

# AQMD's Incentive Programs



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# AQMD's Incentive Programs

- Carl Moyer Program
- Proposition 1B – Goods Movement Program
- Lower-Emission School Bus Program

# “Year 17” Carl Moyer Program & SOON Provision

- New solicitations: - to open on February 6, 2015  
- to close on June 3, 2015
- About \$28M is available in state and local match funds:
  - \$23M set aside for Carl Moyer Program
  - \$5M set aside for SOON Provision
- Voucher Incentive Program is open on a first-come-first-served basis

# Eligible Equipment in the Carl Moyer Program

- Marine Vessel Engines
- Locomotives (LNG and Hybrid)
- Construction Equipment
- Heavy-Duty Trucks (new & retrofits)
- Forklifts
- Auxiliary Engines
- Truck Stop Electrification
- Transit Buses
- School Buses



# Proposition 1B-Goods Movement Program

- Approximately \$90 million under “Year 4” is currently being implemented for truck replacement projects
- \$240 million to become available statewide through bond sales by mid-year
- 55% of the funds to be allocated to SCAQMD
- Truck replacements, locomotives, and marine vessels may be possible project categories

# Lower-Emission School Bus Program

- New solicitation: - to open on February 6, 2015  
- to close on June 5, 2015
- Pre-1994 diesel school buses owned by public school districts will be replaced with new alternative fuel school buses
- 1994 and newer school buses are retrofitted with Level 3 particulate traps

# Incentive Programs Impact

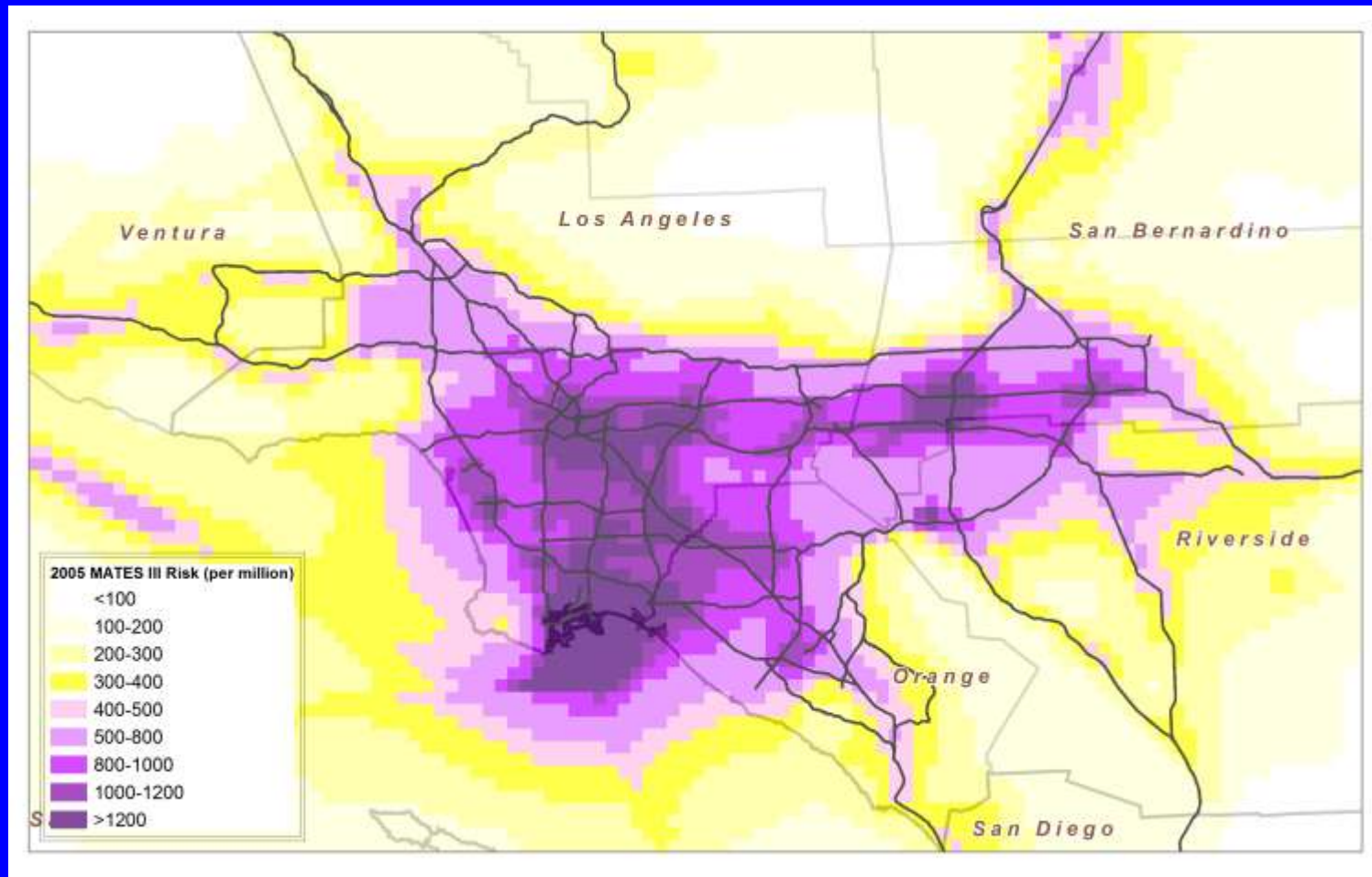
- What has been the incentive programs impact from:
  - MATES III: 2004-2006
  - to
  - MATES IV: 2012-2013
- Reducing:
  - Cancer risk by 50%
  - Reducing PM diesel exposure by 70%

# Incentive Programs Impact

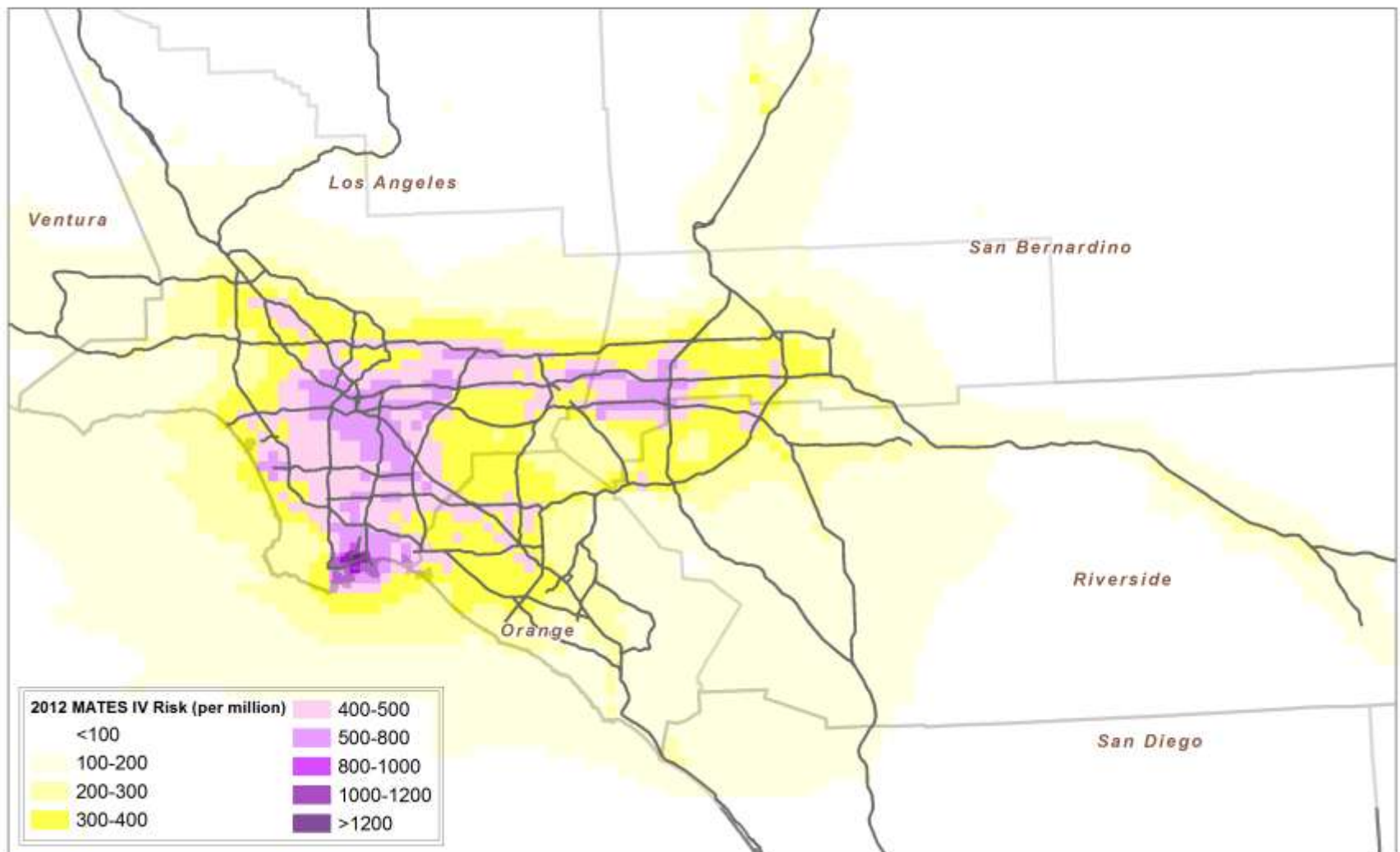
- The \$800M impact?
- Between the two MATES studies:
  - Carl Moyer Program: \$250M
  - Proposition 1B Program: \$387M
  - School Bus Program: \$137M
  - \$800M



# MATES III Modeled Air Toxics Risk



# MATES IV Modeled Air Toxics Risk



# Emissions Reductions

- Carl Moyer Program:
  - NOx: 5,006 tons/yr
  - PM: 178 tons/yr
- Proposition 1B Program:
  - NOx: 6,975 tons/yr
  - PM: 244 tons/yr
- School Bus Program:
  - NOx: 194 tons/yr
  - PM: 22 tons/yr

# Carl Moyer Program Legislative Update

- AB 8 extended funding from AB 923 from January 1, 2015 to January 1, 2024
- SB1107 is continuous with no sunset date
- With adoption of on- and off-road regulations legislative changes are necessary after 16 years of successful implementation

# Carl Moyer Program Legislative Update

- CARB & CAPCOA have been cooperating on legislative changes
- Meetings have been held with stakeholders through the Incentive Program Advisory Group
- A Tactical Team has been formed by CARB & CAPCOA to draft proposed legislative changes

# Proposed Areas of Legislative Changes

- Five “pillars” have been identified for legislative changes:
  - Leveraging funds
  - Project categories
  - Cost-effectiveness limit
  - Greenhouse gases
  - Implementation efficiency