

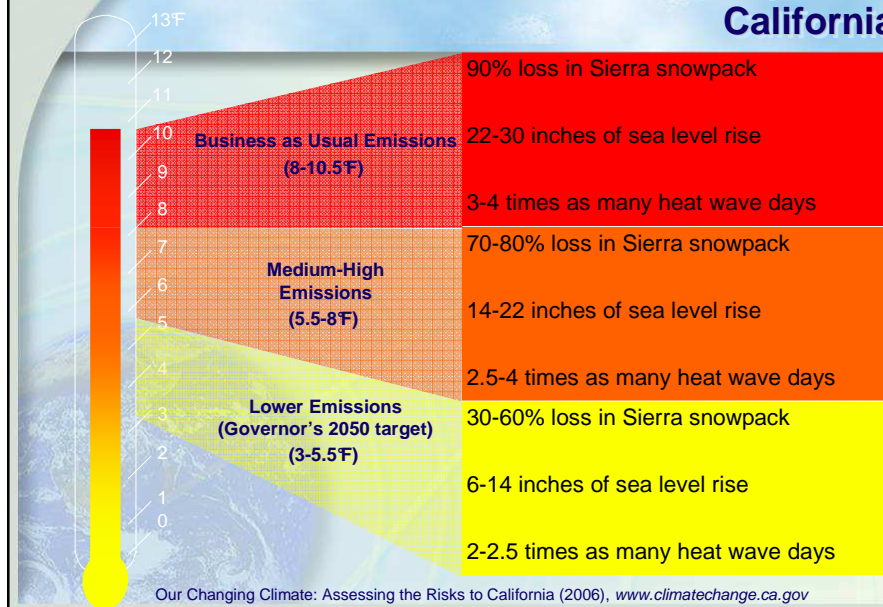
Overview: AB 32 / SB 375 / Role of RTAC

Regional Targets Advisory Committee

ARB Staff
February 3, 2009

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Projected Global Warming Impact on California



AB 32 and the Scoping Plan

- AB 32 signed into law Sept. 27, 2006
- ARB adopted Scoping Plan Dec. 11, 2008
- Scoping Plan goals:
 - By 2020 reduce GHGs back to 1990 levels
 - On track to reduce 80% from 1990 level by 2050
- Scoping Plan recommends mix of strategies combining market mechanisms, other regulations, voluntary measures, energy efficiency, and fees

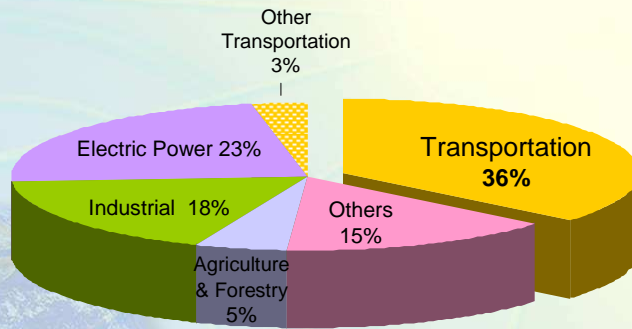
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Scoping Plan Key Elements

- State Government
- Transportation
- Energy
- Industrial sources
- High “global warming potential” GHG measures
- Recycling and waste reduction
- Agriculture and forests
- Water efficiency
- Local Government Actions
- Regional Passenger Vehicle GHG Targets

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Transportation GHG Emissions 2020



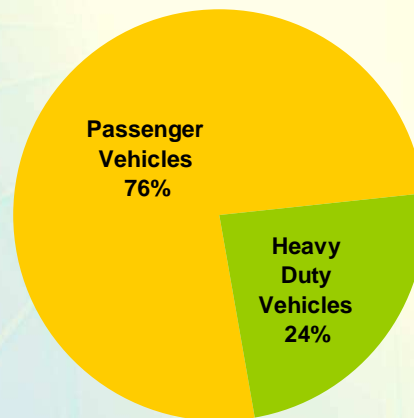
*Preliminary ARB GHG Projections for 2020; Other Transportation: trains, planes, ships

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On-Road Transportation Sources California: 2020

Passenger Vehicles
~ **160 MMTCO₂E**

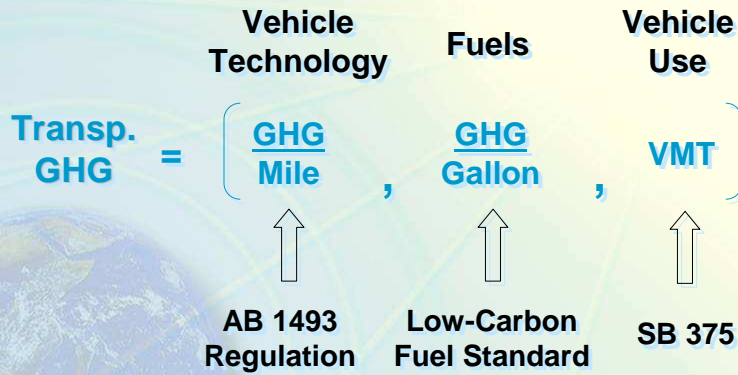
Heavy-Duty Vehicles
~ **50 MMTCO₂E**



*Preliminary ARB GHG Projections for 2020

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Transportation GHG



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SB 375 Landmark Legislation

“In order to reach California’s greenhouse gas goals we must rethink how we design our communities”

(From Governor’s Office Fact Sheet on SB 375)

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Key Acronyms List

- APS – Alternative Planning Strategy
- CEQA – California Environmental Quality Act
- GHG – Greenhouse Gas
- MPO – Metropolitan Planning Organization
- RHNA – Regional Housing Needs Assessment
- RTAC – Regional Targets Advisory Committee
- RTP – Regional Transportation Plan
- SCS – Sustainable Communities Strategy

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SB 375 Basics

- ARB appoints RTAC to provide technical recommendations to help ARB's target-setting
- ARB sets regional passenger vehicle greenhouse gas emission reduction targets
 - Ongoing exchange of information with MPOs and stateholders
 - MPOs may recommend targets
- Regions develop plans to meet targets
 - Sustainable Communities Strategy (SCS)
 - Alternative Planning Strategy (APS)
- ARB reviews plans and makes determination whether plans meet targets
- Projects consistent with plans that meet targets may receive certain CEQA benefits

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Statutory Timelines

Jan 31, 2009	ARB appoints Regional Targets Advisory Committee (<i>appointed Jan 23, 3009</i>)
Sept 30, 2009	RTAC recommendations due to ARB
June 30, 2010	ARB deadline to issue draft targets
Sept 30, 2010	ARB deadline to adopt final targets

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Regional Targets Advisory Committee (RTAC)

- Recommend factors to be considered and methodologies to be used for setting regional passenger vehicle greenhouse gas emission reduction targets
- ARB shall consider the recommendations prior to setting the targets

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Issues to Consider

- Modeling techniques
- Growth forecasts
- Jobs-housing balance
- Interregional trips
- Economic and demographic trends
- Benefits of land use and transp strategies
- Methods to describe targets
- Methods to monitor performance

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When Considering Factors and Methods:

SB 375 states that:

- Targets are to be met with land use and transportation measures and policies

ARB Board asks the RTAC to:

- Recommend methods to evaluate the full potential for reducing greenhouse gas emissions in each major region of the state

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Board's Intent

- After considering the RTAC's recommendations on factors and methods, it is the Board's intent to provide regional targets for each region that represent the most ambitious and achievable targets

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Committee Housekeeping

- Open Meetings (Bagley-Keene)
- Time & Place of Meetings
- Substitutes
- Voting
- Chairman's Duties

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