

South Coast Air Quality Management District's Climate Change Programs

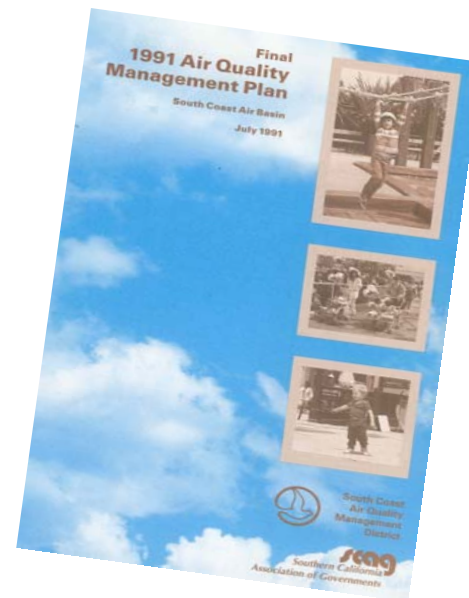
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South Coast AQMD

SCE AB 32 Workshop
Dec. 11, 2008



History of SCAQMD Actions

- 1990 Policy on Global Warming and Stratospheric Ozone Depletion
- 1991-1994: Impact assessments and rulemakings (ODCs, etc.)
- CEQA review



Climate Change and Air District Programs

- Climate change will impact almost every aspect of what local air districts do
- Most, but not all, GHG reduction strategies reduce criteria and/or toxic air pollutants
- Need to be smart about integration with existing district programs
 - avoid conflicts, duplication

SCAQMD

Climate Change Activities

- Board Climate Change Committee
- SCAQMD Climate Change Policy
- CEQA Thresholds – interim threshold to fill void
- SoCal Climate Solutions Exchange
- GHG Reduction Programs
- Local Government Assistance
- Modified Annual Emissions Reporting (AER)

Climate Change Committee

- Established November 2007
- 5 meetings in 2008
- Review SCAQMD climate change programs



SCAQMD's Climate Change Policy Summary

- Reduce criteria, toxic, and GHG pollutants
 - Maximize synergies
 - If conflicts arise, public health prevails
- Assist business, local governments, public
 - Permitting/enforcement integration to avoid duplication or conflicts
 - Technical assistance and outreach
- Reduce AQMD's carbon footprint

Key Actions of AQMD Climate Change Policy

1. Participate in State/Federal climate change programs
2. Share SCAQMD command-and-control and market-based rule expertise
3. Support legislation
4. Prioritization of co-benefits
5. CEQA GHG



Key Actions - cont

6. Guidance documents
7. Inventory assistance
8. Reducing SCAQMD climate change impacts
9. Education
10. Conferences



CEQA GHG Significance Threshold

- SCAQMD supports adoption of state threshold
- Currently no statewide significance thresholds
- Void resulting in uncertainty & vulnerability
- Board approved interim threshold

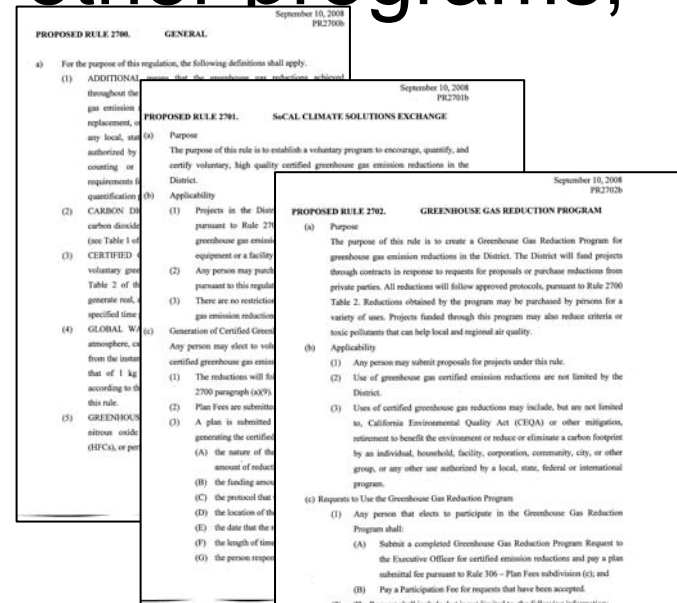
SoCal Climate Solutions Exchange

- One of Chairman's 2 initiatives for 2008
- Clear need for high quality GHG reductions
- Local investment, jobs, reductions & co-benefits



SoCal Climate Solutions Exchange

- Voluntary program
- Generate per CARB approved protocols
- SCAQMD staff verifies & tracks reductions
- Potential use for CEQA or other programs, as authorized
- Consistent with AB 32



Protocols under Development for CARB Consideration

Lawnmowers
Leaf blowers
Boilers

Truck stop electrification
High GWP refrigerants
Others?

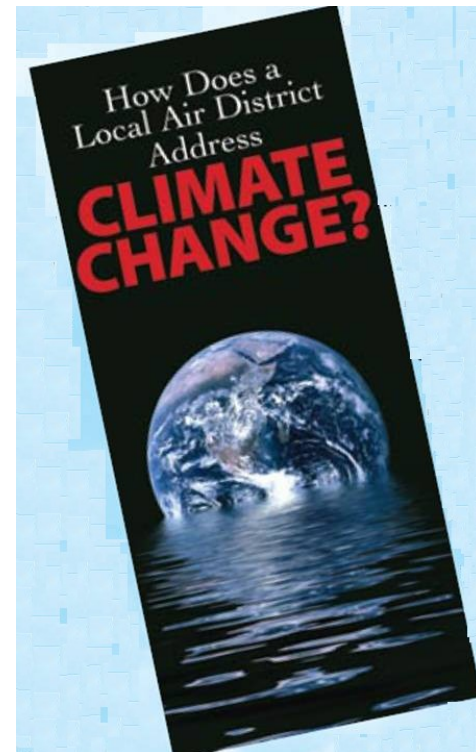


GHG Reduction Program Fund

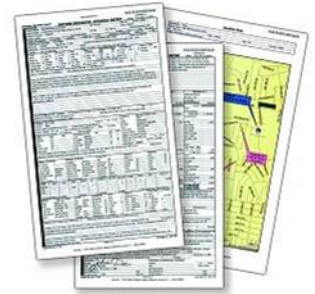
- Pool funds to invest in GHG reduction projects in District
- Priority for Environmental Justice areas
 - Co-benefits needed
- Periodic program review
 - Public information on web
 - Annual report
 - Program audits

Local Government Assistance

- Inventory (e.g., County of San Bernardino)
- CEQA and Land Use Guidance
- Conferences
- Outreach & Brochures



GHG Reporting



- Sources required to report to CARB have been reporting through AQMD's AER for decades
- $\approx 80\%$ redundancy in data needed for combustion sources
- Voluntary web-based tool in place and in use for SCAQMD facilities
- CARB approval of SCAQMD system anticipated by early next year

Concluding Remarks

- Implementation of Climate Change Policy
- Implementation of SoCal Climate Solutions Exchange
- Development of additional GHG reduction protocols
- Outreach and education