



California Transportation Plan 2040

California Transportation Commission

Board Meeting

Fresno, CA

May 28, 2015

California Transportation Plan

What is the CTP2040?

It is a vision for California's Transportation Future.



The California Transportation Plan (CTP) is a statewide, long-range transportation policy plan designed to meet the State's future transportation needs.

It looks at the State's Transportation needs for the *next 25 years.*

Caltrans prepares the CTP in response to federal (Map 21) and State (SB 391) laws and requirements **every five years.**

Why it is important

1. Better understand interregional travel patterns and promote system cohesiveness
2. Summary of trends, challenges and themes from around the State
3. Forum to elevate issues to policy and decision makers and better coordination in general
4. Data consistency and transparency on interregional and freight movement
5. Models what kind of system is needed to reach California's GHG reduction goals

Sustainable Transportation Future

- **Reduced per Capita VMT and congestion**
- **Reduced Green House Gas (GHG) Emissions**
- **Increased Accessibility**
- **Increased Livability**
- **Increased Economic Prosperity**
- **Improved Safety**
- **Improved Public Health**
- **Improved Multimodal Mobility**

Federal Legislation

The **CTP 2040** will integrate a detailed planning approach that is consistent with the national goals specified by the federal surface transportation reauthorization bill **MAP-21**: safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability and reduced project delivery delays.

State Legislation

- **AB 32, the Global Warming Solution Act of 2006**, requires reduction of greenhouse gas emissions to 1990 levels by 2020.
- **SB 375** requires sustainable communities strategies (SCS)
- **SB 391** requires Caltrans to update the CTP every five years to show how to achieve statewide greenhouse gas emission (GHG) reduction consistent with Executive Order S-3-05
- **AB 857 – State Planning Priorities** requires equitable infill development
- **SB 743** changes the California Environmental Quality Act (CEQA) criteria to implement GHG emissions reduction
- **Executive Order S-3-05** calls for emissions to be reduced to 80% below 1990 levels by 2050

California Transportation Plan

Overview of the Plan

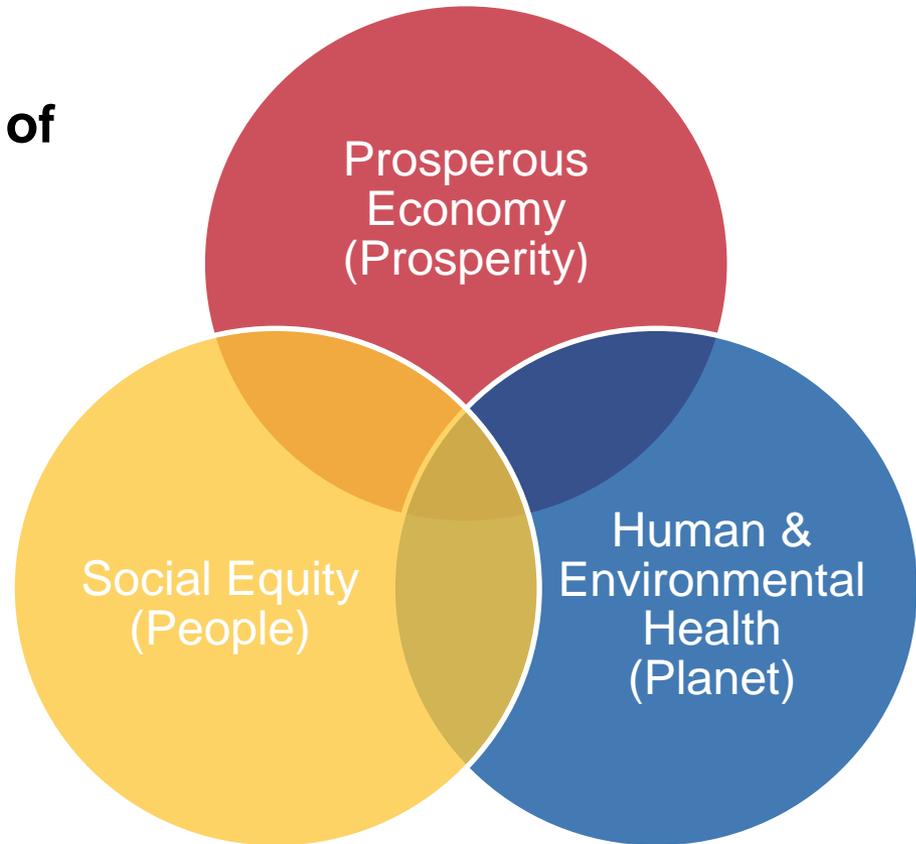
The CTP 2040 Vision:

California's transportation system is **safe**, **sustainable**, and **globally competitive**. It provides **reliable** and **efficient** mobility and accessibility for people, goods, and services while meeting our greenhouse gas emission reduction goals and preserving community character.

California Transportation Plan

CTP 2040 – The Next 25 Years

Key to this vision is the 3 Es of sustainability:



Modal Plans

CTP INTEGRATES THE STATEWIDE MODAL PLANS



Programs

INTEGRATES STATEWIDE PROGRAMS



THINK GLOBALLY
PLAN REGIONALLY
ACT LOCALLY



CALIFORNIA HIGH-
SPEED RAIL

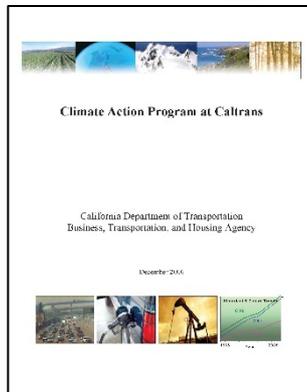


CALIFORNIA ESSENTIAL HABITAT
CONNECTIVITY PROJECT



Regional Advance Mitigation
Planning (RAMP) Website

CLIMATE ACTION
PROGRAM



Smart Mobility
FRAMEWORK



CLIMATE CHANGE
SCOPING PLAN



THE VISION SUSTAINABILITY

California's transportation system is safe, sustainable, and globally competitive. It provides reliable and efficient mobility and accessibility for people, goods, and services while meeting our greenhouse gas emission reduction goals and preserving community character. This integrated, connected, and resilient multimodal system supports a prosperous economy, human and environmental health, and social equity.

THE GOALS

- 1**
 Improve Multimodal Mobility and Accessibility for All People
- 2**
 Preserve the Multimodal Transportation System
- 3**
 Support a Vibrant Economy
- 4**
 Improve Public Safety and Security
- 5**
 Foster Livable and Healthy Communities and Promote Social Equity
- 6**
 Practice Environmental Stewardship

THE POLICIES

POLICY 1	POLICY 1	POLICY 1	POLICY 1	POLICY 1	POLICY 1
Manage and Operate an Efficient Integrated System	Apply Sustainable Preventative Maintenance and Rehabilitation Strategies	Support Transportation Choices to Enhance Economic Activity	Reduce Fatalities, Serious Injuries, and Collisions	Expand Engagement in Multimodal Transportation Planning and Decision Making	Integrate Environmental Considerations in All Stages of Planning and Implementation
POLICY 2	POLICY 2	POLICY 2	POLICY 2	POLICY 2	POLICY 2
Invest Strategically to Optimize System Performance	Evaluate Multimodal Life Cycle Costs in Project Decision Making	Enhance Freight Mobility, Reliability, and Global Competitiveness	Provide for System Security, Emergency Preparedness, Response, and Recovery	Integrate Multimodal Transportation and Land Use Development	Conserve and Enhance Natural, Agricultural, and Cultural Resources
POLICY 3	POLICY 3	POLICY 3		POLICY 3	POLICY 3
Provide Viable and Equitable Multimodal Choices Including Active Transportation	Adapt the Transportation System to Reduce Impacts from Climate Change	Seek Sustainable and Flexible Funding to Maintain and Improve the System		Integrate Health and Social Equity in Transportation Planning and Decision Making	Reduce Greenhouse Gas Emissions and Other Air Pollutants
					POLICY 4
					Transform to a Clean and Energy Efficient Transportation System

Draft Plan Chapters

Chapter 1	Purpose and Context
Chapter 2	The Transportation System
Chapter 3	Trends and Opportunities
Chapter 4	Native American Transportation
Chapter 5	Revenues and Expenditures
Chapter 6	Goals to Move Forward
Chapter 7	Analysis and Outcomes
Chapter 8	Recommendations

Performance Based Planning

Where
we
want
to go

Goal

Key Desired Outcome

Policy

Measurable statement that supports a goal or an outcome to achieve under each goal

How
we're
going
to get
there

Strategy

Specific programs, etc. to achieve policy

PM*

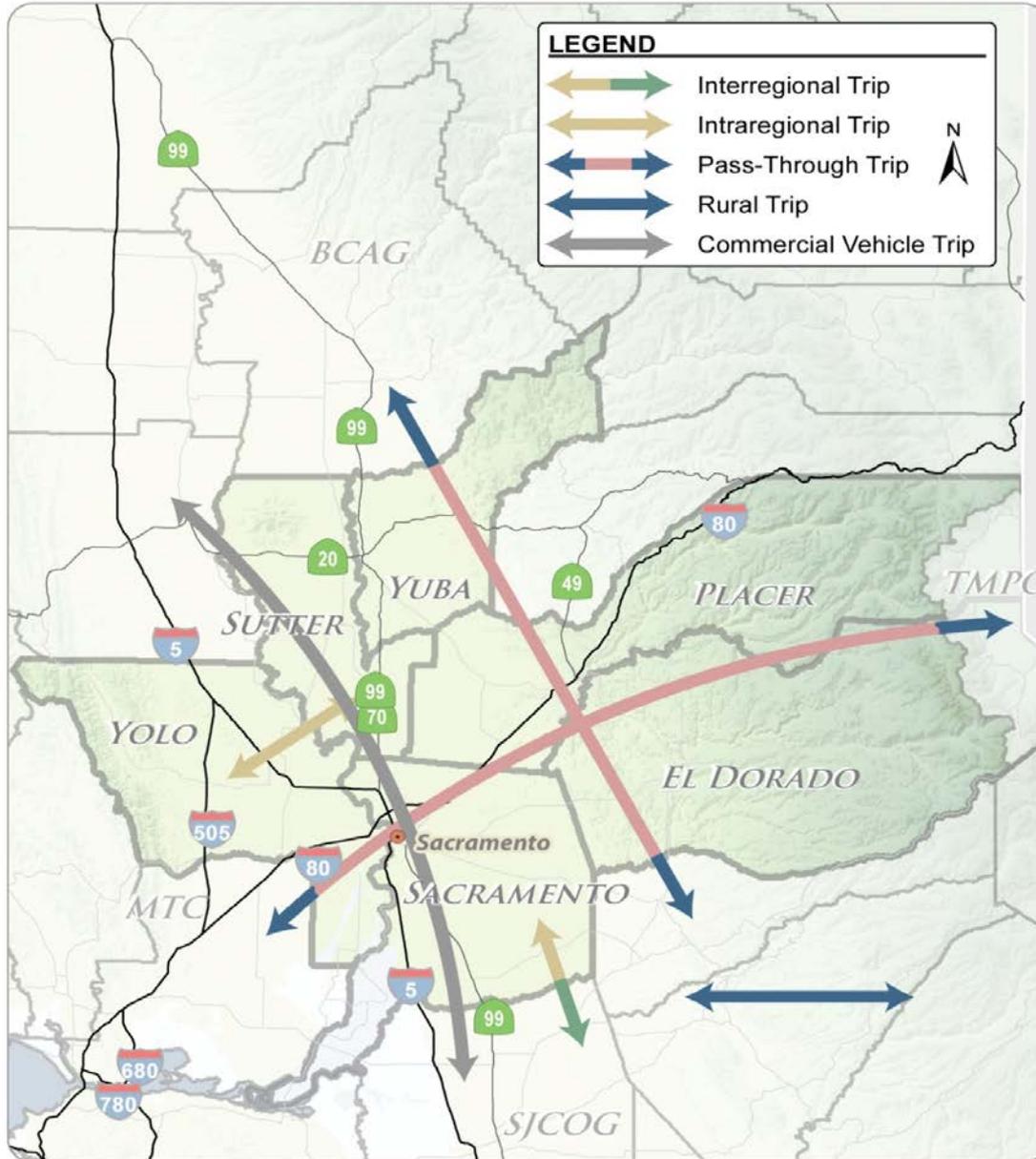
Support strategies/policies by tracking results over time

Example

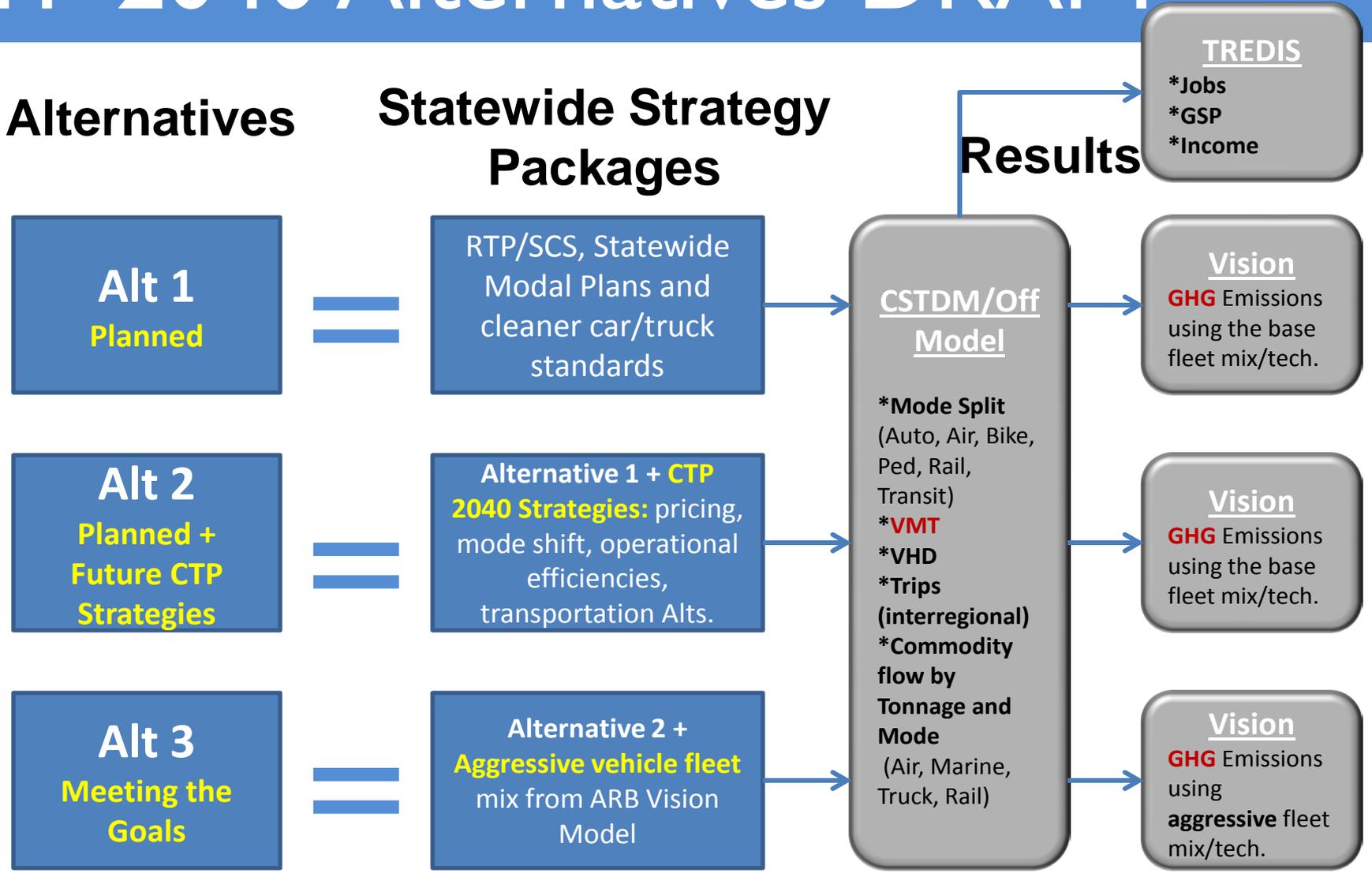
- G: Improve public safety and security
- P: Reduce fatalities, serious injuries, and collisions
- S: Maintain and update the California SHSP
- PM*: Fatalities/serious injuries per VMT

*PMs will have targets to identify a specific level of performance desired over a certain timeframe

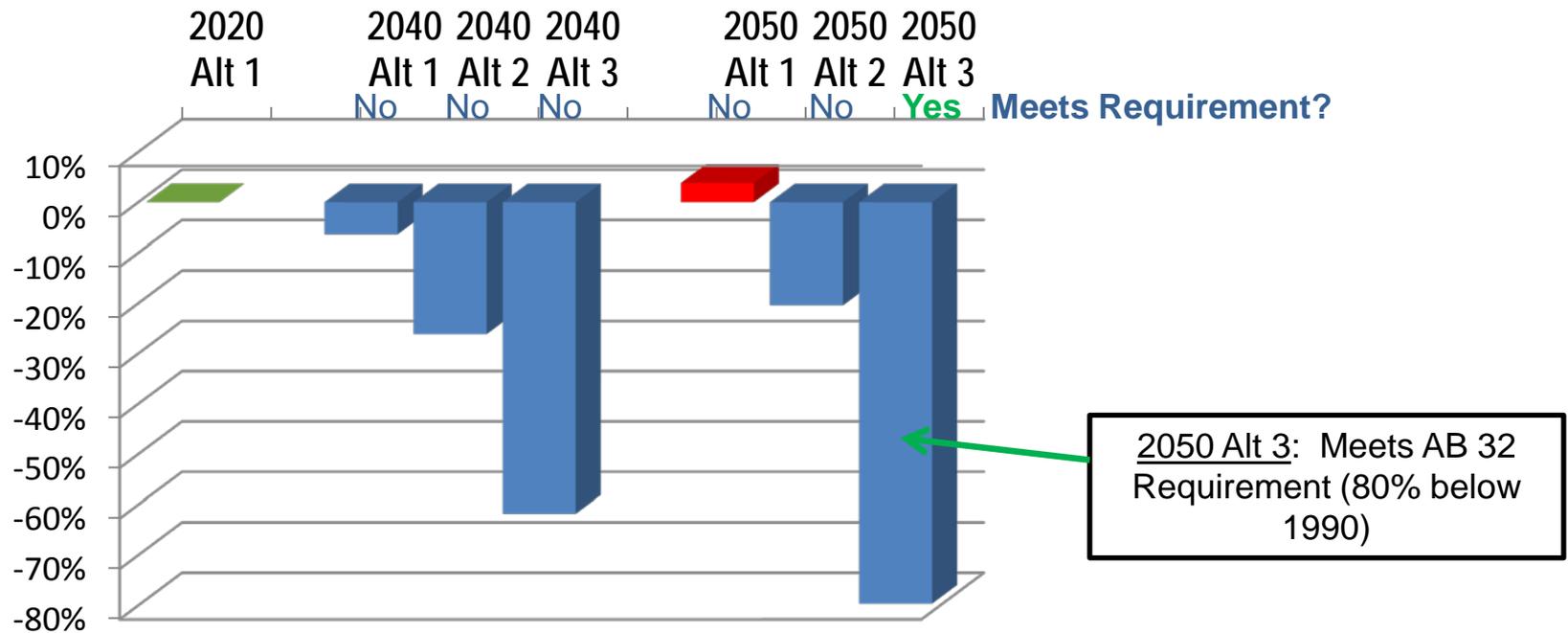
Trip Types Captured by Statewide Model



CTP 2040 Alternatives DRAFT



Transportation GHG Reduction Strategies



Broad-based categories & themes

Activities that can be achieved in various time spans:

- Short-Range (next 2 Years)
- Mid-Range (next 3-5 Years)
- Long-Range (next 5-20 years)

Public Outreach

- **1 Public Webinar**
- **1 Tribal Webinar**
- **7 Public Workshops**
 - **Los Angeles**
 - **Oakland**
 - **San Diego**
 - **Sacramento**
 - **Riverside**
 - **Fresno**
 - **Redding**
- **7 Focus Groups around the State**

WHAT'S NEXT

- All Final Modeling Done July 2015
- Final Draft August 2015
- CTP 2040 to Governor & CalSTA Dec. 31, 2015

Get Involved...

www.californiatrnsportationplan2040.org

-  Visit the website – Read the plan, signup for updates and notifications
-  Send us an email: CTP2040@dot.ca.gov
-  Follow us on Twitter: @CaltransHQ