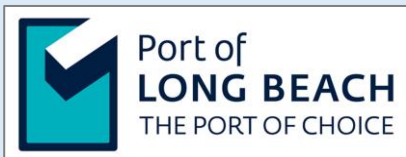


Cooperative Agreement Between South Coast AQMD and Ports of Long Beach and Los Angeles



Public Meeting
May 14, 2026 4:00 PM (PDT)



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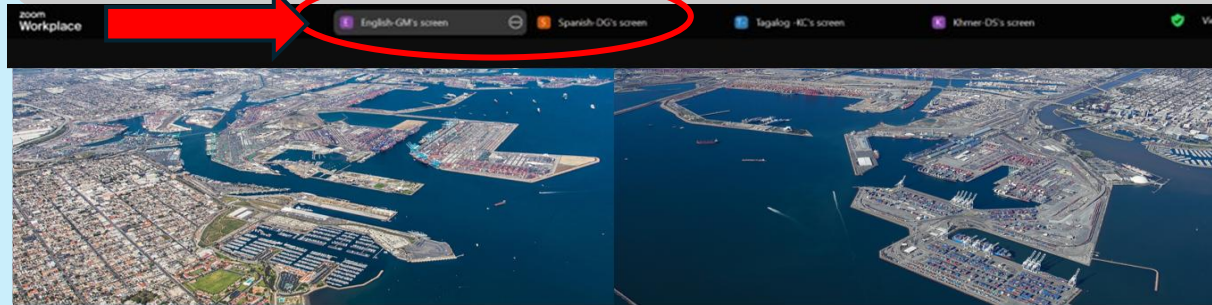
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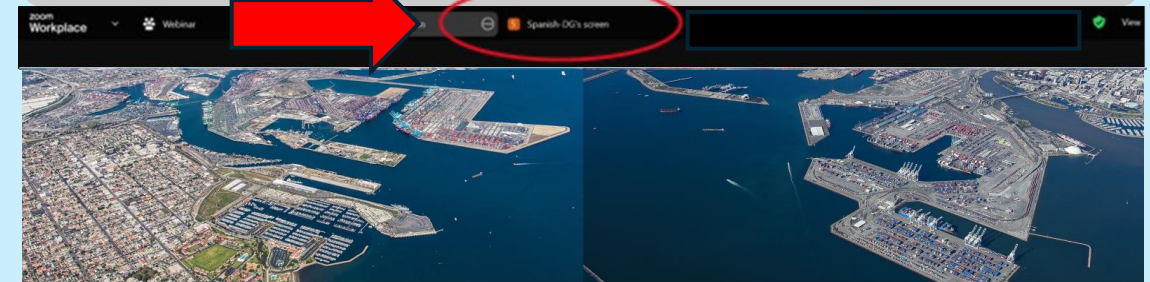


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2 Once selected, the presentation slides will display in desired language



Acuerdo de Cooperación entre South Coast AQMD y los Puertos de Long Beach y Los Ángeles

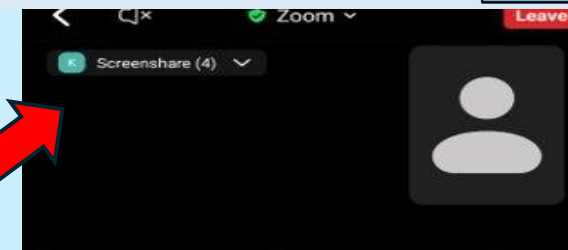


Reunión Pública
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Únase a la reunión del seminario web por Zoom - desde su computadora o portátil
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Agenda

Recent Updates

- Summary of March 27 Working Group Meeting
- Recent Activities

Proposed CAAP Plus Measures

- Focus of Current Effort
- Draft Proposed Addendum to Cooperative Agreement
 - Preamble
 - Additional Measures

Next Steps

Summary of March 27 Working Group Meeting



Virtual working group meeting presenting initial concepts for additional CAAP Plus Measures

Key Public Comments Received

(similar themes as in prior written comments)

- Put funds towards incentive programs and consider incentivizing both ZE and low NOx technologies
- Consider measures focused on top emitting port sources
- Accelerate and track measure implementation
- Consider public input in measure development and public transparency on emission reductions and health outcomes

Initial Responses to Written Comments

Key Comment:

Commit to regular health risk assessments for port communities and publicize findings

Response:

- South Coast AQMD already regularly studies and publishes reports tracking community health risk from exposure to air pollution (e.g., MATES, AQMP)*

Key Comment:

Set emission reduction goals to inform future actions, track progress in meeting goals, and develop roadmap for 100% ZE drayage truck fleet by 2035

Response:

- Purpose of Agreement Addendum is to reduce emissions and/or facilitate future quantifiable emission reductions from port-related operations
- Infrastructure planning is a critical step needed before identifying future emission reduction and equipment deployment strategies

Initial Responses to Written Comments (*cont.*)

Key Comment:

Ports should provide mitigation funds dedicated to priority ZE projects for port communities and have community participate in spending decision-making

Response:

- Ports committed over \$100 million to community benefit programs that fund a variety of projects including ZE projects for port communities
- Robust public process included to solicit input on program spending and funding prioritization

Key Comment:

Expand incentive/feebate programs to cover each port source and report on effectiveness

Response:

- Partly in response to this comment, the Draft Addendum includes enhanced or new incentive programs for ships and trucks, and \$40 million for regional ZE infrastructure for trucks serving the ports
- Implementation tracking and reporting are required for all measures

Initial Responses to Written Comments *(cont.)*

Key Comment:

Incentivize trucks powered by cleanest low NOx internal combustion engines

Response:

- Ports' Board-approved Clean Truck Program focuses on promoting ZE for drayage trucks

Key Comment:

Oppose Cooperative Agreement and support a strong Port rule with emission reduction targets

Response:

- Cooperative Agreement approved by South Coast AQMD and Port Boards as mechanism to plan and implement ZE infrastructure, the focus of the previously proposed rule (PR 2304)
- Proposed additional measures focus on near-term actions that will result in or facilitate port emission reductions to complement current agreement

Recent Activities



Focused on Draft Measure Language Development

- Released draft language May 8, 2026*
- Focus of today's meeting:
 - Presenting Draft Addendum to the Cooperative Agreement
 - Obtaining stakeholder input on Draft Addendum

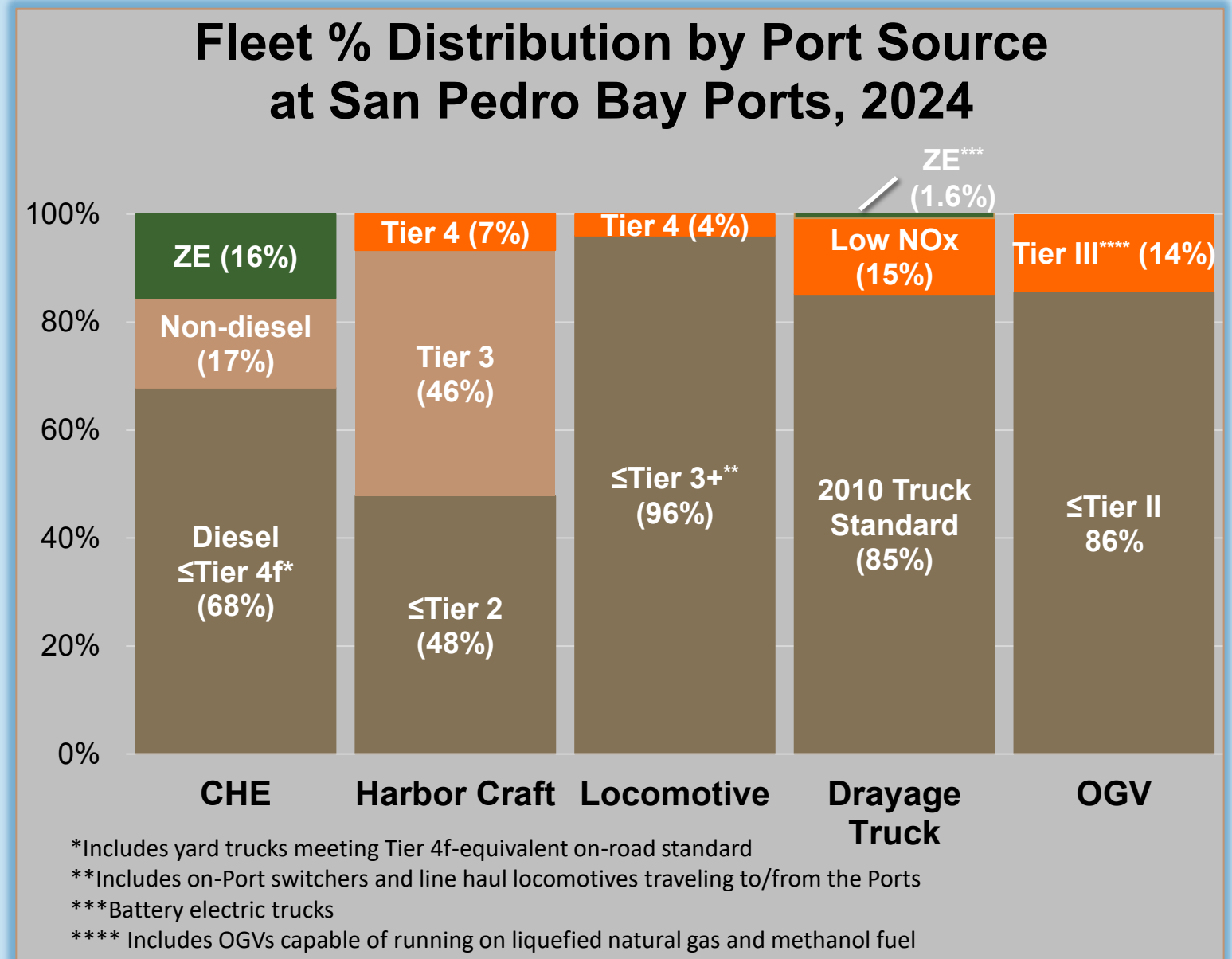


Public Process Since March 27 Working Group Meeting

- South Coast AQMD office hours (March 31)
- Ports' Clean Air Action Plan Update Meeting (April 14)
- Ports' respective environmental & community monthly meetings (April)

Infrastructure Challenges

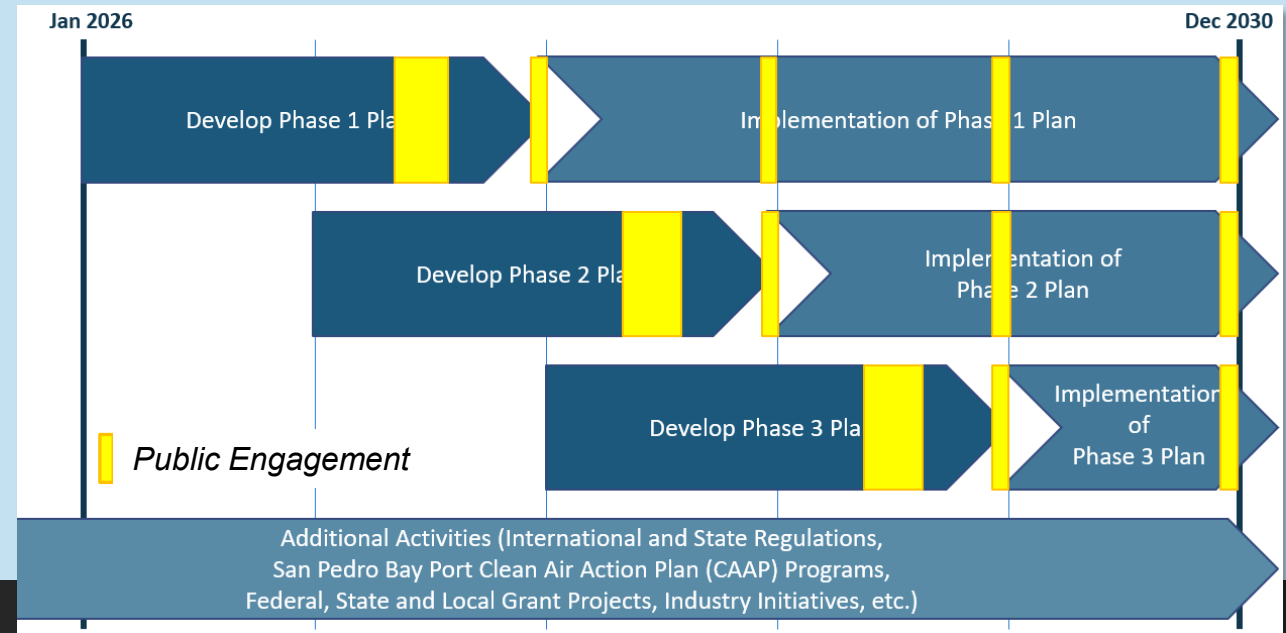
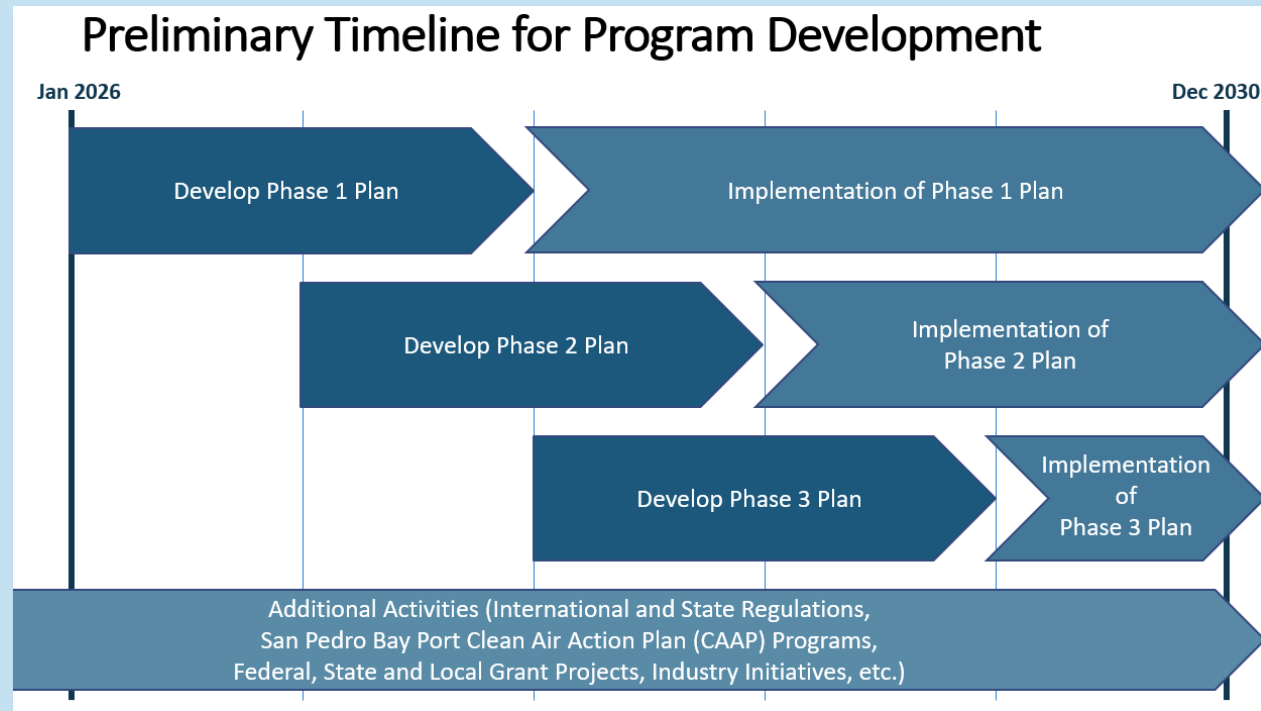
- Infrastructure is paramount to transitioning to zero emission operations at Ports and achieving significant emission reductions and necessary improvements to air quality
- ZE infrastructure planning and implementation was the focus of the Cooperative Agreement executed in December 2025



Data sources: 2024 POLA & POLB Emission Inventories

Infrastructure Implementation

- Resources are needed to ensure all commitments for infrastructure are met
- Infrastructure commitments have fast-approaching and overlapping schedules



Focus for Developing Draft Measures

Complementing ZE infrastructure planning and implementation

Action Within 5 Years

- Completion of actions (rather than achievement of outcomes) within term of agreement

Ports' Role

- Clear role in controlling completion of an action

South Coast AQMD Role

- Clear role for monitoring and enforcing measure implementation

Public Engagement

- Stakeholder engagement throughout measure development and implementation

Draft Proposed Addendum to Cooperative Agreement

Preamble

Continuing collaboration outside of agreement

Additional CAAP Plus Measures

2 Port Emission
Reduction Programs



1 Off-Port
Infrastructure
Measure



Draft language available at: <https://www.aqmd.gov/portsagreement>

Preamble

- Provides background and purpose of the Proposed Addendum
- Specifies what will be added to current agreement
- Highlights ongoing collaborative work outside of Cooperative Agreement

**ADDENDUM TO
COOPERATIVE AGREEMENT AMONG
THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
THE CITY OF LONG BEACH HARBOR DEPARTMENT AND
THE CITY OF LOS ANGELES HARBOR DEPARTMENT**

This Addendum is dated for reference purposes as of [Date], between and among all Parties to the December 17, 2025 Cooperative Agreement Among the South Coast Air Quality Management District, the City of Long Beach Harbor Department, and the City of Los Angeles Harbor Department (the "Original Agreement").

WHEREAS, the Original Agreement sets forth terms and conditions for the Parties to implement CAAP Plus Measures as specified in Section II.D. and Attachment A, to directly reduce emissions and/or facilitate future quantifiable emission reductions from port-related operations; and

WHEREAS, the Parties have concluded negotiation of additional CAAP Plus Measures pursuant to Section II.D.2. of the Original Agreement, to complement the CAAP Plus Measure – Port Zero-Emission Infrastructure Plans – as included in the Original Agreement; and

WHEREAS, the Parties jointly determined that: 1) Any additional CAAP Plus Measure must include enforceable commitments for the applicable Party(ies) to take specific action(s) that will result in and/or facilitate port emission reductions; 2) The applicable Party(ies) must have a clear role in controlling completion of the specified action(s); 3) Other Party(ies) must have a clear role for monitoring implementation of specific action(s) by the applicable Party(ies); 4) The specified action(s) must be able to be implemented within the term of the Original Agreement; and 5) Public engagement opportunities must be provided during measure implementation; and

WHEREAS, each City implements a variety of activities in the interest of facilitating future emission reductions from port-related operations. Assessments and technical studies are conducted to increase knowledge and understanding of emission reduction opportunities, demonstration and pilot projects are implemented to evaluate the application and performance of technologies within particular port-related operations, plans are prepared to guide future activities, and forecasts and projections are developed to evaluate potential future conditions. Concurrent with activities conducted through the term of the Original Agreement, each City will, through a public process, continue to develop and implement activities that support emission reductions including development of a Clean Marine Fuel Assessment, releasing a solicitation for a Clean Marine Fuel Pilot Project,

Ports' Ongoing Commitments Outside of Cooperative Agreement – OGV Examples



Clean Marine Fuels Assessment

- In support of Green Shipping Corridors, evaluate clean marine fuels, supply and demand, and infrastructure gaps

Clean Marine Fuels Pilot Project

- Release a solicitation and if qualified proposals are received, conduct a project to demonstrate clean marine fueling operations in San Pedro Bay

Study of Vessel Emissions at Low Speeds

- Evaluate emission performance at different speeds for vessels calling at San Pedro Bay Ports to inform potential enhancements to existing programs

- *South Coast AQMD and the Ports will continue to work together on various air quality programs and activities*
- *Updates will be provided through regular CAAP Meetings and other public processes conducted by the Ports*

Ports' Ongoing Commitments Outside of Cooperative Agreement – Truck & CHE Examples

Clean Truck Fund Rate Spending Plan

- Regular reevaluation of investing Clean Truck Fund Rate revenues to support and accelerate transition to ZE trucks serving the ports



ZE CHE Deployment Projection

- Cooperate with tenants to identify anticipated ZE equipment procurement schedules, cost estimates, and funding needs



- *South Coast AQMD and the Ports will continue to work together on various air quality programs and activities*
- *Updates will be provided through regular CAAP Meetings and other public processes conducted by the Ports*

Overview of Proposed Draft Measures

Port Emission Reduction Programs



Enhanced Clean Ship
Incentives



Zero Emission Truck
Utilization Incentive

Off-Port Measure



Regional Off-
Port Truck
Charging and
Fueling
Infrastructure



Port Emission Reduction Program: *Enhanced Clean Ship Incentives*



Measure Action

- **Develop and implement enhancements to existing clean ship incentives to increase program participation**



Key Concepts

- Align incentives with updated global clean ship ranking system (ESI 2.0)
 - ESI 2.0 finalization anticipated early 2027
- Potential additional “plus-up” incentives for cleanest vessels



Key Date

Approval by Port Boards no later than 12 months after ESI 2.0 approval



Port Emission Reduction Program: *Zero Emission Truck Utilization Incentive*



Measure Action

- **Develop and implement a new incentive program to encourage the use of ZE drayage trucks serving ports**



Key Concepts

- Incentives to be based on specific truck utilization metrics (e.g., per truck trip to port terminal)



Key Date

Approved by Port Boards by February 28, 2027

Key Components of Draft Measures



Overview and Responsibilities

- Measure concept
- Roles for each party



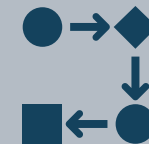
Transparency in Implementation

- Tracking metrics
- Public reporting



Requirements for Measure Implementation

- Steps, timeline, and considerations
- Public review process



Potential Course Correction

- Time extension
- Program evaluation
- Enforcement provisions



Regional Off-Port Truck Charging and Fueling Infrastructure Measure



Measure Action

- **Allocate money to South Coast AQMD to fund development of ZE infrastructure for drayage trucks outside of the ports**



Key Concepts

- Ports to provide \$40 million (\$20 million each)
- South Coast AQMD to manage fund allocation and awarded projects
- Each Port to develop a subsequent MOU with South Coast AQMD on administrative details



Key Date

Final MOUs brought for respective Board approvals by February 28, 2027

Key Components of Draft Measure



Key MOU Contents

- Public process to inform spending of funds
- Reporting on projects funded
- Eligibility and key evaluation criteria for proposed project



Other Components

- Public process for MOU development
- Cost recovery for fund and project management by South Coast AQMD

Next Steps

South Coast AQMD

May

- Mobile Source Committee – May 15, 2026
- Office Hours – May 19, 2026

June

- Public Meeting – tentatively June 16, 2026
- Mobile Source Committee – June 26, 2026

July

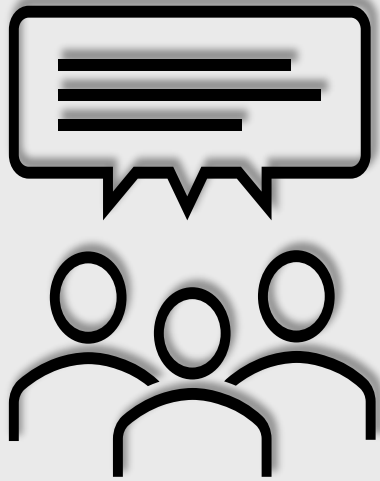
- Release Public Hearing Package

Ongoing negotiations & stakeholder engagement on new measures

Board Consideration

New Date → August 2026

Additional Questions or Comments?



South Coast AQMD and the Ports welcome comments on the proposed measures to complement the Cooperative Agreement

Request comments on draft Proposed Addendum be submitted no later than **May 29, 2026** to:

ports_comments@aqmd.gov

For more information, visit:

<https://www.aqmd.gov/portsagreement>

