

Facility-Based Mobile Source Measures



Introductory Working Group Meeting
May 8, 2017

Agenda

- Introduction
- Background Information
- SCAQMD and CARB Resolutions
- Schedule
- Key Considerations for Working Groups
- Working Group Objectives, Process, and Potential Topics
- Stakeholder Input



Background – Air Quality

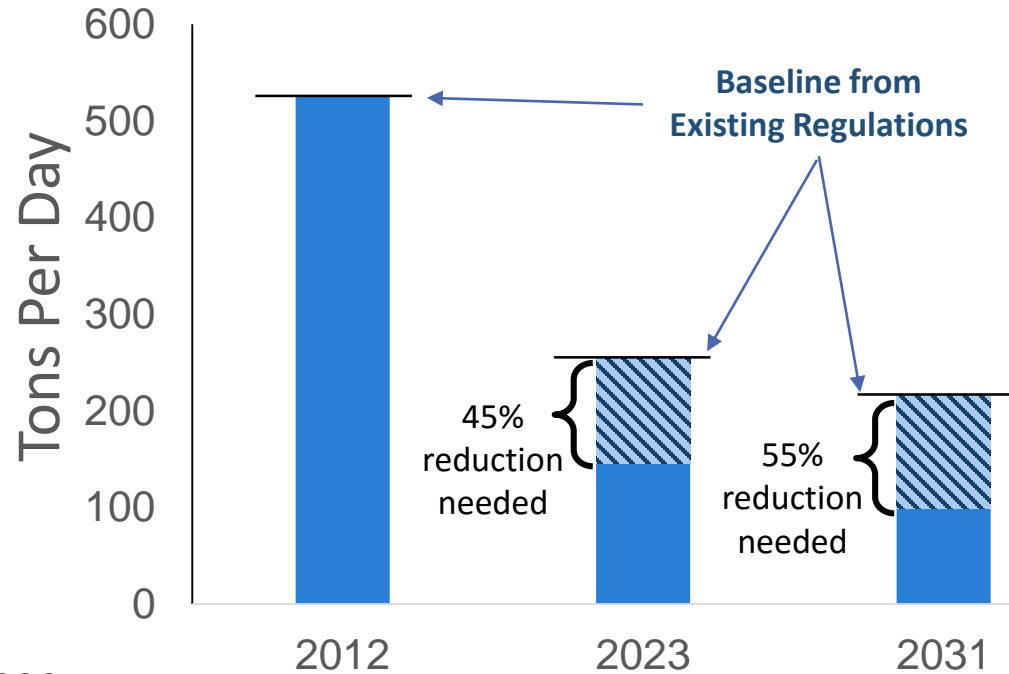
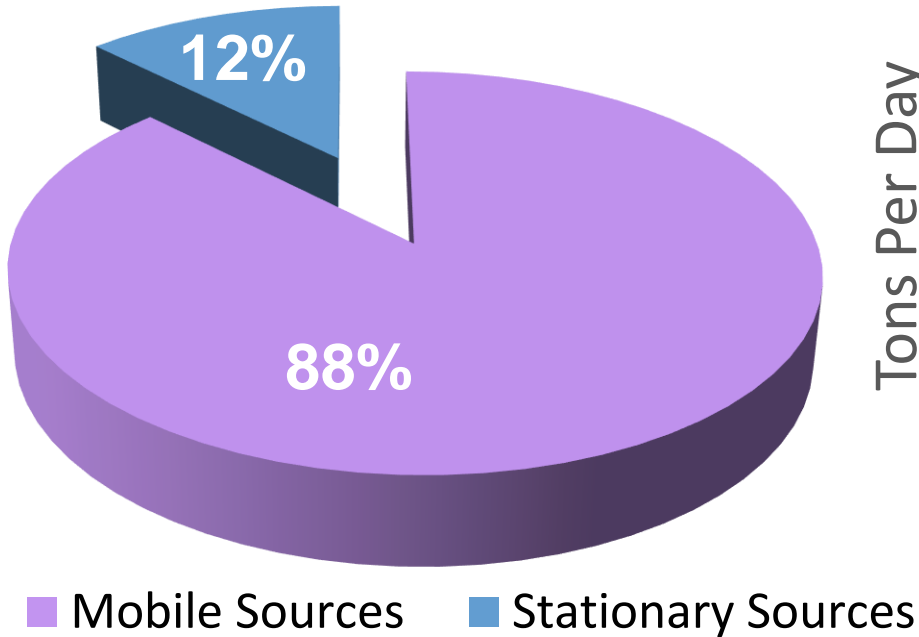


- Air quality has improved dramatically in SCAQMD over past several decades
- Local air quality is still among worst in nation
 - In 2015, 7 of the top 10 air quality stations in nation with most frequent exceedances of current federal ozone standard are located in SCAQMD
- Federal Clean Air Act requires attainment of air quality standards or region faces sanctions
 - Loss of local control for air quality regulations, loss of transportation funding, increased cost to businesses for emissions offsets

Background

Key Pollutant – Nitrogen Oxides (NO_x)

Total 2012 NO_x Emissions



Background – 2016 AQMP

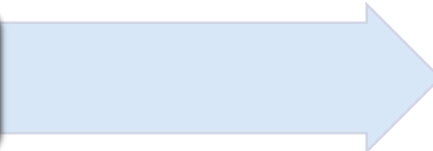
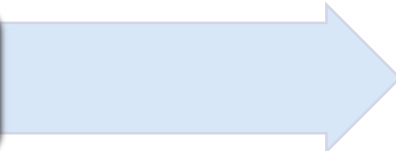
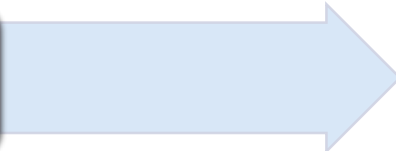
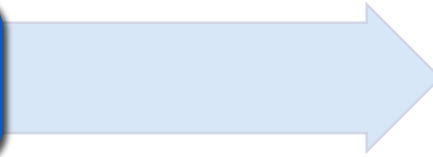


SCAQMD Control Measures

CARB Mobile Source Strategy

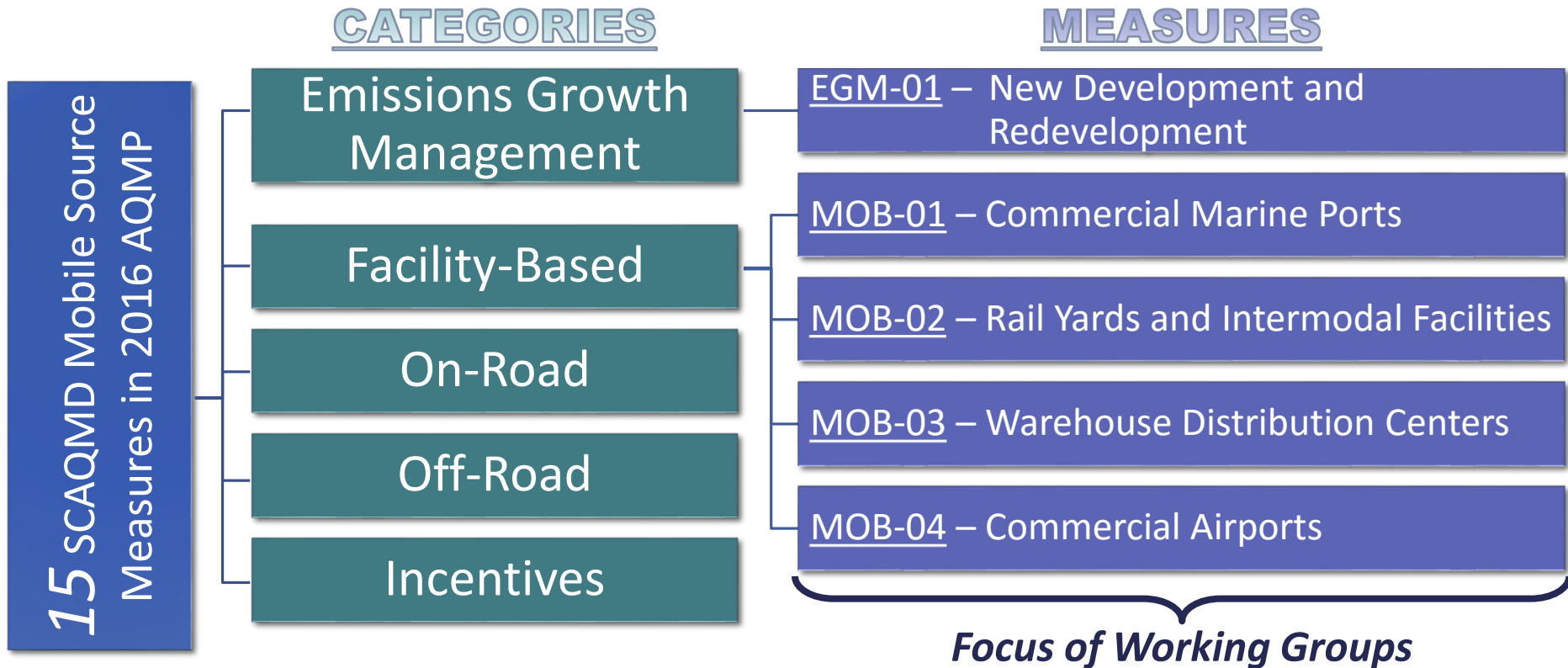
Incentives

Potential Legislation



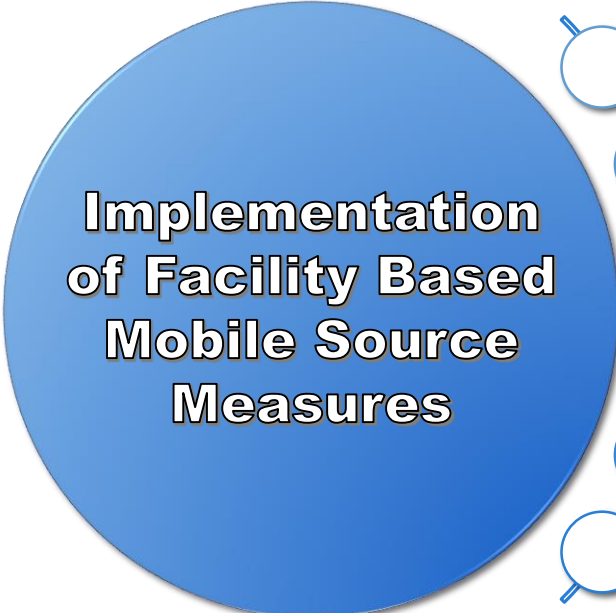
Approved March 2017
SCAQMD & CARB

Background – 2016 AQMP Mobile Source Measures



Background – 2016 AQMP

Mobile Source Measures cont'd



**Implementation
of Facility Based
Mobile Source
Measures**



Collaborative process

Seek voluntary measures where possible

Coordinate with CARB and EPA

Assess progress

Provide recommendation on approach to Board

Pivot to formal rulemaking if necessary

SCAQMD Board Resolutions Regarding Mobile Sources

- Directly addresses Facility Based Mobile Source Measure
 - MOB-04 (Airports)
 - Undertake stakeholder process and draft for Board's consideration an indirect source rule for non-aircraft sources at commercial airports (by Feb 2019)
- Directly addresses other Mobile Source Measures
 - MOB-07/08 (On-Road Heavy Duty Vehicles)
 - Seek legislative authority to require accelerated purchase and use of near-zero and zero emission vehicles in public fleets. Amend SCAQMD fleet rules within two years if legislative authority granted.
 - Heavy Duty Vehicle Incentives
 - Place priority on the most cost-effective technologies, such as current and emerging near-zero natural gas engines

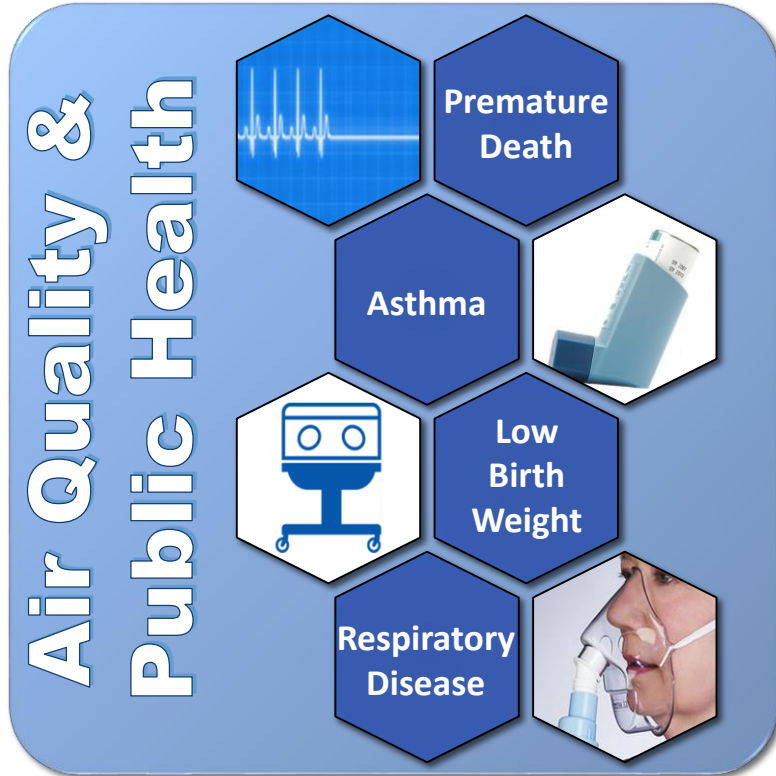
CARB Board Resolutions Regarding Mobile Sources in 2016 AQMP

- Approval of state strategy identified in AQMP
- Annual report on implementation of state strategy
- 12 months - Report on metrics for assessing progress in achieving the necessary reductions outlined in the state strategy
- 12 months – Report on *concepts* for an Indirect Source Rule *and any alternatives* to control pollution from large freight facilities (i.e., ports, railyards, warehouses and distribution centers)
- 18 months – Develop At-Berth regulation amendments that achieve up to 100% compliance by 2030 for LA Ports and Ports that are in or adjacent to areas in the top 10% of CalEnviroScreen areas
- 24 months – Develop Cargo Handling Equipment regulations to achieve 100% compliance with ZEV by 2030 for the same criteria as At-Berth regulations

Facility Based Mobile Source Measures Schedule Specified in AQMP

Milestone	Timeline Specified in AQMP	Proposed Date
Convene Working Groups	One Month after AQMP Approval	5/8/2017
Progress Report to Mobile Source Committee	One Month after AQMP Approval	5/19/2017
Working Group Meetings	Ongoing Monthly Basis	Ongoing
Progress Report to Mobile Source Committee	Six Months after AQMP Approval	10/20/2017
Progress Report to Mobile Source Committee/Governing Board with staff recommendation whether to continue with process, or pivot to formal rule development	Twelve Months after AQMP Approval	<u>MS Cmte</u> 2/16/2018 <u>GB</u> 3/2/2018

Key Considerations for Working Groups



Improved Air Quality / Public Health and a Healthy Economy

Proposed Near Term Objectives of Working Groups

- Work with stakeholders to identify strategies to implement EGM-01, and MOB-01 through MOB-04
- Identify voluntary measures that can achieve cost-effective emission reductions
- Consider how other AQMP measures (incentives, CARB regs, etc.) interact with facility-based measures
- Identify metrics for progress that staff should consider when making recommendation to Board in March 2018
- Develop mechanisms to ensure any voluntary emission reductions are real, enforceable, quantifiable, surplus, and creditable towards the State Implementation Plan

Working Group Process

- Staff is proposing to establish four Facility-Based Mobile Source Measures Working Groups
 - New Development and Redevelopment Projects (EGM-01)
 - Marine Ports and Railyards (MOB-01, 02)
 - Warehouses (MOB-03)
 - Commercial Airports (MOB-04)
- Expecting multiple meetings of each group over next year
 - Staff is also available for individual meetings
- Proposing first set of meetings for all four Working Groups on June 1 and June 2

Working Group Process – Potential Topics

- State of technology (e.g., zero-emission and near zero-emission technologies)
- Identification of potential voluntary actions to achieve emission reductions
- SIP creditability
- Status of incentives
- Potential regulatory concepts if sufficient voluntary measures not achievable
- Others?

Working Group Process – Meeting Format

- This first introductory meeting includes staff presentation, webcast and recording, and conference call-in and email access
- Proposed format for future working group meetings:
 - Staff presentation in a roundtable format that facilitates open dialogue between staff, stakeholders, and interested parties
 - Goal is to provide slides at least 72 hours before meeting
 - Conference-call capability that allows stakeholders and interested parties to participate in working groups remotely

Stakeholder Input

- Staff is seeking input on Working Group Schedule, Process, and Objectives
- Specific questions:
 - What topics should be addressed in the Working Groups and in what order?
 - What metrics should each group consider to determine progress?
 - What voluntary measures should be explored?
- Membership

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Questions or Comments?
