

The background of the slide features a stylized image of the Earth, showing continents and oceans, overlaid with a light blue grid pattern. The top of the slide has a light blue curved banner.

**National Association of Regional
Councils, Annual Conference**

**Integrating Air Quality and
Transportation Planning**

Panel I – Developing a Framework

Douglas Ito, Air Resources Board

June 1, 2009

California's Assembly Bill 32: The Global Warming Solutions Act of 2006

- Established the first economy-wide climate change program in the United States
- Set greenhouse gas emissions limit for 2020 at 1990 level
 - Acknowledges that 2020 is not the endpoint
 - Points way toward 80% reduction by 2050
- ARB adopted a Scoping Plan in December 2008
 - Framework for achieving AB 32's GHG reduction goals
 - SB 375 represents California's policy for reducing greenhouse gas emissions from land use and transportation

California's Senate Bill 375

Sept 30, 2008	Signed into law
Jan 31, 2009	ARB appoints Regional Targets Advisory Committee (RTAC)
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

Senate Bill 375

- Integrates several separate policies into one planning process
 - Regional transportation planning & funding
 - Land use/housing planning
 - Greenhouse gas emission reductions (AB 32)
- Plan implementation & incentives
 - Environmental review relief for residential projects that help implement plans

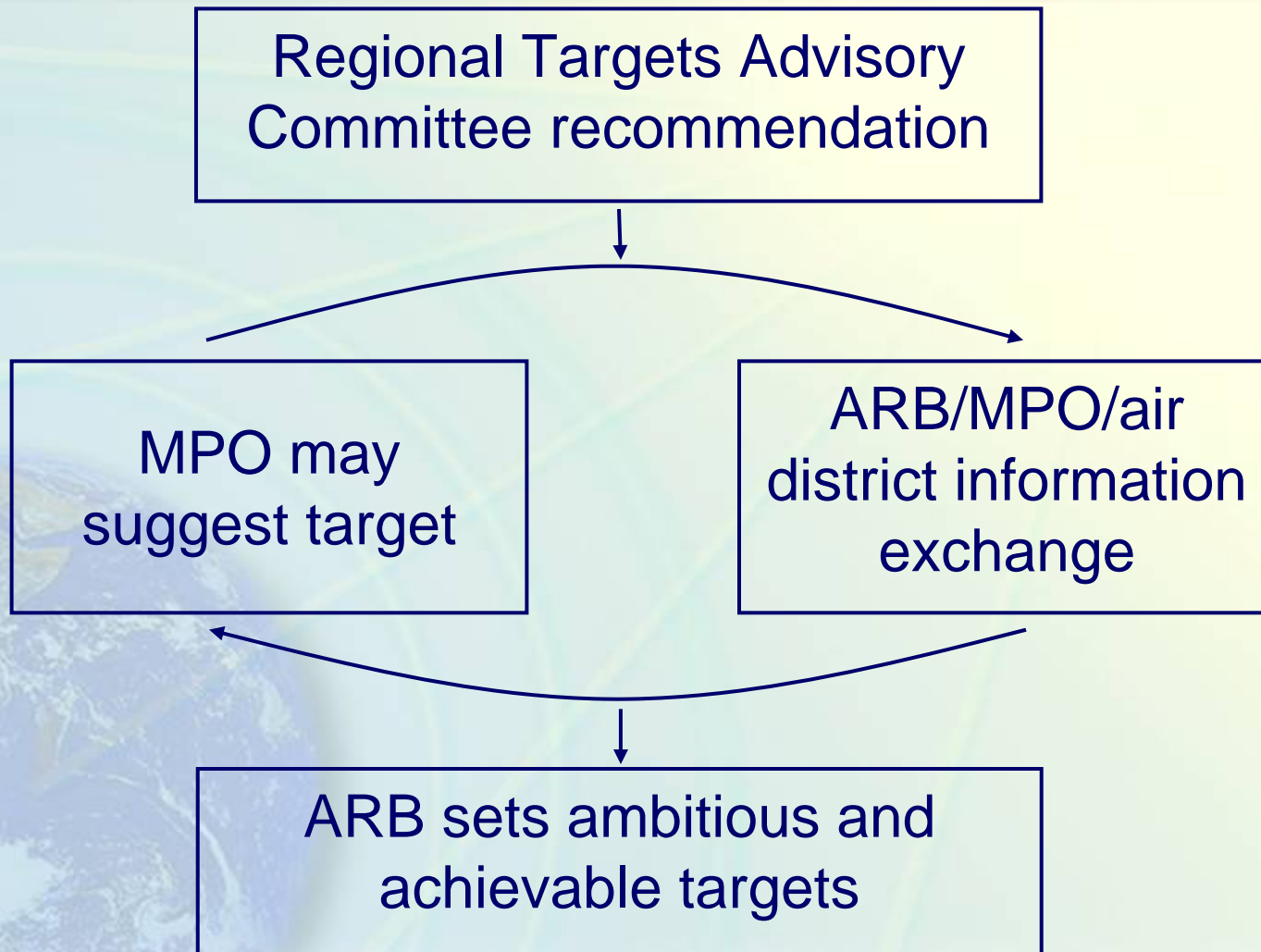
SB 375 and Planning

- Emphasizes regional scale planning
- Encourages regional and local governments to work together to make decisions
- Supports sustainable community planning
 - High priority placed on public participation and transparency

SB 375 – Approach

- Regional Targets Advisory Committee
- Regional greenhouse gas emission reduction targets
 - MPO region-based targets
 - 2020 & 2035, for passenger vehicles
- Regional planning to meet targets
 - Sustainable communities strategy / alternative planning strategy

SB 375 Target-Setting Process



Regional Targets Advisory Committee Membership

Representatives of:

- Metropolitan planning organizations
- Local transportation agencies
- Air districts
- League of California Cities
- California State Association of Counties
- Members of the public including:
homebuilders; planning, environmental,
environmental justice and affordable housing
organizations; and others

Committee Responsibilities

- Recommend to ARB factors to consider and methodologies to use for setting greenhouse gas emission reduction targets

SB 375 Implementation

- Emission reduction metric
- Potential target-setting approaches
- Implementation challenges



Key Decisions for Building a Metric

Uniform Statewide	or	MPO-specific
Absolute (ton)	or	Relative (%, per unit)
Reductions from Current Year Conditions	or	Reductions from Future Year Conditions

Potential Target-Setting Approach

- Build on existing regional Blueprints, scenarios, and RTP modeling processes
- Factor in empirical data to help models reflect full range of possible strategies
- Evaluate scenarios and empirical data to determine the most ambitious and achievable targets

Implementation Challenges: State/Federal Law

- Balancing new state statute with existing federal planning requirements
 - Latest planning assumptions
 - Air quality conformity
 - Financial constraint

Implementation Challenges: Travel Demand Modeling

- Recognizing a wide range of modeling sophistication across MPOs
 - Sensitivity of regional models to greenhouse gas reduction strategies
 - Availability of off-model methods as interim tools for first round of targets
 - Identification of financial resources and timelines for model upgrades

Implementation Challenges: Interregional Travel

- Factors to consider for travel across regional boundaries
 - Job/housing imbalances
 - Through travel
 - Recreational travel
 - Retail/commercial travel

ARB Target-Setting

- Consider Regional Target Advisory Committee Recommendations
- Review MPO data, scenarios, and suggested targets
- Set ambitious and achievable targets
- Review regional plans to meet targets

Partnerships

- Success of SB 375 ultimately relies on effective partnerships
- Local and regional governments
 - Cities, counties, MPOs, air districts, etc.
- State agencies
 - In California: Caltrans, Housing Department, Office of Planning and Research, etc.

ARB's SB 375 Website

<http://www.arb.ca.gov/cc/sb375/sb375.htm>