

**California Senate Bill 375  
Greenhouse Gas Reduction  
Target-Setting  
Public Workshops**

**California Air Resources Board  
July 22, 2010  
Fresno, CA**

**Sustainable Communities and Climate  
Protection Act of 2008**

- Landmark legislation aligns regional planning for transportation, housing and greenhouse gases
- Implementation and policy decision-making remain at local level
- Supports California's climate goals

## Benefits of Better Planning

- Livable communities
- Healthier lifestyles
- Conserving natural resources
- Lower costs for families and government
- A more sustainable future

3

## Senate Bill 375 Basics

- Regions design sustainable communities strategies as part of normal planning process
- To help guide regional efforts, ARB sets targets
- Targets will be revised over time

4

## SB 375 Builds on Positive Actions

- Virtually all the MPO regions have participated in blueprint growth scenario planning
  - Continue work as conveners at the local level
- Cities are updating General Plans and developing Climate Action Plans for sustainability
  - Many excellent examples already on the ground

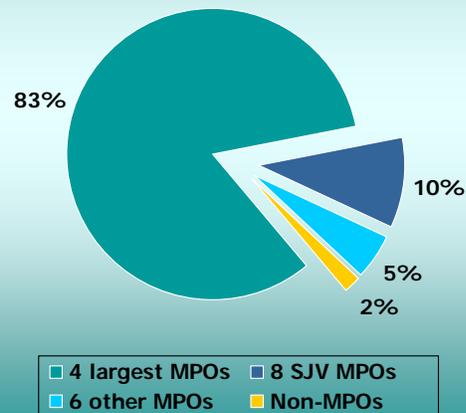
5

## Proposed Draft Targets

## Metropolitan Planning Organizations



Percent of Statewide Population and Passenger Vehicle GHG Emissions



7

## MPO and ARB Collaboration and Scenario Development

- MPO staff initiated a coordinated effort for data exchange and regional scenario development
- Discussions focused on:
  - Policy descriptions and deployment levels (e.g. transit, land use, system/demand management, pricing)
  - Travel cost and RTP revenue assumptions
  - Regional similarities and differences across MPOs

8

## Approach for 2020 Targets

- Recognize factors such as:
  - Time needed to change land use form and transportation infrastructure
  - Economic recovery
  - Improvements in transportation efficiency
  - Near-term forecasts

9

## Challenge of 2035 Targets

- Forecasting challenges
  - Regional development of long-term vision takes time, resources, and commitment
  - Modeling issues
- Near-term additional work underway
  - Placeholder ranges for July workshops
  - MPOs work continues
- Long-term effort needed for target revision in 4 years

10

## MPO Alternative Scenario Data

- Many MPOs submitted quantitative data
- Looked at impacts of individual strategies and combined strategies
- Examples of strategies tested:
  - Increased compact development
  - Expansion of transit network
  - Jobs-housing balance
  - Pricing

11

## Four Large MPOs - 2020 Targets

Percent Reduction in Per Capita Emissions from 2005 to Target Year

REGION	2020
Bay Area Region	5-10%
Sacramento Region	
San Diego Region	
Southern California Region	

Percent reduction numbers do not include emission reductions expected from Pavley and LCFS measures.

12

## Four Large MPOs - 2035 Scenario Results

Percent Reduction in Per Capita Emissions from 2005 to 2035

REGION	2035
Bay Area Region:	3 - 12%
Sacramento Area Region:	13 - 17%
San Diego Region:	5 - 19%
Southern California Region:	3 - 12%

Percent reduction numbers do not include emission reductions expected from Pavley and LCFS measures.

13

## San Joaquin Valley Placeholder Target Considerations

- Limited technical data
- Targets should reflect a reduction in per capita emissions -- not an increase
- Based on submitted data, initial placeholder range is 1 to 7 percent reduction for both 2020 and 2035

14

## Remaining 6 MPO Regions

- Butte, Monterey Bay Area, San Luis Obispo, Santa Barbara, Shasta, Tahoe
- Targets set at each MPOs most current projected emissions for 2020 and 2035

15

## San Joaquin Valley

- Eight individual MPOs
  - MPO Directors currently coordinate on regional transportation issues
  - SB 375 allows MPOs to develop multi-county strategies
- Key Valleywide issues
  - Impact of interregional travel
  - Limited resources
  - Population growth

16

## Next Steps

- Continued collaboration with MPO staff on technical work
- Release of staff proposal in early August
- Board consideration in late September

17

**Thank you for attending this workshop.**

For more information, please contact:

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Submit your comments at:

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

View all public comments at:

<http://www.arb.ca.gov/lispub/comm/bccommlog.php?listname=senbill375>

18