

# Notice of Public Workshop on Updates to Ocean-Going Vessels and Cargo Handling Equipment Emissions Inventories

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The California Air Resources Board (CARB or Board) staff invites you to participate in a public workshop on Wednesday, September 22, 2021 to discuss updates to the California Ocean-Going Vessels (OGV) and Cargo Handling Equipment (CHE) emissions inventories. The purpose of this workshop is to update stakeholders on the methodology and data that are used to develop the inventories, and present the resulting emissions both at California ports and railyards, and also out to 100 nautical miles from the coast for OGV.

Date: September 22, 2021

Time: 1:00 to 3:30 PM PDT

Location: Webinar only

This meeting will be conducted through the GoToWebinar online webinar system and questions from participants will be taken using the webinar software.

## How to Participate

Please register for the 2021 California Ocean-Going Vessels Emissions Inventory Workshop Webinar before September 22:

[Register](#)

After registering, you will receive a confirmation email with information about joining the webinar. Please note that your registration information is a public record and, if no exemptions from disclosure apply, may be subject to disclosure if a member of the public submits a request for these public records under the California Public Records Act ([California](#)

[Government Code, sections 6250-6276.48](#)). To the extent feasible, we encourage registrants to use their business email addresses, not personal email addresses. The workshop materials will be posted in advance of the workshop online on the [Mobile Source Workshops webpage](#).

## Background

The OGV sector is a critical component of California's economy, and expected to be one of the largest emissions sources in the near future. The new emissions inventory is an update to the data sources, methodology, activity, emissions rates, and resulting emissions from ocean-going vessels. The updated OGV inventory was developed using data from the most recent Automatic Identification System (AIS) transponder records in 2020, emissions factors from the recent U.S. EPA emissions inventory, proposed engine loads from the Vessel Boarding Program at the Ports of Los Angeles and Long Beach, vessel registry information from 2020 IHS records, 2019 CARB At-Berth Compliance reporting, and a few more sources. The updated inventory captures the many years of collective efforts from many agencies including regulatory and incentive programs that have helped achieve lower emissions, cleaner engines and fuels, and vessel speed reduction zones since 2014.

Cargo Handling Equipment is used both in ports and rail yards to facilitate the movement of containers. The new emissions inventory is an update to the activity and emissions rates from these ports and rail yards. New updates include additional fuel types, including gasoline, propane and electric equipment in the inventory. The updated CHE inventory was developed using information embedded in the most recent emission inventories from Port of Los Angeles, Port of Long Beach, and Port of Oakland. Data for smaller ports and railyards was obtained from CARB's reporting data.

## Comments

To submit written comments on the Draft 2021 California Cargo Handling Equipment emissions inventory, please email them to [Elizabeth Mazmanian](#). To submit written comments on the Draft 2021 California Ocean-Going Vessels emissions inventory, please email them to [Nancy Bui](#). Please submit all written comments by October 13, 2021.

This public workshop is intended to allow public comment and review of the data sources and methodology prior to the final release of these two emissions inventories in December 2021. If you have questions about the meeting purpose, scope and logistics, please contact [Nancy Bui](#).

Please [join the MSEI email list](#) to stay informed of future developments or public webinars.

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Consistent with applicable laws, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the meeting;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.

To request these special accommodations or language needs, please contact [Nancy Bui](#) as soon as possible, but no later than two business days before the scheduled meeting.

TTY/TTD/Speech to Speech users may dial 711 for the California Relay Service.