



Overview of AB 32 and the Scoping Plan

C-AGG Sacramento Meeting

March 4-5, 2014

AB 32 Requirements

- Achieve 1990 emissions level by 2020.
- Continue greenhouse gas (GHG) reductions beyond 2020.
- Adopt GHG emission reporting regulation.
- Adopt discrete early action measures.
- Develop Scoping Plan and update it every five years.
- Authority to adopt schedule of fees.



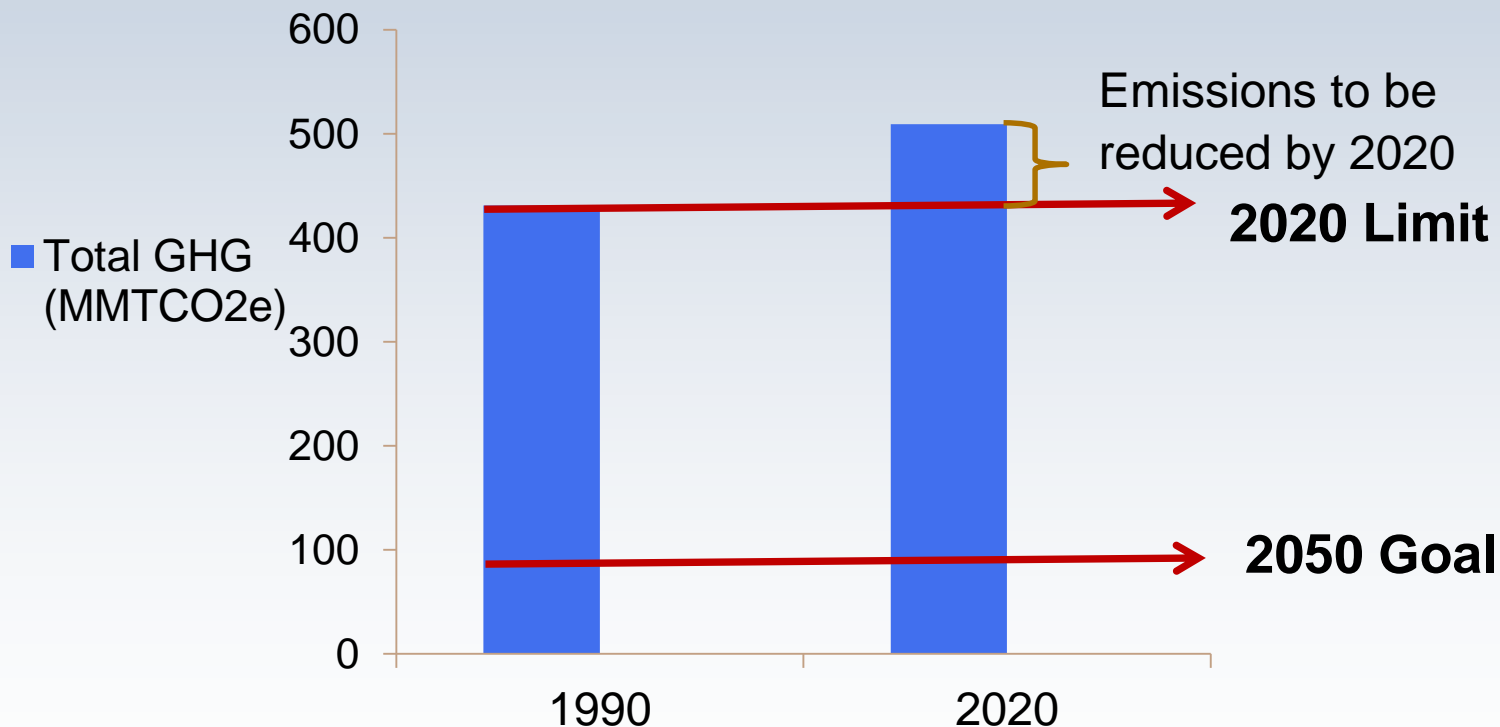
AB 32 Implementation

- On target for meeting the 2020 target.
- Complementary strategies that serve as a national and international model.
 - Direct measures or regulations
 - Incentive programs
 - Market-based mechanisms (e.g., cap-and-trade)
- Strategies reduce GHGs in every sector by improving energy efficiency and providing consumers with cleaner fuel choices.
- Improved air quality and investments in CA clean economy.



GHG Emissions Reduction Targets

- By 2020 reduce GHG emissions to 1990 levels.
- By 2050 reduce GHGs to 80% below 1990 levels*.



Note: MMT = Million Metric Tons

* Executive Order S-3-05

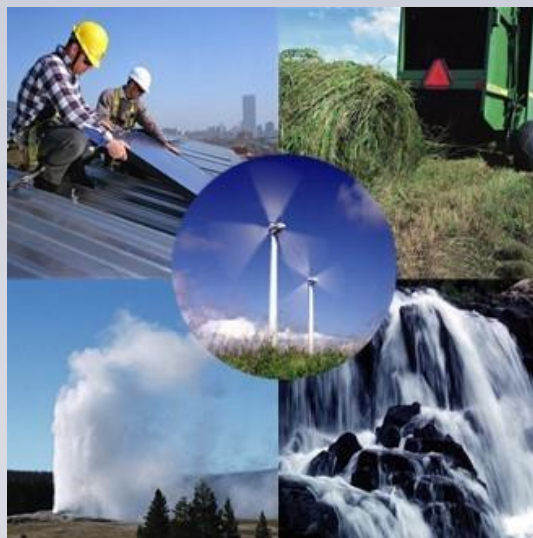
AB 32 Scoping Plan: Update Overview

- Highlighting progress to reaching 2020 limit and continuing momentum to move beyond 2020 through regulations, partnerships, and incentives.
- Latest understanding of climate science.
 - Short-lived climate pollutants, e.g. methane and black carbon
- Part of Administration's overall climate strategy.
 - Environmental Goals and Policy Report
 - Safeguarding California
 - Climate Change Research Plan



Achieving Long-Term Vision

- Long term vision needed with clear actions for addressing climate change.
- Continued progress is key to California's continued environmental, agricultural, and economic leadership.
- Unique opportunity to address air quality, climate, environmental justice, energy, and economic challenges.



AB 32 Scoping Plan: Focus Areas

- Continue GHG reductions in nine key topics areas:
 1. Energy
 2. Transportation
 3. Agriculture
 4. Water
 5. Waste Management
 6. Natural and Working Lands
 7. Short-lived climate pollutants
 8. Green Buildings
 9. Cap-and-Trade
- Recommendations and challenges to meeting the long-term vision from other state agencies.



Recommendations for Agriculture



Convene an interagency workgroup to:

- Establish Agriculture GHG reduction targets for mid-term and 2050.
- Expand existing calculators/tools to develop a California-specific GHG tool.
- Develop strategies to reduce GHGs associated with the energy needed to deliver water to agriculture operations.
- Dairy Digester Workgroup will develop recommendations for a methane capture standard by 2016.
- Conduct research that identifies GHG reduction benefits of efficient farming practices and provide incentives.

Recommendations - Continued

- Evaluate RWQCB's data to determine if fertilizer data is adequate to establish statewide N₂O inventory.
- If data are inadequate then develop a way to collect data.
- Convene inter-agency workgroup to engage local and regional planning agencies to coordinate a land use program to develop recommendations on farmland conservation.
- CDFA will strengthen technical assistance programs and incentives to help agricultural operators develop carbon plans and implement GHG emission reduction practices.
- In 2015, the Bioenergy Interagency Working Group will update actions contained in its Action Plan to promote digester biogas into pipelines and bioenergy/electricity.



AB 32 Scoping Plan: Update Process

- Process developed in consultation with many stakeholders.
 - Climate Action Team
 - State, local, and regional agencies
 - Environmental Justice Advisory Committee
 - Business, environmental, environmental justice, and community based organizations



AB 32 Scoping Plan: Update Process (Cont.)

- Five workshops where held to obtain initial input on the Scoping Plan Update.
- Discussion Draft released October 1, 2013
- Board Hearing October 2013 to hear public input
 - 100+ written comments received
- Proposed Scoping Plan Update
 - Released February 10, 2014
 - Board Hearing February 20, 2014

AB 32 Scoping Plan: Next Steps

Mid-March: Environmental Assessment Released

Spring 2014: ARB Hearing on Final Plan Update



Thank you

Questions or Comments:

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More Information:

ARB Climate Change Programs Website:

<http://www.arb.ca.gov/climatechange>