

# **Local Government Protocol Development**

## **Greenhouse Gas Emission Inventories for Local Government Operations**

**March 11, 2008**

**California Air Resources Board  
Sacramento, CA**

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# Workshop Agenda

- Overview of AB 32 Program Requirements
- Local Government Protocols
- Protocol Development Partners:
  - ARB, CCAR, ICLEI, TCR, APCDs
- Local Government Operations Protocol Development
- Comments
- Next Steps

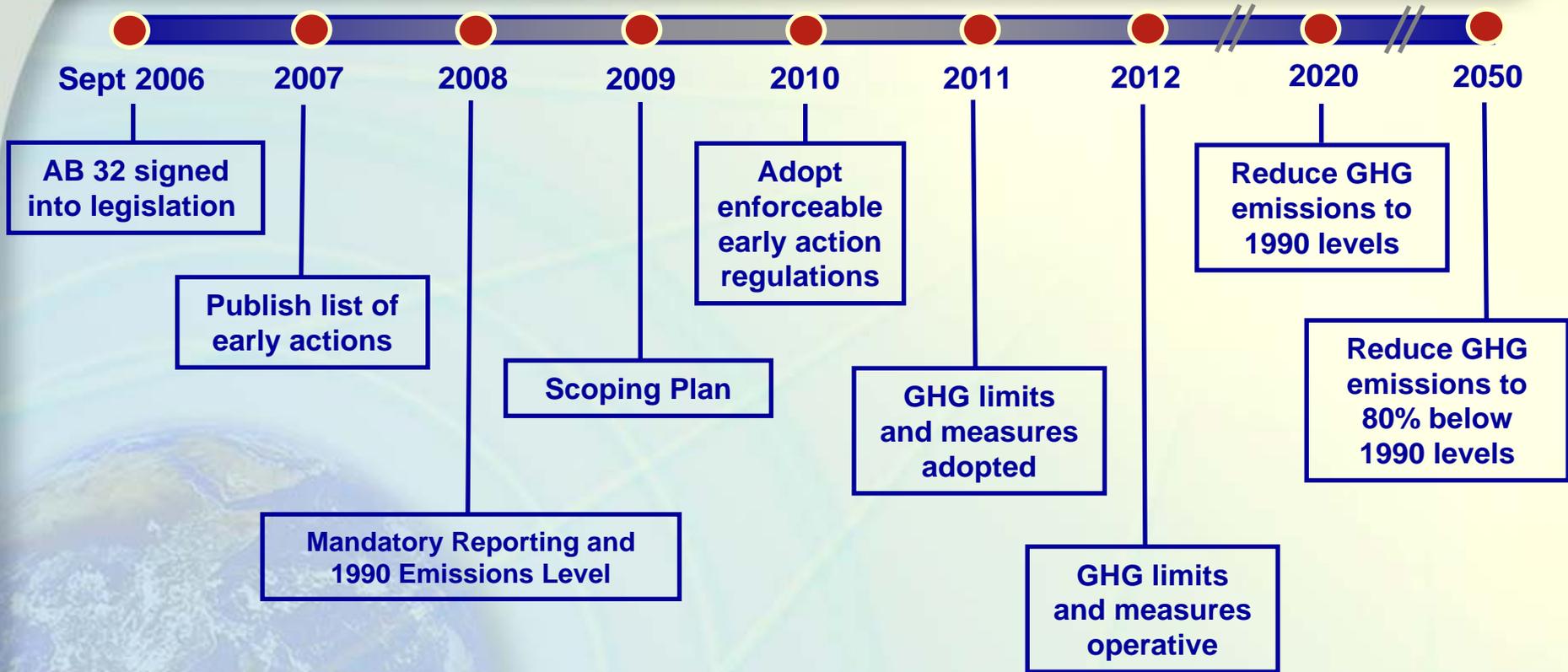
# Overview of AB 32

- Global Warming Solutions Act of 2006
- Signed by Governor in September 2006
- Sets in statute 2020 GHG emissions limit at 1990 level
- Acknowledges that 2020 is not the endpoint
- ARB to monitor/regulate GHG sources
- Air Resources Board lead, but extensive collaboration with other agencies

# AB 32 Program Requirements

- Discrete and Early Action Measures
  - Protocols and Best Practices for Local Governments
- Greenhouse Gas (GHG) Reporting
  - Mandatory Reporting and Verification Regulation
- Statewide GHG Emissions Inventory
  - 1990 Level Identified
  - 2020 Limit Established: 427 MMTCO<sub>2</sub>e
- Scoping Plan – due January 1, 2009
  - Reduce GHG Emissions to 1990 Levels by 2020
- Emissions Reduction Measures
  - Maximum technologically feasible and cost-effective

# AB 32 Timeline



# Local Government Protocols

- Suite of Protocols
- Local Government Operations
- Community-Scale Emissions
- Others
  - Wastewater Treatment Plants
  - Landfills
  - Urban Forestry
  - Green Building

# Local Government Protocols

## *Purpose for Protocol*

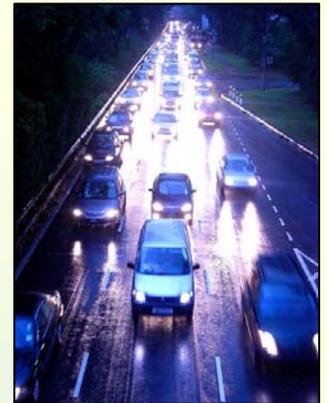
- Statewide GHG Accounting Standard
- Assists local governments in identifying GHG sources
- Reporting method for use in the Climate Change Program
- ARB review and approval in 2008

# Government Operations: Reporting Structure

- Local Governments vary Widely
  - No one-size fits all
- Protocol with Common Elements
  - Consistency and comparability with other jurisdictions
- Additional Elements
  - Added as necessary
  - Unique operations

# Government Operations: Sectors

- Buildings and Facilities
- Electricity or district heating/cooling generation
- Vehicle Fleet
- Street Lighting and Traffic Signals
- Water and Wastewater Treatment, Collection and Distribution
- Waste
- Employee Commute
- Other



# Protocol Development ARB Partners

- CCAR, California Climate Action Registry
- ICLEI, Local Governments for Sustainability
- TCR, The Climate Registry
- Local Air Pollution Control Districts

# Other Local Government Activities

- Local Government Protocols
- Best Practices Framework
- Land Use and Transportation

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**ARB Local Government Protocol Website**

*[www.arb.ca.gov/cc/protocols/localgov/localgov.htm](http://www.arb.ca.gov/cc/protocols/localgov/localgov.htm)*

