



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP MEETING

### Advisory Group Members

Mayor Carlos Rodriguez, LGSBA Chair (Board Member)  
Senator Vanessa Delgado (Board Member)  
Supervisor Janice Rutherford (Board Member)  
Felipe Aguirre  
Council Member Rachele Arizmendi, City of Sierra Madre  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
Todd Campbell, Clean Energy  
LaVaughn Daniel, DancoEN  
John DeWitt, JE DeWitt, Inc.  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International  
Eddie Marquez, Roofing Contractors Association  
David Rothbart, Los Angeles County Sanitation Districts

**Friday, August 12, 2022 ♦ 11:30 a.m.**

**Pursuant to Assembly Bill 361, a meeting of the South Coast Air Quality Management District Local Government & Small Business Advisory Group will only be conducted via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.**

### **ELECTRONIC PARTICIPATION (Instructions provided at bottom of the agenda)**

*Join Zoom Webinar Meeting – from PC or Laptop*

<https://scagmd.zoom.us/j/92459924491>

**Zoom Webinar ID:** 924 5992 4491 (applies to all)

#### **Teleconference Dial In**

+1 669 900 6833

#### **One tap mobile**

+16699006833, 92459924491#

**Audience will be allowed to provide public comment through Zoom connection or telephone.  
PUBLIC COMMENT WILL STILL BE TAKEN**

Phone controls for participants: The following commands can be used on your phone's dial pad while in Zoom Webinar meeting:

- \*6 - Toggle mute/unmute
- \*9 - Raise hand

## AGENDA

*Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.*

### **CALL TO ORDER**

1. Call to Order/Opening Remarks  
(*No Motion Required*) *Mayor Carlos Rodriguez  
Committee Chair*

### **ACTION ITEM:**

2. Approval of June 10, 2022 Meeting Minutes  
(*Motion Required*)  
[Attachment 1] *Mayor Carlos Rodriguez  
Committee Chair*

### **DISCUSSION ITEMS (Items 3 through 6):**

3. Review of Follow-Up/Action Items  
*Staff will review the follow-up/action items identified in the previous meeting.*  
(*No Motion Required*) *Derrick J. Alatorre  
Deputy Executive Officer  
Legislative, Public Affairs & Media*
4. Update on Progress of 2022 LGSBA Goals & Objectives  
*Staff will provide an update on the progress of 2022 LGSBA Goals & Objectives.*  
(*No Motion Required*) *Derrick J. Alatorre  
Deputy Executive Officer  
Legislative, Public Affairs & Media*
5. Fiscal Year 2022-23 General Fund Budget  
*Staff will provide an overview of the General Fund Budget detailing staffing levels, expenditures, and revenues required to maintain current program commitments.*  
(*No Motion Required*)  
[Attachment 2] *Sujata Jain  
Deputy Executive Officer/Chief  
Financial Officer  
Finance*
6. Draft 2022 Air Quality Management Plan Overview  
*Staff will provide a brief summary of the Draft 2022 AQMP development, the strategy to attain the 2015 8-hour ozone National Ambient Air Quality Standard.*  
(*No Motion Required*)  
[Attachment 3] *Sang-Mi Lee  
Planning & Rules Manager  
Planning, Rule Development &  
Implementation*

**OTHER MATTERS:**

7. Other Business

*Any member of this body, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't Code Section 54954.2)*

8. Public Comment Period

*At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Local Government and Small Business Assistance Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.*

9. **Next Meeting Date** - Friday, September 9, 2022, at 11:30 a.m.

**ADJOURNMENT**

**Document Availability**

*All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Van Doan at (909) 396-3117 or send the request to [kdoan@aqmd.gov](mailto:kdoan@aqmd.gov).*

**Americans with Disabilities Act and Language Accessibility**

*Disability and language-related accommodations can be requested to allow participation in the Local Government and Small Business Assistance Advisory Group meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Van Doan at (909) 396-3117 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [kdoan@aqmd.gov](mailto:kdoan@aqmd.gov).*

## **INSTRUCTIONS FOR ELECTRONIC PARTICIPATION**

### **Instructions for Participating in a Virtual Meeting as an Attendee**

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

**Please note:** During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

A countdown timer will be displayed on the screen for each public comment. If interpretation is needed, more time will be allotted.

**Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.**

### **Directions for Video ZOOM on a DESKTOP/LAPTOP:**

- If you would like to make a public comment, please click on the **“Participants”** button on the bottom of the screen.
- A list of participants will appear on the right side of the screen. At the bottom of the list, please click on the grey **“Raise Hand”** button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### **Directions for Video Zoom on a SMARTPHONE:**

- If you would like to make a public comment, please click on the **“Participants”** button on the bottom of your screen.
- A new screen will pop up with the list of participants. Look for the **“Raise Hand”** button on the screen and click the button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### **Directions for TELEPHONE line only:**

- If you would like to make public comment, please **dial \*9** on your keypad to signal that you would like to comment.



# South Coast Air Quality Management District

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# Draft

## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, JUNE 10, 2022 MEETING MINUTES

### MEMBERS PRESENT:

Mayor Carlos Rodriguez, LGSBA Chair (Board Member)  
Senator Vanessa Delgado (Board Member)  
Supervisor Janice Rutherford (Board Member)  
Felipe Aguirre  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
Todd Campbell, Clean Energy  
LaVaughn Daniel, DancoEN  
John DeWitt, JE DeWitt, Inc.  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International  
Eddie Marquez, Roofing Contractors Association  
David Rothbart, Los Angeles County Sanitation Districts

### MEMBERS ABSENT:

Council Member Rachelle Arizmendi, City of Sierra Madre

### OTHERS PRESENT:

Mark Abramowitz  
Harvey Eder  
Fernando Gaytan, Earthjustice  
Debra Mendelson, Board Member Consultant (*Rutherford*)  
Mark Taylor, Board Member Consultant (*Rutherford*)

### SOUTH COAST AQMD STAFF:

Susan Nakamura, Chief Operating Officer  
Derrick Alatorre, Deputy Executive Officer  
Aaron Katzenstein, Deputy Executive Officer  
Sarah Rees, Deputy Executive Officer  
Lisa Tanaka O'Malley, Assistant Deputy Executive Officer  
Kathryn Higgins, Director of Community Air Programs  
Daphne Hsu, Principal Deputy District Counsel  
Philip Crabbe III, Senior Public Affairs Manager  
Mark Henninger, Information Technology Manager  
Anthony Tang, Information Technology Supervisor  
Van Doan, Air Quality Specialist  
Paul Wright, Senior Information Technology Specialist

**Agenda Item #1 – Call to Order/Opening Remarks**

Derrick Alatorre, Deputy Executive Officer, Legislative, Public Affairs and Media, reviewed the housekeeping items for the virtual meeting and Chair Carlos Rodriguez called the meeting to order at 11:30 a.m.

For additional details of the Local Government & Small Business Advisory Group Meeting, please refer to the Webcast at [Live Webcast \(aqmd.gov\)](#) at 0:06.

**Agenda Item #2 – Approval of March 11, 2022 Meeting Minutes**

Chair Rodriguez called for approval of the March 11, 2022 meeting minutes.

No public comment.

Motion to approve minutes made by Ms. Rita Loof with amendments; seconded by Supervisor Janice Rutherford; unanimously approved.

Ayes: Aguirre, Avila, Campbell, Daniel, Delgado, DeWitt, LaMarr, Loof, Marquez, Rothbart, Rodriguez, Rutherford

Noes: None

Abstain: None

Absent: Arizmendi, Blake (during voting)

For additional details, please refer to the [Webcast](#) beginning at 6:00.

**Agenda Item #3 – Review of Follow-Up/Action Items**

Mr. Alatorre reviewed the action item from the March 11, 2022 meeting, which was to provide the advisory group with Assembly Bill (AB) 617 and AB 8 information. The requested information was emailed to the advisory group on June 7, 2022.

No public comment.

For additional details, please refer to the [Webcast](#) beginning at 10:06.

**Agenda Item #4 – 2022 Air Quality Management Plan (AQMP) Overview**

Sarah Rees, Deputy Executive Officer for Planning, Rule Development and Implementation, presented a summary of the overall process and work completed to date on the 2022 Air Quality Management Plan (AQMP).

John DeWitt asked if the national air quality standards are attainable. Dr. Rees replied that it is important the federal government develop and implement new regulations as a majority of the nitrogen oxides (NOx) come from ships, locomotives, aircrafts, and trucks.

David Rothbart referenced slide #10 and asked if the inventory includes the California Air Resources Board (CARB)-proposed reductions such as the Advanced Clean Fleet requirement. Dr. Rees responded that CARB's baseline includes previously adopted regulations up until October 2021. Mr. Rothbart asked if air quality standards are achievable if all federal and mobile sources were electrified. Dr. Rees replied that there would be barriers to full electrification and infrastructure is one of them. Our authority

is limited and would not meet the standards even if all stationary sources in our region were shut down. For additional details, please refer to the [Webcast](#) beginning at 29:34.

Bill LaMarr expressed concern given the current state of the economy, businesses, and our region's inability to reach attainment under the Clean Air Act. Dr. Rees discussed South Coast AQMD's regulatory authority and rulemaking proceedings which require public input, including the business community, and support for science-based targets. For additional details, please refer to the [Webcast](#) beginning at 33:11.

Rita Loof expressed concern with inconsistency of AQMP policy and actual implementation. She indicated that although the AQMP strategy relies on NOx emission reductions; volatile organic compound (VOC) sources are more heavily regulated. She encouraged regulatory flexibility to provide incentives for businesses to remain in operation in California. Dr. Rees responded that NOx reductions are important as it paves the pathway for attainment and VOC reductions are important due to the chemistry in the atmosphere, which forms ozone. For additional details, please refer to the [Webcast](#) beginning at 40:42.

Todd Campbell expressed concern regarding the achievability of the zero-emission strategy in the AQMP. Dr. Rees discussed the availability of electrons, infrastructure, and power for widespread electrification. For additional details, please refer to the [Webcast](#) beginning at 45:54.

Mr. LaMarr asked if there are any meetings scheduled for the AQMP Advisory Group. Dr. Rees replied that a meeting is scheduled for this summer.

Harvey Eder provided public comment and mentioned the Solar New Deal.

For additional details on the presentation and discussions, please refer to the [Webcast](#) beginning at 11:16.

**Agenda Item #5 – Update on Technology Advancement Office Clean Fuels Program, 2021 Annual Report and 2022 Clean Fuels Plan**

Aaron Katzenstein, Deputy Executive Officer, Technology Advancement Office, presented on the Clean Fuels Program, including the accomplishments made in 2021 and the plan for 2022.

Mr. Rothbart mentioned CARB's regulations on electric vehicles, expressed concern for electric vehicle availability, and asked about research funding and what could be done for attainment. Dr. Katzenstein responded that the Clean Fuels Program focuses on research for zero-emission technology and expressed the need for power availability and infrastructure. For additional details, please refer to the [Webcast](#) beginning at 1:09:28.

Ms. Loof referenced slides #9 and #12 and asked for clarification on the different percentages for stationary sources. Dr. Katzenstein responded that it may be the same project and the difference in percentages is due to the different funding amounts in the pie chart. Ms. Loof mentioned restrictions for funding use. For additional details, please refer to the [Webcast](#) beginning at 1:14:05.

Geoffrey Blake expressed concern that high fuel costs could lead to a reduction of drivers. He discussed liquified natural gas (LNG) as a fuel and need for incentive programs to convert older diesel engines to LNG. Dr. Katzenstein stated that there are programs available to trade in or retrofit diesel engines for natural-gas engines.

Mr. LaMarr indicated that sometimes trucks exceed city weight limits causing infrastructure damage and asked if there have been any discussions on how to address that issue. Dr. Katzenstein responded that so far there hasn't been any discussions relating to that issue. Mr. LaMarr mentioned that electric trucks need to be charged and asked about duty cycles and whether more ZE trucks would be needed to complete work. Dr. Katzenstein responded that it is dependent on the fleet. For additional details, please refer to the [Webcast](#) beginning at 1:21:10.

Mr. Campbell and Dr. Katzenstein discussed battery-electric trucks, including performance, costs, and efficiency. For additional details, please refer to the [Webcast](#) beginning at 1:25:10.

For additional details on the presentation and discussions, please refer to the [Webcast](#) beginning at 58:06.

#### **Agenda Item #6 – Other Business**

Ms. Loof expressed appreciation for the information received on AB 617 and requested that the topic be placed on a future agenda for discussion.

*Action Item: Place AB617 on a future LGSBA agenda.*

#### **Agenda Item #7 – Public Comment**

Mr. Eder commented on methane and climate change. For additional details, please refer to the [Webcast](#) beginning at 1:32:40.

#### **Agenda Item #8 – Next Meeting Date**

The next regular LGSBA Advisory Group meeting is scheduled for Friday, August 12, 2022 at 11:30 a.m.

#### **Adjournment**

The meeting adjourned at 1:08 p.m.





# FY 2022-23 South Coast AQMD Adopted Budget and Regulation III

LGSBA  
August 12, 2022

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## Topics

- Revenue & Expenditure Uncertainties
- General Fund Budget Summary
- Five-year Projection
- Regulation III – Fees

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## Revenue & Expenditure Uncertainties

- Economic Impact of COVID-19
- Retirement Cost Increases
- AB 617 Ongoing Funding
- Federal/State Funding
- Aging Infrastructure

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## General Fund Budget Summary

(\$ in Millions)	FY 2021-22			FY 2022-23
	Budget	Amended	Actual (Unaudited)	Adopted
Staffing	957	959		970
Revenue	\$179.9	\$185.7	\$183.1	\$189.2
Program Cost	<u>\$179.9</u>	<u>\$188.5</u>	<u>\$180.0</u>	<u>\$189.2</u>
Change to Fund Balance	<u>\$0.0</u>	<u>-\$2.8</u>	<u>\$3.1</u>	<u>\$0.0</u>

4

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## FY 2021-22 Actuals and Five-Year Projection

(\$ in millions)	FY 21-22 Actual (Unaudited)	FY 22-23 Adopted	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected
Authorized Staffing	959	970 *	972	972	972	972
Vacancy Rate	13%	11%	11%	11%	11%	11%
Funded Staffing	834	863	863	863	863	863
Revenues **	\$183.1	\$189.2	\$193.9	\$195.4	\$197.3	\$200.1
Program Costs	\$180.0	\$189.2	\$196.8	\$201.7	\$204.7	\$207.7
Changes in Fund Balance	\$3.1	\$-	\$(2.9)	\$(6.3)	\$(7.4)	\$(7.6)
Unreserved Fund Balance (at Year-End)	\$81.0	\$81.0	\$78.1	\$71.8	\$64.4	\$56.8
% of Revenue	44%	43%	40%	37%	33%	28%
* Includes 2 positions added by the Board in FY 2021-22 (BL 9/2021 #10) and FY 22-23 additions include 11 funded positions (8 are revenue offset).						
** CPI projections include the following: FY 22/23 – 6.5%; FY 23/24 - 3.8%; FY 24/25 - 3.0%; FY 25/26 - 3.1%; & FY 26/27 – 3.3%						

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## Regulation III - Fees

- FY 2022-23 CPI Fee Increase – 6.5%

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# 2022 DRAFT AIR QUALITY MANAGEMENT PLAN

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## Local Government and Small Business Assistance Advisory Group Update

August 12, 2022

South Coast Air Quality Management District



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## 2022 Air Quality Management Plan (AQMP)

- AQMP is a blueprint to improve air quality and achieve federal air quality standards in the South Coast Air Basin and Coachella Valley
- In 2015, the U.S. EPA tightened the ozone air quality standard to 70 parts per billion (ppb), triggering the need to develop an AQMP.
- The 2022 AQMP addresses control strategy to meet the ozone standard by 2037



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# Our Challenge



Los Angeles c. 1950

Our region has historically suffered from some of the worst air quality in the United States



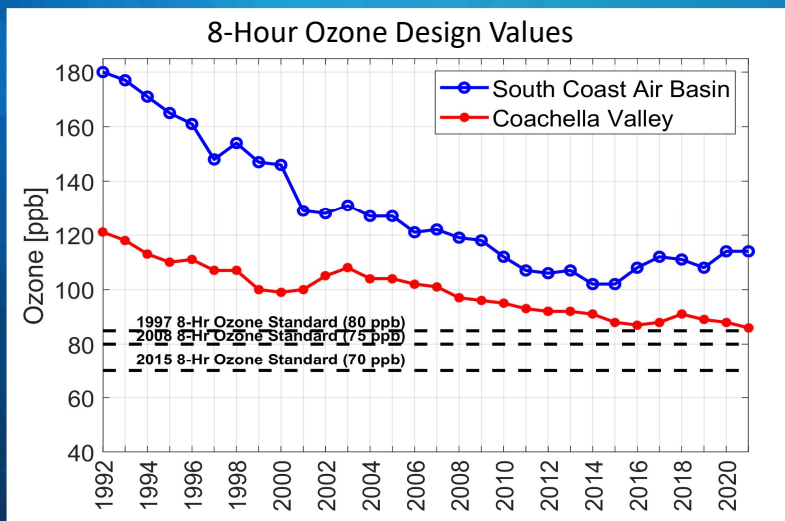
Los Angeles Recent Condition (2018)

We have made significant progress, but still suffer from poor air quality

- Worst ozone (smog) in the nation
- Among the worst fine particulate matter (PM<sub>2.5</sub>)

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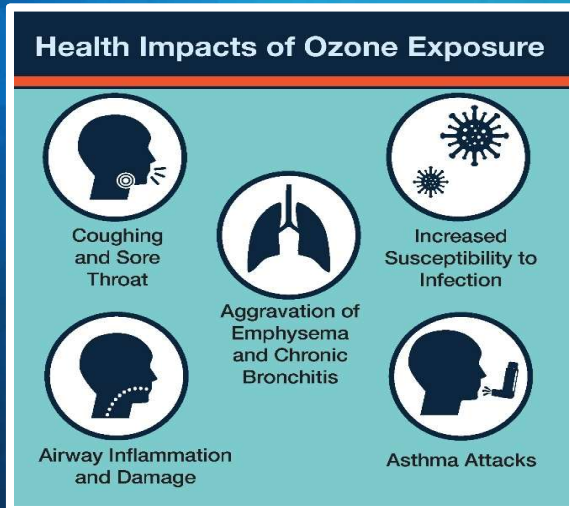
# Ozone Trends in the South Coast Air Basin



- Overall air quality has dramatically improved
- High ozone in recent years were due to adverse meteorology. Continued emission reductions will improve ozone

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## Health Impacts of Ozone



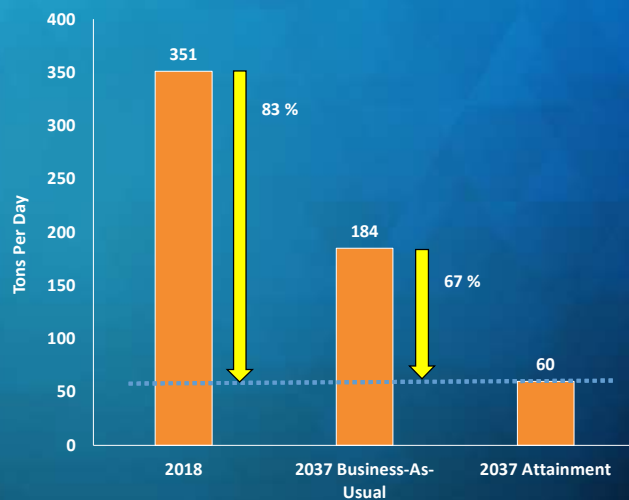
- Ozone precursor pollutants also increase fine particulate (PM2.5) pollution
- PM2.5 can cause **premature death** in addition to other serious health effects

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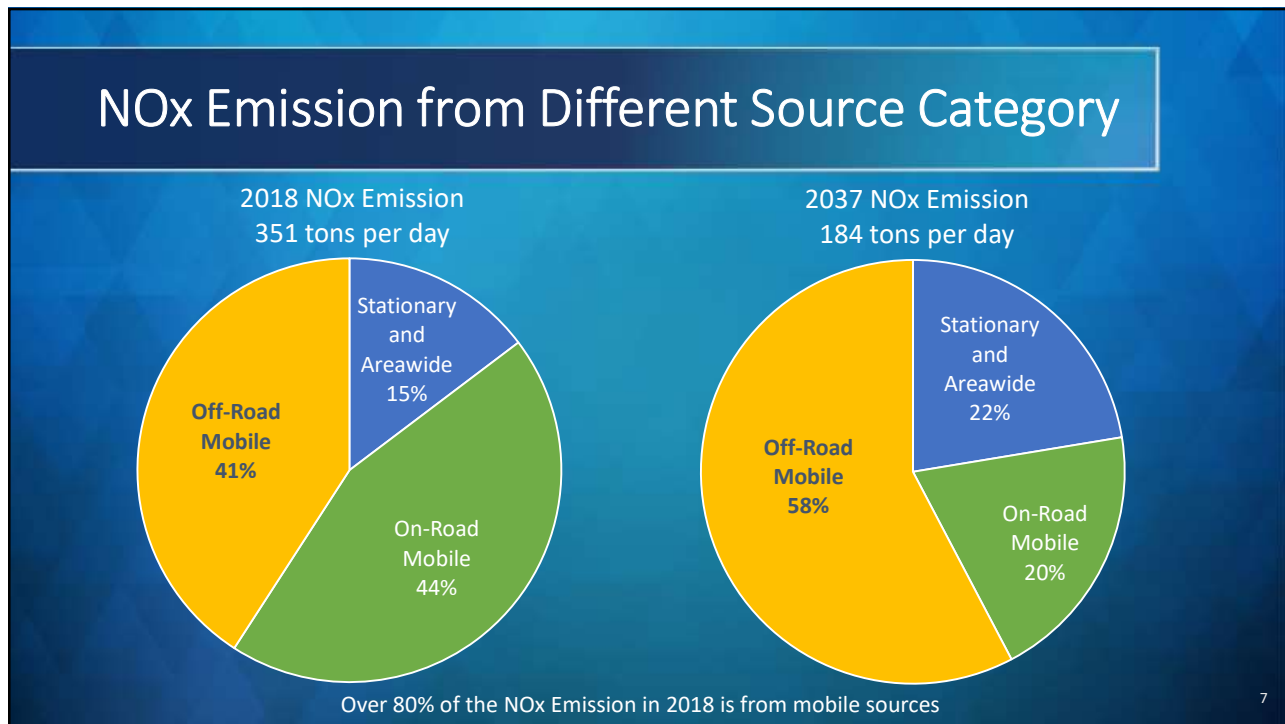
## Need to Reduce NOx Emissions

- The primary pollutant that must be controlled to reduce ozone in our region is nitrogen oxides (NOx)
- NOx is formed during processes that burn fuels
- NOx must be reduced to 60 tons per day to meet the ozone standard
  - 83% below current conditions
  - 67% below Business-As-Usual conditions in 2037

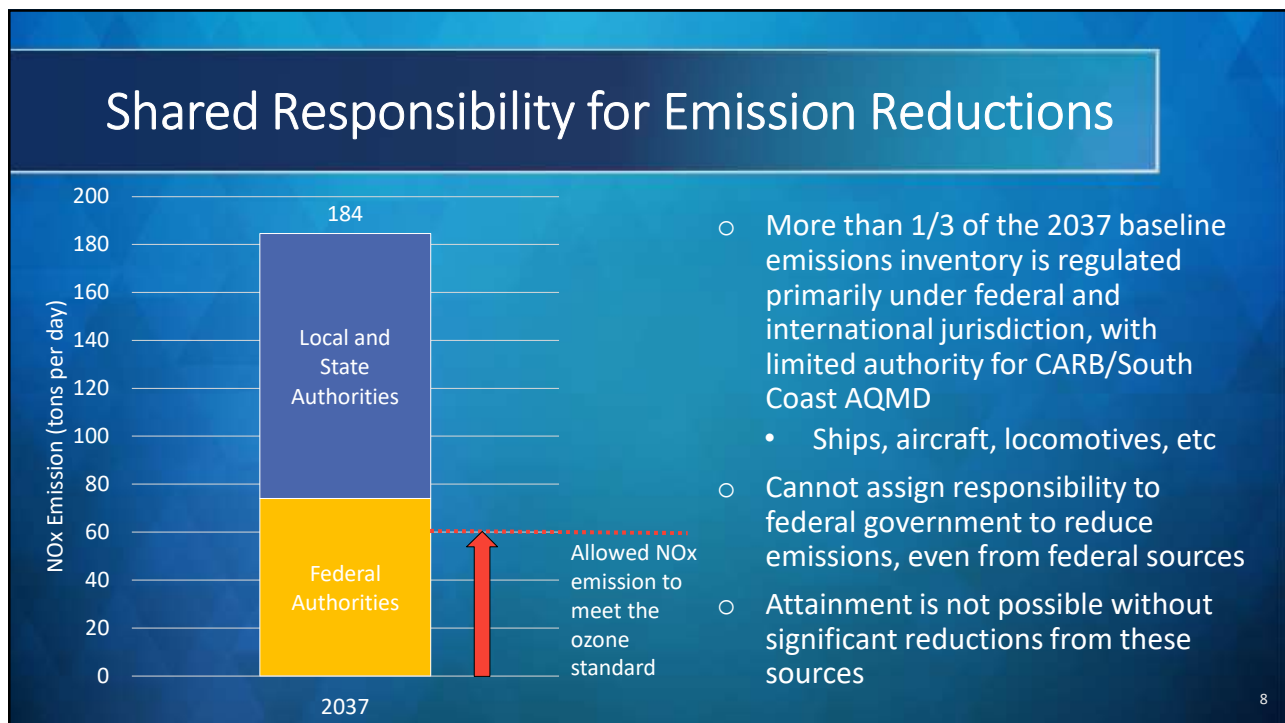


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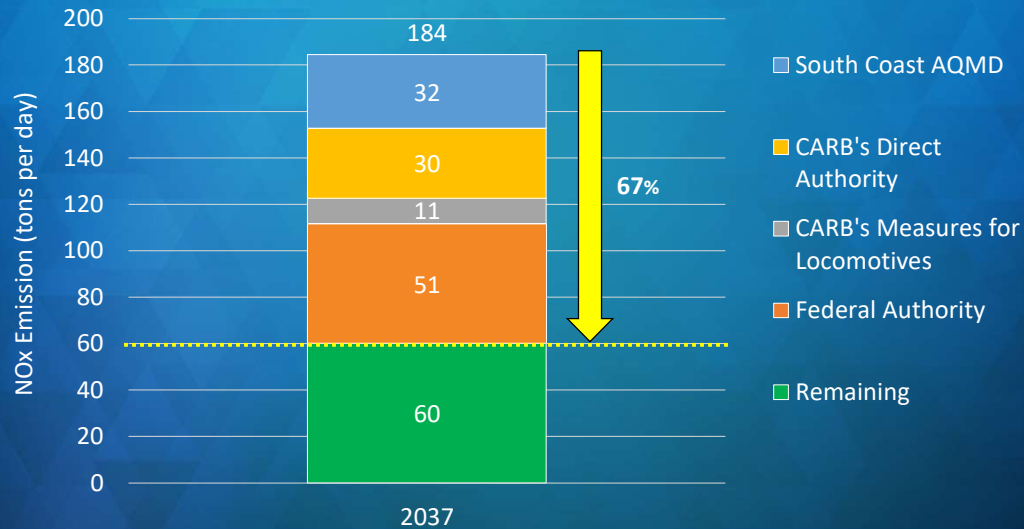
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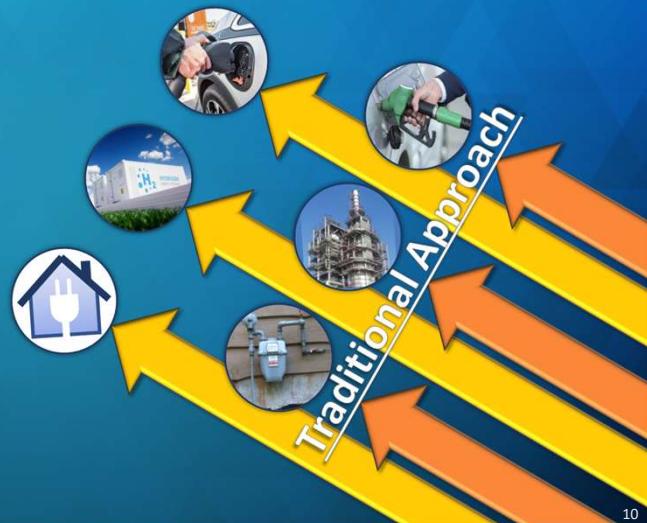
## NOx Reductions Needed for Attainment



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## Innovative Approaches Needed

- Traditional approach relies on additional tailpipe/exhaust stack controls, new engines technology, or fuel improvements tailored to individual use cases
- These traditional approaches will not reduce emissions by the amount needed
- We must turn to zero emission and advanced technologies wherever possible



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# Overview of Draft South Coast AQMD Stationary and Area Source Control Strategy

NOx Control Measures

Co-Benefits from Greenhouse Gas Reductions

Limited Strategic VOC Measures

Other Measures

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# Draft Stationary and Area Sources NOx Control Measures

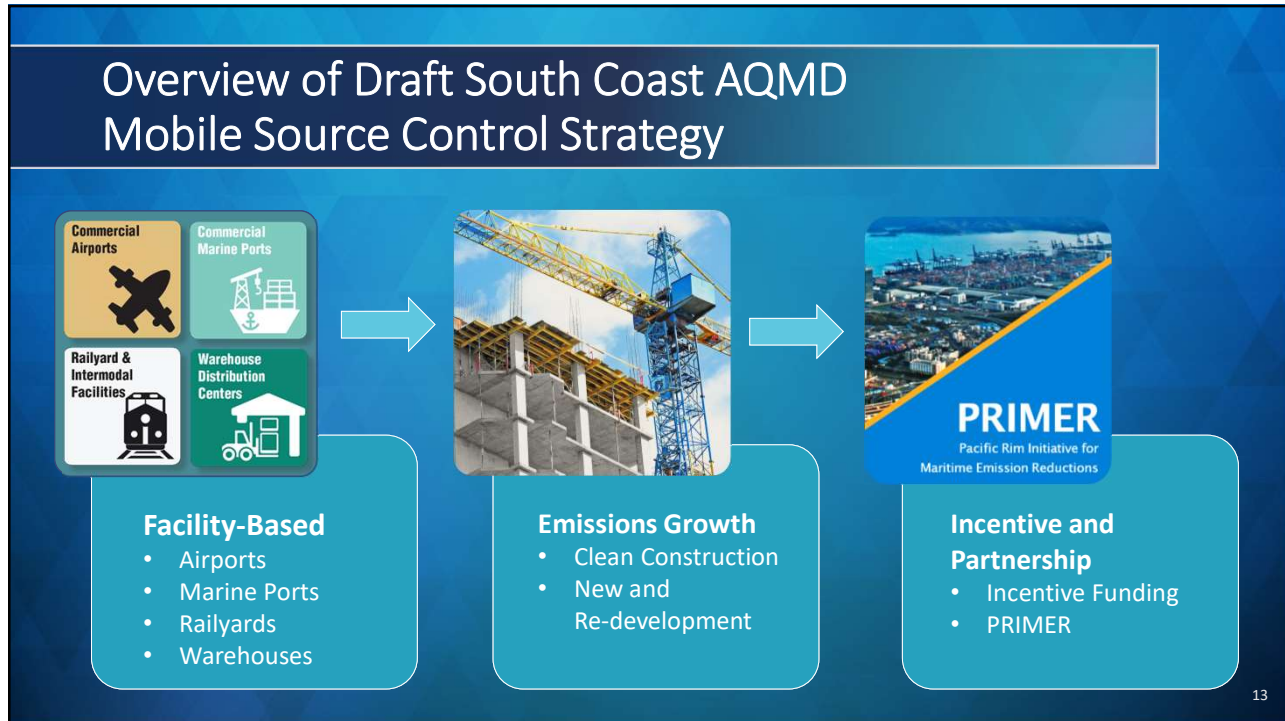
**Residential Combustion**  
Water/Space/  
Cooking/Others

**Commercial Combustion**  
Water/Space/Cooking/Others

**Industrial Combustion**  
Boilers/Process Heaters/  
Refineries/EGUs/Etc.

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# Development Process

- Release of the Draft 2022 AQMP: May 6, 2022
- Public comments were received during May 6 – July 22, 2022
- Revised 2022 AQMP to be released in late Summer
- Upcoming public meetings and schedule:

Timeline	Milestone
August 5, 2022	Status update on Draft 2022 AQMP development to South Coast AQMD Governing Board
August 10, 2022	Advisory Council Meeting on Health Effects Appendix
Late August, 2022	Release Revised Draft 2022 AQMP
October 7, 2022	Status update on Draft 2022 AQMP development to South Coast AQMD Governing Board and Set Hearing
Mid October, 2022	Regional Public Hearings
December 2, 2022	South Coast AQMD Board Consideration of Draft Final AQMP

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**2022 AQMP  
Interested Parties**



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