Implementing AB 32 and the Scoping Plan

Public Health Work Group
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Scoping Plan Recommendations

Combination of market mechanisms, other regulations, voluntary measures, and fees
- Cap-and-trade program covers 85 percent of emissions
- Complementary measures:
  - Energy efficiency
  - Renewable energy
  - Regional targets for transportation-related emissions
  - Existing laws and policies (e.g. Pavley, LCFS)
  - Fees: public goods charge on water, fee for AB 32 implementation

Plan’s Major Sectors

- Transportation
- Land Use
- Electricity & Natural Gas
- Industry
- Water, Forests, Agriculture
- Green Buildings
- Waste & Recycling
- High GWP Gases
- State and Local Government

Scoping Plan Is a Team Effort

- State agencies are important partners and lead on some Scoping Plan measures
  - Cal/EPA
  - Energy Commission
  - Public Utilities Commission
  - Waste Board
  - Water Board
  - Department of Water Resources
  - Department of General Services
  - Department of Public Health

ARB Regulations Adopted To Date

- Pavley AB 1493 automobile rule: September 2004
- Ship electrification in ports: December 2007
- Port and rail yard cargo trucks: December 2007
- High GWP in consumer products: June 2008
- Heavy duty truck efficiency: December 2008
- Motor vehicle DIY refrigerant cans: January 2009
- SF₆ for non-electrical use: February 2009
- Semiconductor manufacturing: February 2009
- Tire pressure: March 2009
- Low carbon fuel standard: April 2009

Future ARB Regulations

- Rules scheduled for 2009
  - Landfill methane control (June)
  - Cool cars (June)
  - Refrigerants (Fall)
  - Energy efficiency audits (Fall)
  - SF6 reductions from electricity sector (Winter)
  - High GWP mitigation fee (Winter)
  - Oil and gas extraction (Winter)
- Major rules scheduled for 2010
  - High GWP regulations
  - Pavley II
  - Cap-and-trade regulation
Cap and Trade Rulemaking

- Broad-based California cap-and-trade program to provide a declining fixed limit on emissions
- Link to other Western Climate Initiative Partner programs
- Complements health-based air quality programs and EJ policies
- Consider effects of the program on the California economy and public health

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2009</td>
<td>Regular public meetings on specific issues</td>
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<td>Mid-2010</td>
<td>Preliminary draft regulation released</td>
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<td>November 2010</td>
<td>ARB hearing on cap-and-trade regulation</td>
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<td>January 1, 2012</td>
<td>California/WCI cap-and-trade programs launch</td>
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The Next Chapters

- Adoption of Scoping Plan Measures
  - 2013 through 2020
- Measure Implementation
  - Scoping Plan Adopted 12/08
  - Work Toward 2050
  - Return to 1990 Emissions

More Information

ARB’s Climate Change Website:
http://www.arb.ca.gov/climatechange

California’s Climate Change Website:
http://climatechange.ca.gov/