

Senate Bill 375 Target Update

California Action Team Public Health Workgroup
July 18, 2017

California Environmental Protection Agency

 Air Resources Board

SB 375 Background

- ▶ Reduces GHG emissions through coordinated transportation and land use planning
 - ▶ MPOs prepare a Sustainable Communities Strategy (SCS) as part of the Regional Transportation Plan (RTP) every 4 years
 - ▶ CARB has reviewed over 20 SCSs to-date & all have met or exceeded the targets

SCS Strategy Areas

Land Use	Transportation System Management
Transportation	Pricing
Transportation Demand Management	Vehicle Technology & Enhanced Mobility

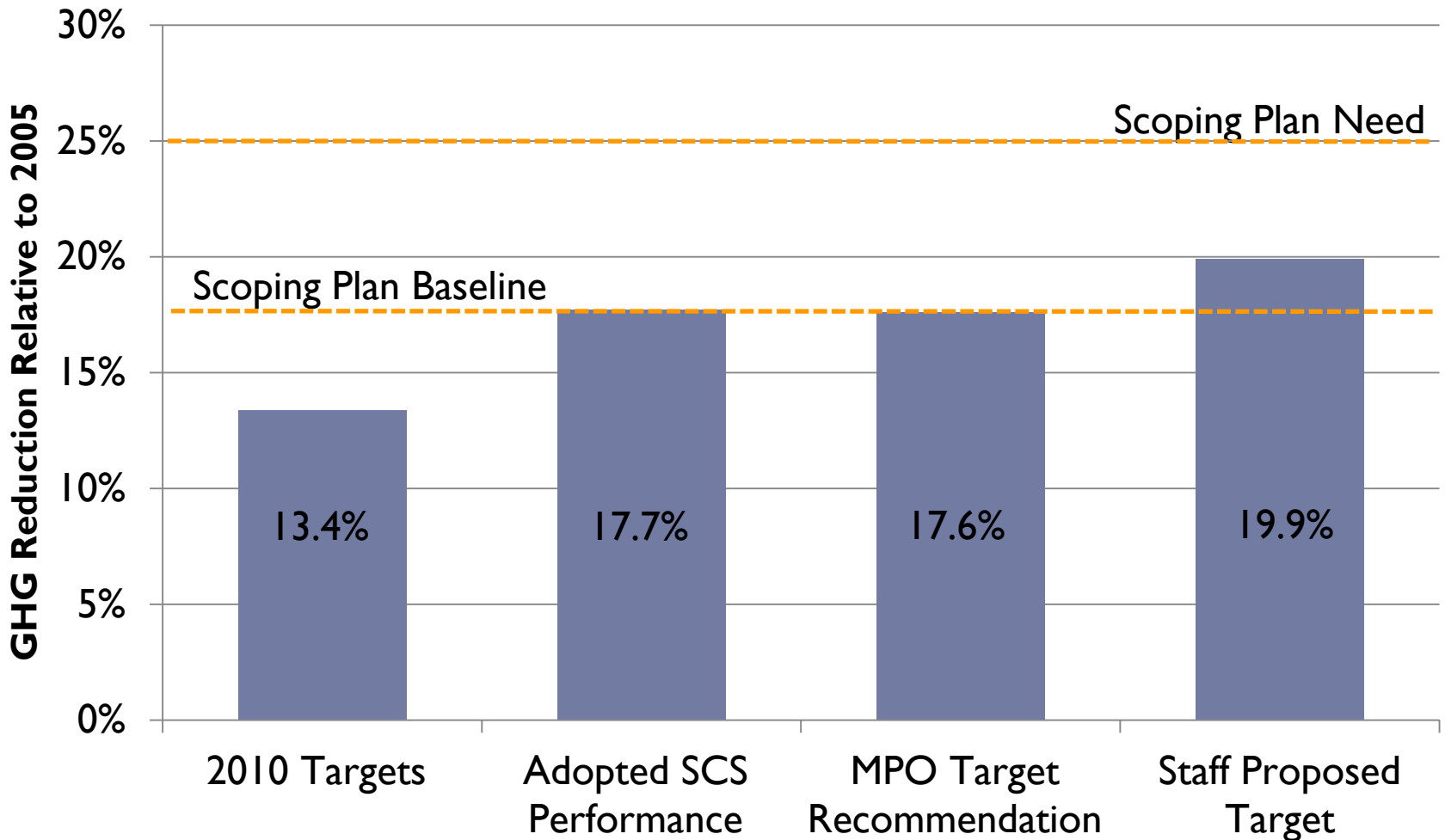
Regional GHG Reduction Targets

- ▶ CARB set GHG reduction targets in 2010 for the years 2020 and 2035
- ▶ Targets are set at a percent reduction of passenger vehicle GHG emissions per person from 2005 levels
- ▶ CARB must update targets every 8 years

Target Update Considerations & Process

- ▶ Changes and progress to date
- ▶ Stakeholder consultative process
 - ▶ Public comment and feedback
- ▶ **Top-Down Analysis**
 - ▶ Senate Bill 32
 - ▶ Scoping Plan Update and Executive Orders
 - ▶ Mobile Source Strategy / State Implementation Plan
- ▶ **Bottom-Up Analysis**
 - ▶ MPO technical analysis and recommendations

Scoping Plan Needs & SB 375 Targets



Co-Benefits of Sustainable Development

Economic opportunities

Lower household costs
& transportation costs

Lower building
energy use

Accessibility

Public health

Mobility &
housing choices

Social equity

Natural resource conservation

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PROCESS

Public Health Co-Benefits

- ▶ Initial review of methodologies for Scoping Plan public health co-benefits indicates strong contribution from strategies that increase active transportation
- ▶ ARB staff working with California Department of Public Health to quantify health benefits.
 - ▶ Integrated Transport and Health Impact Model (ITHIM)

CARB Research

- ▶ SB 375 indicator project
- ▶ Displacement and gentrification
- ▶ VMT/GHG impacts of ridesourcing/sharing
 - ▶ Strategy guidance for maximizing environmental benefits (e.g. first/last mile connection to transit)
- ▶ Multiple studies related to electric vehicle travel and charging behavior

for more information visit:

<https://www.arb.ca.gov/research/sustainable/sustainable.htm>

Schedule

Date	Task
June	<ul style="list-style-type: none">- Public Comment Period Began June 13- Public Workshops (3 total)
July	<ul style="list-style-type: none">- 45-Day Public Comment Period Closes July 28
August	<ul style="list-style-type: none">- Response to Comments for Environmental Assessment
September	<ul style="list-style-type: none">- Convene Roundtable- Finalize Staff Report and Target Recommendations- Finalize Environmental Assessment
October	<ul style="list-style-type: none">- Release Final Staff Report & Environmental Assessment- CARB Board Meeting
December/January	<ul style="list-style-type: none">- Update CARB Technical Methodology- Finalize Performance Indicators Research

<https://www.arb.ca.gov/cc/sb375/sb375.htm>