

CALIFORNIA
TRANSPORTATION PLAN
2040 TECHNICAL ADVISORY
COMMITTEE, PART 8

October 24, 2013

Today's Main Topics

- Main Topics
 - PAC Strategies Survey Results
 - TREDIS: Transportation Economic Development Impact System
 - ITSP and RTP Project Gaps and Consequences

PAC strategy survey results handled within the CSTDM

Key Strategy Cluster	Strategies
Pricing	VMT fee
	Regional gas tax/national tax assumption
Transportation Alternatives	Telecommute
	Park and ride lots
Mode Shift	Expand transit
	Expand passenger rail
Operational Efficiency	HOV/HOT lanes
	Bottleneck relief

PAC strategy survey results handled within the CSTDM

Pricing	VMT fee
MTC (RTAC)	2005-2035, \$0.069/mile
SACOG (RTAC)	2020, \$0.01 /mile; 2035, \$0.03/mile
SANDAG (RTAC)	2005-2035, \$0.080/mile
SCAG (RTP/SCS) (RTAC)	<ul style="list-style-type: none"> •2025, \$0.05/mile (2011) •2005-2035, \$0.027/mile
Pricing	Regional gas tax
MTC (RTP/SCS)	FY 2017-18, \$0.10 excise tax on gasoline; based on Bay Area's share of statewide gasoline consumption

PAC strategy survey results handled within the CSTDM

Transportation Alternatives	Telecommute
SANDAG (RTAC)	2020 and 2035 15% daily white-collar worker trip reduction
MTC (RTP/SCS)	2020, 7%; 2040, 9% work at home observations, trends, and forecasts
SCAG (RTP/SCS)	<ul style="list-style-type: none"> •2008, 4.3 million miles saved each day •2020, 8.5 million miles saved each day •2035, 21.7 million miles saved each day
Transportation Alternatives	Park and Ride Lots
SANDAG (RTAC)	<ul style="list-style-type: none"> •3,500 additional spaces utilized above 16,800 in 2020 Revenue Constrained network •6,900 additional spaces utilized above 17,500 in 2030 Revenue Constrained network

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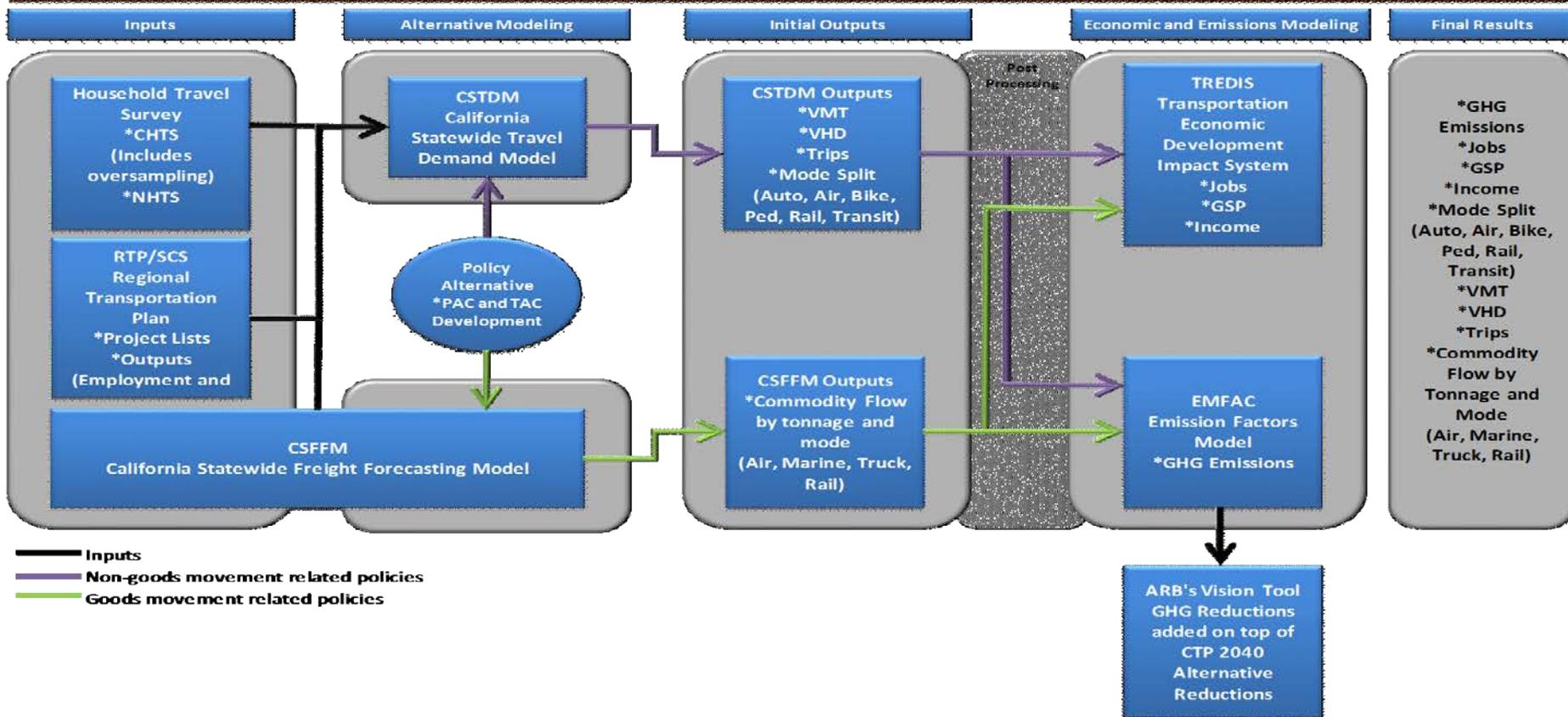
Mode Shift	Expand Transit
SACOG (RTAC)	<ul style="list-style-type: none">•2020, 16%; 2035, 18% transit service above Adopted MTP•2020, +25%; 2035 +50% transit fare reduction
SCAG (RTP/SCS)	<ul style="list-style-type: none">•2020, 2% increase transit boardings (BRT, expansion) = reduction 1 million VMT•2035, 5% increase transit boardings (BRT, expansion) = reduction 2.6 million VMT•2020, 1% increase transit boarding through bicycle carrying capacities = reduction 500,000 VMT•2035, 3% increase transit boarding through bicycle carrying capacities = reduction 1.6 million VMT

PAC strategy survey results handled within the CSTDM

Operational Efficiency	HOV/HOT Lanes
MTC (RTP/SCS)	2035, CA 17/US 101 \$0.06/mile (2010) to CA 237 \$0.187/mile (2010)
SANDAG (RTAC)	<ul style="list-style-type: none"> •2020 Reasonably Expected highway network •2035 Reasonably Expected highway network
Operational Efficiency	Bottleneck Relief
MTC (RTAC)	Bundled package bottleneck relief, ramp metering, incident management would provide 1-2% reduction GHG per capita
SANDAG (RTAC)	Aux Lanes, Interchange, capacity improvements

TREDIS

CTP 2040 Modeling and Policy Scenario Development Flow Chart



ITSP and RTP Project Gaps and Consequences

- ITSP: Caltrans' Interregional Travel Strategic Plan
 - ▣ Provides guidance for the identification and prioritization of interregional State highway projects
 - ▣ Primary purpose is to recommend improvements to the Interregional Road System (IRRS)
 - ▣ http://www.dot.ca.gov/hq/tpp/offices/oasp/ITSP_document_10_04_2013.pdf#zoom=75

Meeting Wrap-Up

- Questions/Comments
- Next meeting scheduled for November 21, 2013