

# Innovative State and Local Greenhouse Gas Initiatives

## California Senate Bill 375

**Kurt Karperos**

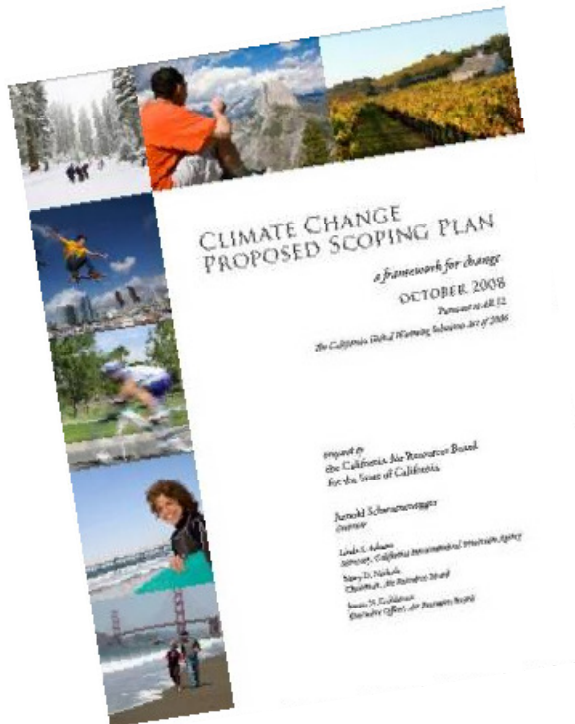
Chief, Air Quality & Transportation Planning  
California Air Resources Board





# Climate Change Scoping Plan

## A Framework for Change



- Achieve 1990 GHG emissions level by 2020
- Mix of strategies
- Relies on SB 375 for reductions from land use and transportation



## Greenhouse Gas Emissions from Transportation

- Approximately 40% of the GHG emissions in California are transportation-related
- 80% of this comes from on-road vehicles – mostly cars and light trucks



# Reducing Transportation GHG Emissions

- Cleaner Cars
- Low Carbon Fuels
- Better Land Use & Transportation Planning



## California Senate Bill 375

- Aligns regional planning for transportation, housing and greenhouse gases
- Is incentive-based
- Is implemented at the local and regional level



# Metropolitan Planning Organizations



- 18 MPOs
- 98% of the State's population
- 97% of the State's passenger vehicle VMT
- 97% of the State's passenger vehicle GHG emissions



## SB 375 Promotes a New Regional Planning Process

- Requires consideration of greenhouse gas emissions in regional transportation planning
- Aligns housing plans with development patterns in regional transportation plans
- Keeps land use decisions at local level but promotes regional planning

## SB 375 Identifies Two Key Roles

- ARB sets greenhouse gas emission reduction targets for 2020 and 2035
- MPOs and local governments develop and implement plans to meet the targets



# Adds New Element to Regional Transportation Plans

- Policy element
- Action element
- Financial element
- Sustainable Communities Strategy (SCS)



# Sustainable Communities Strategy

- Developed by MPO through an enhanced public process
- Quantifies GHG reductions achieved by strategies and compares to GHG reduction targets
- If SCS does not meet targets, a separate Alternative Planning Strategy (APS) is prepared



## ARB's Target Setting Effort

- MPO and ARB collaboration underway
  - MPO scenario development
  - Technical data exchange
- ARB releases draft targets by June 30, 2010
- ARB sets final targets by Sept. 30, 2010



## Regional Scenarios

- Build on local data and long-range planning assumptions
- Consider the unique characteristics of each region when setting targets
- Provide the option for each region to submit their own suggested target



## Keys to Getting it Right

- Outreach to local government
- Increase Incentives
- Maintain flexibility in achieving targets

**Thank you!**

**More information at:**

[www.arb.ca.gov/cc/sb375/sb375.htm](http://www.arb.ca.gov/cc/sb375/sb375.htm)

