



Proposed Update to the SB 375 Greenhouse Gas Emission Reduction Targets

California Air Resources Board Meeting
Informational Update
December 14, 2017

Presentation Overview

- ▶ SB 375 Objectives
- ▶ Target Update Considerations
- ▶ October and Revised Staff Proposal
- ▶ Public Process Feedback
- ▶ Recommended Path Forward

Regional Transportation Plans and Sustainable Communities

- ▶ California's MPOs develop Sustainable Communities Strategies to meet region-specific GHG targets set by CARB
- ▶ CARB must review plan GHG quantification once adopted
- ▶ Original targets adopted in 2010; CARB must update targets every 8 years
- ▶ Over 20 SCSs reviewed to date



SB 375: Improving People's Everyday Transportation Options

Focus on policies and investments that bring people and destinations close together, with alternative and convenient ways to get around.



Types of Policies and Investments

Land Use

Transportation

Transportation Demand Management

Transportation Systems Management

Local and Regional Pricing Strategies

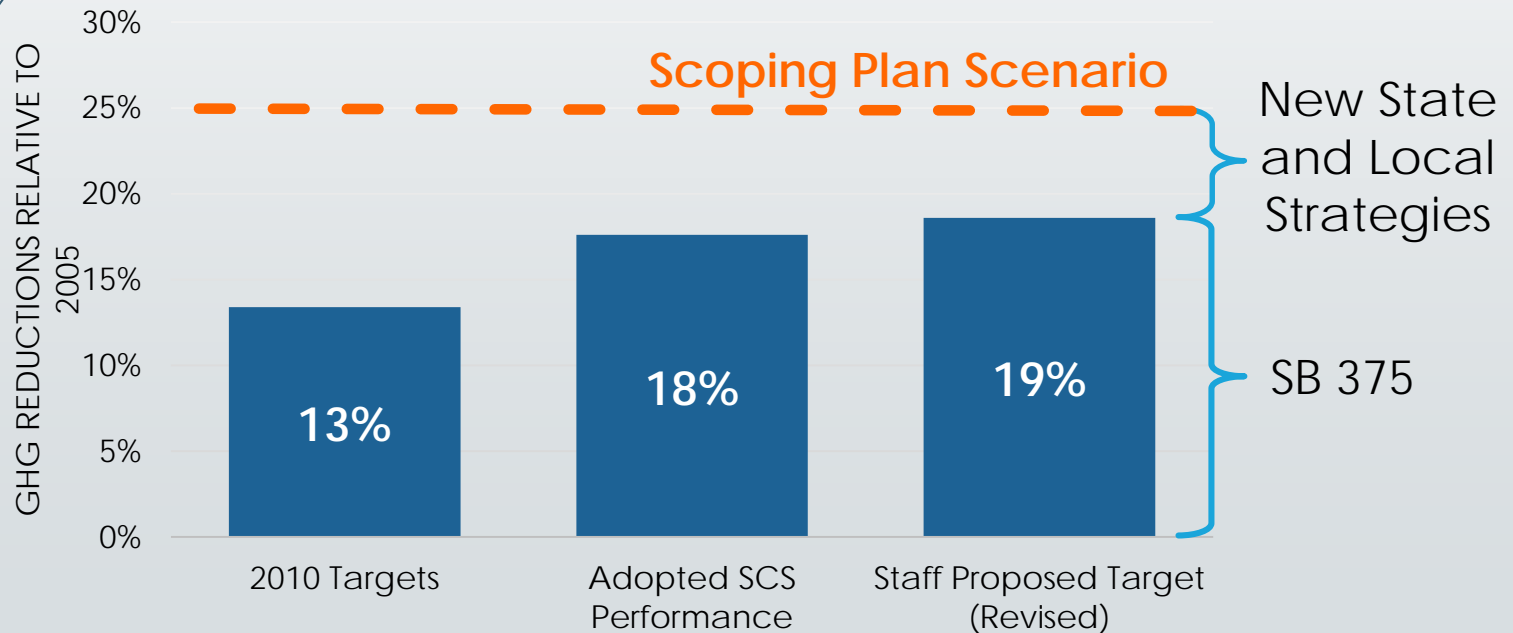
Vehicle Technology/Enhanced Mobility

Target Update Considerations

- ▶ Updated top-down analysis of climate and air quality needs
- ▶ MPO recommendations
- ▶ Latest changes to State law and program implementation resources
- ▶ Public process feedback
- ▶ Lessons learned to date from program implementation

October and Revised Staff Proposal

- ▶ Proposed higher 2035 targets for most regions
- ▶ Target framework and evaluation process changes
 - ▶ Identify specific measures MPOs implement
 - ▶ Measures tracked with regular progress reports



Feedback Received on Staff Proposal

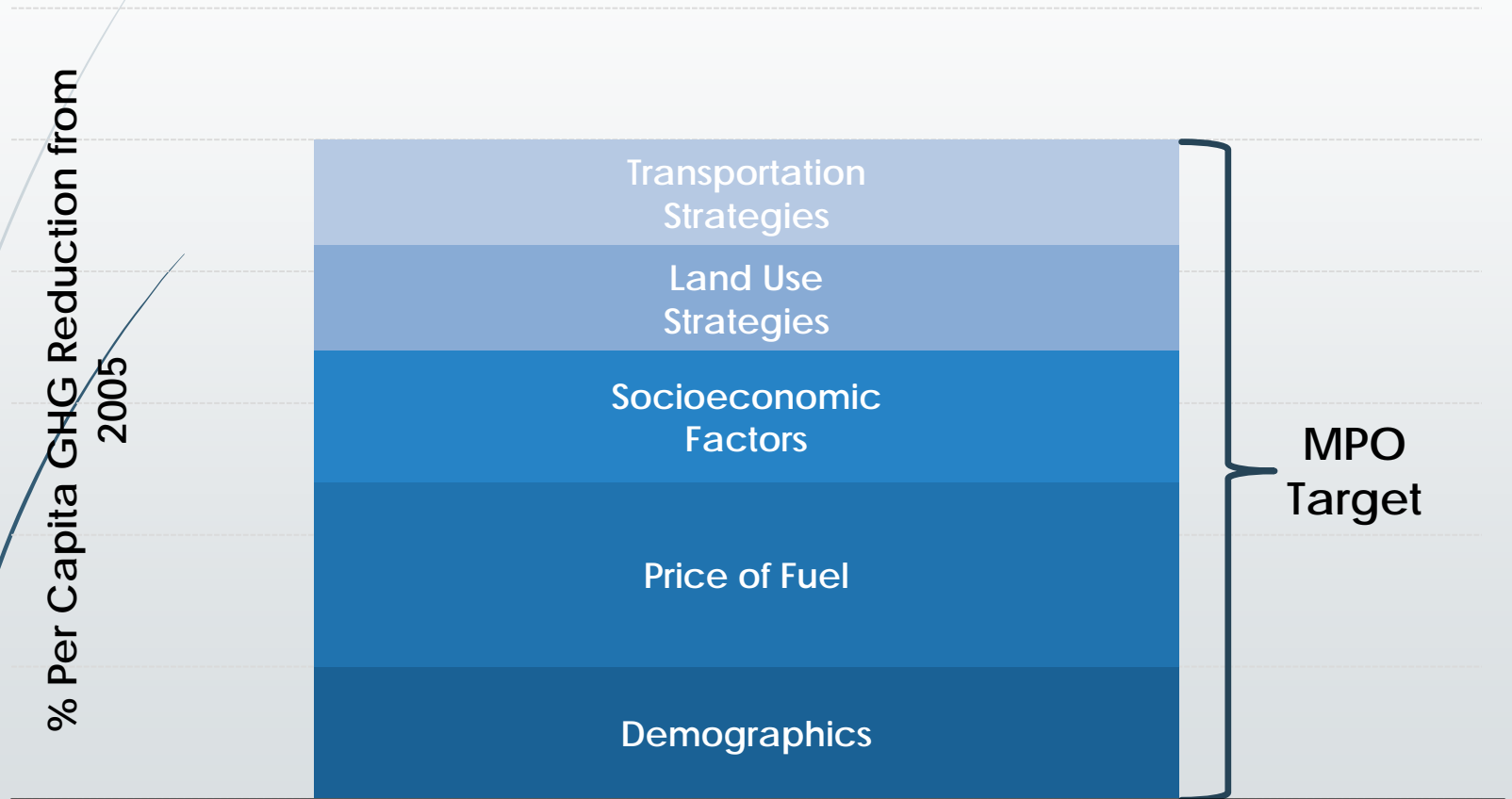
Desire for a new path forward that:

- Addresses challenges with current target framework and the use of modeling as a primary means of evaluation
- Added focus on local and regional land use and transportation policies and investments
- Ensures MPOs and their local and regional stakeholders continue to innovate and aspire to do more
- Enhances implementation and tracking tools

Revisions to Staff Proposal: A Potential Path Forward

- ▶ Adjust target framework and evaluation process to focus on land use and transportation policy and investments, and changes between plans
- ▶ Incorporate added reporting and tracking of investments, project performance, and implementation efforts
- ▶ Adjust 2035 targets to reflect updated information and stakeholder comments

Current Target Framework



Reporting and Tracking

Investments

- ▶ Additional funding for local planning of infill supportive infrastructure?

Project level performance

- ▶ Transportation project changes within infill areas (e.g. more multi-modal)? Estimated project impacts to VMT/GHG?

Implementation efforts

- ▶ Status of current community grant program? Tracking system in place for local development? Supportive policies in place (e.g. anti-displacement)?

Big Four MPO 2035 Targets

MPO	Currently Adopted Target	Current SCS Anticipated Performance	CARB Revised Proposed Target
% GHG Reduction Per Capita (Compared to 2005)			
MTC/ABAG	-15%	-15.5%*	-19%
SACOG	-16%	-16%	-18 to -19%
SANDAG	-13%	-18%**	-19%
SCAG	-13%	-18%	-19%

* SCS adopted but not yet evaluated by CARB

** Current SCS Performance as reflected with updated modeling results

Closing the Gap: Enhancing Tools and Implementation Resources

Initial set of ideas to be expanded upon:

- ▶ Implementation of recent SB 1 transportation bill and housing bills
- ▶ Policies to expand pooling opportunities with transportation network companies and connected autonomous vehicles
- ▶ Environmental performance metrics for transportation project selection
- ▶ Pricing tools for managing vehicle activity impacts and generating funds for sustainable transportation solutions

Next Steps

Event/Milestone/	Date
CARB Target Update Workshops	January – February 2018
CARB Adopts Target Update	Spring 2018
Joint Agency Sustainable Communities Roundtable Meetings	Spring - Summer 2018
CARB SB 375 Program Guidelines Update (e.g., reporting)	Draft Anticipated Summer 2018
CARB SB 150 Regional Sustainable Communities Progress Report	By September 1, 2018, and every four years thereafter; Regular reporting on SCS progress to the Board

BACKUP SLIDES



Revised Staff Proposal: SJ Valley MPOs 2035 Targets

MPO	Currently Adopted Target	Current SCS Anticipated Performance*	MPO-Recommended Target	CARB Proposed Target
Fresno COG	-10%	-10%	-13%	-13%
Kern COG		-13%	-13%	-15%
Kings CAG		-12%	-12%	-13%
Madera CTC		-15%	-15 to -20%	-16%
Merced CAG		-12.7%	-12.7%	-14%
San Joaquin COG		-14%	-14 to -15%	-16%
Stanislaus COG		-14%	-14 to -15%	-16%
Tulare CAG		-15%	-15 to -16%	-16%

* Current SCS Anticipated Performance as reflected with updated modeling results

Revised Staff Proposal: Six Remaining MPOs 2035 Targets

MPO	Currently Adopted Target	Current SCS Anticipated Performance	MPO-Recommended Target	CARB Proposed Target
AMBAG	-5%	-6%	-6%	-6%
Butte CAG	1%	-7%	-7%	-7%
San Luis Obispo COG	-8%	-10.9%	-8%	-11%
Santa Barbara CAG	0%	-17%*	-17%	-17%
Shasta RTA	0%	-0.5%	-3.5%	-4%
Tahoe MPO	-5%	-5%*	-5%	-5%

* SCS adopted but not yet evaluated by CARB