

Climate Protection Regulatory Overview



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SLO County Air Pollution Control District

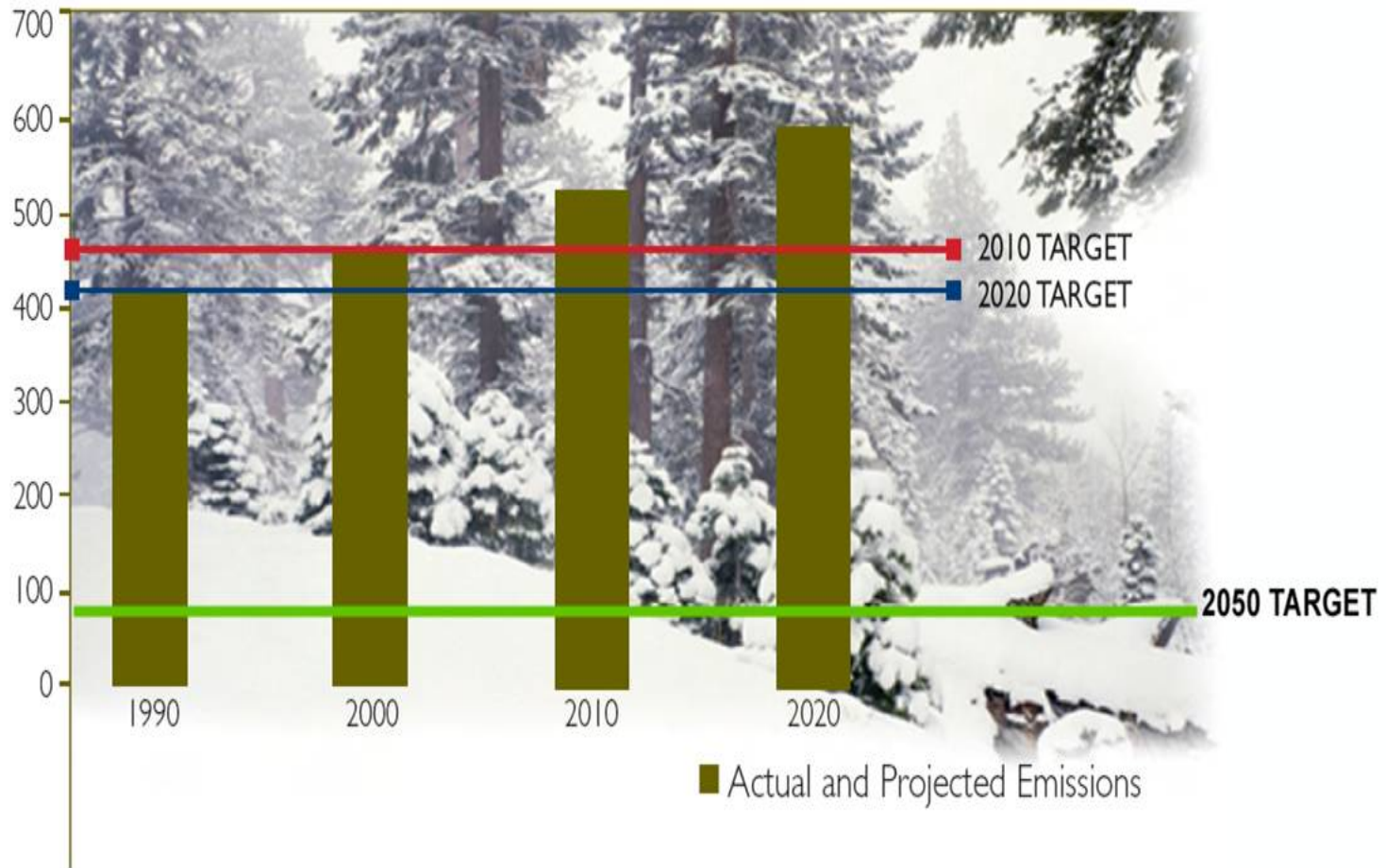
California GHG Reduction Goals

AB 32: Climate Solutions Act of 2006

- 2010: GHG emissions at 2000 levels
- 2020: GHG emissions to 1990 levels
- 2050: GHG emissions to 80% below 1990 levels

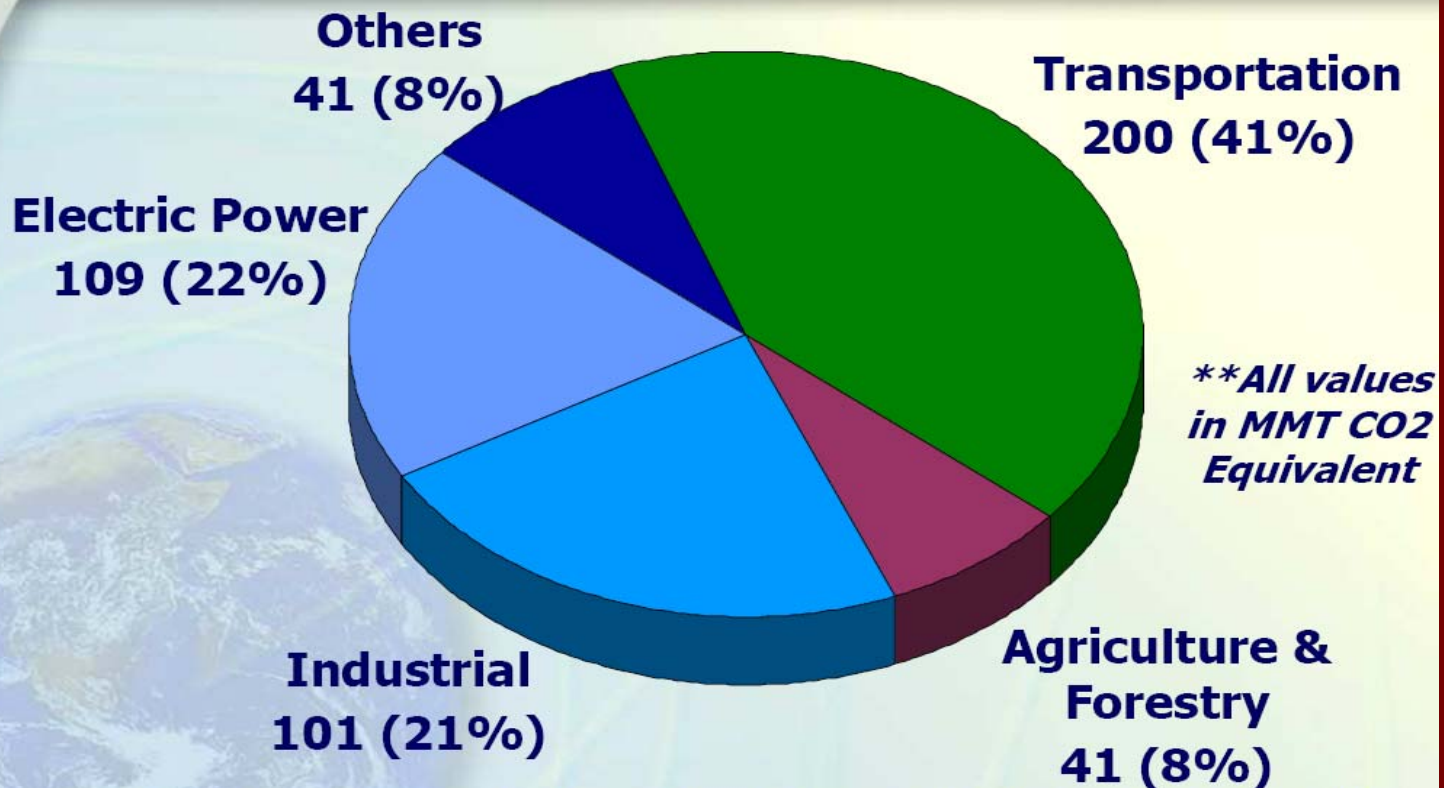


The Task Ahead



GHGs in California

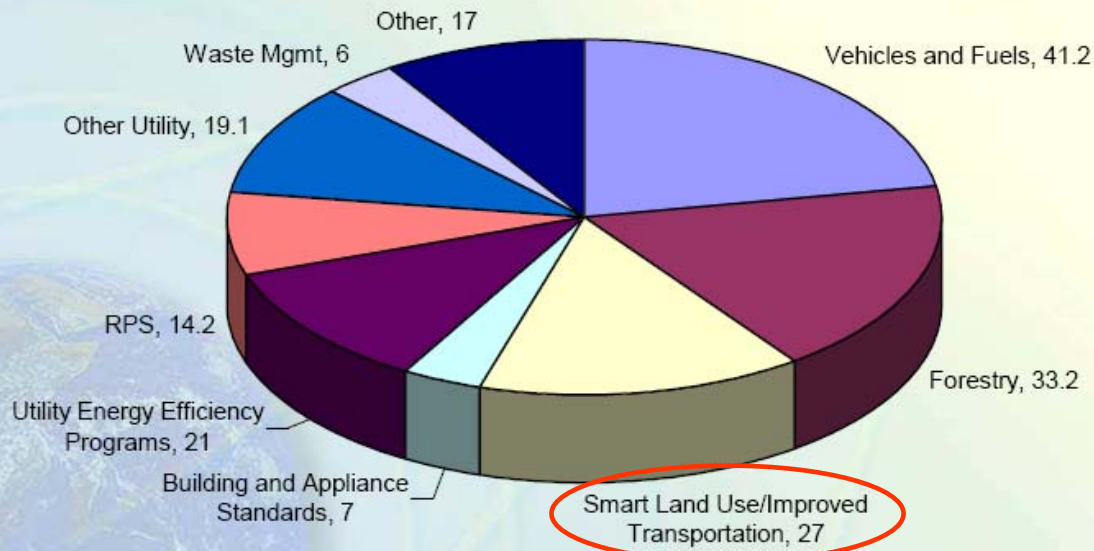
Sources of California's Climate Change Emissions in 2004



Source: California Energy Commission; Inventory of California Greenhouse Gas Emissions and Sinks: 1990 to 2004

2020 GHG Reductions By Sector

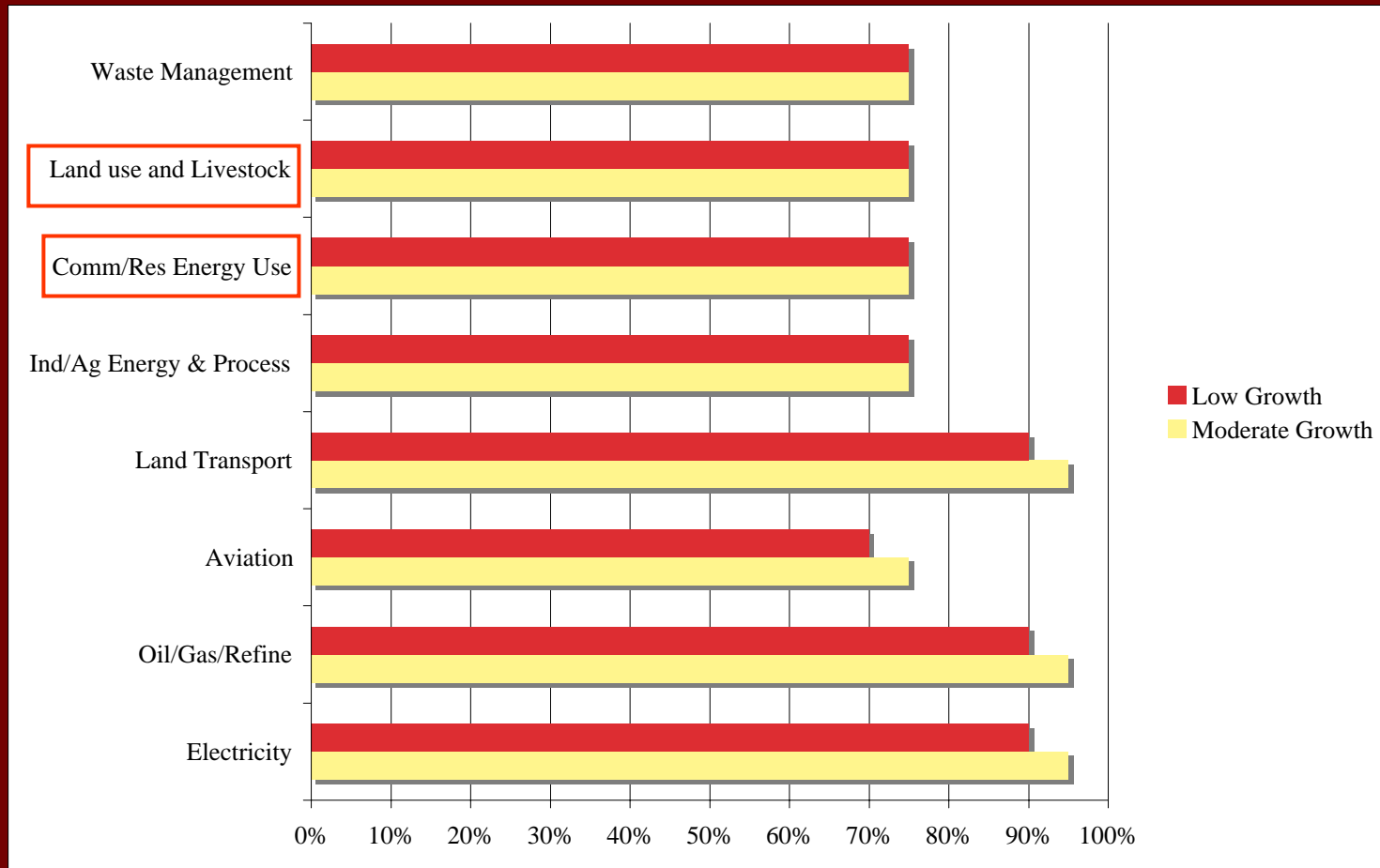
Sources of Potential Reductions (Million Metric Tons CO2 Equivalent)



Source: March 2006 Climate Action Team Report

Percent Reduction (from projected 2050 rate) Needed to Meet AB 32 2050 Reduction Goal

- Low and Moderate Emissions Growth -



AB 32 Provisions

Provision	Date
Statewide GHG inventory to ARB	Jan 07
List of early action measures	July 07
Mandatory reporting & 1990 baseline E.I.	Jan 08
GHG reduction plan Maximum technologically feasible and cost-effective. Includes regulations and market measures.	Jan 09
Early action measures effective	Jan 10
Plan implemented	Jan 11

State Actions to Reduce GHGs

ARB Implementation of AB 32

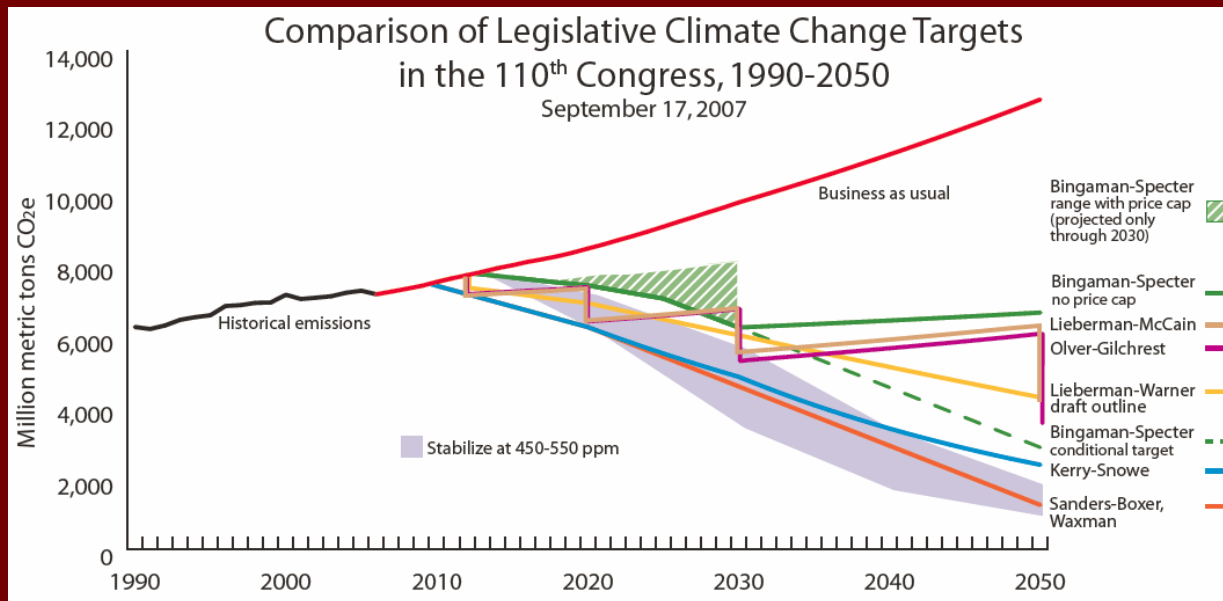
- Early action measures adopted
- 1990 baseline emissions inventory adopted
- Mandatory GHG emissions reporting rule adopted
- Scoping Plan for regulatory and market measures under development
- GHG stds for motor vehicles (AB 1493)

Climate Action Team strategies

- Increased energy efficiency & use of renewables
- Promote smart growth and intelligent transportation
- Waste reduction
- Forest & biofuels management

Other Related Actions & Mandates

- Climate change negotiations in Bali
 - 25% - 40% reductions by 2020
- Impending federal legislation



← 60% reduction
from 2005 levels

- State Attorney General CEQA lawsuits
- GHG reduction goals in Regional Transportation Plans
- SLO APCD Climate Protection Plan

APCD Climate Protection Program

Adopted by APCD Board in Nov 2005

- Work w/local communities to reduce GHGs
 - Join Cities for Climate Protection
 - Municipal and community GHG inventories
 - Develop & implement local action plans
- Partner with Cal Poly to assist cities and help with outreach efforts
- Target mitigation grant funds for GHG reduction projects
- Public education