



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

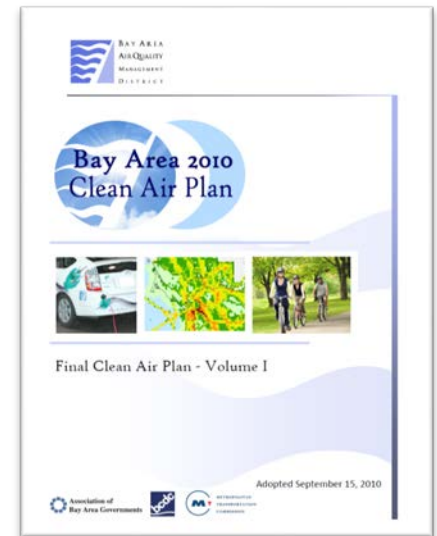
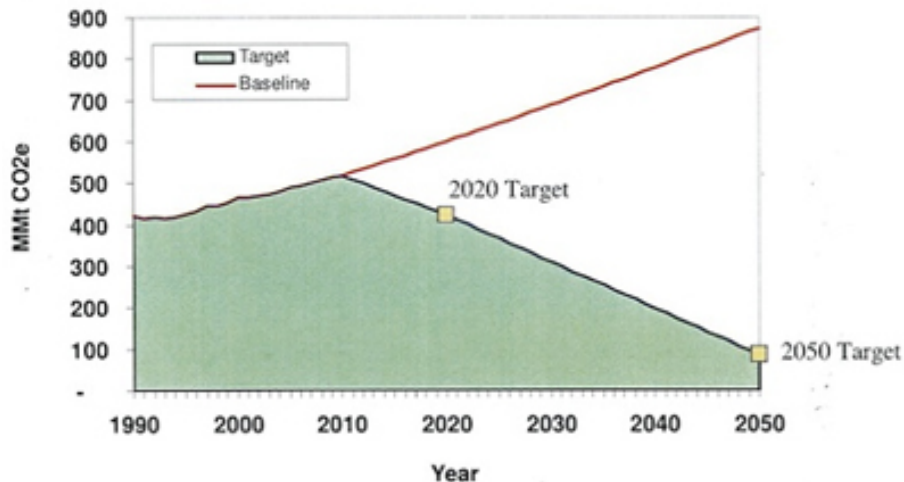
Regional and Local Climate Action Planning

RICAPs Webcast
June 1, 2015

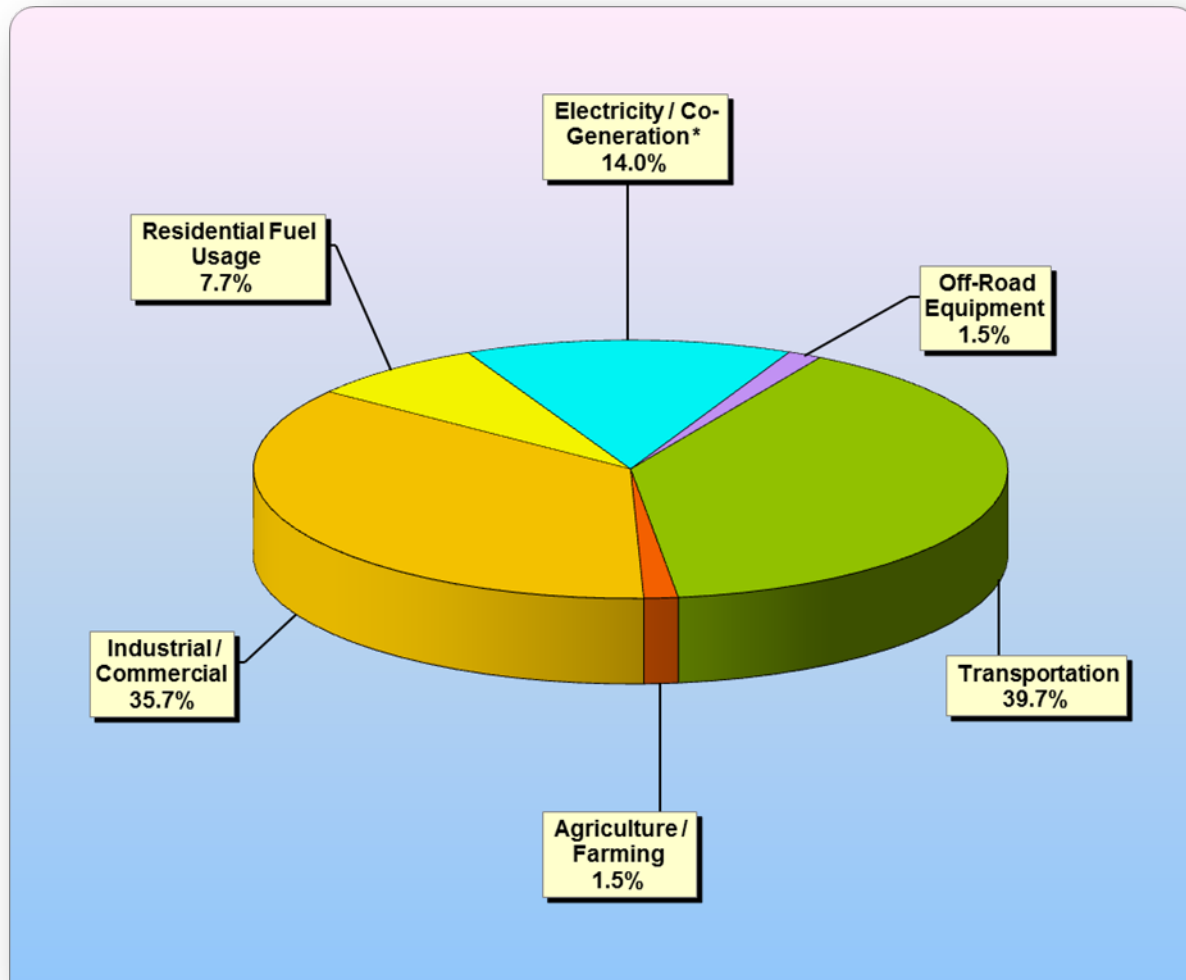
Abby Young
Climate Protection Manager

Regional Climate Protection Strategy Overview

- Called for in Climate Protection Resolution:
“Initiate a regional climate protection planning process”
- Major part of the 2015 Clean Air Plan
- Integrates 10-Point Work Program
- Support progress toward 2050 goal



Regional GHG Inventory





Regional Climate Protection Strategy Contents

- Bay Area GHG inventory & forecast, including consumption-based inventory
- Discussion of climate change impacts to the Bay Area (focus on air quality and public health)
- Economic sector GHG “gap” analyses
- GHG emission reduction implementation actions
- GHG emission reduction “scenarios”

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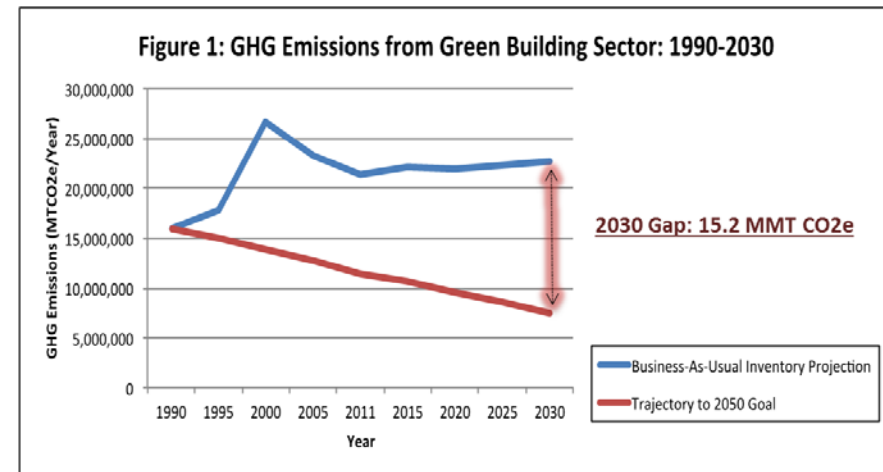
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Economic Sector Gap Analysis

- Understand trends in ARB Scoping Plan sectors
- Identify key federal, state regional and local policies impacting Bay Area GHGs
- Understand the role of local climate action plans in reducing GHGs
- Identify opportunities for Air District action
- Inform the 2015 Clean Air Plan emission reduction strategy



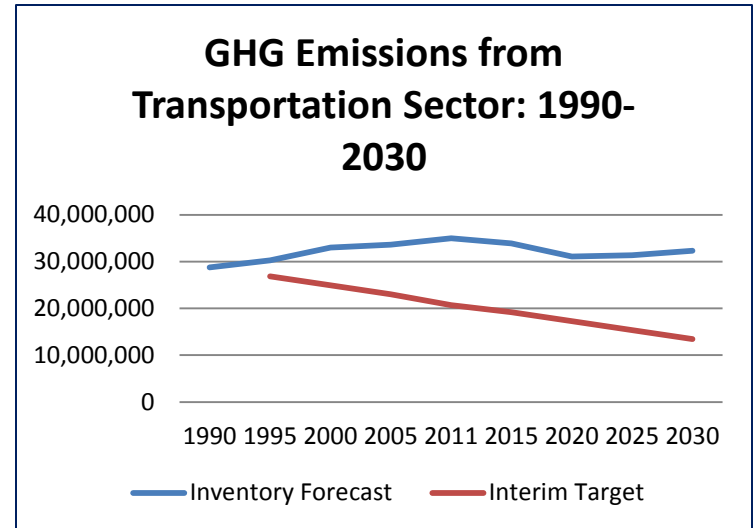
The Sectors

- Energy
- Transportation
- Agriculture
- Water
- Waste
- Natural & Working Lands
- Short-lived Climate Pollutants
- Green Buildings
- Permitted Sources



Sample Gap Analysis

- 2011 Baseline inventory = [#]
- 2030 BAU projection = [#]
- BAU gap = [#]
- Key Policies:
 - Federal: no major policies
 - State: Pavley, Low Carbon Fuel Standard, Advanced Clean Car Standards
 - Regional: Plan Bay Area, Regional EV network
 - Local: climate action plans (in progress)



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Next Steps for the RCPS

- Complete gap analysis
- Finalize 2011 inventory and projections
- Begin consumption-based inventory
- Continue assessing potential emission reduction measures
- Conduct public workshops



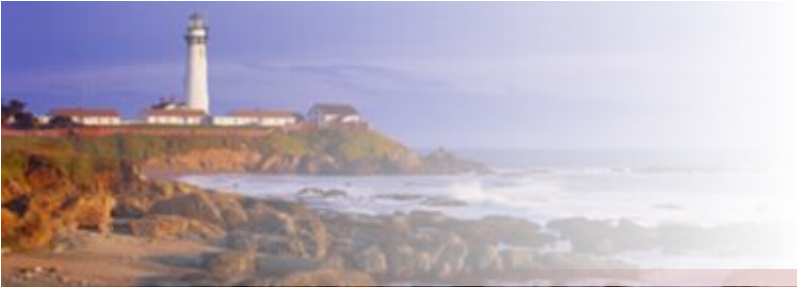
Past/Current Local Climate Planning

- AB 32 target: 15% by 2020
- Quantitative demonstration of how target will be reached
- Distinguish between state and local GHG reductions
- Benefit of early action Scoping Plan
- CEQA tiering based on strength of entire plan



Current/Future Local Climate Planning

- Target: 2020? 2030? 2050?
- How quantitative can we be beyond 2020?
- State actions are more speculative while targets get tighter
- All low-hanging fruit is gone
- How much do local governments control beyond current CAPs?
- Upon what do we base CEQA tiering?



Local CAPs and CEQA

- Governor's new target: 40% below 1990 by 2030
- Association of Environmental Professionals paper:
 - Use AB32 target (2020) and Scoping Plan
 - Shift to 2030 once Legislature codifies target
 - Ensure substantial progress toward 2050 goal
- Should local CAPs include a best practice approach to new development?
 - Require zero-net GHG buildings?^{41.2}
 - Require zero-net waste?^{7.4}

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