



## ARB PUBLIC WORKSHOP

# SCAG DRAFT SUSTAINABLE COMMUNITIES STRATEGY

February 21, 2012

California Environmental Protection Agency

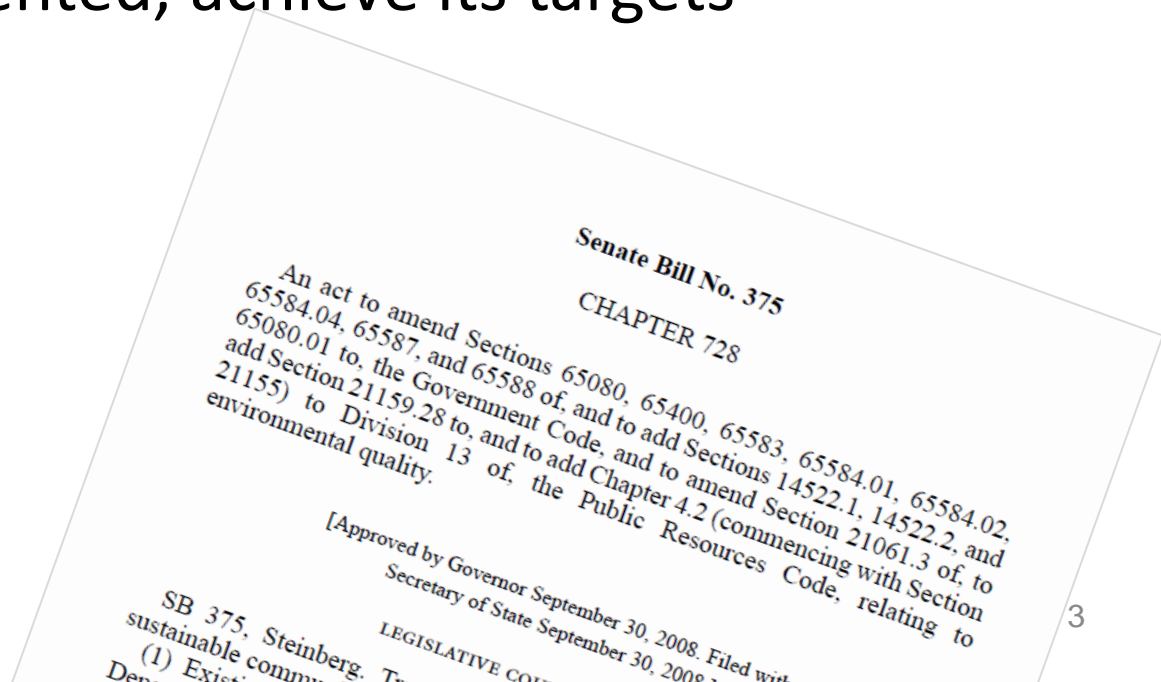
 **Air Resources Board**

# Status of Implementation of SB 375

- ARB set regional greenhouse gas reduction targets in September 2010 – per capita metric
- SCAG is largest urban area with about 50% of statewide passenger vehicle emissions
- SCAG's targets
  - 8 percent in 2020
  - 13 percent in 2035

# ARB's Role Under SB375

- Establish and periodically update GHG targets
- Review MPO technical methodologies
- Accept/reject an MPO's determination that its SCS would, if implemented, achieve its targets



# ARB Technical Review

## Methodology

- Review designed to evaluate the accounting for greenhouse gas reductions from an SCS
- Key components of review
  - Modeling tools
  - Data inputs and assumptions
  - Modeling sensitivity tests
  - Performance Indicators

# Key Review Questions

- How were travel modeling and supporting analyses used in GHG quantification?
- What transportation and socioeconomic data inputs were used?
- Did modeling show sensitivity to strategies?
- Do performance indicators support the GHG quantification?

# SCAG's Analysis of Draft SCS

- SCS meets 2020 target and exceeds 2035 target
  - 8 percent reduction in 2020
  - 16 percent reduction in 2035
- Over 65% of new homes are multi-family
- Over 50% of new jobs and housing near transit
- Saves over 400 square miles of open space
- Reduces congestion by 10%
- Accommodates region's growth of 4 million people through 2035

# Nature of Transportation Investments

- Targeted transit investments
  - Over 40 % of capital expenditures are for transit
  - Investment in focused growth areas
  - Support compact development and infill
- Active transportation
  - \$6 billion for bike and walk infrastructure
  - Improves safety and access to transit
  - Over 5,800 miles of new bikeways
  - About 12,000 miles of sidewalk upgrades

# Next Steps

- Informational report to ARB Board in March
- SCAG adopts RTP/SCS in April
- SCAG submits adopted RTP/SCS to ARB
- ARB finalizes review

