

Assembly Bill 32

Turning the Scoping Plan Into Action

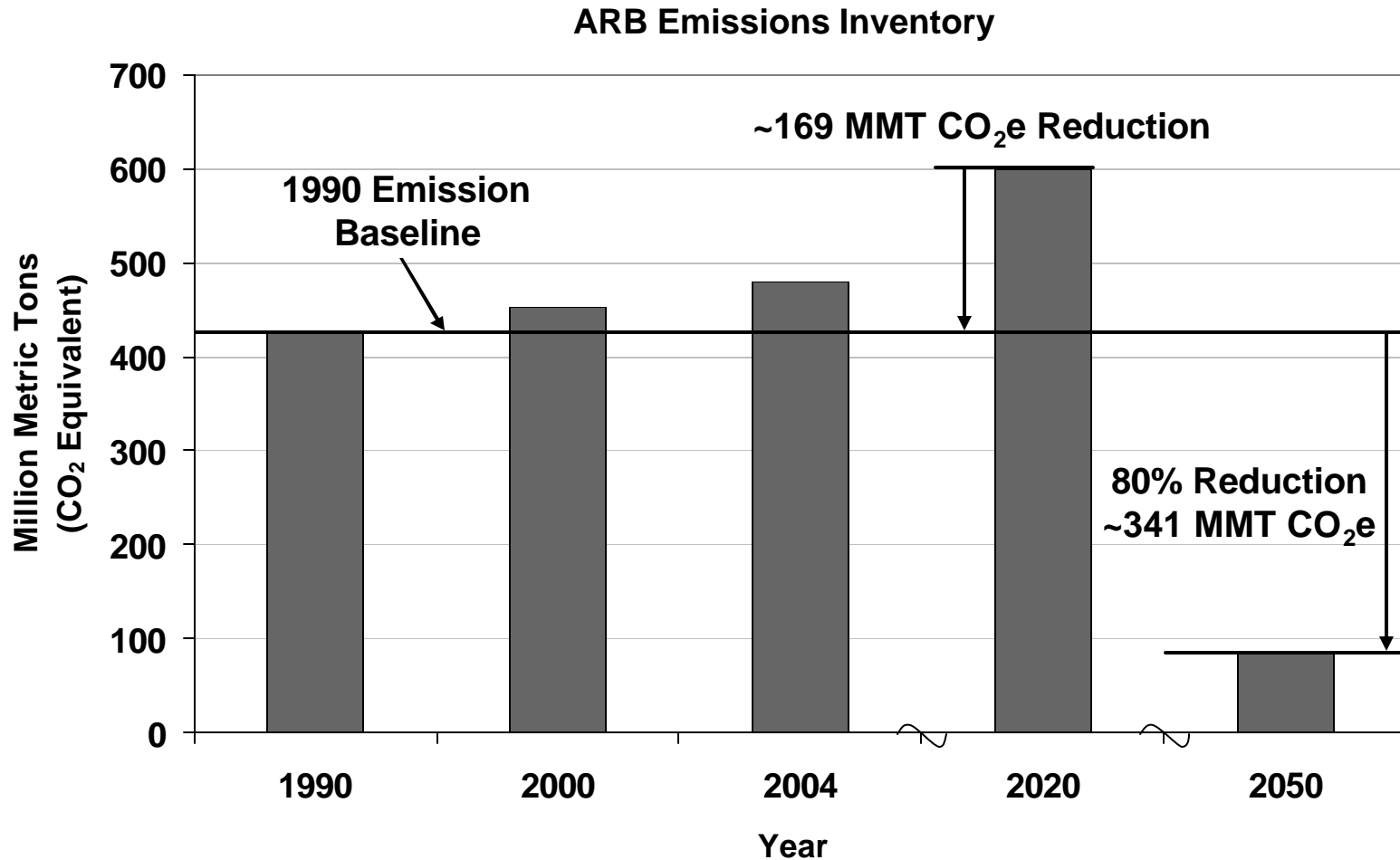
January 27, 2009

Jerry Hart
California Air Resources Board

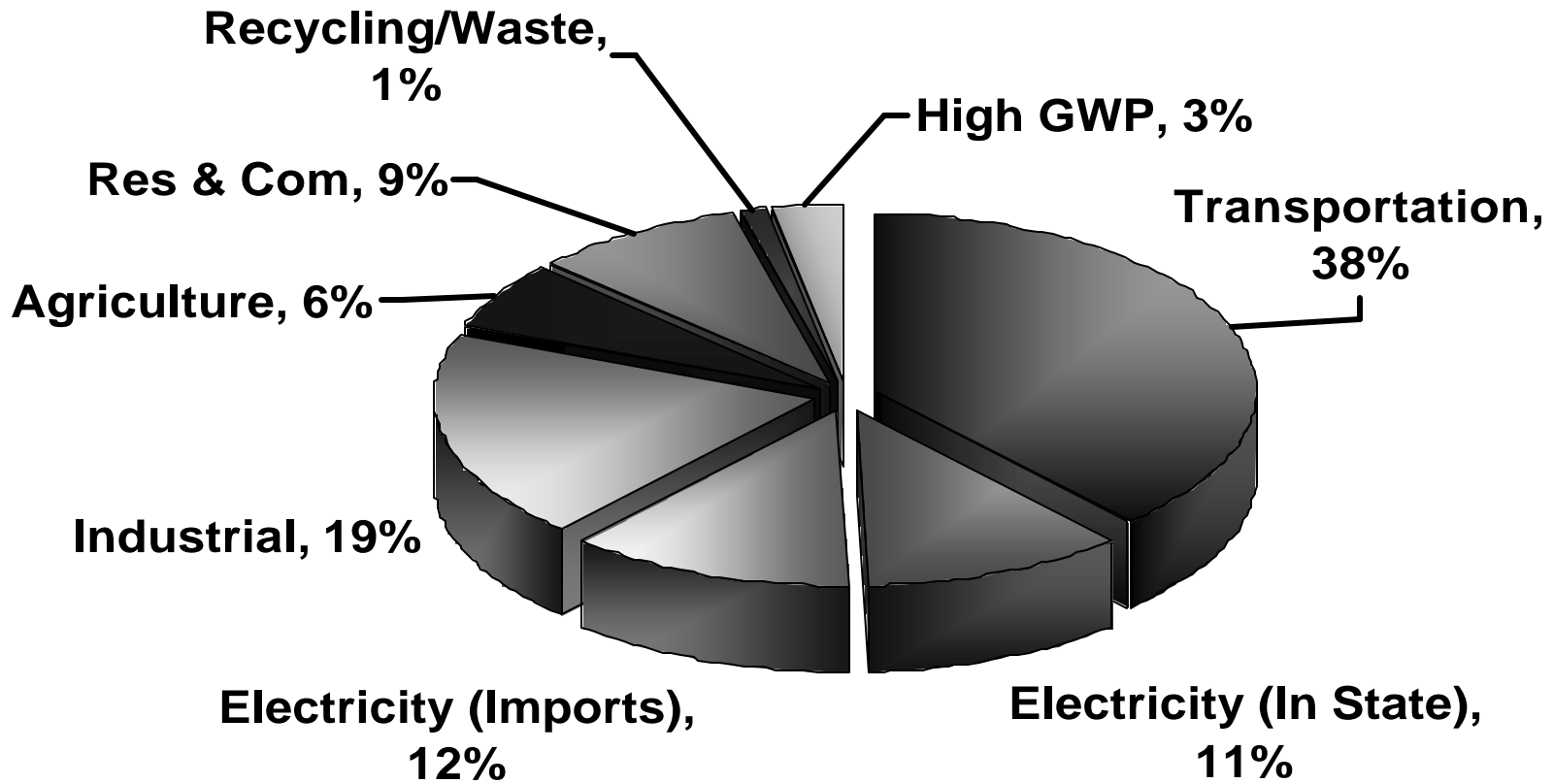
AB 32 and the Scoping Plan

- AB 32 signed September, 2006
- Directed ARB to develop Scoping Plan
- Board Adopted Plan Dec. 11, 2008
- A mix of strategies combining market, regulations, voluntary, efficiency, and fees
- Scoping Plan goals:
 - By 2020 reduce GHGs back to 1990 levels
 - On track to reduce 80% from 1990 level by 2050

Magnitude of the Challenge



2002-2004 GHG Emissions (469 MMTCO₂E)



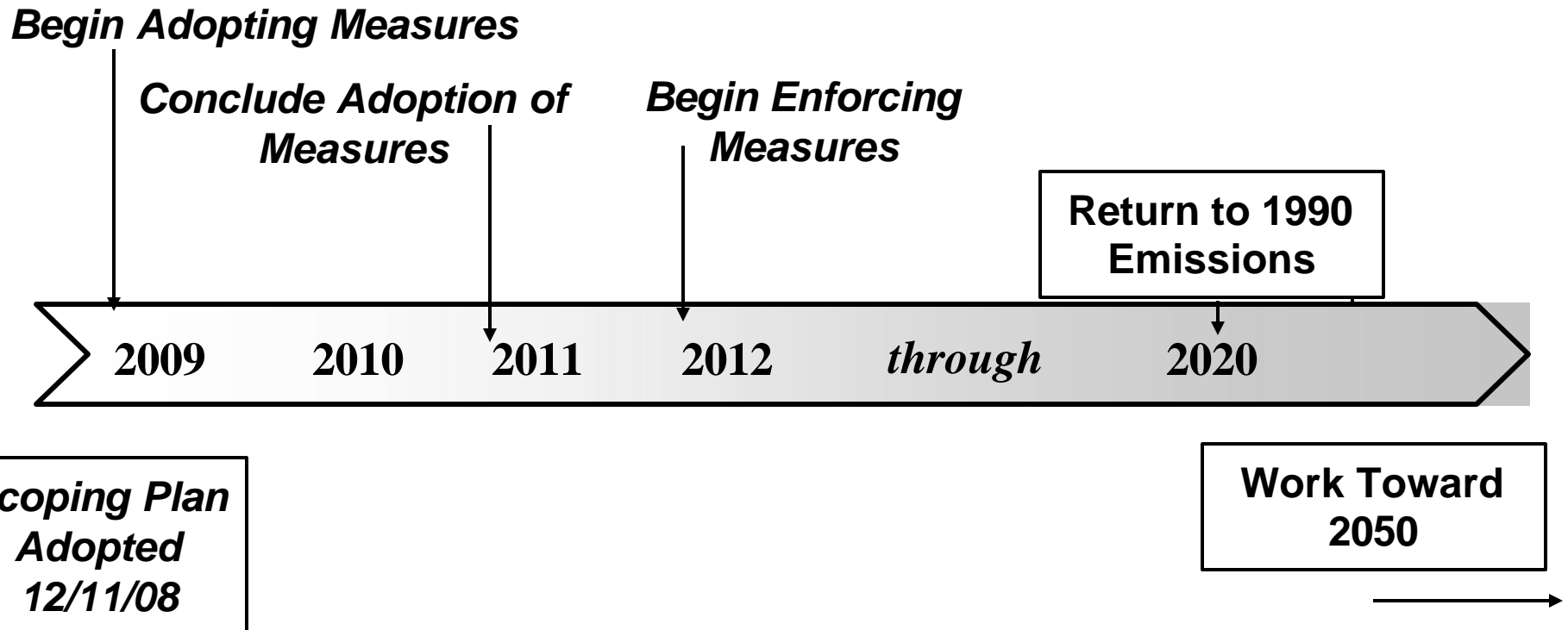
Scoping Plan Elements

- Complementary measures
 - Energy efficiency
 - Vehicle emission standards
 - High global warming potential measures
 - Renewables
 - Land-use planning
- Broad-based cap & trade program
 - Electricity, industry, transportation, natural gas

Scoping Plan Schedule

- Dec. 11, 2009 Board Adopted Plan
- 2009 Begin/Continue Measure Development
- Jan. 1, 2011 Reduction Measures Approved
- Jan. 1, 2012 Reduction Measures Operative
- 2020 hit 1990 GHG reduction goal
- 2020 on - Keep Moving Toward 2050 goal

The Next Chapters



Measures Adopted To Date

- Pavley AB 1493 automobile rule: Sept. 04
- Ship electrification in ports: Dec. 07
- Port and rail yard cargo trucks: Dec. 07
- High GWP in consumer products: June, 08
- Heavy duty truck efficiency: Dec. 08
- Motor vehicle DIY refrigerant cans: Jan. 09
- SB 375 Regional Targets Advisory Committee: Jan. 09

Key Requirements for Plan's Measures

- Use open public process for new regulations
- Minimize costs/maximize benefits
- Protect low-income communities
- Harmonize with smog & air toxics programs
- Minimize leakage and administrative burden
- Other requirements for market-based compliance
 - Consider direct, indirect and cumulative emissions including localized impacts

Major Factors

- Stakeholder/community input
- Interagency coordination
- Small business impacts
- Public health
- Green tech/economic development
- Enforcement
- Tracking progress
- Accountability

Local Government Planning Actions – SB375

- SB 375 planning process through metropolitan planning organizations (MPO)
- Calls for transportation & residential housing planning
- ARB appointed Regional Targets Advisory Committee (RTAC) on January 23, 2009
- RTAC recommends methods for regional GHG reduction targets
- RTAC submits recommendations to ARB by September 30, 2009
- CEQA Relief for metropolitan planning organizations meeting growth & transit targets

Local Government Actions

- Significant Leadership – Statewide GHG Reductions
 - Conduct Baseline GHG Inventory
 - Establish GHG Reduction Targets
 - Developing Climate Action Plans
 - Implement Policies and Measures
 - Monitor and Verify Emission Reductions
 - Community Influence
- ARB Developing LG Toolkit:
 - Cost-Effective Actions for GHG reductions
 - Passing Ordinances, Standards, and Codes
 - Implementing Local Programs

Role of Local Air Districts

- Enforce source-specific industrial sources
- Enforce high GWP rules
- Help with GHG emissions reporting
- Train staff as third party verifiers
- Work with local governments on cutting GHGs
- Educate local citizens on voluntary reduction
- Other public and business education
- More to come.....

Coordination with State Agencies

- Climate Action Team
 - Scoping Plan implementation
 - Adaptation activities
- Continue working with State agencies on cross-agency issues

Coordination with Regional and Federal Agencies

- Western Climate Initiative (WCI)
 - Cap and trade program
 - Complementary measures
- Federal government
 - Activity under Federal Clean Air Act authority
 - Legislation including cap-and-trade program expected
 - Pavley auto rule waiver approval

Advisory Groups

- Economic and Technology Advancement Advisory Committee
- Environmental Justice Advisory Committee
- Public Health Working Group
- Experts to advise on allocations
- Forum for economic modeling

Section 38565

ARB must ensure all GHG reduction rules, regulations, programs, mechanisms and incentives under its jurisdiction:

- Direct public and private investment toward the most disadvantaged communities in CA
- Provide opportunity for small business, schools, affordable housing associations, and other community institutions to participate/benefit from GHG reduction efforts

Green Technology and Workforce Development

- Monitor and promote statewide efforts
- Venture Capital for job growth
- AB 3018 – Green Collar Jobs Council
- Integrated approach – K- 12 curriculum, High Schools, Community colleges, CSU, UC, Unions, Trades, Private, EDD, LWIB, economic development, chambers...

Small Business

- Offset higher energy costs with reduced energy/fuel use – efficiencies/alternatives
- ARB participating with associations, non-profits, chambers, economic development organizations, to help businesses transition to a low carbon future
- Small Business Tool Kit – April 2009
- Kyra Naumoff 916 324-0664
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Public Health

- Currently using available information to analyze regulations under development
- Establishing public health working group
- Initiating public process to:
 - Develop methods to identify communities most impacted by air pollution
 - Assess potential local and cumulative impacts of regulations, including cap & trade program

Participate in the AB 32/Scoping Plan Implementation Process

- Measure workshops and Public Comment periods
- Web Site comments
- OCC Contact list on Web Site
- Community Meetings
- Speakers Bureau
- Advisory Group Meetings
- ARB Board Meetings

For Additional Information:

- ARB Climate Change: *(sign up for list serve)*

www.arb.ca.gov/cc/cc.htm

- California Climate Change Portal:

www.climatechange.ca.gov

- ARB Office of Climate Change:

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