



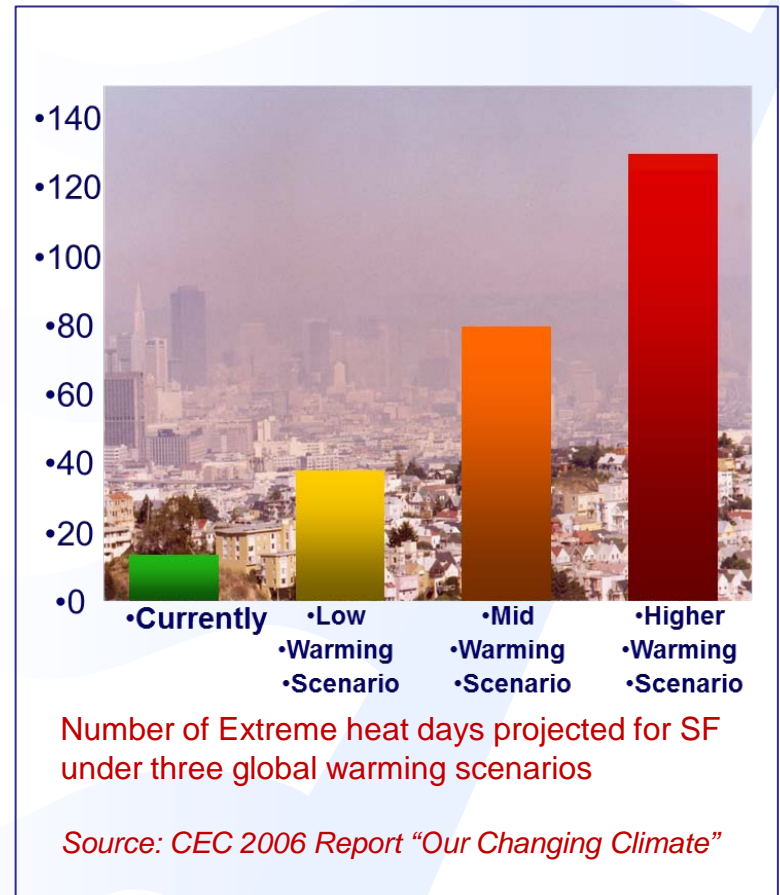
BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Climate Change Policy Strategies Air & Waste Management Conference

Jean Roggenkamp
Deputy Air Pollution Control Officer
November 16, 2011

BAAQMD Climate Program

- Board established Climate Protection Program in 2005
- Climate Change/Increasing temperatures impact air quality
- Integration of climate protection into all programs -grants, CEQA, regulations, plans, inventory development, and outreach
- Multiple air quality benefits from Climate Change Program





2010 Clean Air Plan

- **Multi-Pollutant:** First multi-pollutant plan
 - Addresses ozone, PM, toxics, GHGs
 - Identifies and mitigates trade-offs
- **Climate Protection:** key goal of plan
- **Innovative:** Integrates GHG reduction into traditional control measures
- **Cost/Benefit:** Includes GHGs in dollar costs/benefits
- **New Measures:** Energy & Climate Measures to reduce GHGs & offset higher temperatures



Local Government Assistance

- **Climate Action Plans:** Assist with GHG emissions inventories, reduction measures
- **Web Portal:** Features climate action best practices, case studies, news and events
- **CEQA:** Assist with GHG quantification of local plans per CEQA Guidelines
- **Funding:** Fund Climate Action Plans, local climate initiatives, infrastructure funding, i.e. EVs





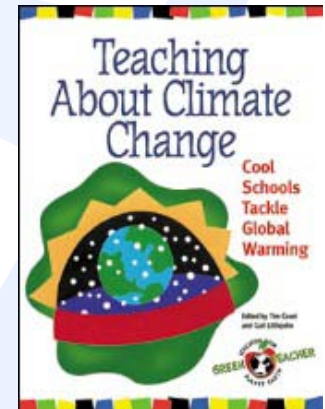
GHG CEQA Guidelines

- CEQA Guidelines updated in June 2010
- Include significance thresholds, analytical methodologies and mitigation measures for preparing air quality analyses under CEQA.
- Included GHG thresholds for first time
- District provides local governments with analytical tools and technical assistance
- Threshold based on AB32 & Scoping Plan
- District encourages local climate action plans to meet GHG threshold



Climate Protection Grants

- In 2007, District awarded \$3 million in Climate Protection Grants
- Funded 52 projects in 9 counties, incl. cities, counties and non-profits
 - Climate Action Plans
 - Cool Schools
 - Green Buildings
 - General Plan Policies
- ConocoPhillips settlement allowed District to award \$4 million to public agencies for energy efficiency upgrades and renewable energy





Electric Vehicles

- **2010 Clean Air Plan:** Control Measure calls for zero emission vehicles and plug-in hybrids
 - 1,000 ZEVs; 5,000 PHEVs and 500 new EV charging stations by 2012
 - 10,000 ZEVs and 100,000 PHEVs by 2020
- **EV Funding:** Over past two years, more than \$6 M allocated to deploy EV and infrastructure, i.e. chargers
- **Regional Planning:** Share information about EV capacity; gather input to define regional priorities; develop comprehensive Bay Area EV Readiness Plan



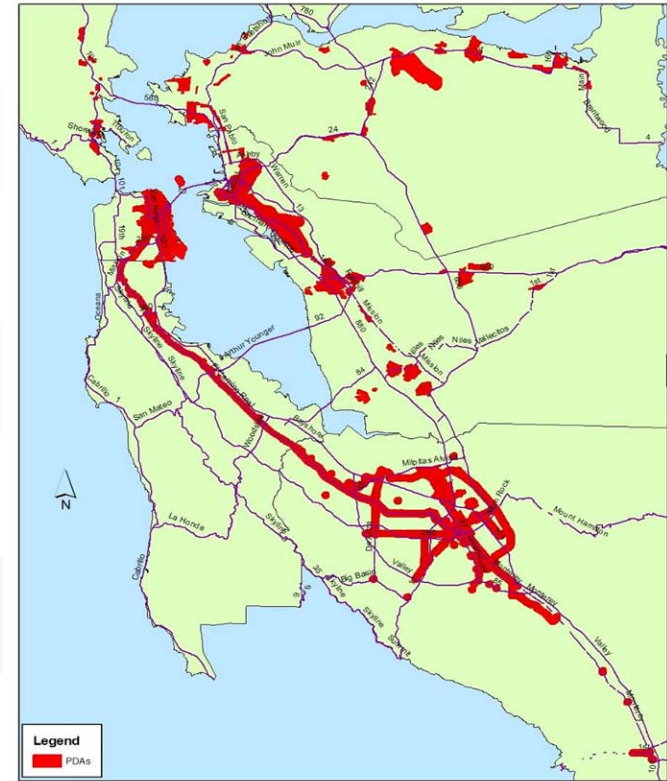
Outreach & Education

- **Regional Climate Summits:** 2006 – A Call to Action; 2009 – Local Government Leadership
- **Spare the Air Everyday:** Asks residents to walk, bike, take transit and other positive air quality actions EVERY day
- **Curriculum:** Protect Your Climate Curriculum –targeted to 4th and 5th graders



Sustainable Communities Strategy

- SB 375: Mandates GHG reductions from cars and light trucks through land use changes and supportive transportation investments
- Working with MTC and ABAG on regional plan to **reduce GHG 7% per capita by 2020 and 15% per capita by 2035**
- Strategy is to direct housing and job growth to infill areas, i.e. “priority development areas”



State Collaboration: Landfills & Refrigerants

- **Landfills:** BAAQMD first to enter into MOU w/ CARB to implement and enforce State Regulation
- **Distinct Rule:** District developed Rule 8-34 to address low emitting landfills
- **Refrigerants:** CARB/District working together to address air conditioning systems, food processing and distribution, industrial uses, food processing and cold storage facilities
- **GHG Reductions:** 7.3 MM tons/year





Challenges & Opportunities

“Focus on the challenges that spark opportunity.”

- **Statewide:** Continue to collaborate with CARB on innovative approaches to climate change and in implementation of state regulations
- **Regionally:** Work with regional agencies to reduce driving; broaden public awareness and support
- **Locally:** Assist local governments to achieve healthy infill; build their capacity with grants and technical assistance

