ARB Action Plan for 2006

January 26, 2006

California Air Resources Board

Governor's Initiatives

2006/07 Budget

Strategic Growth Plan

Goods Movement

Climate Change

Hydrogen Highway

Governor's Initiatives

Proposed 2006-07 Budget

- New funding and positions for ARB
  - $6.5M for hydrogen highway
  - $5.2M, 14.8 PYs for climate change
  - $4M, 19 PYs for enforcement/testing
  - $2M for innovative clean air technologies
  - $1.7M, 7.7 PYs for goods movement
  - $1.1M for in-use diesel testing

Governor's Initiatives

Strategic Growth Plan

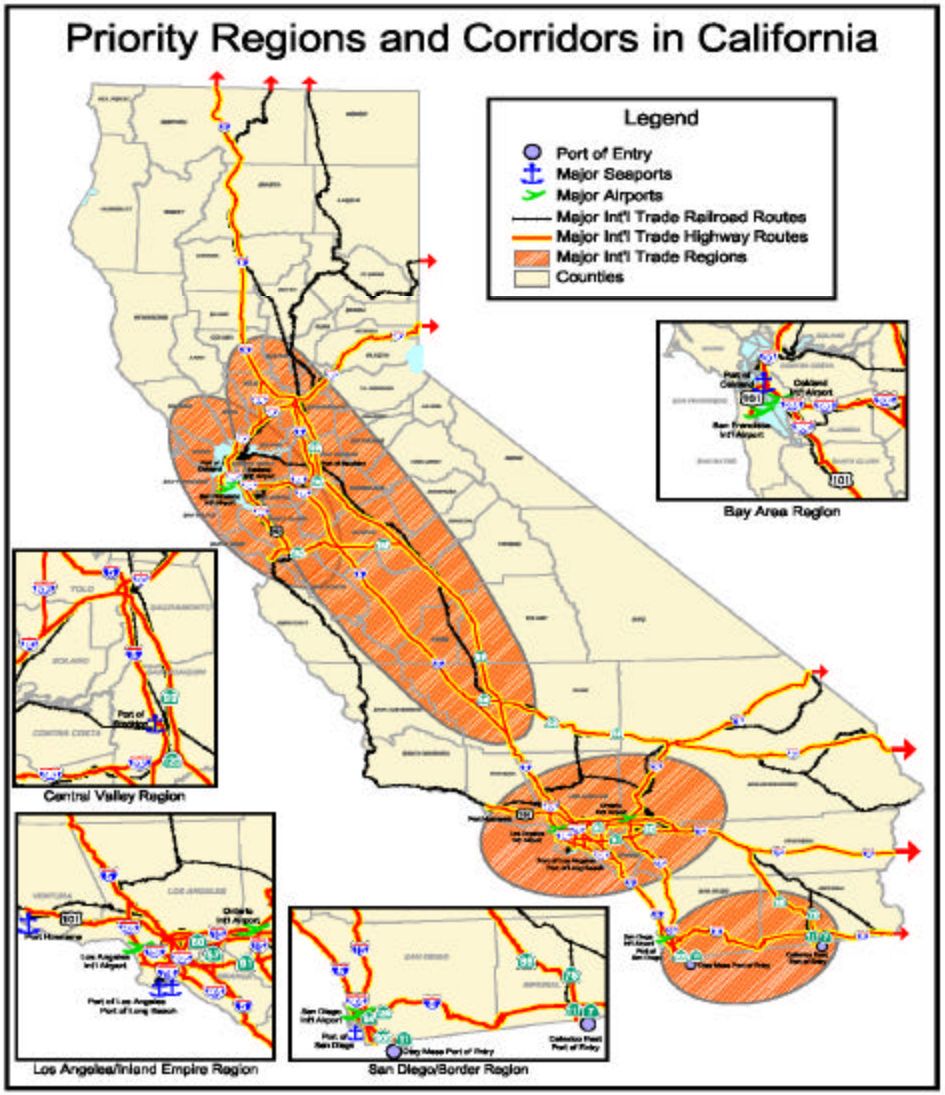
- "We need to consider clean air as part of our critical infrastructure." *State of the State Address*

- Proposed $1 billion in GO bonds (w/equal match) to cut goods movement air pollution

Governor's Initiatives

Goods Movement Action Plan

- Phase I report done
- Phase II July 2006
- ARB Comprehensive Emission Reductions Plan incorporated
- Tied back to bonds



Governor's Initiatives

Climate Action Team

- Targets set
- Strategies being defined
- Report to Gov mid-February
- ARB Board update in March

ARB Responsible for:

- ✓ Vehicle standards
- ✓ Idling limits
- Other vehicles/fuels
- Electrification
- Refrigerants
- Manure management
- Semi-conductors
- Oil & gas systems

Governor's Initiatives

Hydrogen Highway Network

- Contracts to build first 3 State funded stations for public fueling
- Funding proposed for another 3 public stations and 5 demonstration buses

ARB 2006 Rulemakings

Diesel Risk Reduction

School Bus Guidelines

NOx, VOC Controls

Air Toxics

Nitrogen Dioxide Standard

ARB Rulemakings

Diesel Risk Reduction

- On-road public and utility truck fleets
- Mfr in-use testing of trucks and buses
- Zero-emission buses
- Diesel control verification procedures
- Border trucks

ARB Rulemakings

Diesel Risk Reduction, cont.

- Off-road diesel equipment
- In-use stationary agricultural engines
- Portable equipment
- Commercial harbor craft
- Incineration on cargo ships

Other Major Activities

School Bus Guidelines

- $25M this year
- Need to update guidelines
- Replace oldest buses first
- All areas eligible for retrofit $

ARB Rulemakings

NOx/VOC Controls

Passenger vehicles:

- Catalyst replacement specs
- Exhaust testing procedures
- On-board diagnostics review
- Initiate LEV/ZEV Expert Review

ARB Rulemakings

NOx/VOC Controls

Other sources:

- Forklifts and other large gas equipment
- Aboveground gasoline storage tanks
- Ethanol in reformulated gasoline
- Consumer products standards

ARB Rulemakings

Air Toxics

- Environmental tobacco smoke ID
- New requirements for chrome plating
- Tighter dry cleaning (perc) rules
- Formaldehyde controls
- Add diesel engines to “Hot Spots” emission reporting program

ARB Rulemakings

Nitrogen Dioxide Standard

- Review existing state standard
- Consider tighter standard to protect asthmatics

Other Major Activities

Ports and Goods Movement

Environmental Justice

SIP Development

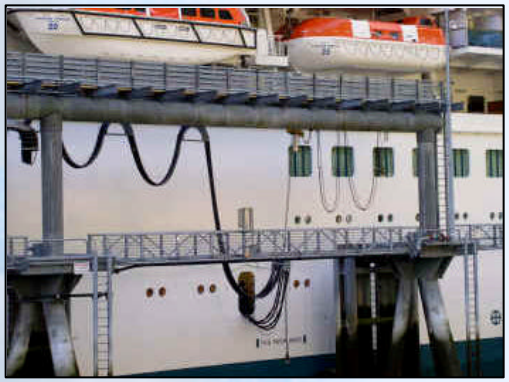
ARB/District Retreats

Haagen-Smit Symposium

Other Major Activities

Ports & Goods Movement

- ARB Emission Reduction Plan
- $1B bond expenditure plan and related legislative amendments
- Shore power feasibility study
- Port truck modernization report



Other Major Activities

Ports & Goods Movement

- Locomotive maintenance pilot project
- Remote sensing study for locomotives
- Marpol Annex 6 ratification
- SECA designation

Other Major Activities

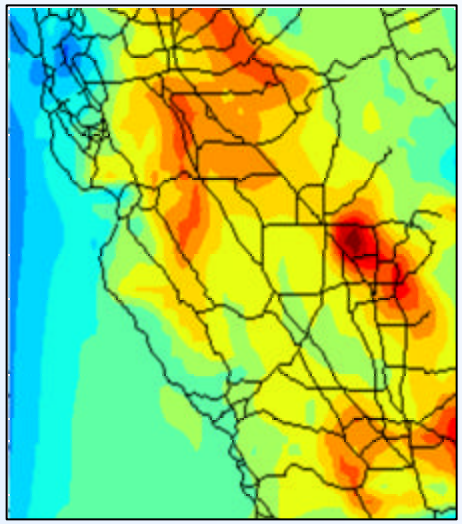
Environmental Justice

- Southern California pilot project(s)
- $700k research study (continuing)
- Outreach on Land Use Guidance
- Goods Movement-related community meetings
- Truck idling enforcement

Other Major Activities

SIP Development

- Spring symposium on Central/Northern California field studies for ozone & PM
- Joint ARB/district work on technical foundation and control strategies
- Public process



Other Major Activities

SIP Development, cont

- South Coast SIP launched this month
- To be adopted locally December 2006
- Goods movement strategies heart of anticipated plan

Other Major Activities

ARB/District Board Retreats

- South Coast (March 24)
- San Joaquin Valley (tbd)
- Bay Area (tbd)
- Others…

Other Major Activities

ARB/CAPCOA Retreat

- Management level
- Focused on diesel hot spots
- Goal is greater collaboration
- February 27-28 in San Diego

Other Major Activities

Haagen-Smit Symposium

- Topic this year is *"The Future of Transportation Fuels – Environmental and Economic Aspects"*
- BAAQMD, SCAQMD co-sponsoring
- May 8-11 in Seascape

Federal Rulemakings

NRC Report on State Vehicle Standards

Tier 3 Locos & Marine Engines

Lawn & Garden Equipment <25 hp

Heavy Duty In-Use Testing Rule

Forklifts and Gas Equipment

Recreational Boats

PM2.5 and Coarse PM Standards

Summary

- Exciting and busy year ahead
- Expect the unexpected
- Staff available to answer questions