Presentation Overview

• Background
• Key Outcomes of the Framework
• New Mobility Goals
• Example Smart Strategies
• Next Steps
**Background**

- The New Mobility Framework is being developed to facilitate implementation of emerging transportation technologies and services in Alameda County.

- The Framework constitutes the technology policy element of the 2020 Countywide Transportation Plan.

- Development of the Framework is being guided by a Technology Working Group (TWG) comprised of members of local jurisdictions from each Planning Area and transit agencies.

**Key Outcomes of the Framework**

**How will Alameda CTC use this Framework?**
- Inform agency work plan
- Resource for jurisdictions and agencies
- Guidance and coordination on technology-related issues

**What are key outcomes of the framework?**
- A consolidated set of strategies for addressing new mobility
- A catalogue of actions to consider for implementing the strategies
- Additional resources for technology implementation and planning
### Framework Schedule

- **Spring**
  - Goals, Technology Categories, Draft Strategies
  - TWG

- **May/June**
  - Smart Strategies
  - PPLC + TWG

- **June/July**
  - Actions, Technology Toolbox
  - TWG

- **Summer**
  - Final New Mobility Strategy
  - Pilot/Next Steps
  - PPLC + TWG

### Framework Elements

**Goals**
- Multimodal & High Occupancy
- Safety
- Environment
- Equity & Accessibility
- Service Quality
- Cost-efficiency
- Connectivity
- Economy
- Data-sharing & Security

**Technology Categories**
- Connected
- Electric
- Shared
- Autonomous
- Data

**Strategies**
- Actions
- Policies
- Programs
- Projects

Desirable outcome
<table>
<thead>
<tr>
<th>New Mobility Goal</th>
<th>Goal Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Multimodal and High-occupancy</strong></td>
<td>Complement public transit and shared trips, and support active transportation, by providing convenient travel options while considering the urban, suburban and rural contexts of Alameda County.</td>
</tr>
<tr>
<td><strong>Safety</strong></td>
<td>Improve traveler safety and reduce conflicts between modes.</td>
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<tr>
<td><strong>Environment</strong></td>
<td>Support system and environmental sustainability, promote convenient non-auto modes, and reduce vehicle miles traveled.</td>
</tr>
<tr>
<td><strong>Equity and Accessibility</strong></td>
<td>New mobility services should advance equity through Alameda County’s diverse populations, be easily accessible and affordable for all travelers, and distributed appropriate to the local context throughout the County.</td>
</tr>
<tr>
<td><strong>Service Quality</strong></td>
<td>Support and complement convenient and reliable public transit options and offer high quality travel options to promote a high quality of life for community members.</td>
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**New Mobility Goal                  | Goal Statement                                                                 |
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<td><strong>Cost-efficiency</strong></td>
<td>Promote a positive fiscal impact on infrastructure investments and delivery of publicly-provided transportation services</td>
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<tr>
<td><strong>Connectivity</strong></td>
<td>Improve connections across jurisdictions, promote efficient goods movement, offer seamless connectivity through improved modal transfers, and better connect and integrate land use, housing, jobs and transportation.</td>
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<tr>
<td><strong>Economy</strong></td>
<td>Support vibrant communities and engage in fair labor practices.</td>
</tr>
<tr>
<td><strong>Data Sharing and Security</strong></td>
<td>Engage and collaborate to share all relevant data to improve the transportation system and agency efficiency, and protect the traveling public and infrastructure from cyber security threats.</td>
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Smart Strategies
Our approach for advancing the goals

Smart Strategy: Broad approaches to address the anticipated opportunities and risks posed by the new mobility technologies and services.

<table>
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<th>Risk</th>
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<td>Promote the opportunities brought by advances in technology and mobility</td>
<td>Mitigate the risks associated with advances in technology and mobility</td>
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Smart Strategies
Our approach for addressing the goals

- Strategies are outcome oriented.
- Strategies build on CTP work, and were developed to support identified goals.
- Most strategies will address more than one goal (cross-cutting).
- Each strategy will be supported by a series of actions (policies, programs, or projects) that will lead to the realization of the strategy.
Example Smart Strategy

Goal: Multimodal and High Occupancy
Use advances in technology to improve the effectiveness, affordability, and ease of access to transit

Example Smart Strategy

Goal: Safety
Ensure new mobility services and technologies are safe for travelers and all other users of the right of way
Example Smart Strategy

Goal: Environment
Promote the electrification of the vehicle fleet

Example Smart Strategy

Goal: Cost-Efficiency
Maximize utility of existing infrastructure
Example Smart Strategy

Goal: Connectivity
Facilitate communication, agreements, and partnership between agencies and jurisdictions operating within the county

Summary Comments from PPLC and ACTAC

- Equity is critical: ensure the framework addresses equity proactively and appropriately.
- Be sure to address:
  - Goods movement and delivery strategies to reduce impacts while supporting the economy
  - Curb management strategies
  - Pricing as a tool to guide transportation behavior and choices
  - Importance of a level playing field between private mobility operators and transit
  - Role of Alameda CTC regarding advocacy and coordinating legislative agenda
**Next Steps**

What will happen next?

- Work with TWG to finalize strategies
- **Develop actions** (policies, programs, projects/pilots) to support the strategies
- Develop a “toolkit” of best practices for member communities and agencies to use when implementing technology projects
- Bring to Commission in the fall

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### New Mobility Goals

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Questions?