



# Carl Moyer Program Overview

South Coast Air Quality Management District

2021

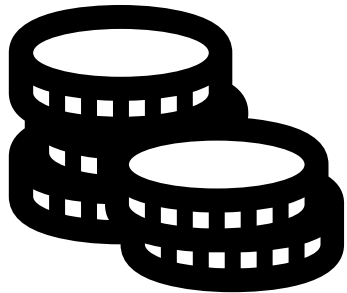
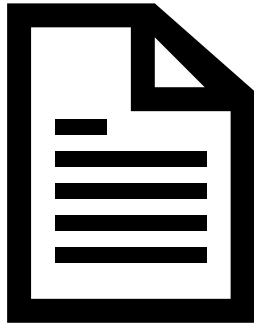


# Overview Topics

- What is the Carl Moyer Program?
- Is my project eligible?
- How are projects selected for funding?
- How do I receive the grant payment?
- How do I apply?



# Carl Moyer Program



- A voluntary grant program
- Targeting the replacement of older, heavy-duty diesel vehicles and equipment
- Accelerates the commercialization of the cleanest technologies available
- Reduces air pollution in disadvantaged and low-income communities

# Carl Moyer Program – Key Goals

Surplus  
Emission  
Reductions

Cost-Effective  
(at or below  
\$30,000/ton)

Cleanest  
Available  
Technology

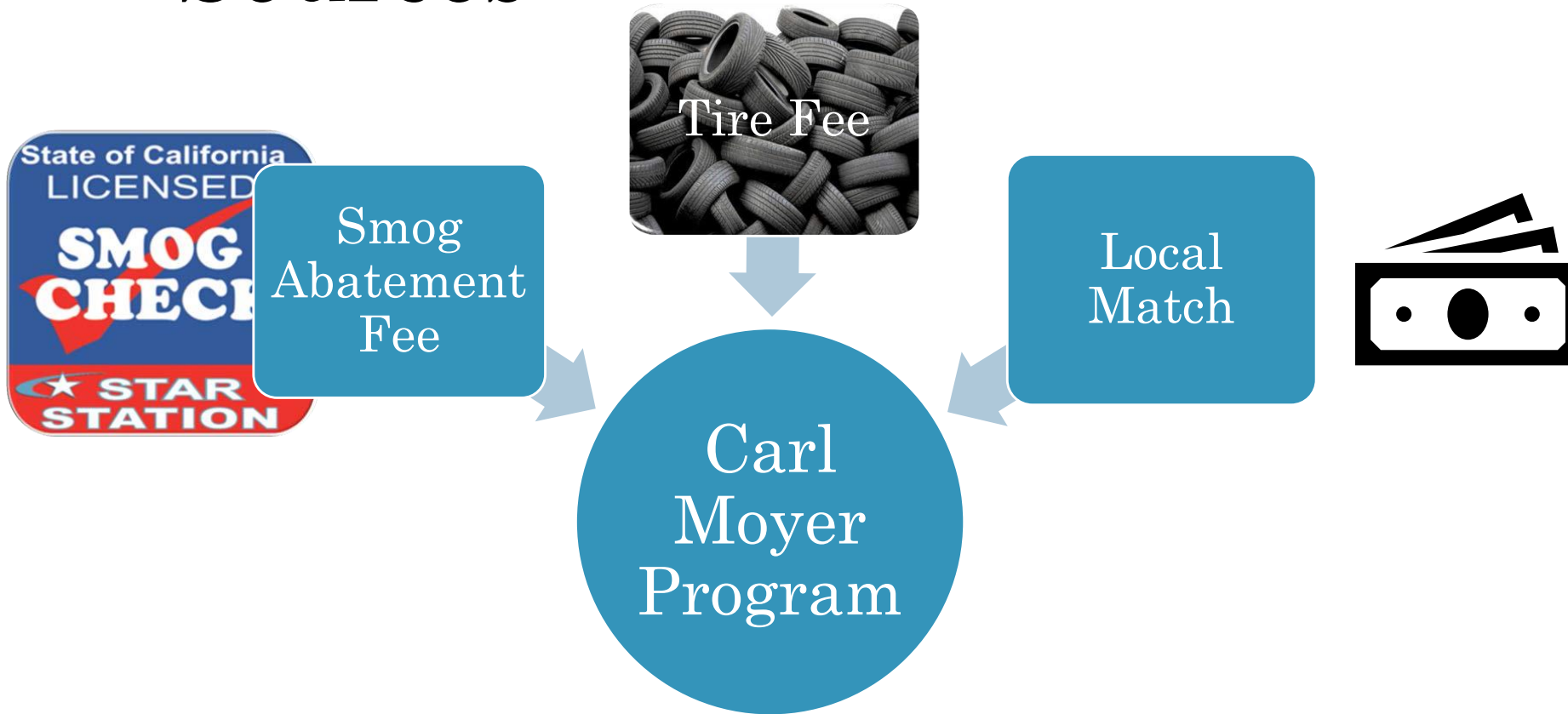


# Key Program Updates and Reminders for 2021

- Compliance with Labor Laws and Other Applicable Laws
- Updates to Commercial Harbor Craft Regulation
- Tax Information (1099 and tax obligations)
- Importance of Contract Execution Status
- Inspections



# Carl Moyer Program – Funding Sources



Annual Funding Approximately  
\$30 Million per Year

# Carl Moyer Program – Eligible Projects

- Off-Road Projects Include:
  - Construction Equipment
  - Agricultural Equipment
  - Cargo Handling Equipment
  - Marine Engine Repower
  - Locomotive
  - Ship-Side Shore Power



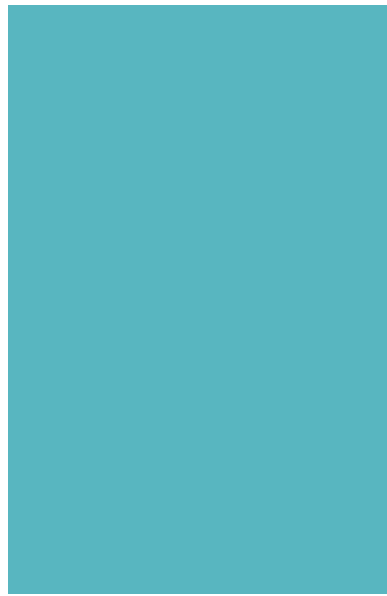


# Carl Moyer Program – Eligible Projects (Cont'd)

- On-Road Projects Include:
  - Trucks (drayage and other)
  - Transit buses
  - Solid waste
  - Public agency/utility vehicles
  - Emergency vehicles (e.g., fire apparatus)

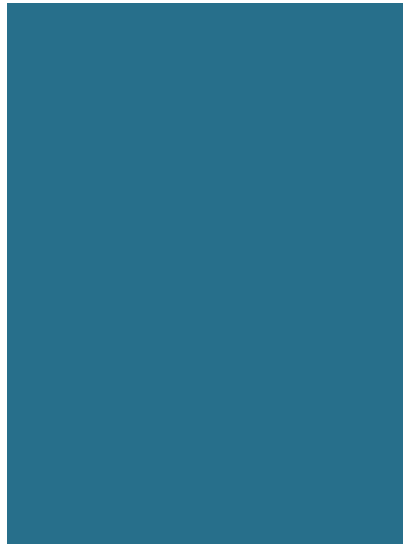






## Carl Moyer Program – Eligible Projects (Cont'd)

- Infrastructure
  - New Project Category
  - Electric chargers
  - Alternative fueling stations for zero-emission and NZE vehicles



# Project Types

## Replacement

Replacement of an older, high-polluting vehicle/equipment with a newer, cleaner one

## Repower

Replacement of an in-use engine with a new, cleaner engine

## Retrofit

Installation of CARB-verified emission control device for an in-use engine, vehicle or piece of equipment

Voucher Incentive Program (VIP) – For smaller fleets of 1-10 trucks only ([www.aqmd.gov/vip](http://www.aqmd.gov/vip))

- Streamlined process where a voucher is issued for replacement of an on-road heavy-duty truck with a cleaner model

# Is My Project Eligible?

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## Key Points:

Fleets subject to an in-use CARB regulation must provide documentation that demonstrates compliance with that regulation

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The emission reductions from your project may not be used for regulatory compliance

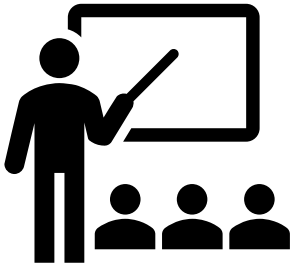
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Minimum 75% operation in the South Coast AQMD jurisdiction

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Repower and replacement projects must achieve at least a 15% NO<sub>x</sub> reduction

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# How are Projects Selected for Funding?

All projects must meet the applicable cost-effectiveness limit

## Disadvantaged and Low-Income Communities

- Carl Moyer Program (SB 1107) – <50% of Program funds
- Community Air Protection (CAP) - prioritize projects in AB 617 communities

All projects will be evaluated for benefits to disadvantaged and low-income communities

Remaining projects will compete based on cost-effectiveness

# Cost-Effectiveness

## “Step 1” Cost-Effectiveness Limit

- \$30,000/ton of weighted emissions reduced
- Applies to projects that bring engines to current standards

## “Step 2” Cost-Effectiveness Limit

- \$100,000/ton of weighted emissions reduced beyond those achieved by the current emission standards

# What's Next? Inspections!

Pre-Inspection	Post-Inspection	Pre-Dismantle Inspection	Dismantle / Salvage Inspection
<p>Existing vehicle or equipment MUST be pre-inspected</p> <p>--</p> <p>Verify the existing equipment is fully operational</p> <p>--</p> <p>Engine and chassis tags are clearly legible with working meter/odometer</p>	<p>For all projects Must be conducted prior to payment of an invoice</p> <p>--</p> <p>The post-inspection verifies the new equipment meets program requirements</p>	<p>On-Road Projects Only</p> <p>--</p> <p>South Coast AQMD-approved dismantler</p> <p>--</p> <p>Verify the vehicle is in same condition and has not been stripped of parts</p>	<p>For all projects</p> <p>--</p> <p>Salvage inspection is completed by South Coast AQMD</p> <p>--</p> <p>Notification to South Coast AQMD in writing upon delivery to dismantler</p> <p>--</p> <p>South Coast AQMD to verify the destruction per Carl Moyer Program Guidelines</p>



# What's Next? Annual Reporting



South Coast Air Quality Management District  
Carl Moyer Program

## Annual Report Form

CONTRACTOR NAME: \_\_\_\_\_ SCAQMD CONTRACT #: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ EMAIL: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 REPORTING PERIOD (MM/DD/YYYY to MM/DD/YYYY): \_\_\_\_\_

Equipment ID#	Location of Equipment (City & Zip)	% of Time SCAQMD Boundaries	For <u>ON-ROAD</u> Equipment - Use ODOMETER For <u>OFF-ROAD</u> Equipment - Use HOUR METER				CALCULATED USAGE ENDING - BEGINNING Readings
			BEGINNING Date	READING	ENDING Date	READING	

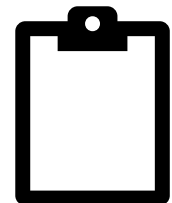
Number of miles driven / hours operated

Please describe any major repairs, maintenance, unforeseen circumstances or problems that significantly affected the operation of the equipment(s):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I, the undersigned, certify that the above information is true and correct.  
 PRINT NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

Sign and date

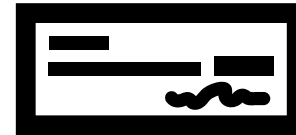
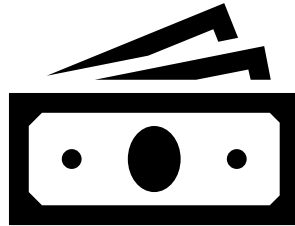
- Annual reports are **MANDATORY** for the life of the project
- Failure to report can result in the following:
  - Legal action to recover all or part of the funding provided by the Carl Moyer Program
  - “Grantees that have not submitted complete required reports will not be granted funds for new Moyer Program projects until all reports are satisfactorily submitted.” (2017 CMP Guidelines, Chapter 3, page 3-37)
  - Annual report template provided in the Contract ???



# How Do I Receive the Grant Payment?

After Project Completion

- Contact the Project Officer



Reimbursement

- If paid in full, South Coast AQMD will reimburse payment to Contractor (you)
- If financed, South Coast AQMD will pay the principle of the loan first; remaining amount will be reimbursed to Contractor

Documentation

- Invoice to South Coast AQMD
- Sales Invoice
- Financing documents
- Proof of payment including copies of checks, wire transfers, etc.

# How Do I Apply?

- UPDATE: Only applications submitted online will be considered!
- Paper Applications will no longer be accepted!
- No faxes or email will be accepted!
- Deadline to submit: **Tuesday, June 1, 2021 at 1PM**
- No Exceptions!





## Online Carl Moyer and SOON Application

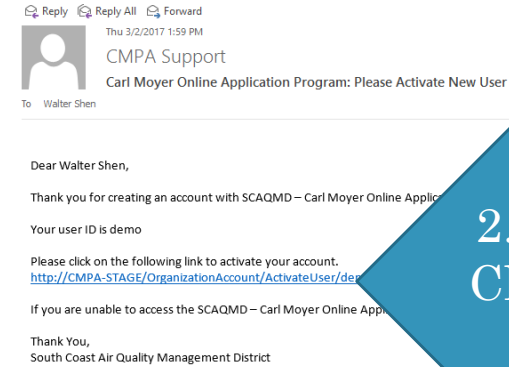
**Account Login**  
Returning User? Please log in.

Username   
Password

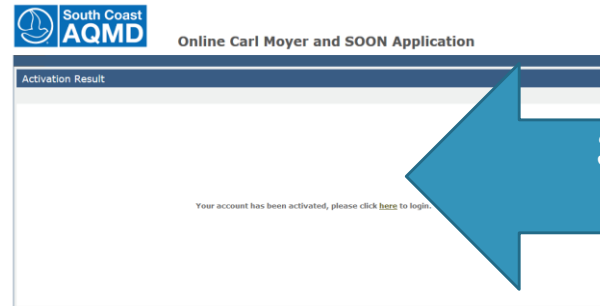
**Log In**  
[Forgot Username](#)  
[Forgot Password](#)

**[New User? Please create an account.](#)**

1. For New Accounts,  
Click Here



2. Email Verification –  
Click Here to Complete  
Registration



3. Registration  
Complete!

# How Do I Apply Online? Register!



Log Off

Welcome **Walter Shen!**

## How to Create a Carl Moyer and SOON Application

1. Create New Proposal

- Proposal
  - Create New Carl Moyer or SOON Proposal
  - View Queue
  - Authorize Third Party
  - Update Third Party

2. Select Project Category

**Project category**  
What kind of project would you like to apply for?

**On Road**

- On-Road Heavy-Duty Equipment - Repower Only
- Emergency Equipment (Fire Apparatus) - New Only
- On-Road Heavy-Duty Vehicle Replacement

**Off Road (including Farm Equipment, SOON, and Zero-Emission Cargo Handling Equipment)**

- Off-Road Equipment Replacement
- Off-Road Equipment Repower
- Off-Road Equipment Retrofit
- Cargo Handling Equipment Electrification

**Locomotive**

- Locomotive Engine Repower
- Locomotive Replacement
- Head End Power (HEP) Unit

**Infrastructure**

- Infrastructure

**Marine**

- Marine Vessels - Repower
- Marine Vessels - Shore Power

Cancel Save & Continue Save

3. Enter Project Info

**Existing Equipment Information**

Are you applying under the Carl Moyer Program or the Surplus Off-Road Opt-in NOx Program?

Has this equipment received Carl Moyer Program funds in the past?  Yes  No

For Large Fleets Only - have you received Carl Moyer funding after January 1, 2017?  Yes  No

What is the primary function of this equipment?

Is the vehicle location address the same as the applicant address?  Yes  No

Street address (No PO Box please - if street address not available, please enter the nearest intersection)

County  State

If Other please specify  Equipment Category

Zip  Equipment Type

If other equipment type, please describe

# How Do I Apply Online? Create Proposal!

from its funded projects. (I also understand that there is no double counting or splitting of emission reductions if I receive additional incentive funding.)

I understand that a tamper proof, non-resettable digital hour meter/odometer must be installed on all vehicles/equipment and that the digital hour meter/odometer will record the hours/miles accumulated within the SCAQMD boundaries. This cost is my responsibility.

I understand that any tax credits claimed must be deducted from the CMP request.  
Please check one:

I do not plan to claim a tax credit or deduction for costs funded by the CMP.

I do plan to claim a tax credit or deduction for costs funded by the CMP.

If so please indicate amount here: \$:

I plan to claim a tax credit or deduction only for the portion of incremental costs not funded by the CMP.

If so please indicate amount here: \$:

I have checked this box to indicate that there are no potential conflicts of interest with other clients affected by actions performed by the firm on behalf of the SCAQMD. If I have not checked this box, I have attached a description to this application of the potential conflict of interest, which will be screened on a case-by-case basis by the SCAQMD District Counsel's Office.

I understand and certify that I am currently in compliance with all federal, state and local air quality rules and regulations at the time of application submittal, and I am not aware of any outstanding or pending enforcement actions.

By signing below, I certify under penalty of perjury that the information provided in this application is accurate and true.  
Please use your mouse to sign above the line

**SIGN HERE** →

Please enter the name of the signing authority (first and last name)

Please enter the organization user to submit as:  
Please Select a User

Please enter the proposal submission date:

[Previous Page](#) [Sign & Submit](#) [Exit](#)

1. Read and Check All Boxes

2. Sign with Mouse

3. Click Sign & Submit

Reply Reply All Forward  
 Thu 3/1/2018 10:14 AM  
 CMPA Support  
 Proposal (20CMP7 - CHETEST) Is submitted

To: Walter Shen  
 We removed extra line breaks from this message.

Message: LOECH\_Application\_20CMP7\_03012018\_101427.pdf (393 KB)

4. Email Confirmation of Submission

Thank you for submitting your proposal for funding. Your project ID for this proposal is 20CMP7.

Your proposal will now be reviewed for completeness and eligibility.

Please see the list below for the contact assigned to your project category.

Off-Road (Walter Shen – [wshen@aqmd.gov](mailto:wshen@aqmd.gov))  
 Cargo Handling Equipment (Greg Ushijima – [gushijima@aqmd.gov](mailto:gushijima@aqmd.gov)) On-Road (Mei Wang – [mwang@aqmd.gov](mailto:mwang@aqmd.gov)) Locomotives (Walter Shen – [wshen@aqmd.gov](mailto:wshen@aqmd.gov))  
 Marine (Mark Coleman – [mcoleman@aqmd.gov](mailto:mcoleman@aqmd.gov)) Shore Power (Greg Ushijima – [gushijima@aqmd.gov](mailto:gushijima@aqmd.gov)) Infrastructure (George Wu – [gwu@aqmd.gov](mailto:gwu@aqmd.gov))

A PDF version of this proposal can be viewed at: <http://CMPA-STAGE/>

IMPORTANT: NO equipment is to be ordered and NO work is to begin until you have a fully executed Grant Agreement in place and Air District staff has successfully conducted a pre-project inspection of your equipment. No costs or financial commitments (e.g. purchase order) associated with the project that were incurred or undertaken before the date of execution of the Grant Agreement will be accepted by the Air District. This message is not a guarantee of funding. Please note that only a fully executed Grant Agreement constitutes an obligation for the Air District to fund a project.

Thank You,  
 South Coast Air Quality Management District

# How Do I Apply Online? Submit Proposal!



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# Useful Tips:

Please have all your information available prior to accessing the OAP

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Convert all documents to PDF – the Online Application Program **will only accept PDF format**

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DO NOT leave any field blank – if not applicable, please write “NA” or “0”

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Please enter additional engine/equipment **within each proposal!**

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You will now be required to upload documents prior to submitting your proposal!

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# How Do I Apply Online? Useful Tips

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Carl Moyer Program  
Guidelines

<https://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>

South Coast AQMD Carl Moyer  
Program

[www.aqmd.gov/moyer](http://www.aqmd.gov/moyer)

Carl Moyer Program Online  
Application System

<https://carlmoyeronline.aqmd.gov>

Questions? Email us at:

[carlmoyer@aqmd.gov](mailto:carlmoyer@aqmd.gov)

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# APPLICATION DEADLINE

**TUESDAY JUNE 1, 2021 AT 1PM**

**APPLY ONLINE:**

<https://carlmoyeronline.aqmd.gov/>

# Contact Information

Walter Shen

(909) 396-2487

[wshen@aqmd.gov](mailto:wshen@aqmd.gov)

Please direct general questions to:

[carlmoyer@aqmd.gov](mailto:carlmoyer@aqmd.gov)