



# Transportation Planner Academy

## Visalia, CA

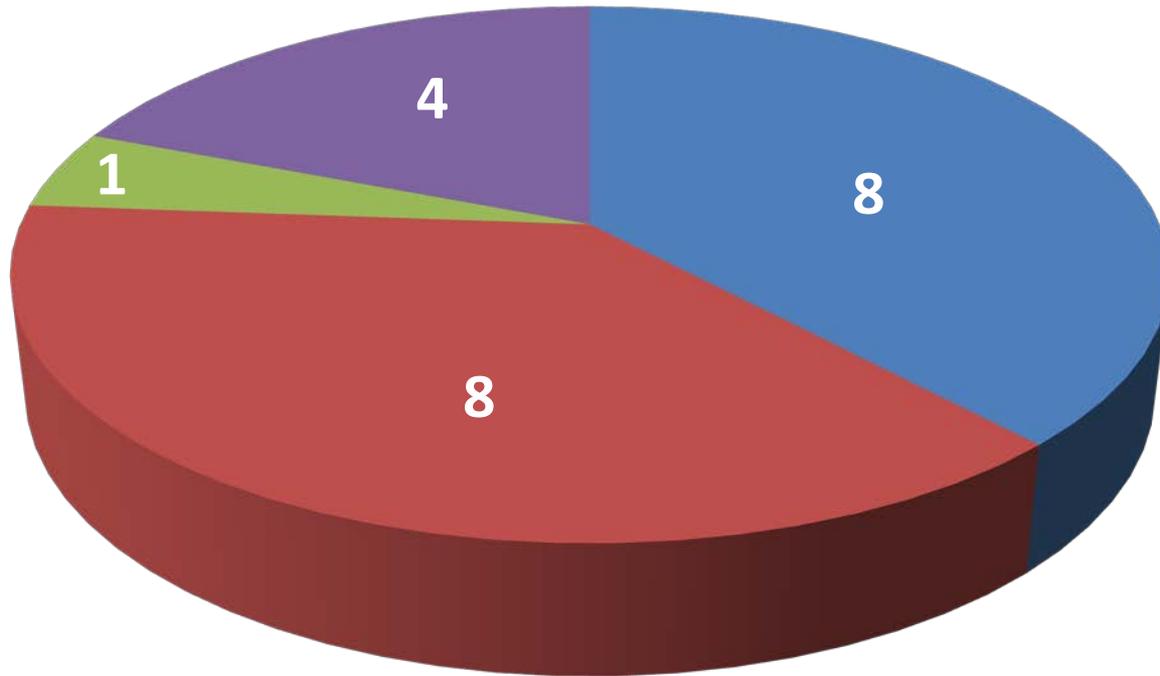
April 9, 2014





# The Office of State Planning

21 PY's



- OSP
- Districts
- Forecasting
- Economics

# SB 391 and the CIB

## SENATE BILL 391 (LIU)

REQUIRES CALTRANS TO:



- IDENTIFY THE STATEWIDE INTEGRATED MULTIMODAL TRANSPORTATION SYSTEM
- PREPARE INTERIM REPORT TO LEGISLATURE, BY DECEMBER 31, 2012, BASED ON SB 375 SUSTAINABLE COMMUNITIES STRATEGIES AND THEIR INFLUENCE STATEWIDE
- DEVELOP STATE TRANSPORTATION PLAN BY DECEMBER 31, 2015 THAT IDENTIFIES THE INTEGRATED, MULTIMODAL SYSTEM NEEDED TO ACHIEVE MAXIMUM FEASIBLE GREENHOUSE GAS REDUCTIONS



### THREE MAJOR ELEMENTS

1. INTEGRATING STATEWIDE MODAL PLANS AND PROGRAMS
2. BUILDING UPON REGIONAL TRANSPORTATION PLANS AND SUSTAINABLE COMMUNITY STRATEGIES
3. DEVELOPING ROBUST MODELING TOOLS TO ANALYZE DIFFERENT SCENARIOS AND STRATEGIES

# Senate Bill 391/375

**Reducing Greenhouse Gases: Shared Responsibilities SB 375 (Steinberg) and SB 391 (Liu)**





The logo features a stylized blue and multi-colored graphic on the left, followed by the word "California" in a large, bold, blue sans-serif font. Below "California" are the words "TRANSPORTATION PLAN" in a smaller, blue, all-caps sans-serif font. Underneath this text is a horizontal row of seven circular icons: a car, a bus, a train, a bus, an airplane, a bicycle, and a pedestrian. To the right of the main text, the year "2040" is written vertically in a large, blue, sans-serif font. Below the icons is the tagline "Integrating California's Transportation Future" in a smaller, blue, italicized sans-serif font.

# California

TRANSPORTATION PLAN

2040

*Integrating California's Transportation Future*

# California Transportation Plan

## What is it?

Statewide, long-range transportation plan that:

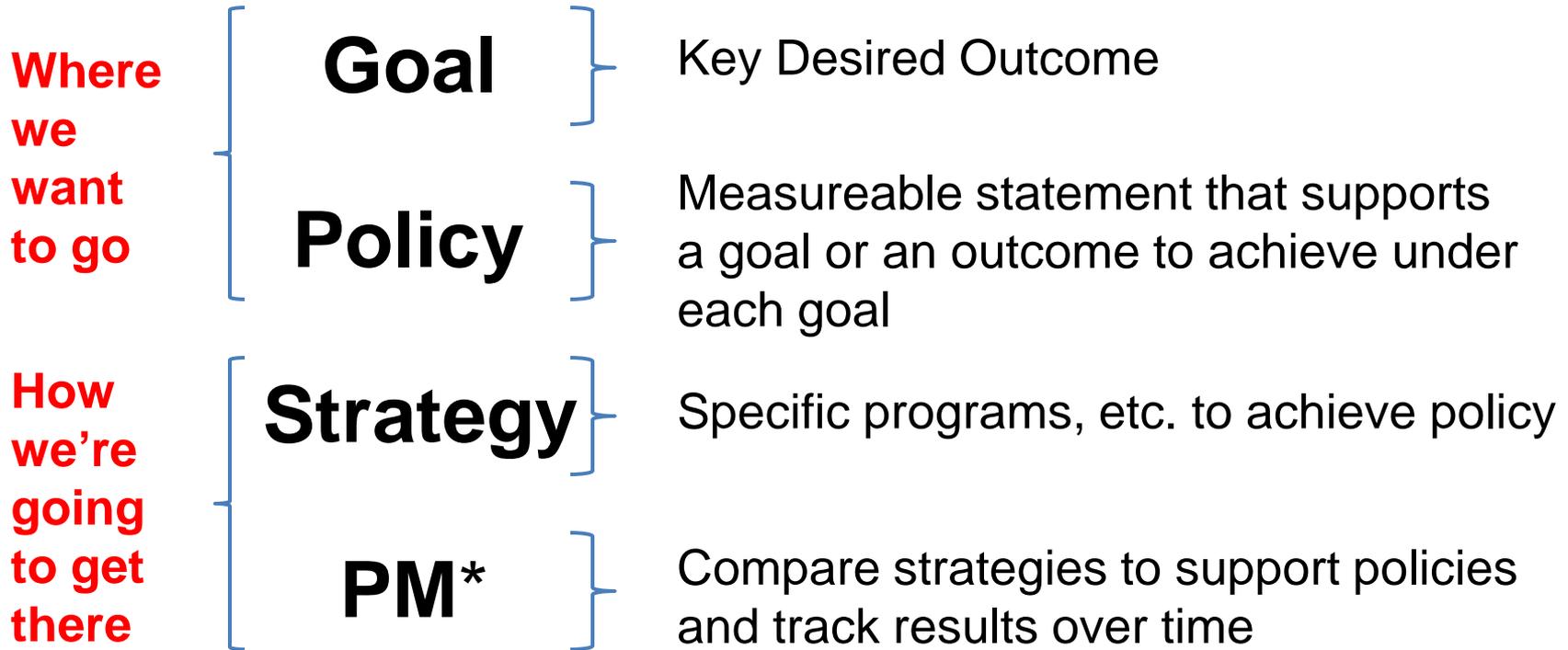
- Done every 5 years with a 20 year horizon
- Defines goals, policies, and strategies and the future statewide, multi-modal transportation system
- Integrates statewide modal plans
- Builds upon Regional Transportation Plans and Sustainable Communities Strategies
- Analyzes future scenarios and policies using robust modeling tools

# California Transportation Plan

## **WHY? (BECAUSE 391 TELLS US TO!)**

- PROVIDES A STATEWIDE COMMON POLICY FRAMEWORK
- GUIDES TRANSPORTATION INVESTMENTS AND DECISIONS
- GIVES STRATEGIC DIRECTION TO THE REGIONAL TRANSPORTATION PLANS
- EVALUATES THE PERFORMANCE OF OUR PLANS
- IDENTIFIES THE SYSTEM NEEDED TO MEET OUR CLIMATE CHANGE GOALS

# Performance Based Planning



## 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

\*PM's will have targets to identify a specific level of performance desired over a certain timeframe



# THE VISION SUSTAINABILITY

## 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

<b>POLICY 1</b>	<b>POLICY 1</b>	<b>POLICY 1</b>	<b>POLICY 1</b>	<b>POLICY 1</b>	<b>POLICY 1</b>
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
<b>POLICY 2</b>	<b>POLICY 2</b>	<b>POLICY 2</b>	<b>POLICY 2</b>	<b>POLICY 2</b>	<b>POLICY 2</b>
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
<b>POLICY 3</b>	<b>POLICY 3</b>	<b>POLICY 3</b>		<b>POLICY 3</b>	<b>POLICY 3</b>
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
					<b>POLICY 4</b>
					Transform to a Clean and Energy Efficient Transportation System



# Planning Programs

## CIB INTEGRATES STATEWIDE PROGRAMS



**Smart Mobility  
FRAMEWORK**

**Complete Streets  
Implementation Action Plan**

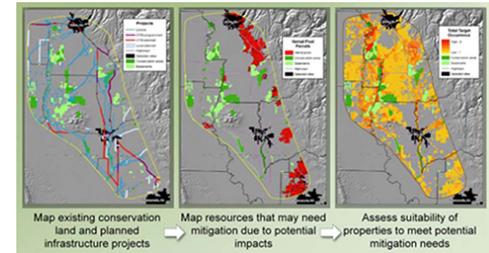
Final  
February 1, 2010



Implementation of Deputy Directive 64-R1:  
Complete Streets - Integrating the  
Transportation System



**CLIMATE  
CHANGE**

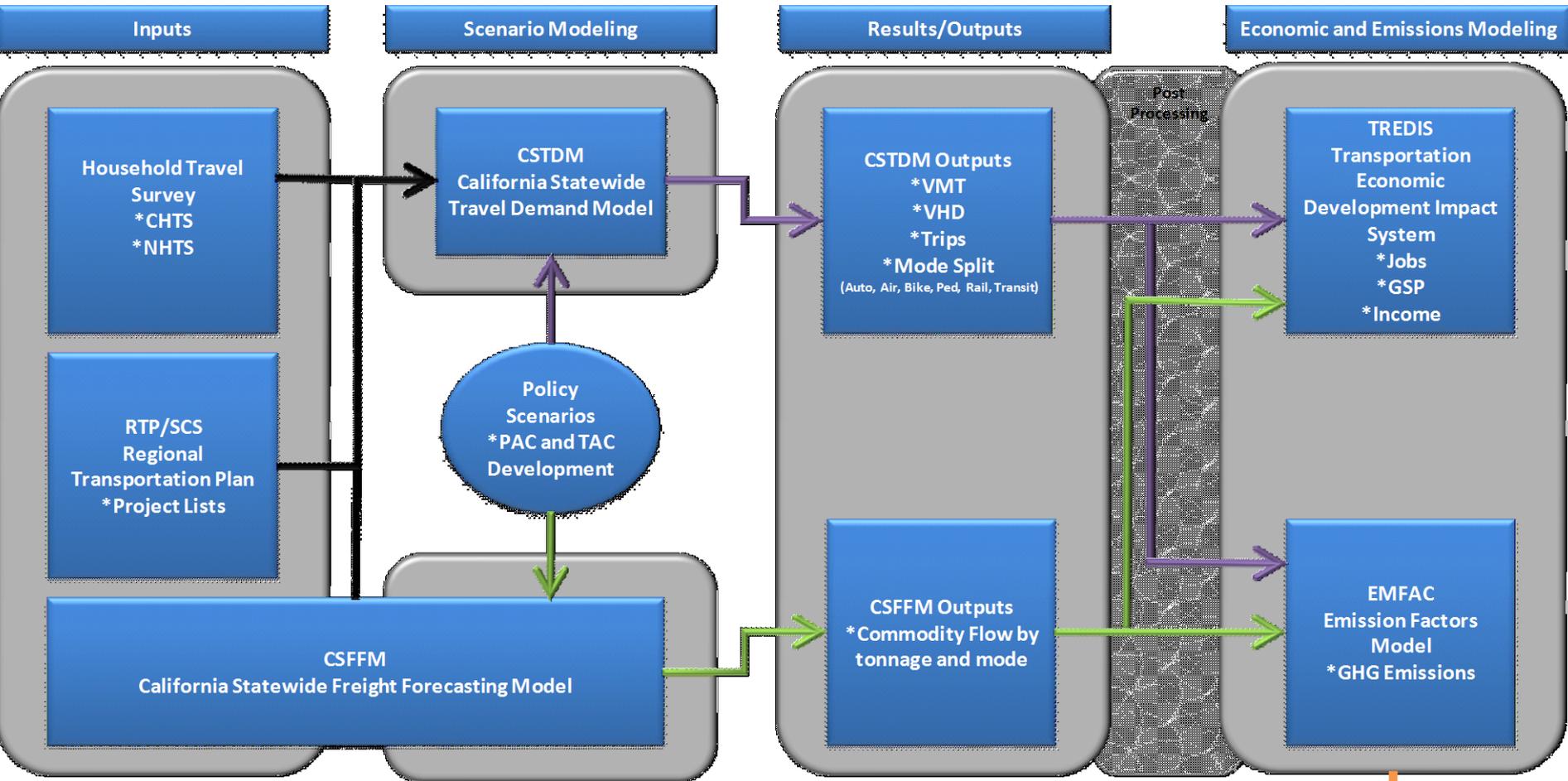


# Modal Plans

## INTEGRATING THE STATEWIDE MODAL PLANS



# Statewide Travel Demand and Freight Models



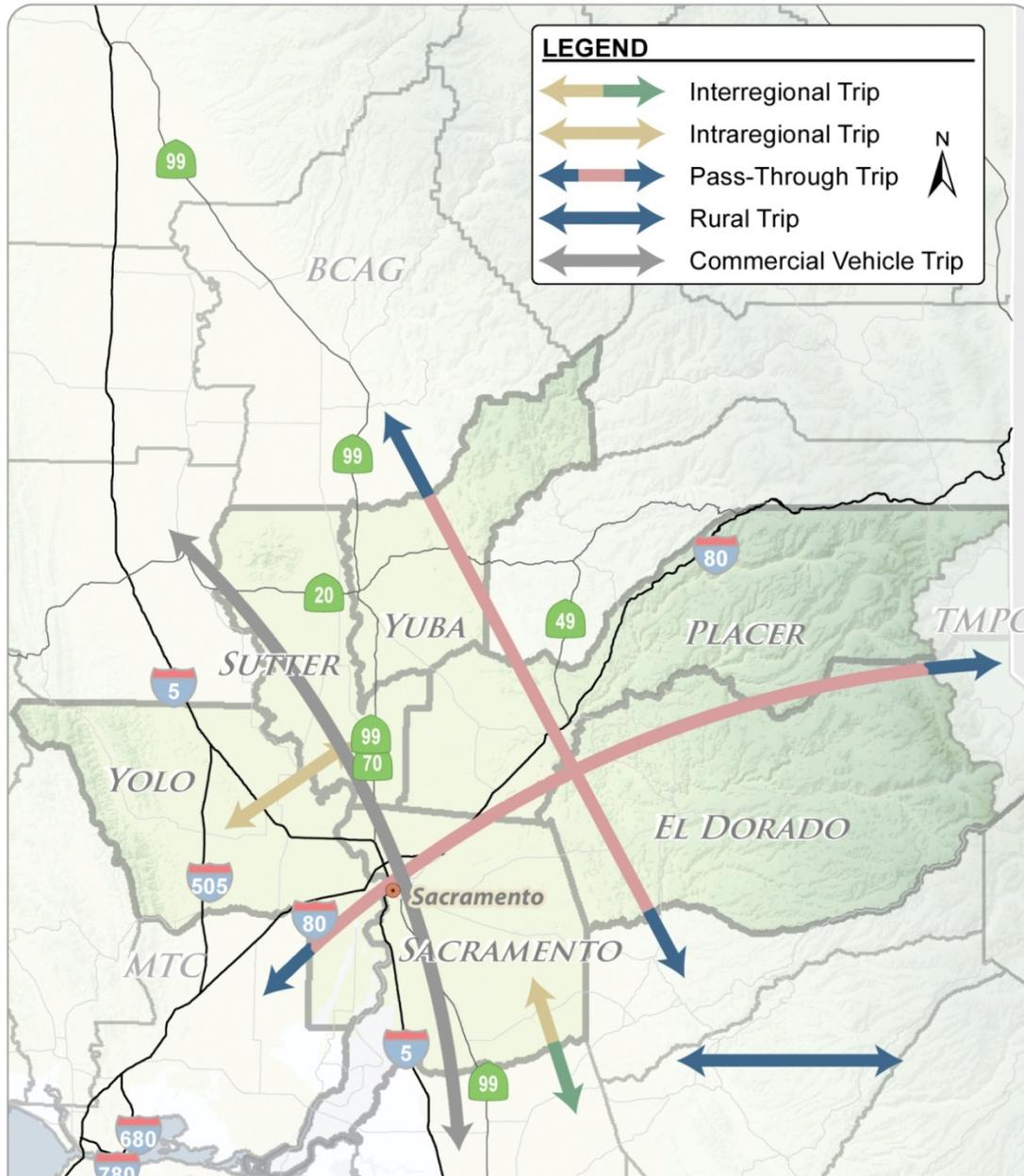
- █ Inputs
- █ Non-goods movement related policies
- █ Good movement related policies



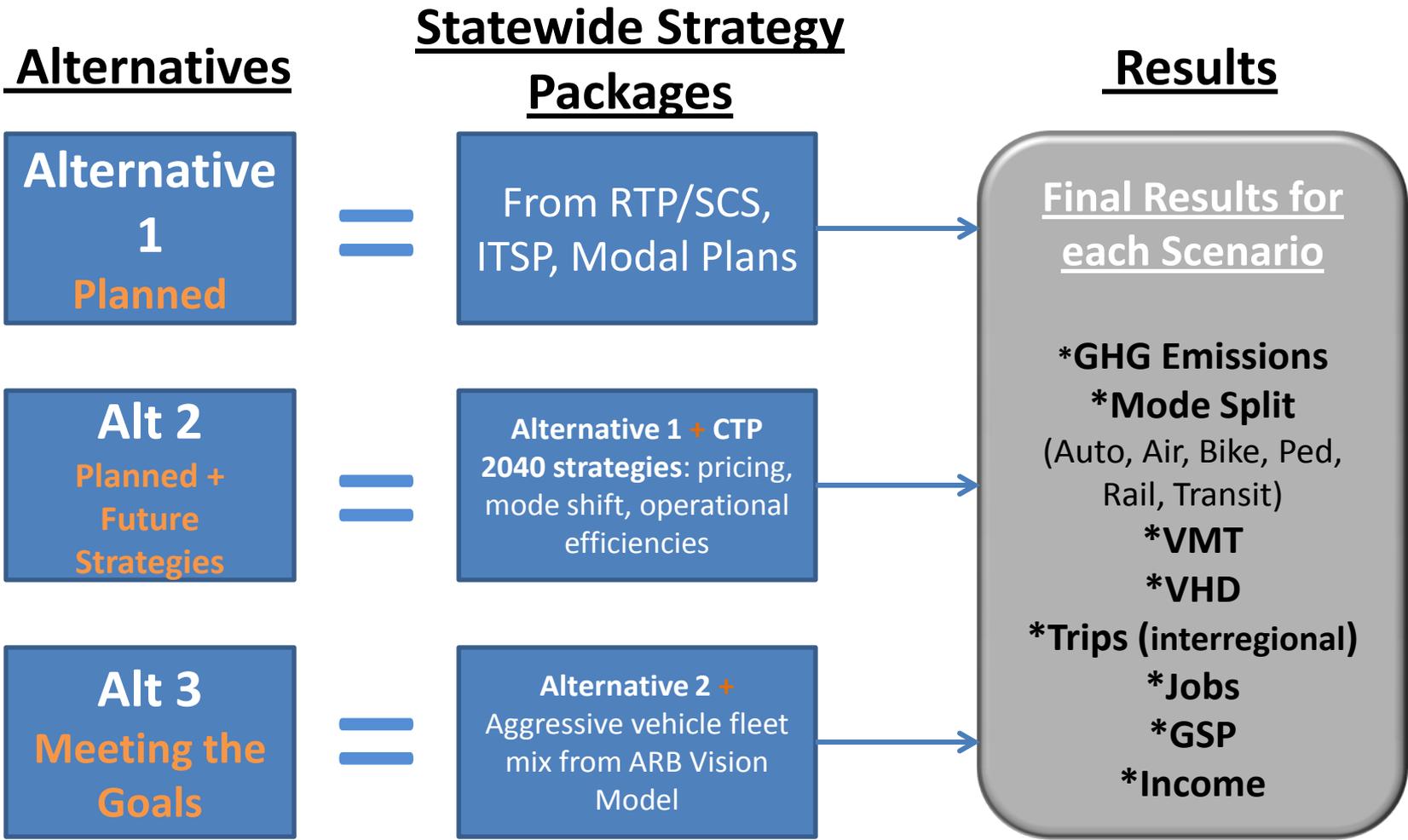
**Final Results**

- \*GHG Emissions
- \*Jobs
- \*GSP
- \*Income
- \*Mode Split (Auto, Air, Bike, Ped, Rail, Transit)
- \*VMT
- \*VHD

# Trip Types Captured by Statewide Model

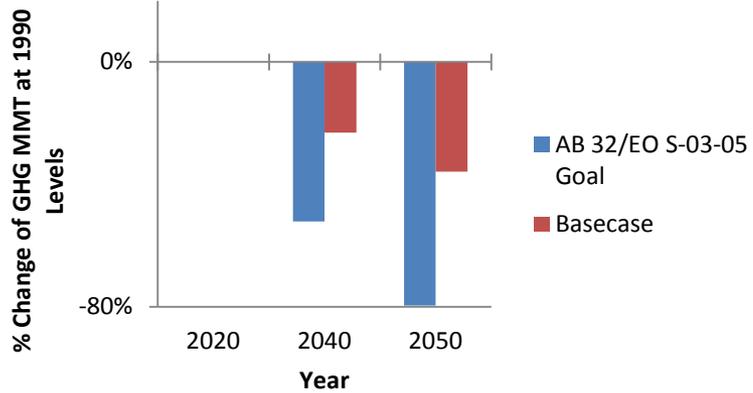


# CTP 2040 Alternatives

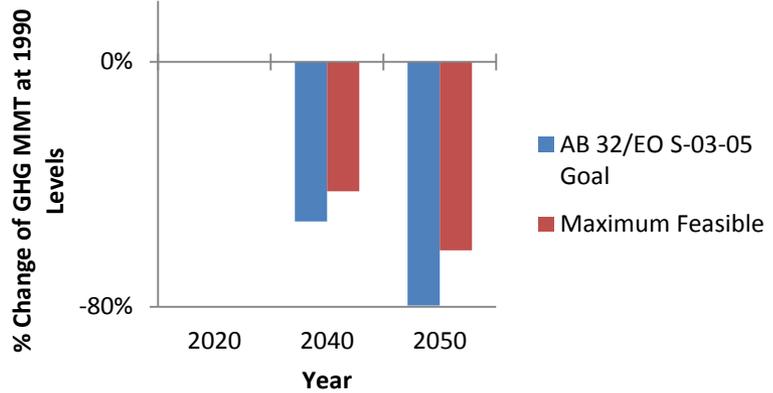


# CTP 2040 Alternatives (Hypothetical Results)

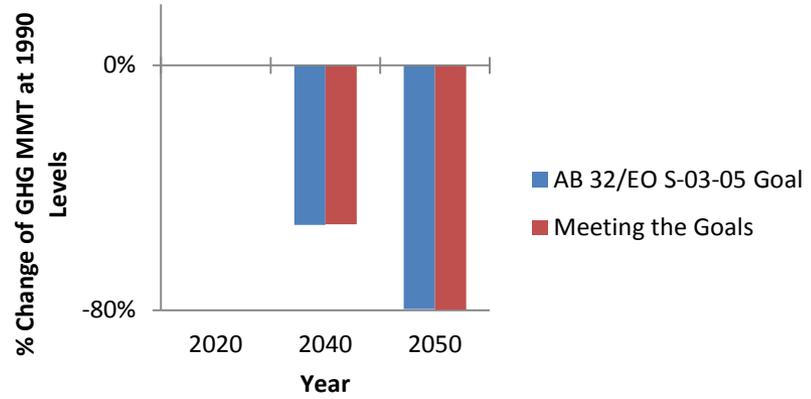
## 1. Basecase



## 2. Maximum Feasible



## 3. Meeting the Goals



# CTP Process



California Transportation Plan 2040  
Scope Document & Timeline  
June 2013



[www.californiatransportationplan2040.org](http://www.californiatransportationplan2040.org)

## 2013



### OUTREACH

*Communication & Public Participation*

- ◆ WEB PORTAL
- ◆ FOCUS GROUPS
- ◆ TRIBAL MEETINGS



### CONSULTATION

- ◆ POLICY & TECHNICAL COMMITTEES
- ◆ REGIONAL AGENCIES
- ◆ TRIBAL GOVERNMENTS



### PRODUCTS

*CTP Development*

- ◆ CTP FACT SHEET
- ◆ SCOPE DOCUMENT
- ◆ EXPANDED OUTLINE
- ◆ CTP BROCHURE

## 2014



### OUTREACH

*Communication & Public Participation*

- ◆ WEB PORTAL
- ◆ WORKSHOPS  
Fresno, Los Angeles, Oakland  
Redding, Sacramento, San Diego



### CONSULTATION

- ◆ POLICY & TECHNICAL COMMITTEES
- ◆ REGIONAL AGENCIES
- ◆ TRIBAL GOVERNMENTS



### PRODUCTS

*CTP Development*

- ◆ CTP 2040 - DRAFT #1

## 2015



### OUTREACH

*Communication & Public Participation*

- ◆ WEB PORTAL
- ◆ CTP 2040 - DRAFT #2  
45 Day Comment Period



### CONSULTATION

- ◆ POLICY & TECHNICAL COMMITTEES
- ◆ REGIONAL AGENCIES
- ◆ TRIBAL GOVERNMENTS



### PRODUCTS

*CTP Development*

- ◆ CTP 2040 - DRAFT #2
- ◆ CTP 2040 - FINAL PLAN
- ◆ AGENCY APPROVAL

## WHAT'S NEXT

- |                           |                  |
|---------------------------|------------------|
| • Focus Groups            | Summer 2013      |
| • Tribal Meetings         | Summer/Fall 2013 |
| • CTP 1st Draft           | June 2014        |
| • Scenario Analysis       | Summer 2014      |
| • Workshops               | Fall 2014        |
| • CTP 2040 to Legislature | Dec 2015         |

# Quiz



1. WHAT DOES THE CTP “FAN” REPRESENT?
2. THE CTP IS DONE EVERY \_\_\_ YEARS AND COVERS AT LEAST \_\_\_ YEARS.
3. WHAT 4 TYPES OF TRIPS WILL THE STATEWIDE MODEL CAPTURE?

# For More Information...



***Check out the CTP Website at:***

***[www.californiatransportationplan2040.org](http://www.californiatransportationplan2040.org)***



***For Questions, Contact:***

***[gabriel.corley@dot.ca.gov](mailto:gabriel.corley@dot.ca.gov)***