

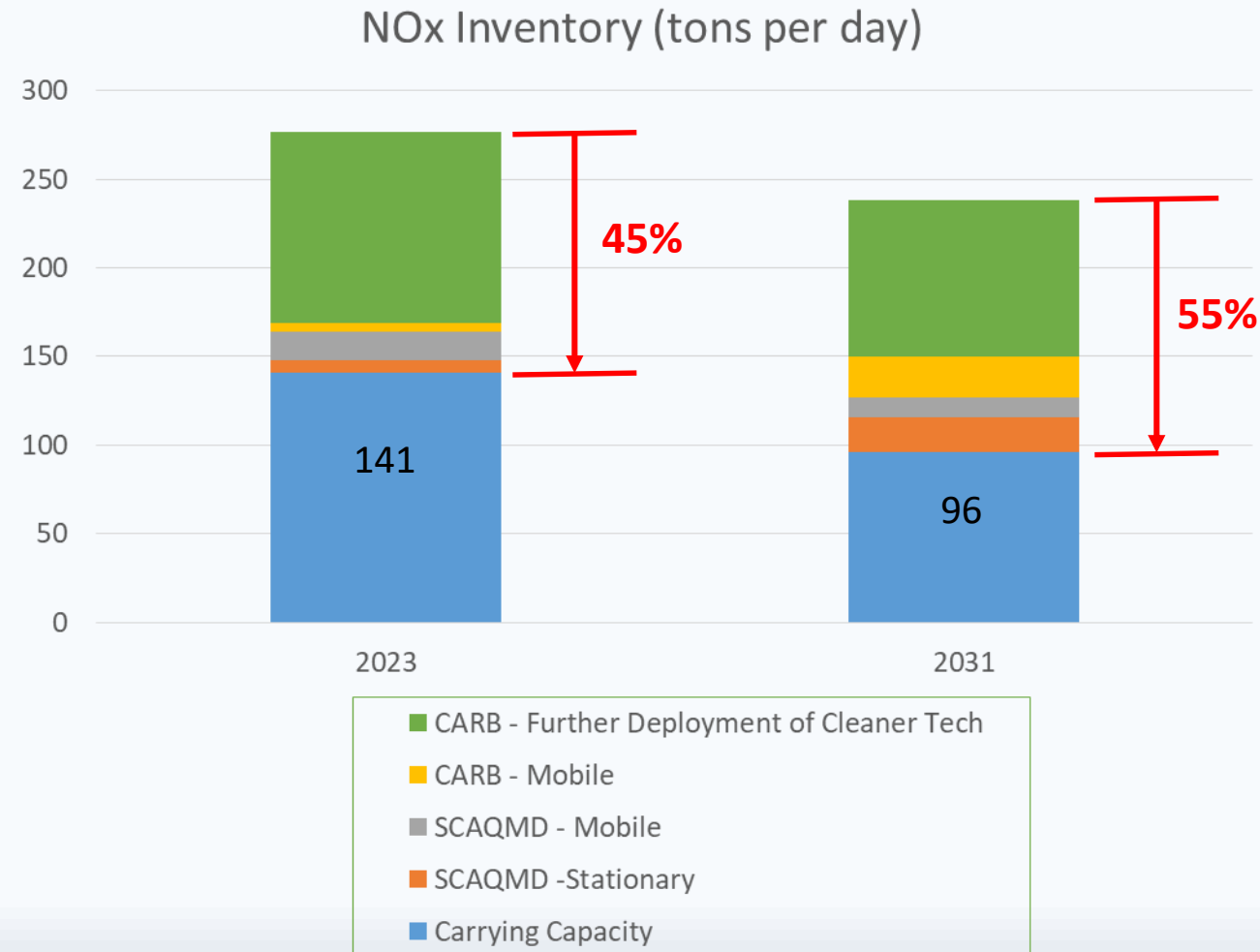


# Update on 2016 Air Quality Management Plan

SCAQMD Governing Board Retreat

May 2018

# 2016 AQMP - Overall Control Strategy (NOx)



## SCAQMD Measures:

- Stationary Sources
  - ✓ Regulations
  - ✓ Incentives
- Mobile Sources
  - ✓ Fleet Rules
  - ✓ Facility-based
  - ✓ Incentives

## CARB Measures:

- Mobile Sources
  - ✓ Regulations
  - ✓ Incentives
  - ✓ Further Deployment
- Consumer Products

# 2016 AQMP Implementation

- Rule Activity
  - ✓ Stationary sources (SCAQMD)
  - ✓ Mobile sources (CARB)
- Incentives
  - ✓ Incentive RFP Issuance (SCAQMD)
  - ✓ Additional State Funding
  - ✓ SIP Creditability
- Policy Development
  - ✓ Lifecycle analysis for residential applications (NEAT model)



# NOx / VOC Control Measures

AQMP Control Measure	SCAQMD Activity	Schedule
<b>RECLAIM Assessment (CMB-05)</b>	Rules 2001, 2002 Rules 1146, 1146.1, 1146.2 Rule 1118.1 Rule 1110.2 Rule 1134 Rule 1135 Rule 1109.1 Rules 1147.1, 1147.2 and 1147.3	<b>January 2018</b> June 2018 September 2018 September 2018 October 2018 November 2018 December 2018 2019
<b>Non-Refinery Flares (CMB-03)</b>	Rule 1118.1	September 2018
<b>Incentive Measures:</b> <b>Stationary Sources (CMB-01)</b> <b>Commercial and Residential Applications (CMB-02)</b> <b>Residential Building Energy Use (ECC-03)</b> <b>Mobile Sources (MOB-14)</b>	Up to \$61M Request for Proposals released January 2018	<b>81 proposals received – evaluation in progress</b>
<b>Coatings, Solvents, Adhesives, and Sealants (CTS-01)</b>	Rule 1168	<b>October 6, 2017</b> <i>(1.4 tpd &gt; 1 tpd VOC AQMP commitment)</i>

# Toxic Control Measures

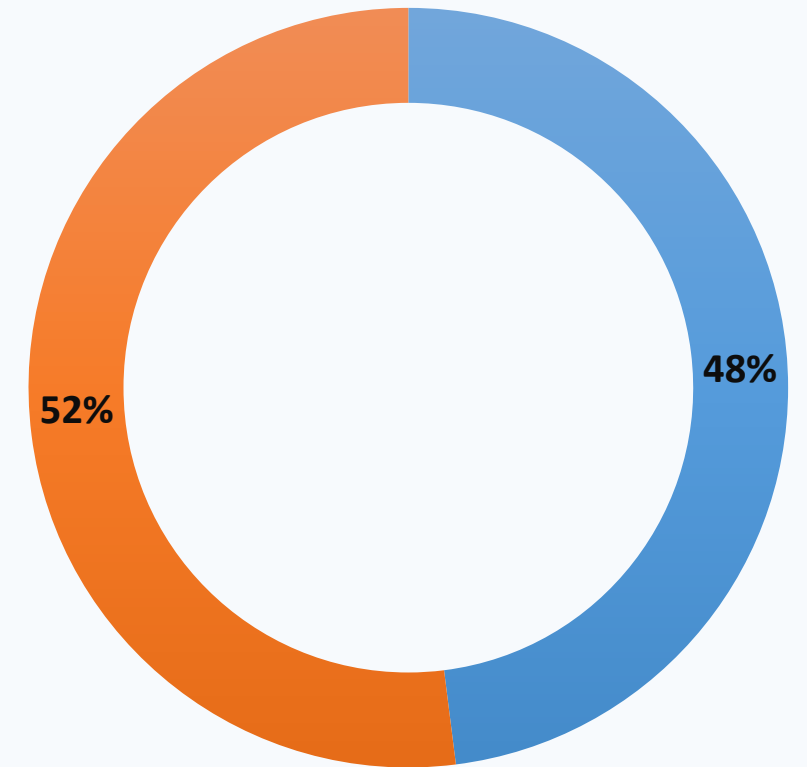
AQMP Control Measure	SCAQMD Activity	Schedule
Metal Particulate from Metal Grinding Operations (TXM-01)	Rule 1430	March 3, 2017
Metal Particulate Emissions from Contaminated Soil (TXM-04)	Rule 1466	July 7, 2017
Lead Emissions from Stationary Sources (TXM-07)	Rule 1420	December 1, 2017
Metal Particulate Emissions from Plating and Anodizing Operations (TXM-02)	Rule 1469	July 2018
Toxic Emissions from Metal Melting Facilities (TXM-06)	Rules 1407, 1407.1	September 2018

# SCAQMD Mobile Source Control Measures

AQMP Control Measure	SCAQMD Activity	Schedule
Facility-Based Mobile Source Control Measures (MOB-01 to MOB-04, EGM-01)	Staff recommendation for each sector for Board consideration.	May 4, 2018
Fleet Rule Enhancement (MOB-07 and MOB-08) <i>plus adopted Board motion</i>	Rule 1190 series – sponsored legislation for expanded authority	2019-2020 (pending legislative authority)

# Request for Proposals for Incentive Projects

- Up to \$61M broad-based RFP released in January 2018 and closed on April 11, 2018
  - Funding from existing Special Revenue Funds
- 81 proposals received
  - 42 stationary source projects
  - 39 mobile source projects
  - Total requested funding = \$379M
    - Some projects may be appropriate for other funding sources



■ Mobile Source Projects    ■ Stationary Source Projects

# CARB Mobile Source Control Measures / Rule Development

- Adopted Measure
  - South Coast Incentive Measure (HD Vehicles) – March 2018
    - 1,300 drayage / refuse trucks
    - 1 tpd of NOx reductions in 2023 (out of 3 tpd commitment)
- Upcoming Rule Activities
  - Zero-Emission Airport Shuttle Buses – August 2018
  - Innovative Clean Transit – August 2018
  - Last Mile Delivery – November 2018



# Summary

## 2016 AQMP adopted 14 months ago

- Met VOC emission reduction commitment and submitted to SIP
- Continuing significant rulemaking activity 
  - Comprehensive transition of RECLAIM to command-and-control rules
  - Suite of toxic rules ensuring lower risk exposure in local communities
- Continuing policy development
  - Residential appliances
  - Stationary source incentives program guidelines
  - Facility-based measures
- Incentive measures – secured additional funding, seeking more

AQMP	AQMP rules adopted within two years
2007	11
2012	3
2016	5 + 16 scheduled



# Questions?