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
- **May/June**: Smart Strategies
- **June/July**: Actions, Technology Toolbox
- **Summer**: Final New Mobility Strategy, Pilot/Next Steps

**Framework Elements**

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

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

**Strategies** (Opportunities & Risks):
- Actions
- Policies
- Programs
- Projects

Desirable outcome
### New Mobility Framework

<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>
</tr>
<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>Be easily and equitably accessible to all travelers, including disadvantaged populations.</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.</td>
</tr>
<tr>
<td><strong>Cost-efficiency</strong></td>
<td>Promote a positive fiscal impact on infrastructure investments and delivery of publicly-provided transportation services</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>Improve connections across jurisdictions, offer seamless connectivity through improved modal transfers, and better connect and integrate land use, housing, jobs and transportation.</td>
</tr>
<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>
</tr>
</tbody>
</table>
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.

**Opportunity**
Promote the opportunities brought by advances in technology and mobility

**Risk**
Mitigate the risks associated with advances in technology and mobility

---

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.

---

**New Mobility Goals**

<table>
<thead>
<tr>
<th>Goal</th>
<th>Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multimodal and High-occupancy</td>
<td>Cost-efficiency</td>
</tr>
<tr>
<td>Safety</td>
<td>Connectivity</td>
</tr>
<tr>
<td>Environment</td>
<td>Economy</td>
</tr>
<tr>
<td>Equity and Accessibility</td>
<td>Data Sharing and Security</td>
</tr>
<tr>
<td>Service Quality</td>
<td></td>
</tr>
</tbody>
</table>
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

Questions?
This page intentionally left blank