2030 Target Scoping Plan Update
Coalition on Agricultural Greenhouse Gases
March 9, 2016
Presentation Outline

- California Climate Strategy
- AB 32 Background and Goals
- Process for the 2030 Target Scoping Plan Update
- 2030 Target Scoping Plan Overview
- Economic Analysis
- Public Process to Date
- Next Steps: Tentative Schedule
CALIFORNIA CLIMATE STRATEGY

An Integrated Plan for Addressing Climate Change

VISION

Reducing Greenhouse Gas Emissions to 40% Below 1990 Levels by 2030

GOALS

- 50% reduction in petroleum use in vehicles
- Double energy efficiency savings at existing buildings
- Carbon sequestration in the land base
- Reduce short-lived climate pollutants
- 50% renewable electricity
- Safeguard California
AB 32 Objectives

- Develop a balanced approach to address climate change
- Improve air quality and public health
- Provide a consistent policy approach to drive investment in clean technology
- Provide a model for future national and international climate change efforts
- Achieve 1990 emissions by 2020; maintain and continue reductions past 2020
- Coordinate efforts across government agencies
Prior Scoping Plans

- Established new paradigm for climate mitigation
- First economy-wide climate change plan
- Pioneered the concept of a market-based greenhouse gas reduction program supplemented with complementary measures
- Sector-by-sector approach
- Public outreach and education
- Must be updated at least every 5 years
Executive Order B-30-15

- Reduce greenhouse gas emissions to 40% below 1990 levels by 2030 to ensure California meets its target of reducing greenhouse gas emissions to 80% below 1990 levels by 2050
- Update the AB 32 Scoping Plan to incorporate the 2030 greenhouse gas target
- Update the State’s climate adaptation strategy and factor climate change into planning and investment decisions
2030 Target Scoping Plan Development

- Collaborate with State Agencies
- Engagement with Legislature
- Coordination with other plans (i.e. 111(d), Cap & Trade, SIP, Freight Strategy, etc.)
- Environmental Justice Advisory Committee Engagement
- Environmental Analysis (CEQA)
- Public Process: Workshops
- Economic Analysis with Peer Reviewers
- Draft Report / Final Report (targeted measures and estimated emission reductions)
Guiding Principles

- Reduce Greenhouse Gas Emissions to 40% Below 1990 Levels by 2030 (Executive Order B-30-15)
- Create jobs and support a robust workforce
- Save water
- Support Disadvantaged Communities
- Make California more resilient
- Transform to a clean energy economy
- Give consumers clean energy choices
Elements of 2030 Strategy

- **Focus areas**
  - Energy
  - Energy Efficiency
  - Transportation
  - Industry
  - Water
  - **Natural and Working Lands/Agriculture**
  - Waste management

- **Maximize synergies among sectors**
Goal Setting: Natural and Working Lands

- Long-term Goals and Vision
  - Set goals/vision at statewide or landscape level
  - May not currently have the tools to measure progress; part of a longer-timeframe effort to achieve success
  - Goals to continue to be implemented as part of future Scoping Plan efforts

- Short-term Targets to Inform 2030 Scoping Plan
  - Set targets to ensure sector is directionally on path to achieving long-term goals/vision, even in light of known data gaps
  - Must be able to measure progress towards meeting Scoping Plan targets
Goals of the Economic Analysis

- Evaluate the economic impact of options for achieving the 2030 GHG target
  - Estimate the economic impact of various technology pathways and carbon pricing
  - Assess the economic impact of options for achieving the 2030 GHG emission target on the California economy, California businesses, and individuals
- Inform measure development
Public Process to Date

- Governor’s Climate Change Strategy Pillar Workshops
  - July/August 2015
- 2030 Target Scoping Plan Update Kickoff Workshop
  - October 1, 2015
- First EJAC Public Meeting
  - December 7, 2015
- Electricity/111(d) Public Workshop
  - December 14, 2015
- GHG Modelling/Economic Analysis Public Workshop
  - January 15, 2016
- Continued opportunity for robust public process
Next Steps: Tentative Schedule

- Technical and Economic Workshops – Early/Mid 2016
  - Economic/environmental analyses
- Sector-specific Public Workshops – Spring 2016
- Discussion Draft Scoping Plan – Spring 2016
- Draft 2030 Target Scoping Plan – Summer 2016
- Regional workshops - 2016
  - Bay Area, Los Angeles, Central Valley
- Final 2030 Target Scoping Plan presented to Board – Fall 2016
# Questions and Contact Information

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