



Presentation Overview

1. Project Background and Overview
 - Process and Key Elements
 - Roadmap Hierarchy
2. Actions and Initiatives
3. Near Term Priority Actions
4. Next Steps

Project Background

- Initiated by Alameda CTC in 2019 to **proactively plan for technology** in Alameda County.
- Constitutes the **technology element** of the 2020 Countywide Transportation Plan (CTP).
- Alameda CTC formed the **Technology Working Group** (TWG) comprised of members of local jurisdictions from each Planning Area and transit agencies.



Key Outcomes of the Roadmap

How will the Roadmap be used?

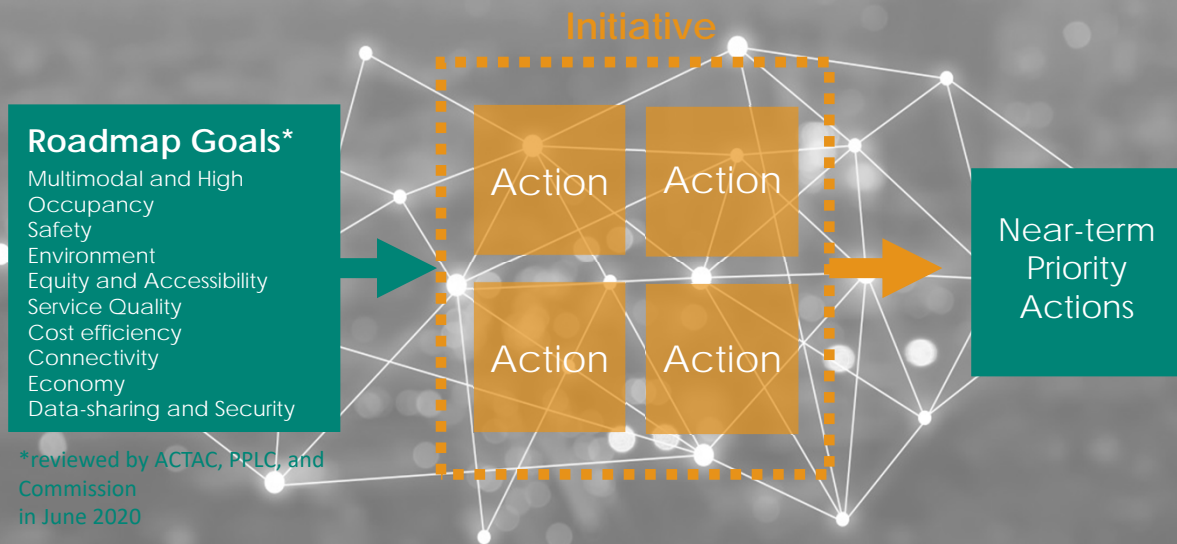
- **Strategic plan** to harness opportunities and manage risks
- **Identify and form partnerships**
- **Guidance and coordination** on technology-related issues for Alameda County

What are key outcomes of the Roadmap?

- **Initiatives**, a plan of action to manage uncertainty
- **Near-term priority actions**, critical starting points
- **A continuing resource** for on-going technology planning and implementation for all partners



Roadmap Framework



Initiatives



New Mobility Roadmap

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Initiatives



Coordinated Intelligent Transportation System (ITS)

Initiative aims to coordinate and promote advanced for Alameda County through compatibility for the physical ITS infrastructure, application and communication across jurisdictions and trans-agency.



Initiatives



Transportation Demand Management (TDM) Initiative strives to develop a holistic countywide TDM program pairing additional tactics with Active TDM strategies that leverage data, incentives, and digital platforms to shift traveler behavior.



Initiatives

 **Electric Mobility Initiative** is intended to establish a coordinated approach to promote electrified mobility, establish electric vehicle charging stations, and improve user access.

 **ALAMEDA**
COUNTY

New Mobility Roadmap

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Initiatives

 **Equity and Accessibility Initiative** will be an ongoing effort to support new mobility and to promote equitable outcomes for all communities.

Initiatives



Initiatives



Data and Automation Initiative identifies ways for Alameda County to address emerging trends for data and automation within the county's transportation system.





Approach

Public Benefit

- Relationship to the Goals
- Cross-cutting benefits

Urgency

- Opportunity for Action
- Avoids Risk
- Leverages existing effort
- Demonstrated Need

Near-term
Priority
Actions

Near-Term Priority Actions



Pilot an innovative major transit corridor to facilitate corridor-wide transit priority technology installation and integration.



Develop a **Countywide ITS Strategy** to coordinate system functionality across jurisdictions and identify needs and gaps related to ITS infrastructure.



Explore and gather **equity-related best practices** and efforts related to new mobility technologies and services.



Pilot a Mobility Hub building on existing local and regional efforts that will test and evaluate effective approaches to connecting travelers to transit hubs.



ACTAC and Other Comments Received

- **Support for high priority actions:**
 - Equity is a top priority; in particular mapping of mobility deserts and digital divide
 - ITS Strategy: Basic signal modernization upgrades are needed in many cities
 - Transit: Interest in innovative transit corridors
- **Additional emphasis:**
 - Electrification Strategy has renewed importance due to Governor's EO
 - Mobility Coordination: TWG is valuable for sharing, coordination and joint learning
 - Curb management is critical and creative strategies are needed – already in CTP actions
- **Changes: Elevate in the Priority Actions list:**
 - Identify and advance electrification pilots in collaboration with local, county, and regional partners
 - Technology Working Group and Information Sharing



Feedback and Next Steps

- Seeking Feedback on
 - Are there efforts that you are working on that you don't see reflected here in the Initiatives?
 - Do you have any questions on near-term Actions?
 - Are there any near-term actions your agency is leading that we could coordinate with?
- Next Steps
 - Incorporate feedback and develop the Roadmap report to include in the 2020 CTP

