

The background of the slide is a dramatic landscape. It features a dark, stormy sky with heavy, dark clouds. A bright light source, possibly the sun or moon, is visible on the horizon, creating a strong lens flare and illuminating the scene. The foreground is a dark blue sea with visible ripples. The overall color palette is dominated by dark blues, greys, and a bright white/yellow light source.

Climate Action Team Public Meetings

January 23rd and 24th, 2006

Overview of Meeting

- ❑ Background and Context
- ❑ Economics Presentations
- ❑ Public Comment/Dialogue
- ❑ Closing Remarks and Next Steps

Executive Order Established Statewide GHG Targets

By 2010, Reduce to 2000 Emission Levels*

By 2020, Reduce to 1990 Emission Levels**

By 2050, Reduce to 80% Below 1990 Levels

* Equals 59 Million Tons Emission Reductions, 11% Below BAU

** Equals 145 Million Tons Emission Reductions, 25% Below BAU



Climate Action Team

- CalEPA Secretary Chairs the Team
- BT&H, CDFA, Resources, PUC, ARB, CIWMB, and CEC are Represented
- The CAT will:
 - Report to Governor and Legislature in January and Biennially
 - Evaluate Strategies, including cap and trade, to Meet Targets
 - Report on Scenario Analysis

Climate Action Team Report

Action Oriented

- Emission Reduction Strategies
- Cap and Trade
- Scenario Analysis
- Environmental Justice Considerations

Economic Analysis Released

Cornerstone Strategies Underway

❑ Motor Vehicle Regulations

- Transportation is the Largest Source of Emissions in the State
- Reduce Emissions by 30 Percent by 2016

❑ Efficiency Measures

- Despite Growing Energy Demands, Cal Per Capita Energy Use Has Remained Flat For 30 Years

❑ Renewable Portfolio Standard

- Gov Schwarzenegger Accelerated RPS To 20% By 2010 And Is Committed To 33% By 2020

CAT Recommended Strategies

- The CAT Recommends a Broad Range of Strategies including:
 - HFC Reductions
 - Forest Management
 - Water Use Efficiency
 - Appliance and Building Efficiency, Including LSEs and Municipal Utilities
 - Smart Land Use
 - Conservation Tillage

Based on Best Available
Information to Date,
Implementation of These
Strategies will Achieve the
Governor's Targets

Cap and Trade

- ❑ Cap And Trade Can Be Integral To California's Strategy For Reducing Emissions
- ❑ A National Approach To Capping Emissions Within An International Framework Would Be Most Effective
- ❑ In The Absence Of National Action, California Can Lead By Example By Developing A Cap And Trade Program As A Model For National Action

Next Steps on Cap and Trade

- Analyze Program Impacts:
 - Emissions
 - Economy, Jobs, Competitiveness, Local Governments
 - Environmental Justice
- Compare To Alternative Policies
- Initiate Facility-level Emission Reporting

Key Findings of Scenario Analysis

- ❑ Climate Change Will Affect Every Sector Of The Economy
- ❑ Climate Change Will Have Compounding Impacts - For Instance, Sea Level Rise Will Exacerbate Existing Problems With The SF Bay Delta Levee System
- ❑ Extreme Events Will Increase: Heat Waves, Wildfires, Flooding, And Conditions Conducive To Air Pollution Formation
- ❑ Even Under The Lower Emission Scenarios Some Impacts Are Inevitable
- ❑ Lower Climate Change Emissions Decreases The Probability Of More Dramatic Climatic Changes
- ❑ Continuing Interdisciplinary Research Is Needed To Better Understand The Vulnerability Of California's Health, Economy, And Environment

Overarching Recommendations

- ❑ Mandatory Emission Reporting
- ❑ Transportation Public Goods Charge
- ❑ Coordinated Investment Strategy
- ❑ Early Action Credit to California Businesses