

South Coast Air Quality Management District

Emissions Reductions for New or Redevelopment Projects

**Draft 2007 AQMP
EGM-01 Working Group Meeting**

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Issues Identified

- Emission Reduction Estimates
- Scope & Approach
 - Redundancy
 - Administrative Burden

Scope

- Land Use
- On-site Sources
 - Construction
 - Operational
 - Stationary/Area Sources
 - Mobile
- Transportation/Congestion

Land Use

- Existing Programs
 - Zoning Requirements
 - Local Permitting Requirements
 - Guidance Document for Addressing A.Q. Issues In General Plans and Local Planning

Land Use (continued)

- Existing Programs (Cont.)
 - A.Q. Issues and School Site Selection Guidance Document
 - SCAG Regional Comprehensive Plan
 - CARB Air Quality and Land Use Handbook

Land Use (continued)

- Potential Mitigation Options (examples)
 - Buffer Zone
 - Possible Disclosure *(for heavy road ways)*
 - Implementation of SCAG 2% Compass
 - Others

On-Site Construction Emissions

- Existing Programs
 - CARB Engine Regulations
 - AQMD Dust Rules
- Potential Mitigation Options (examples)
 - Project Average Emission Rates Beyond CARB Rules (i.e., Proposed Diesel Off-Road Equipment Measure)
 - Project Size
 - Project Location
 - Others

On-Site Stationary/Area Sources

- Existing Programs
 - AQMD Rules
 - CEC Efficiency Standards
 - Voluntary LEED Program

On-Site Stationary/Area Sources (continued)

- Potential Mitigation Options (Examples)
 - Super Compliant Architectural Coatings
 - Solar Roofing on Industrial/Commercial
 - Light Colored Paving/Roofing
 - Tankless Water Heaters
 - Solar Water Heaters
 - Improved Insulation
 - Exceed Title 24 Standards
 - Others

On-Site Mobile Sources

- Existing Programs
 - EPA/State Standards
 - AQMD Rule 2202
- Potential (Examples)
 - Industrial
 - Super-compliant Mobile Equipment
 - Clean Diesel Fleets

On-Site Mobile Sources (continued)

- Potential (Examples) (continued)
 - Commercial
 - Shuttle Service
 - Clean Fleets
 - Residential
 - Plug-In Electrical Outlet (for EV's and Plug-In Hybrids)
 - Others

Transportation/Congestion

- Existing Programs
 - Riverside TUMF
 - L.A. Co. Proposed Congestion Mitigation Fee
 - SANBAG Development Mitigation Program
 - WRCOG Good Neighbor Guidelines for Siting New and/or Modified Warehouse Distribution Facilities

Transportation/Congestion (continued)

- Existing Programs (continued)
 - County Congestion Management Programs
 - SCAG's Regional Transportation Program
- Potential Mitigation Options
 - Parking Management
 - Rideshare Program
 - Traffic Synchronization
 - Others

Implementation Mechanism Options

- Incentives/Voluntary Actions
- AQMD Rule Development
 - % Reduction Target
 - Mandatory Mitigation Measures
 - Menu of Options
 - Local Government Delegation
- CEQA Process