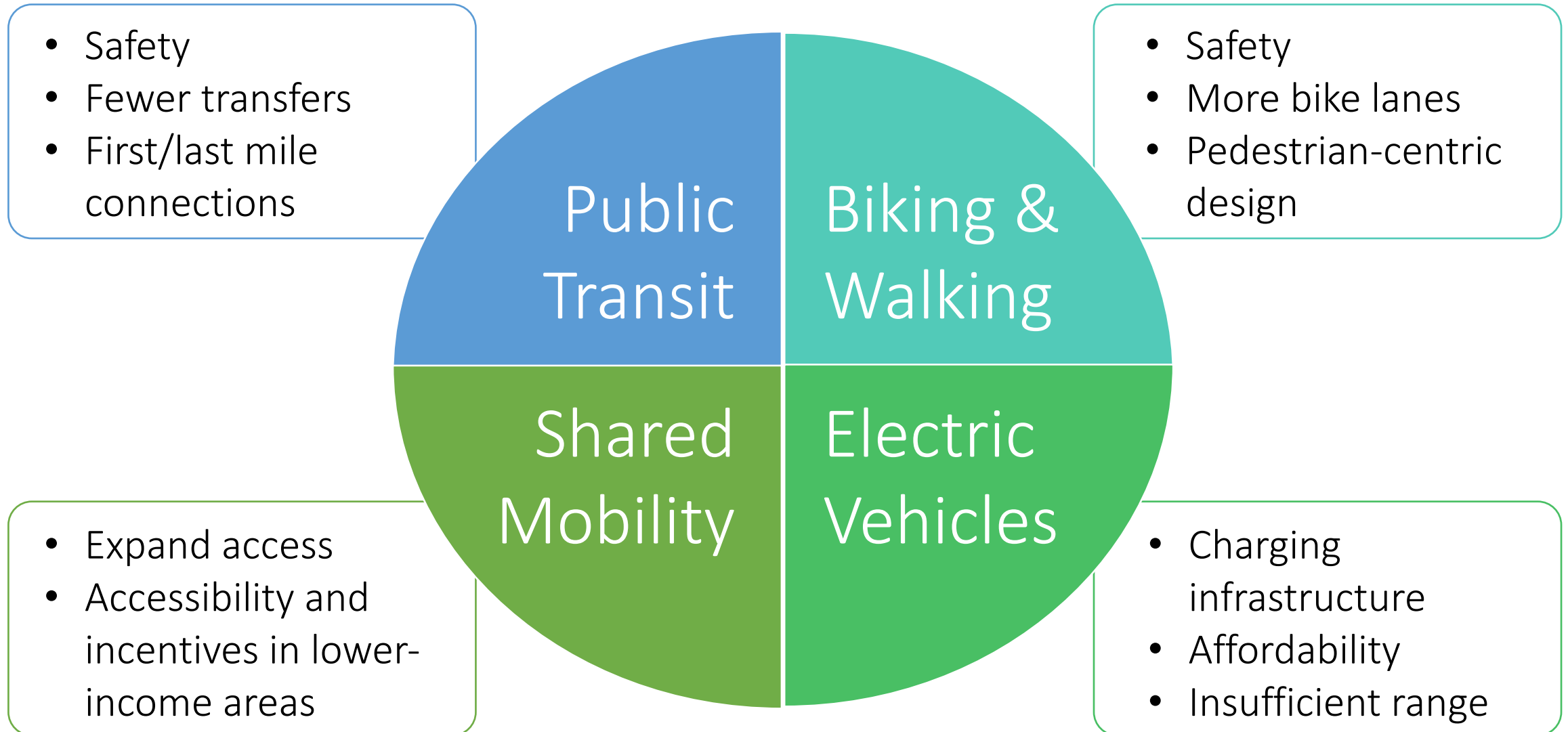
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Community Input on Mobility





BUILT ENVIRONMENT LAND USE STRATEGY

An aerial photograph of a city, likely New York City, showing a dense urban landscape with various buildings, streets, and a river (the Hudson River) winding through the upper portion of the image. The text is overlaid on this background.

PUBLIC COMMENT BUILT ENVIRONMENT LAND USE STRATEGY

1-2 minutes max per public comment



DISCUSSION BUILT ENVIRONMENT LAND USE STRATEGY

SACOG

Advancing Innovative Mobility

Monica Hernández

Director of Innovation & Partnerships



S A C O G

**Sacramento Area
Council of
Governments**



WHY

NOW?





Game Changers

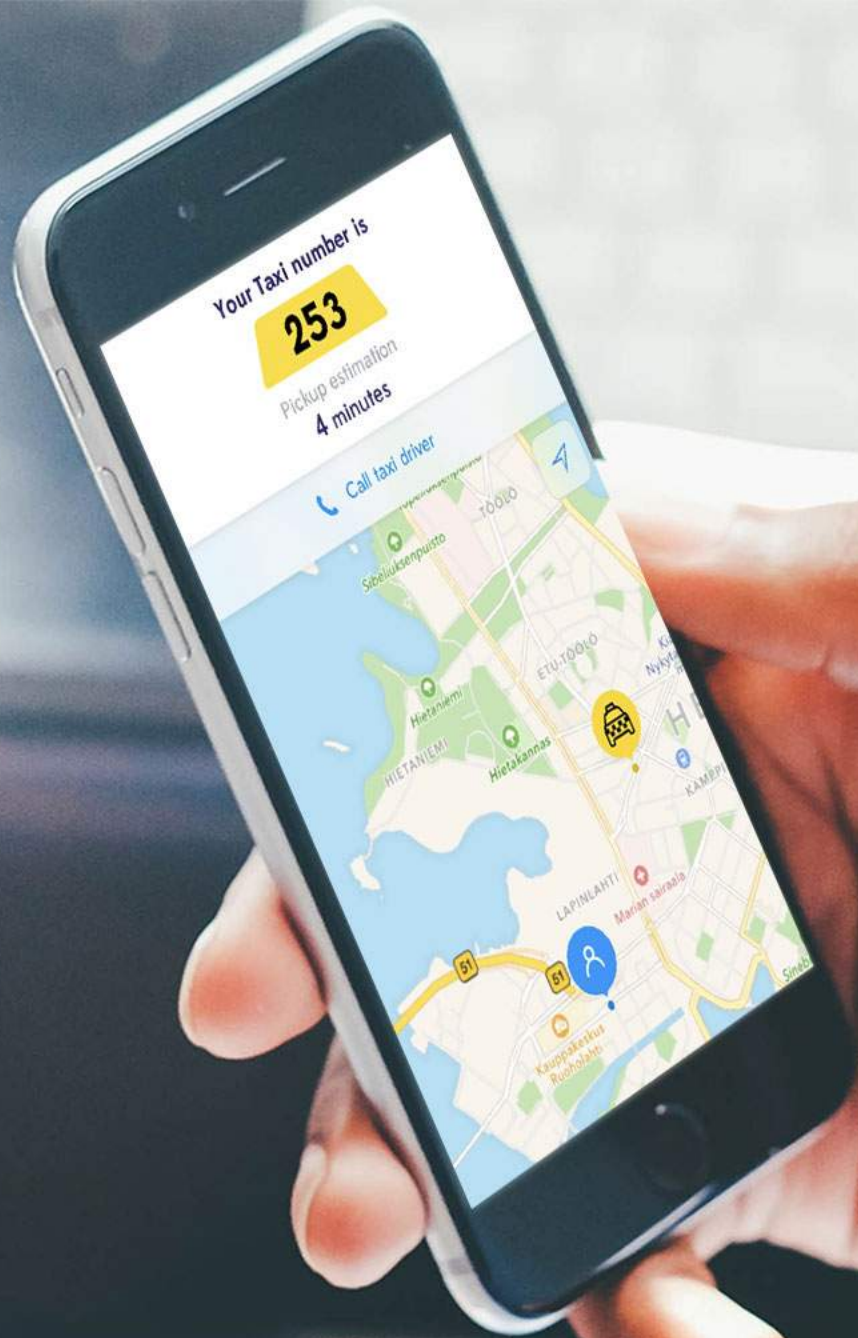
Technology

Ride sharing

Vehicle sharing

1st & last mile connections

MaaS





What We've Done



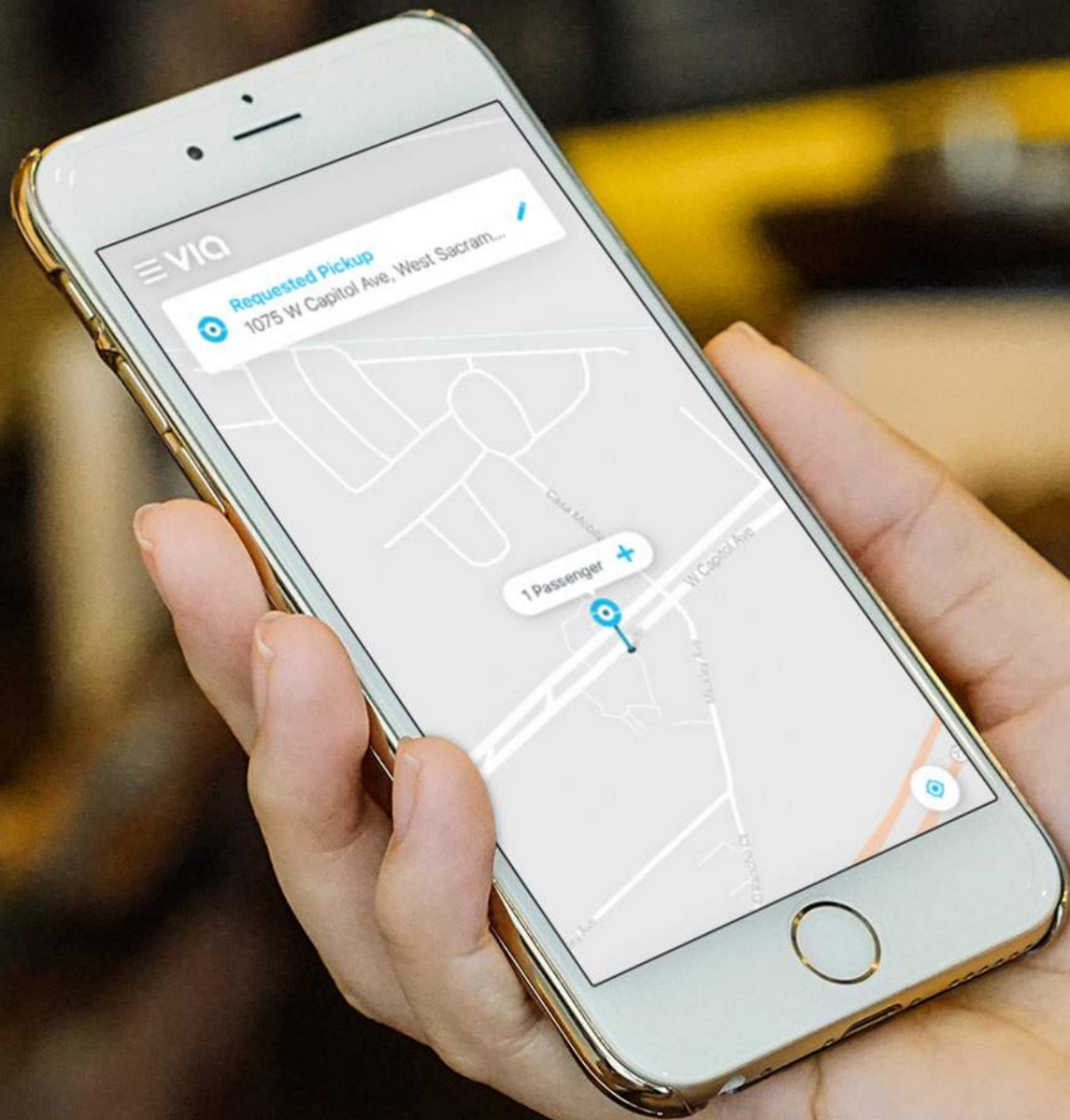
**Full & Partial Funding of Pilot
& Demonstration Projects**
Civic Lab
Technical Assistance

Move people in new ways

Connect to existing options

Reduce vehicle miles traveled

Leverage technology





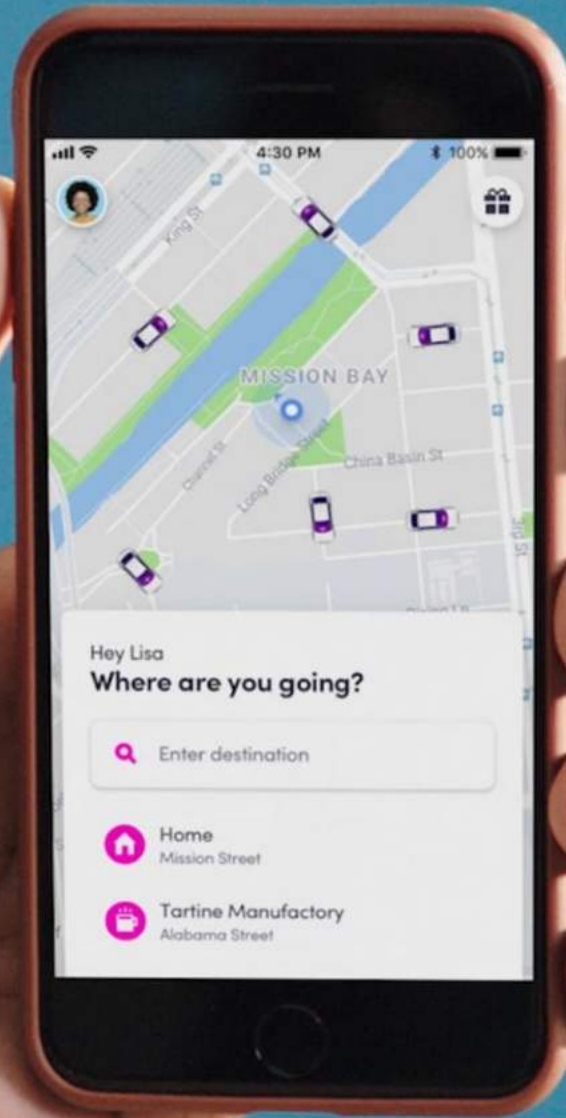
WEST
SACRAMENTO
ON-DEMAND





a fresh take.

RANCHO CORDOVA
CALIFORNIA

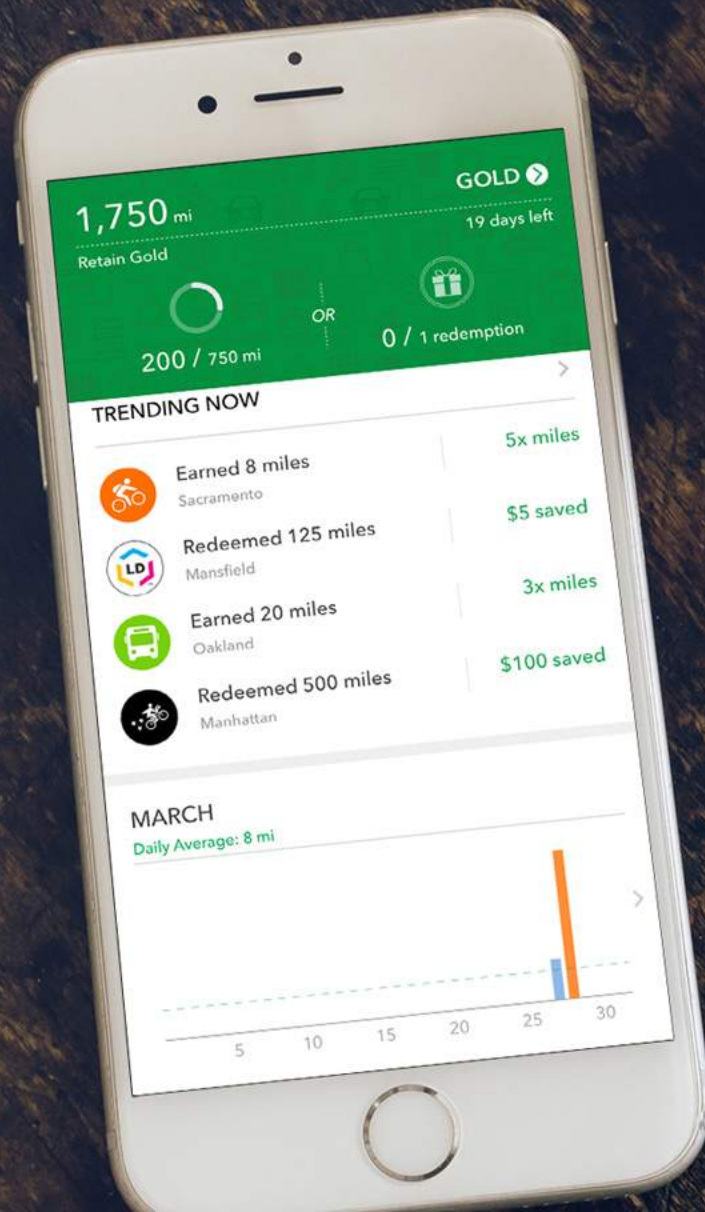








 Miles







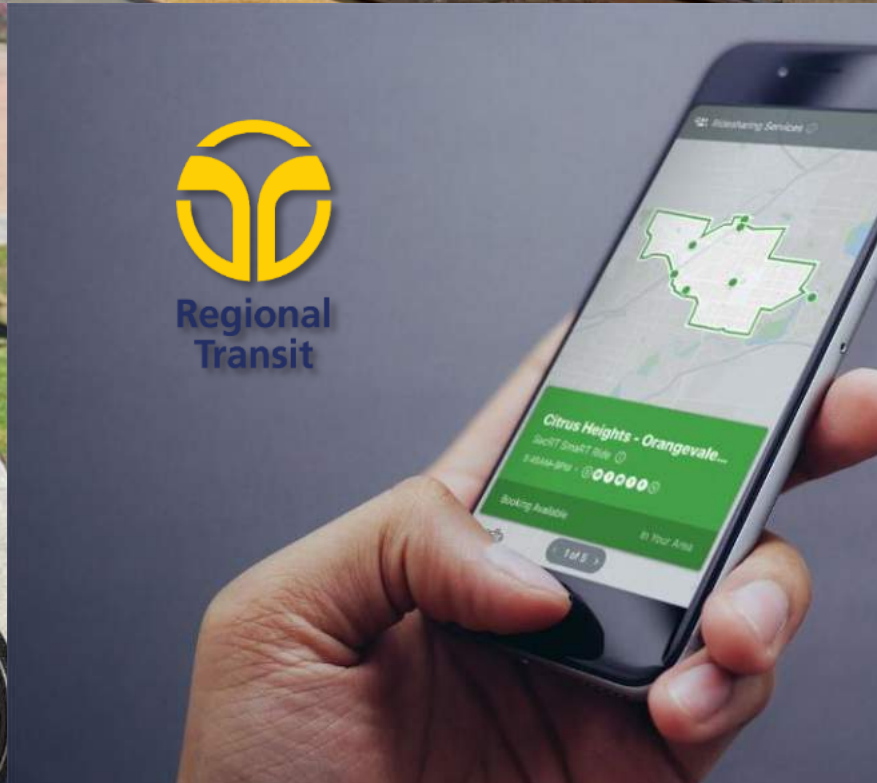
waze

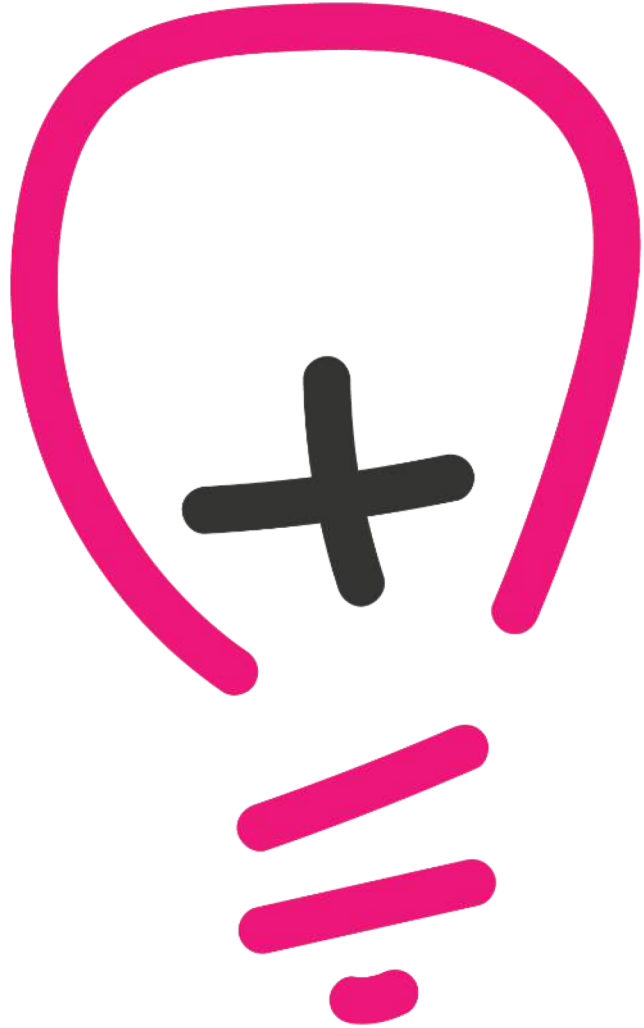




**Regional
Transit**







Civic Lab

Innovation and embracing risk



Year 1

City of Citrus Heights

City of Davis

City of Folsom

City of Rancho Cordova

City of Roseville

City of Sacramento

El Dorado County

Sacramento County

Yolo County



70+

**private & public
partners**







In the Pipeline

On-demand Shuttle

Knight's Landing

AV Passenger Shuttle

Rancho Cordova

Suburban Bike Share Pilot

Elk Grove, Folsom, Rancho Cordova

High School Ride Share App

San Juan Unified

Innovative Mobility

Ongoing program

Demonstration Projects

Funding

Pre-Qualified Vendors

Pilot

Measure/Assess

Scale/Fail

Network Capacity

State of the Industry Briefings

Alumni Network

Technical Assistance

Expert Connections

Mobility Accelerator

Ideate

Build

Validate

Scope, Schedule, Budget

Public Private Partnerships

Vendor Demo Day

Procurement

Opportunity Matchmaking

Use Case Identification

ADVANCING INNOVATIVE MOBILITY



CALIFORNIA
MOBILITY CENTER

DRIVING THE FUTURE OF ELECTRIC MOBILITY

Arlen Orchard

SMUD CEO & General Manager

August 1, 2019

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It may not be used, published or redistributed without prior written consent.

FOUR MEGATRENDS DEFINING MOBILITY

CONNECTIVITY

- Networking between vehicles and infrastructure
- Over-the-air software updates to deploy new features faster
- Enablement of shared services
- (e.g. Uber, Lyft, Tesla, etc.)

- Disruptive growth market for EVs to address climate change and air quality
- Less complex vehicles shifting value creation to smaller companies
- (e.g., EVs, Charging Infrastructure)

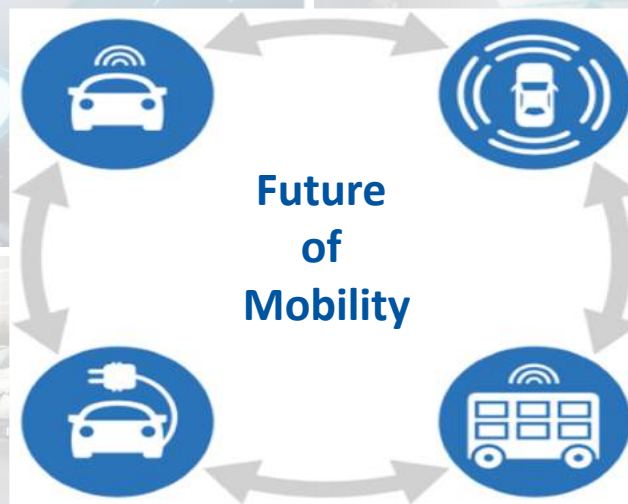
ELECTRIFICATION

AUTONOMOUS DRIVING

- Transition from assisted driving to fully autonomous driving
- Unlimited need for reliability
- Enablement of individual mobility for nondrivers
- (e.g., Olli, Waymo, etc.)

- Enabled by other 3 mega-trends
- Enablement of on-demand market for robo-taxis and shuttles
- Customized driver experiences
- (e.g., Envoy, Amply, etc.)

DIVERSE MOBILITY



Includes heavy, medium and light duty vehicles; public transit; school buses; motorcycles; scooters; and all necessary supporting systems

A HUB FOR MOBILITY INNOVATIONS



- Technology- and policy-driven
- Partnership of founders and members to:
 - Attract new businesses, investments and start-ups
 - Work collaboratively with local governments, regulators, manufacturers, utilities, universities, community colleges and international partners
- Catalyze workforce development
 - Develop training and job opportunities in advanced manufacturing, engineering, and technology.

WHAT WE HAVE DONE SO FAR



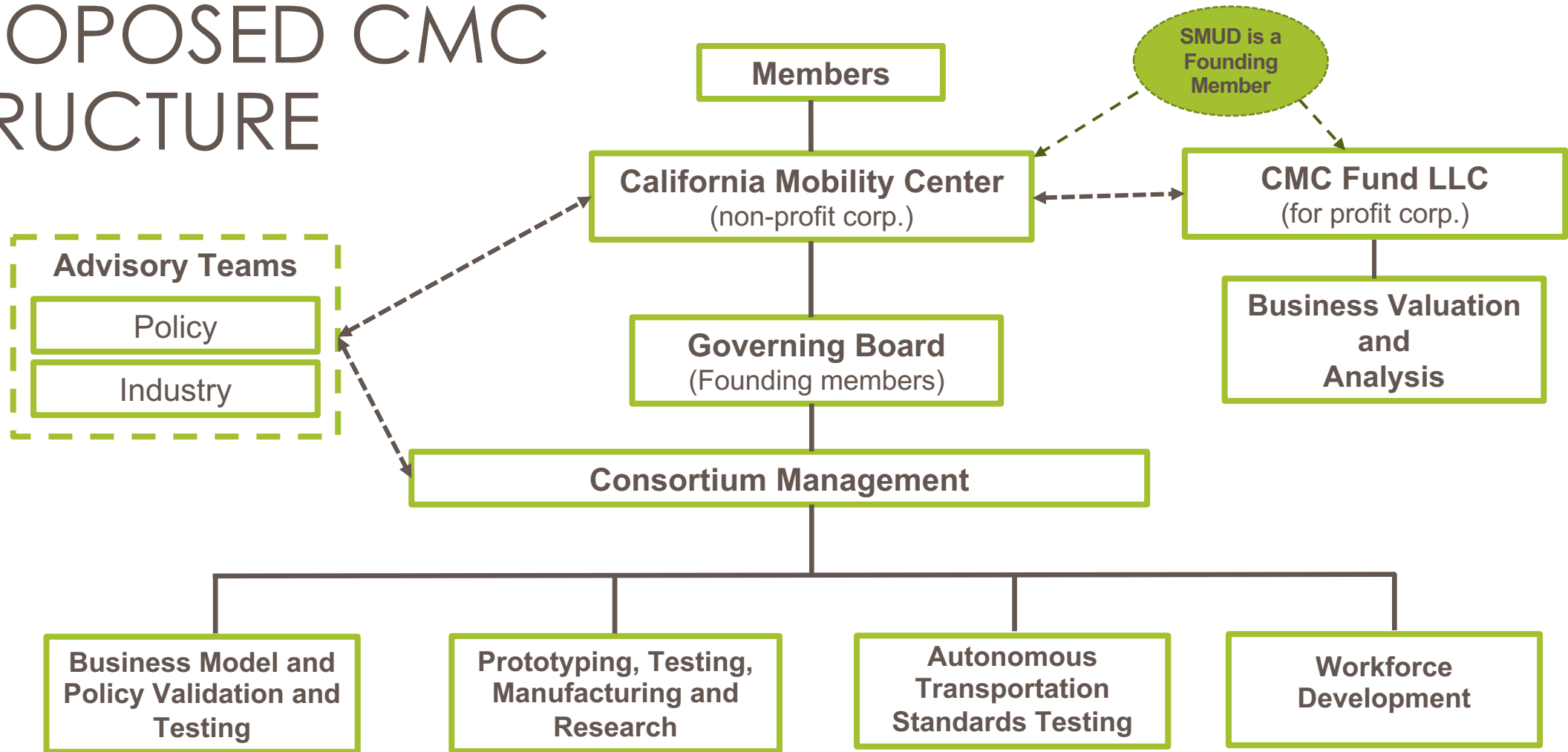
Proposed business structure for the California Mobility Center - legal, governance and funding framework, and potential revenue model including value sharing mechanisms for members and investors



Feasibility study by PEM Motion (Aachen, Germany) for replicating their advanced prototyping and manufacturing ramp-up factory here in Sacramento as a key component of the California Mobility Center



PROPOSED CMC STRUCTURE



Other founders likely to be local partners, large original equipment manufacturers, and other large, technology-intensive, progressive companies

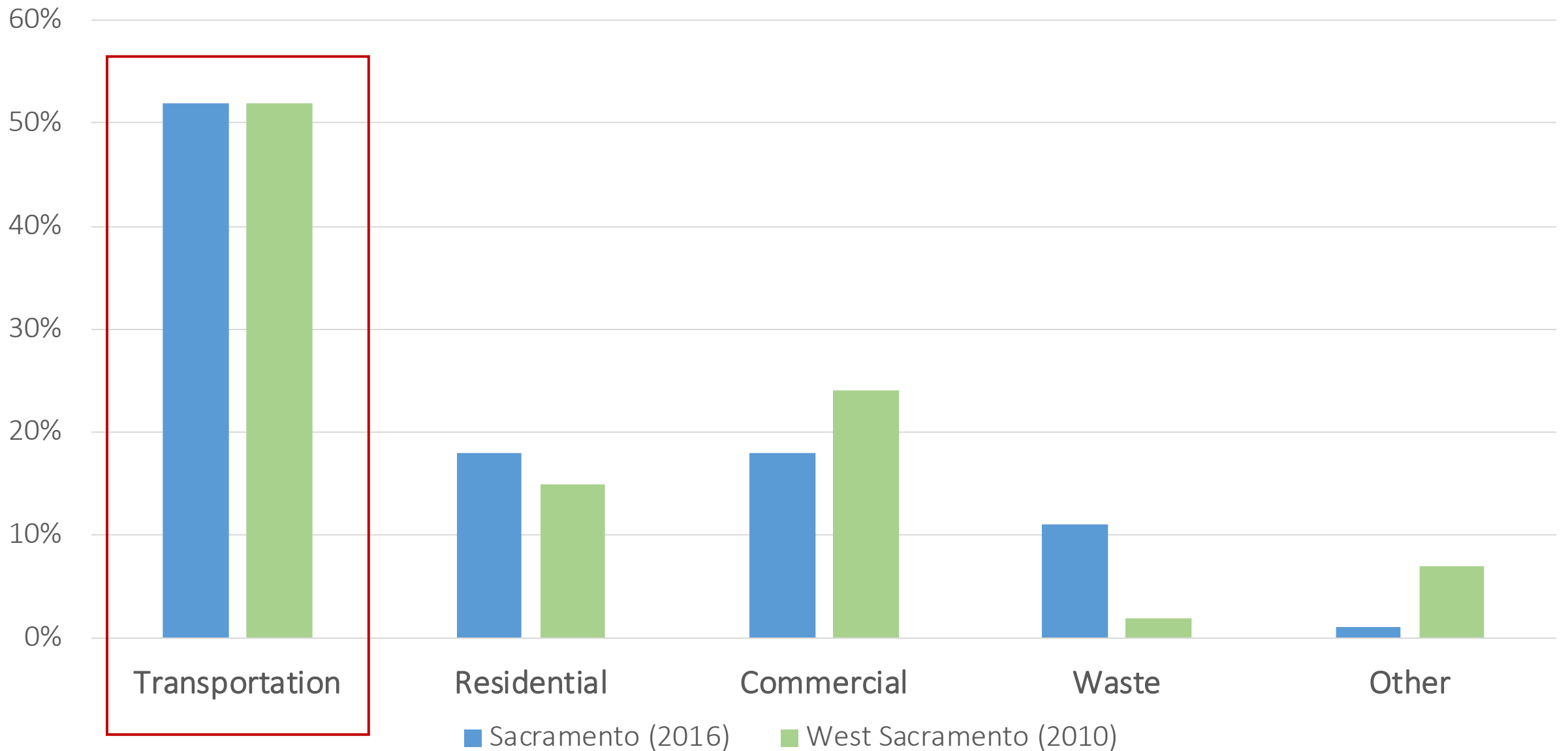
Questions?



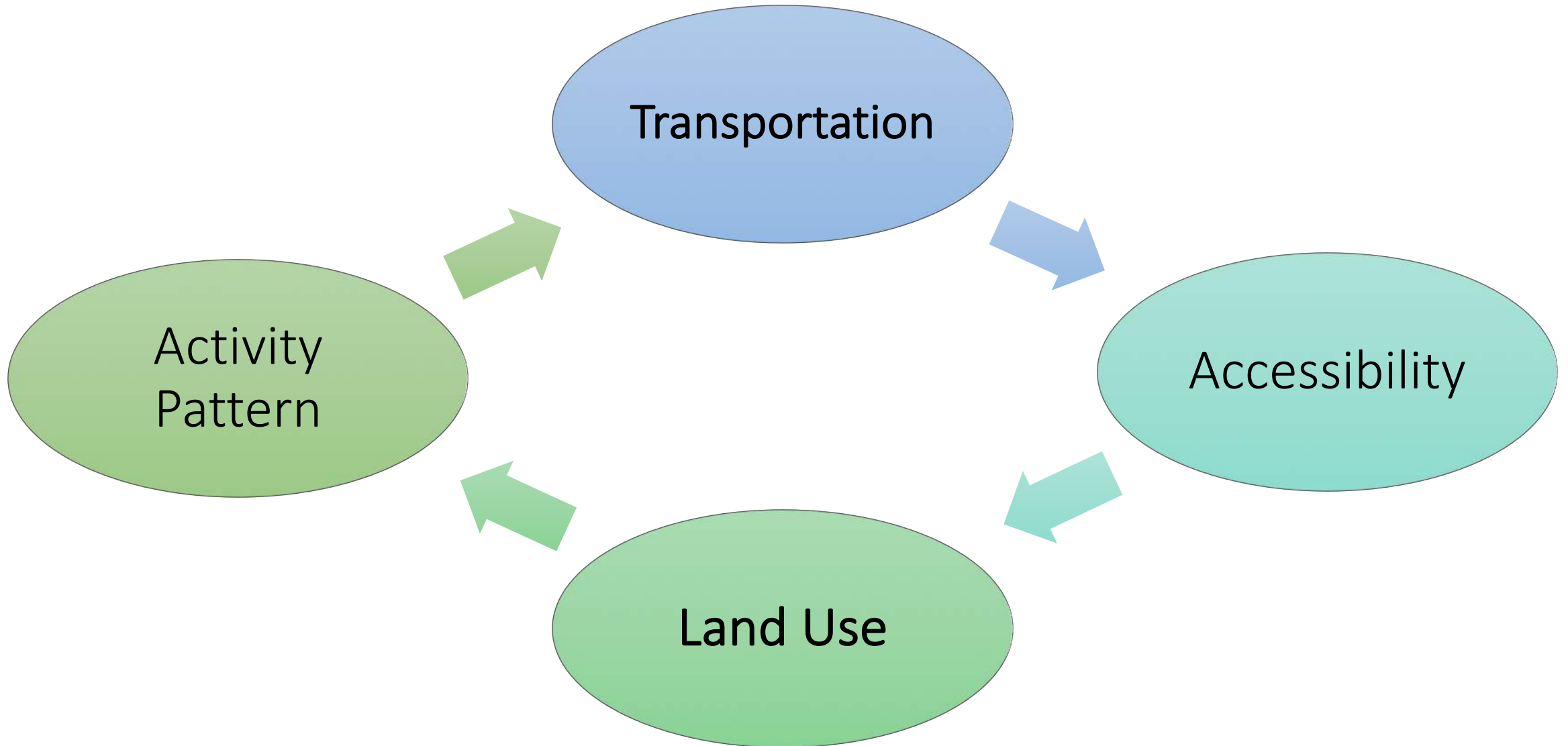
A blurred light rail train, primarily white with blue and yellow accents, is moving from left to right across the frame. The background shows a city street with green trees, a clear blue sky, and a building with a sign that says "ASUKI". The overall scene is bright and sunny.

PRELIMINARY RECOMMENDATIONS FOR MOBILITY

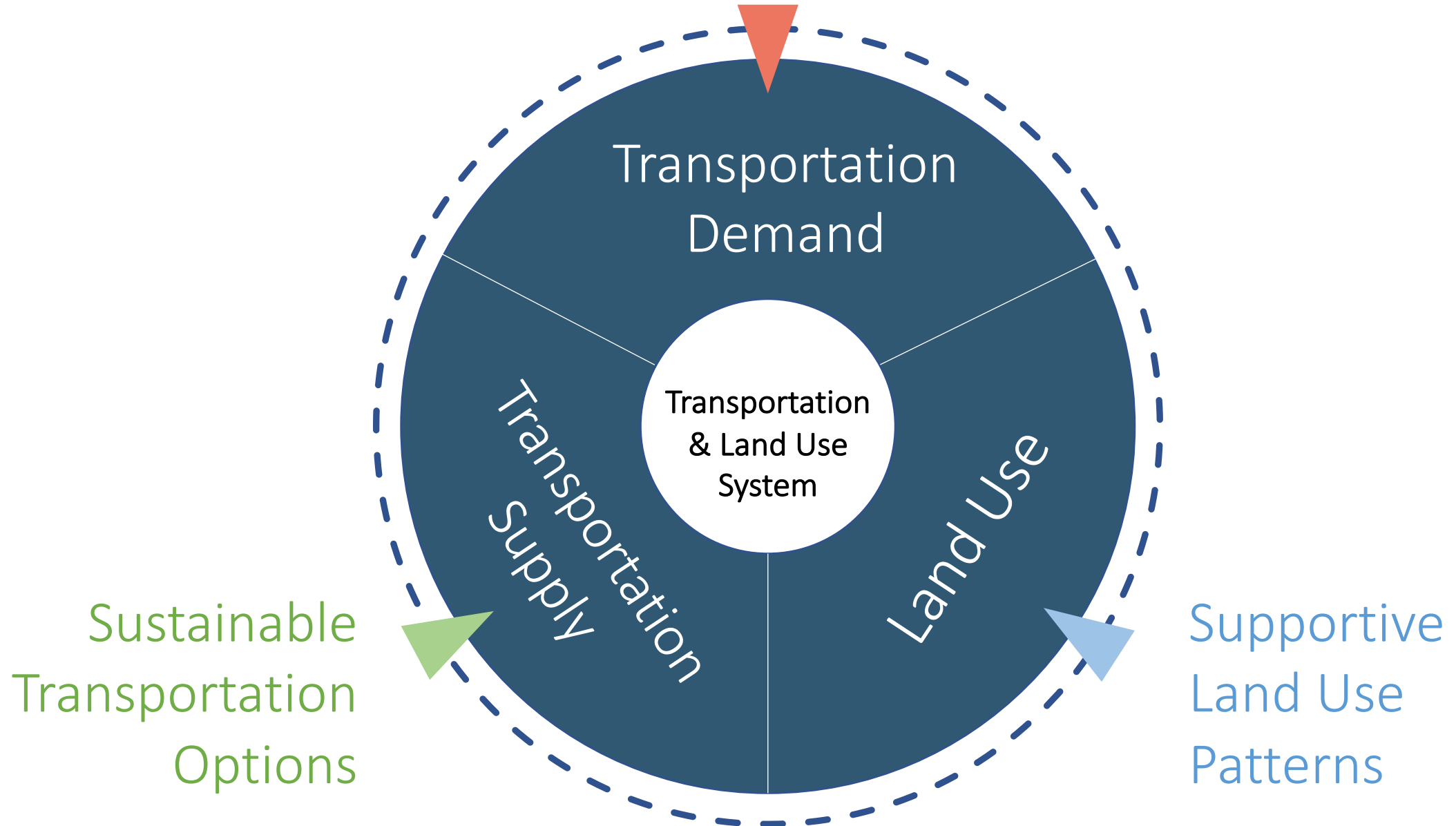
Transportation Sector Emissions

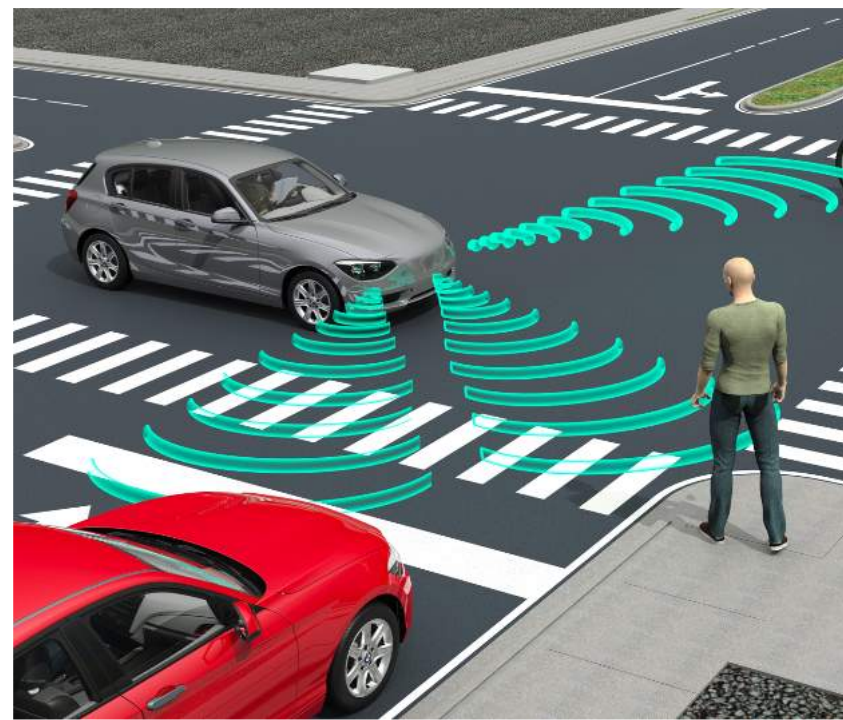


Transportation & Land Use



Transportation Demand Management





Franklin Boulevard Complete Street Project

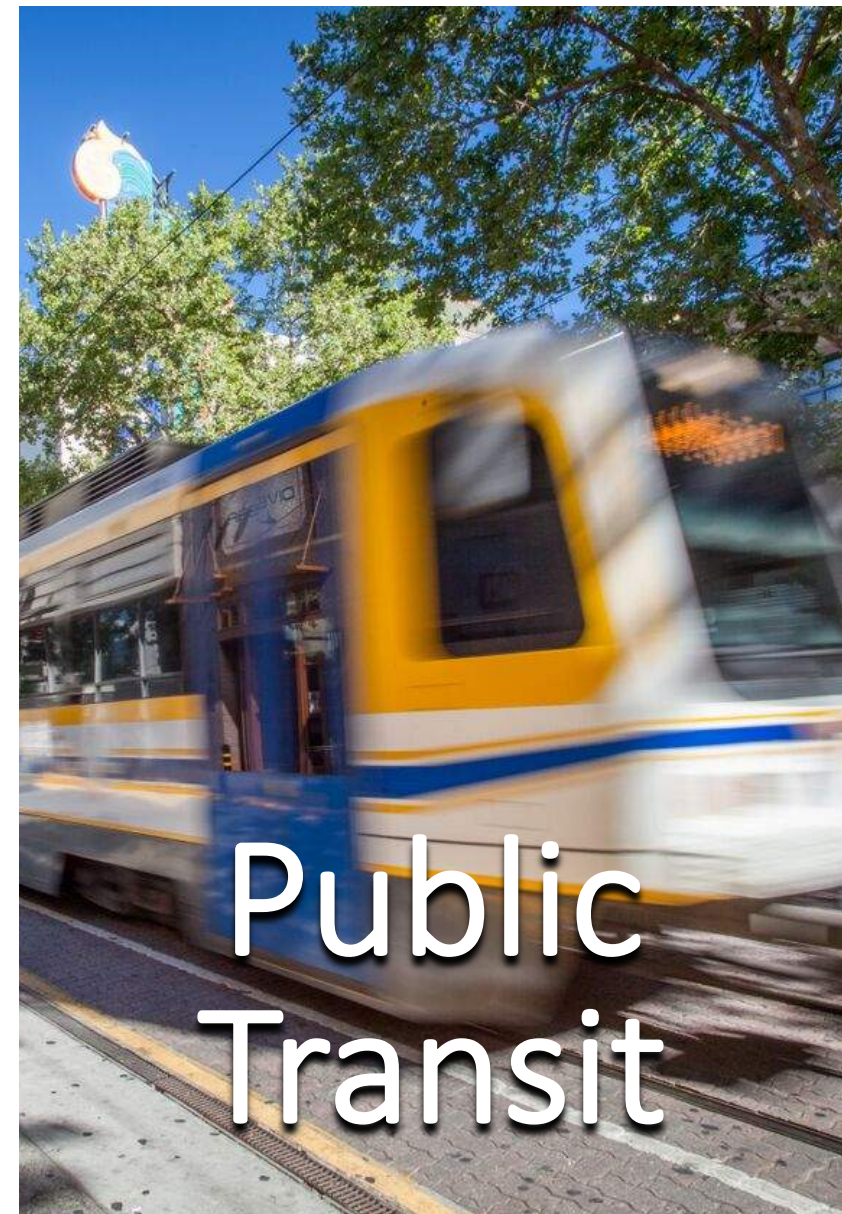
Franklin Neighborhood Development Corporation



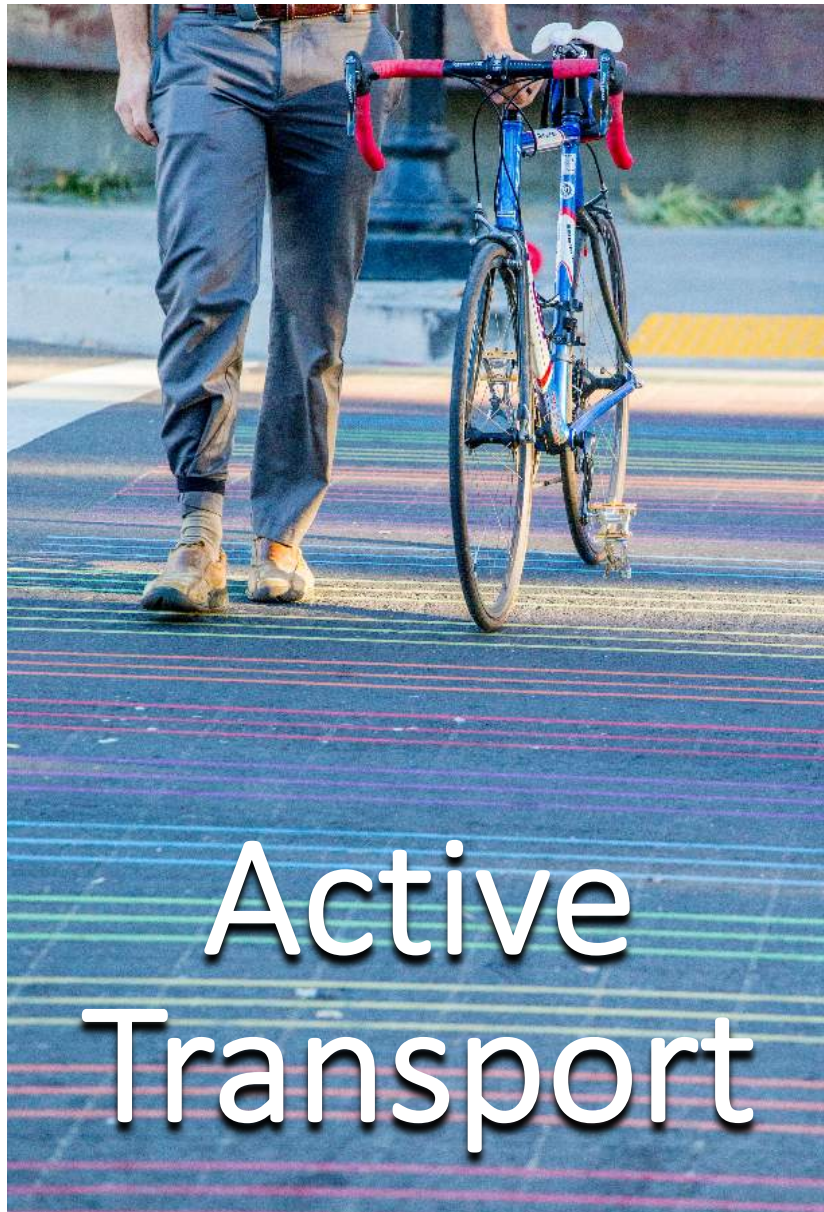
**FRANKLIN
BOULEVARD**

**Our Street, Our Future
Nuestra Calle, Nuestro Futuro**

Community Priorities



Public
Transit



Active
Transport



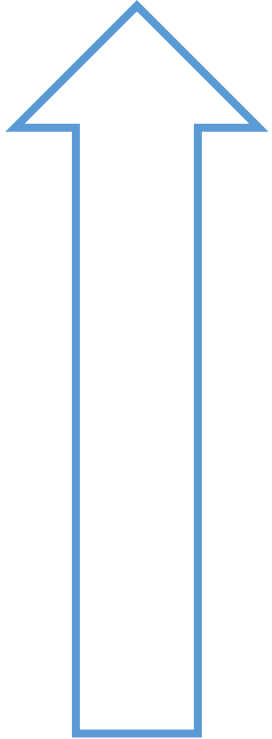
Electric
Vehicles

Getting to Carbon Zero

in Sacramento
& West Sac
by 2045



Mobility TAC Vision & Principles



Expand, improve, and incentivize

Public transit

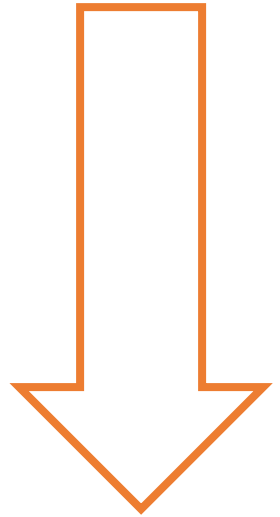
Shared mobility (pooled rides)

Active transportation

Zero-emission vehicles

Discourage

Single-occupant
vehicle trips

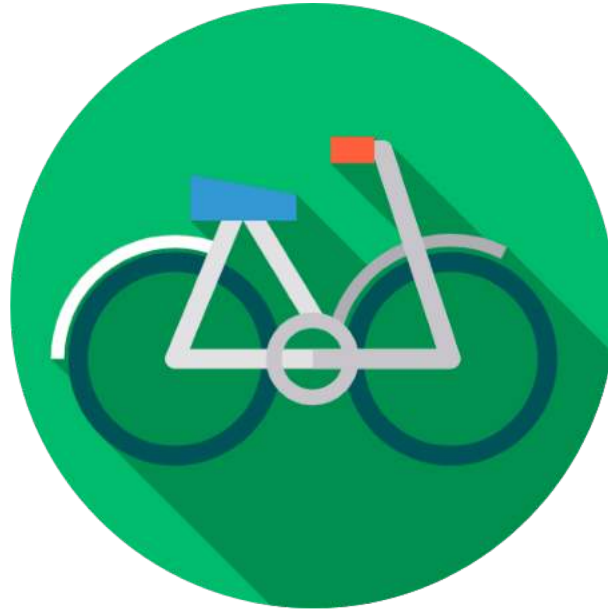


Core Principles

- Marginalized Populations
- Outreach & Education
- Accessibility
- Affordability
- Workforce Development
- Innovative Solutions



Transit &
Shared
Mobility



Active
Transportation



Vehicle
Electrification



Mobility Strategy Recommendation #1

Transit & Shared Mobility

Expand and improve transit and shared mobility services to be more competitive with single occupancy vehicle use so that 30% of all trips are by transit and pooled shared mobility by 2030 and 50% by 2045.



Mobility Strategy Recommendation #2

Active Transportation

Expand and enhance accessibility to low-stress connected infrastructure for walking and rolling so that 30% of all trips are by active transportation by 2030 and 40% by 2045.



Mobility Strategy Recommendation #3

Vehicle Electrification

Electrify 80% of the transportation sector including all personal and shared vehicles and public and private fleets by 2030 and 100% by 2045.

A blurred blue and yellow tram is moving along a city street. The tram is in the foreground, moving from left to right, and is out of focus. The street is lined with trees and buildings. A car is visible in the distance on the left. The word "Questions?" is overlaid in large white text in the center of the image.

Questions?

PUBLIC COMMENT MOBILITY

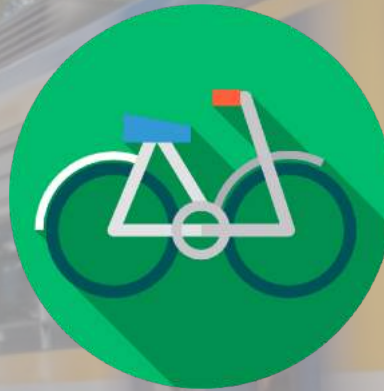
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1-2 minutes max per public comment

DISCUSSION



Transit &
Shared Mobility



Active
Transportation



Vehicle
Electrification

PUBLIC COMMENT

1-2 minutes max per public comment



NEXT STEPS & CLOSING REMARKS

Anne Stausboll | Commission Chair

Thank you!

www.lgc.org/climatecommission

City of
SACRAMENTO

