

# AB 8 Required Joint ARB/CAPCOA Carl Moyer Program Evaluation

**Board Hearing**

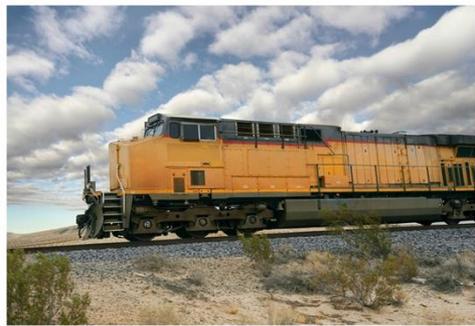
July 24, 2014

California Air Resources Board

# Overview

- Carl Moyer and Assembly Bill (AB) 923 program background
- AB 8 program evaluation
- Next steps

# Carl Moyer & AB 923 Programs



# Moyer Program Overview

- Partnership between ARB and local air districts
- Specific emissions reductions requirements
  - Early or surplus to regulation
  - Cost-effectiveness limit of \$17,720 per ton
- Air Districts retain project funding discretion
- Continually updated to meet air districts needs
- Current annual funding
  - \$69 million in State funding
  - \$12 million in local air district match

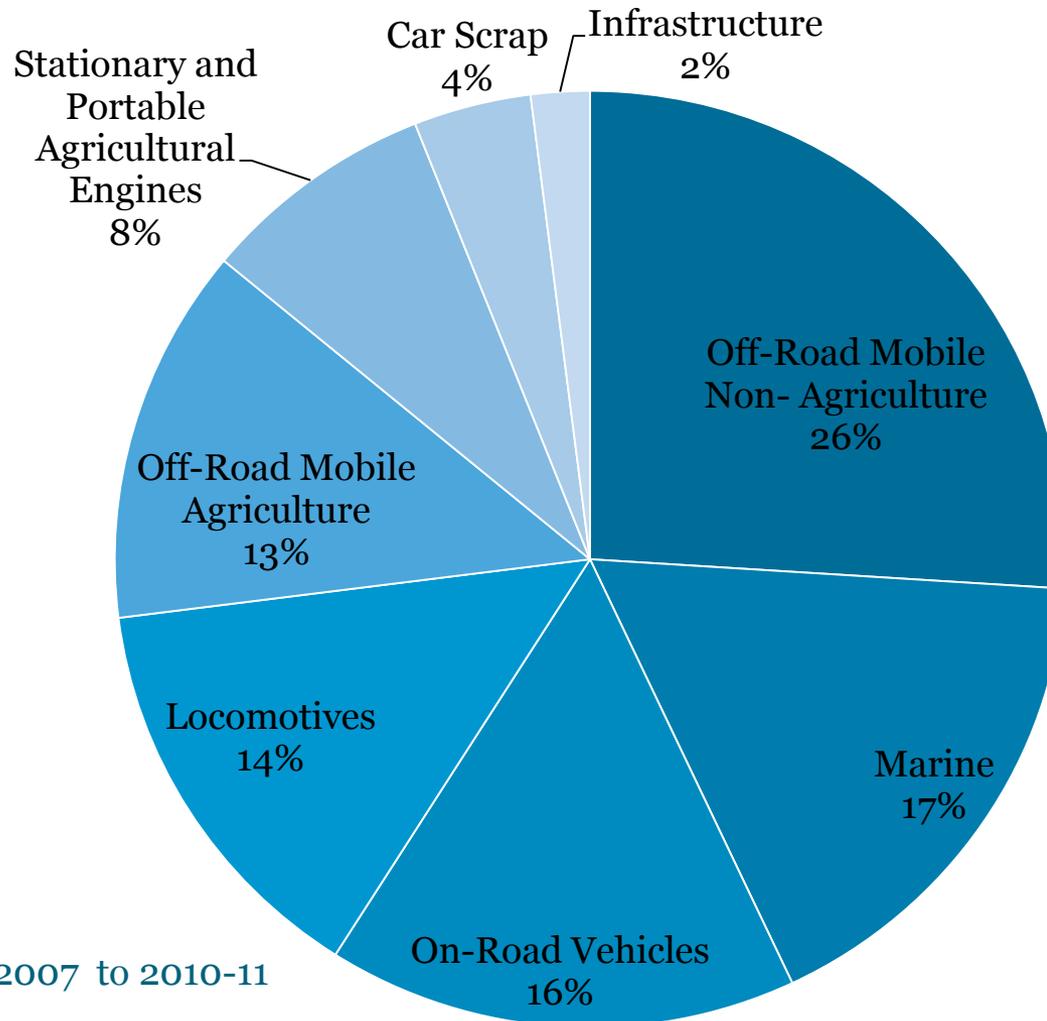
# ARB's Role

- Maintain guidelines/funding criteria
- Allocate and disburse grant funds to air districts
- Provide guidance and assistance for air districts
- Maintain CARL project reporting database
- Perform program reviews

# Air Districts' Role

- Solicit for and evaluate projects
- Execute project contracts with applicants
- Conduct equipment inspections
- Monitor projects throughout the project life
- Reporting to ARB

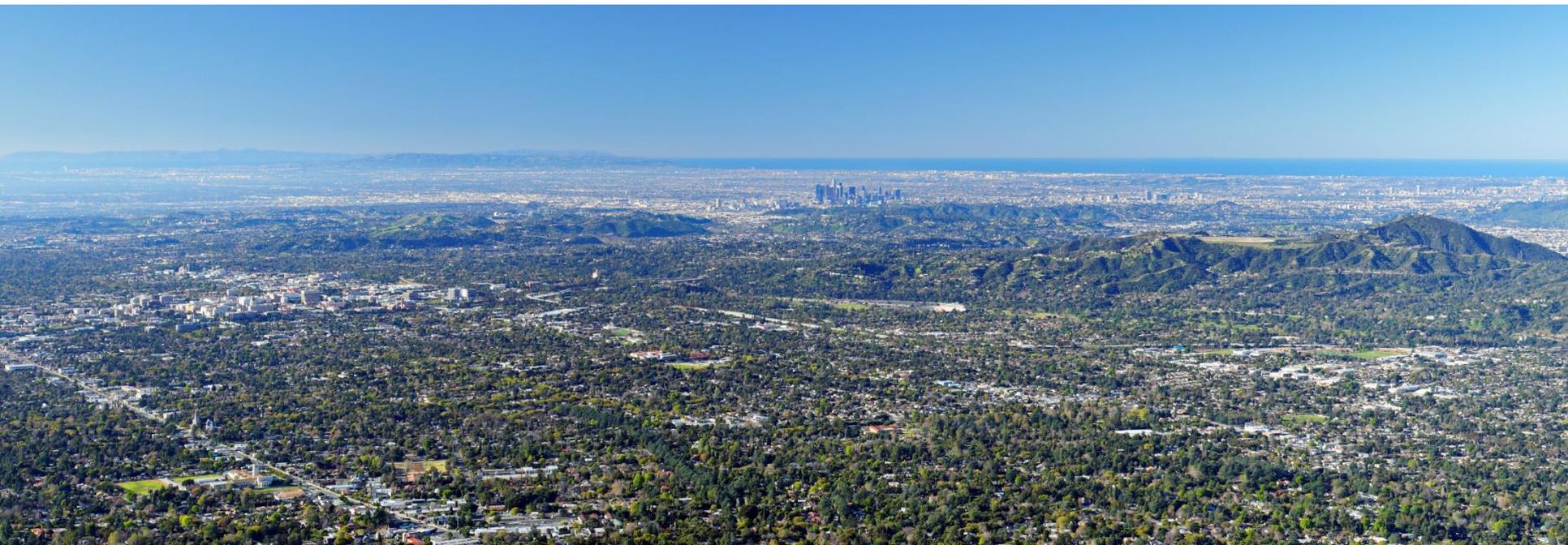
# Recent Moyer Funding Distribution



Fiscal Years 2006-2007 to 2010-11

# Moyer Program Benefits

- Approximately 150,000 tons of ozone precursors, and 6,300 tons of particulate matter reduced over the life of the program.



# AB 923 Program Overview

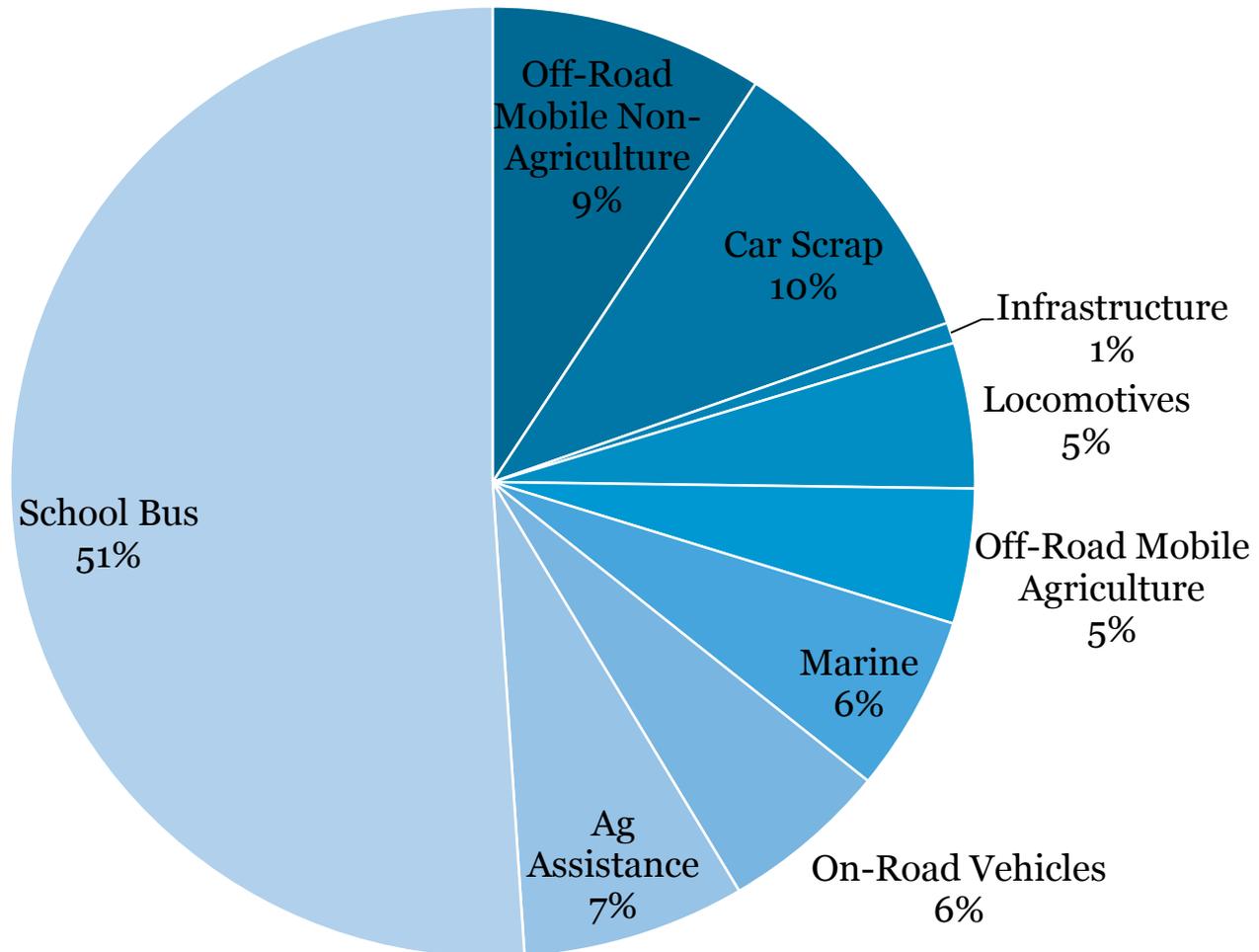
- Local funding program
  - Air Districts retain project funding discretion
- Limited to specific project types
  - Carl Moyer
  - Lower Emission School Bus
  - Agricultural assistance
  - Light-duty vehicle retirement
- About \$50 million in annual funding



**19 air districts receiving 923 funding**

- Antelope Valley APCD
- Bay Area AQMD
- Colusa APCD
- Eastern Kern APCD
- El Dorado APCD
- Feather River AQMD
- Imperial County APCD
- Mendocino AQMD
- Monterey Bay APCD
- North Coast AQMD
- Northern Sonoma APCD
- Placer APCD
- Sacramento AQMD
- San Joaquin Valley APCD
- San Luis Obispo APCD
- Santa Barbara APCD
- South Coast AQMD
- Yolo Solano AQMD
- Ventura APCD

# Recent AB 923 Funding Distribution



Fiscal Years 2007-2008 to 2010-11

# AB 8 Program Evaluation



# AB 8

- Reauthorized Carl Moyer and AB 923 Programs through 2023
- Received broad stakeholder support
- Includes requirement for ARB and Air Districts to evaluate Carl Moyer Program policies and goals

# Initiating Joint AB 8 Evaluation

- Joint partnership between ARB/CAPCOA/air districts
  - Identify current incentive program portfolio
  - Establish common guiding principles
  - Identify areas of needed program improvement
  - Engage stakeholders
  - Develop recommendations



# Air Agencies Guiding Principles

- Initiated Memorandum of Agreement
- Each incentive program will...
  - Have a clearly defined role within the portfolio
  - Complement other state and local incentive programs
  - Provide coordinated and streamlined progress towards improving air quality
- Include metrics in each program, if not already specified, to gauge success
- Allow for new incentive models to be included

# Program Evaluation Elements

- Retain ability to meet local priorities
- Improve ability to support near- and long-term goals
- Identify needed program changes
  - Near-term program changes
    - Administrative-type changes recently finalized
    - Additional on-road changes in next agenda item
  - Long-term program enhancements
    - May be legislative

# Incentive Programs Advisory Group (IPAG)

- June 11, 2014 public meeting, representatives from:
  - Environmental groups
  - Industry associations
  - Equipment manufacturers/dealers
  - Grantees
- Shared Air Agencies' guiding principles
- Held group discussions on:
  - Incorporating climate change pollutants
  - Leveraging funds
  - Adding project categories
  - Defining a successful incentive program
- Met AB 8 requirement to hold work group meetings.
- Effort will continue to develop and implement concepts

# Stakeholders Identified Key Areas

- Greenhouse gas reductions are important for the Carl Moyer Program to consider
- Leveraging funds should be encouraged, not discouraged
- Consider new project categories where emission reduction opportunities can be identified

# Next Steps for the Air Agencies

- ***Summer***
  - Continue stakeholder engagement
- ***Fall***
  - Follow-up IPAG public meeting
  - Develop program enhancement recommendations
    - Will inform future administrative changes
    - Could inform possible legislative changes