# **Emerging Technology**

Regional Implications of the New Tomorrow

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# **Agenda**



- 1. Technical Approach
- 2. Policy Approach
- 3. Implementation





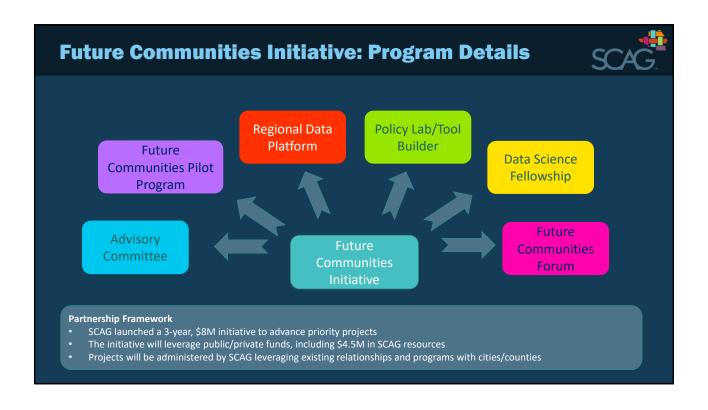
# **Research Questions**

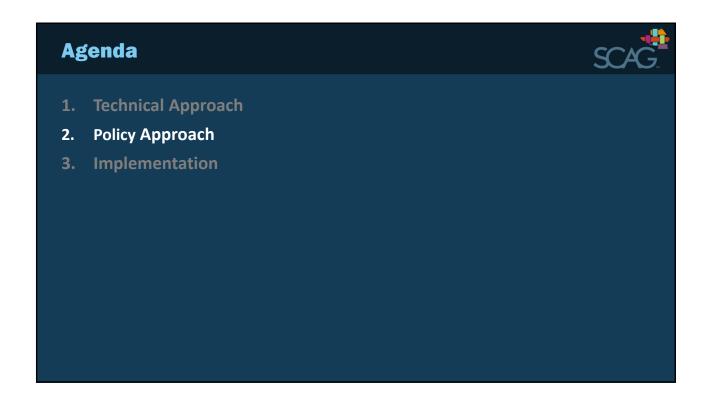


- What is happening in the private & public sectors?
- How can SCAG collect data and model these innovations?
- If these innovations produce outcomes that work against our regional goals, how do we develop and encourage policies?









## **What Stakeholders Have Asked For**



### Main Themes:

- Mobility
- Accessibility
- Public Health/Safety
- Climate Change



# **San Francisco's Guiding Principles**



### TEN GUIDING PRINCIPLES



### Collaboration

Emerging Mobility Services and Techno with each other and the community to



### Congestion

Emerging Mobility Services and Technologies must consider the effects on traffic congestion, including the resulting impacts on road safety, modal choices, emergency vehicle response time, transit performance and reliability.



### Safety

Emerging Mobility Services and Techno Francisco's goal for achieving Vision Ze security.



### Sustainability

Emerging Mobility Services and Technologies must support sustainability, including helping to meet the city's greenhouse gas (GHG) emissions reduction goals, promote use of all non-auto modes, and support efforts to increase the r



### Transit

Emerging Mobility Services and Techno services, must account for the operati occupancy modes.



### Equitable Access

Emerging Mobility Services and regardless of age, race, color, go any other protected category, sl and groups who have historically benefit most.



### Labor

Emerging Mobility Services and Technologies must ensure fairness in pay and labor policies and practices. Emerging Mobility Services and Technologies should support San Francisco's local hire principles, promote equitable job training opportunities, and maximize procurement of goods and services from disadvantaged business enterprises.



### Accountability

Emerging Mobility Services and and the public can effectively e system and determine whether



### Disabled Access

Emerging Mobility Services and Technologies must be inclusive of persons with disabilities. Those who require accessible vehicles, physical access points, services, and technologies are entitled to receive the same or comparable level of access as persons without disabilities.



### Financial Impact

Emerging Mobility Services and Technologies must promote a positive financial impact on the City's infrastructure investments and delivery of publicly-provided transportation services.

# **Common Proposed Policies**



- Road Pricing
  - Layered pricing to include congestion pricing, and high zero-occupancy pricing
- Integrated Payment Systems
- Reform Parking Requirements
  - Design future parking for flexible use
- Smart Growth policies to mitigate AV induced sprawl
- Job Centers Concept to reduce commute mileage
- Require more private sector data sharing
- Smart curb space management

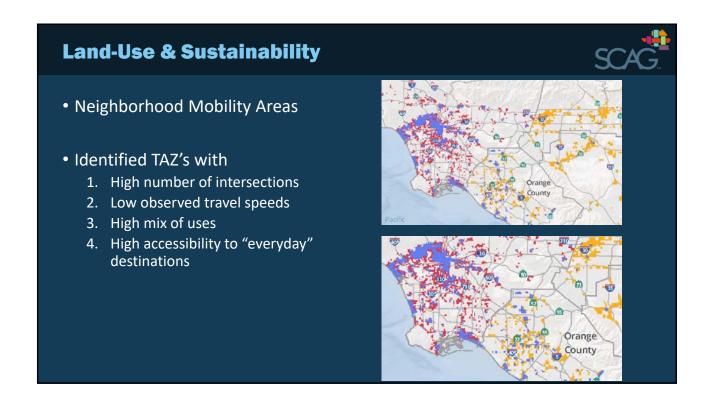


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# **Land-Use and New Mobility**



Neighborhood Mobility Areas

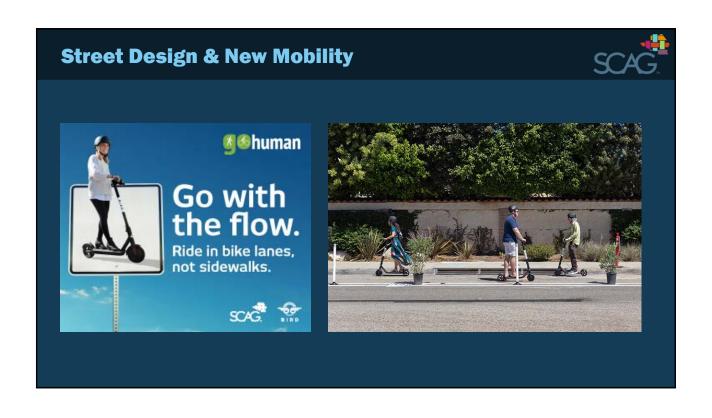
Employ Complete Streets strategies:

- Bike lanes, roundabouts, wider sidewalks and better lighting,
- Connected network of low-speed lanes
- Neighborhood design

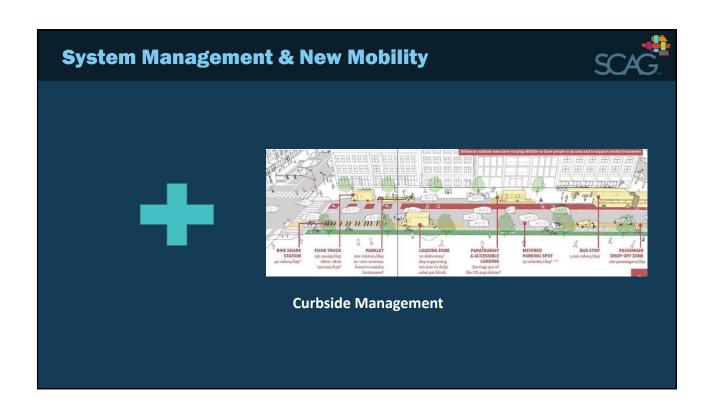
Shift short trips to Non-SOV modes.



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# **Final Thoughts**



- How do we frame all of these decisions through an equity lens?
  - Both in terms of who pays?
  - And who benefits?
- How do we assist our jurisdictions in adapting to the pace of change?
- How do we leverage gains we've made in livability to craft this new future of mobility?



# Thank You

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For more information visit www.scag.ca.gov

