

# AB 617 COMMUNITIES WORK PLAN FOR HEAVY- DUTY TRUCKS

3<sup>RD</sup> WORKSHOP

WALTER SHEN

PLANNING & RULES  
MANAGER



South Coast  
AQMD

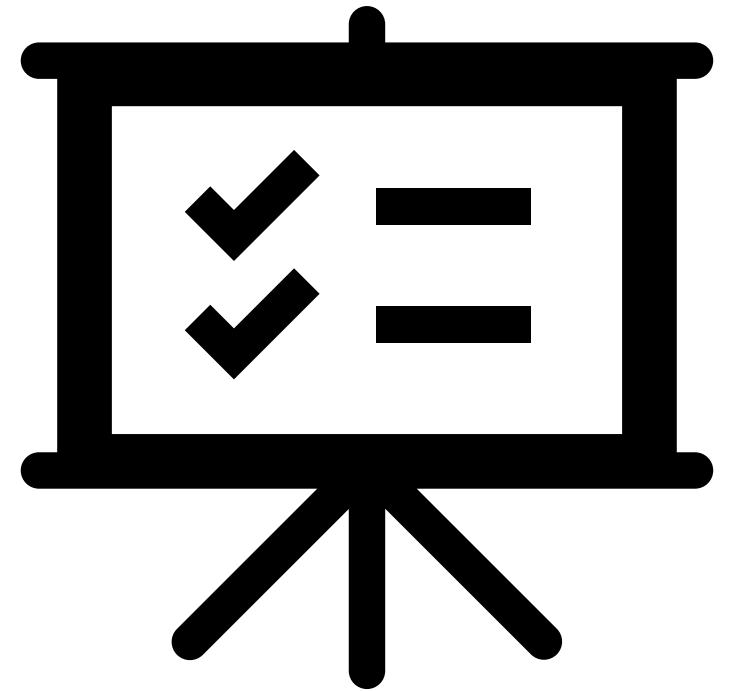


# WORKSHOP OBJECTIVES TODAY

## Agenda

- Announcements
- Introduction/Purpose
- Recap/Background
- Review Work Plan
- Discussion

Today's Goal  
Review Elements of  
Truck Incentives  
Work Plan





# ANNOUNCEMENTS

# Incentive Program Advisory Group (IPAG)

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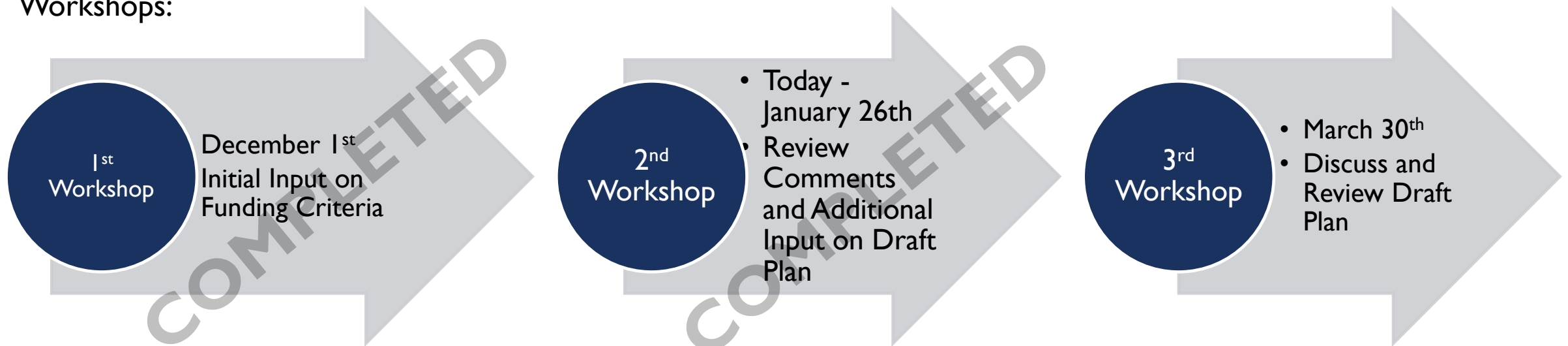
- Public process to further accelerate zero-emission vehicle (ZEV) and equity work in Moyer On-Road Voucher Incentive Program (VIP)
  - Address key issues: Small Fleets, Environmental Justice, and Infrastructure
- Board Member Panel
  - Vice Chair Sandra Berg - IPAG Lead
  - Board Members Davina Hurt & Gideon Kracov - Workgroup leads
- 1<sup>st</sup> IPAG Meeting: April 20, 2022; Final meeting tentatively scheduled for November 2022
- IPAG website: <https://ww2.arb.ca.gov/our-work/programs/vip-ipag>

# WHY ARE WE HERE?

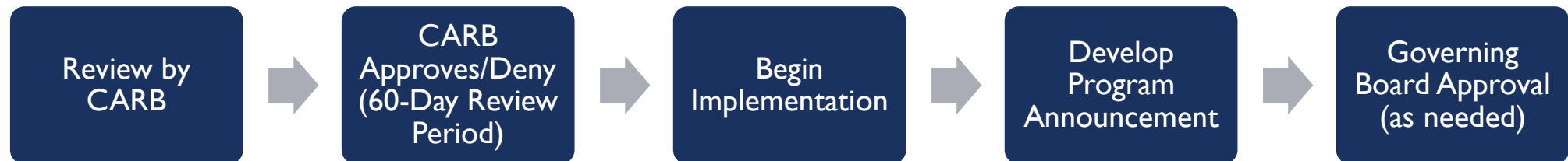
- CERPs Focus on Reducing Truck Emissions (e.g., cleaner technologies)
- AB 617 Communities Requested Improved Access to Incentives
- Develop Truck Project Plan

# PROJECT PLAN PROCESS

## Workshops:



## Administrative Process:



# WHAT'S THE NEXT STEP?

Draft Truck  
Incentives  
Work Plan

- **(Today) Review Draft Work Plan**
- **2-Week Comment Period**

Submit Plan  
for ARB  
Review

- **60-Day Review Period**

Set up  
Focus  
Groups

- **Collaborate on Implementation Process**
- **Comments & Further Input**

# WORKSHOP RECAP AND UPDATES

## 1<sup>st</sup> Workshop

- Background of AB 617 and challenges of incentives
- Provided insight on ZE trucks and cost comparisons

## 2<sup>nd</sup> Workshop

- Loaner Program Concept
- Developed as option due to program limitations
- Currently in discussions with local business/entities
- Survey – Launched on January 6<sup>th</sup> and 19<sup>th</sup>



# CSC – ALLOCATED INCENTIVE FUNDS FOR TRUCKS

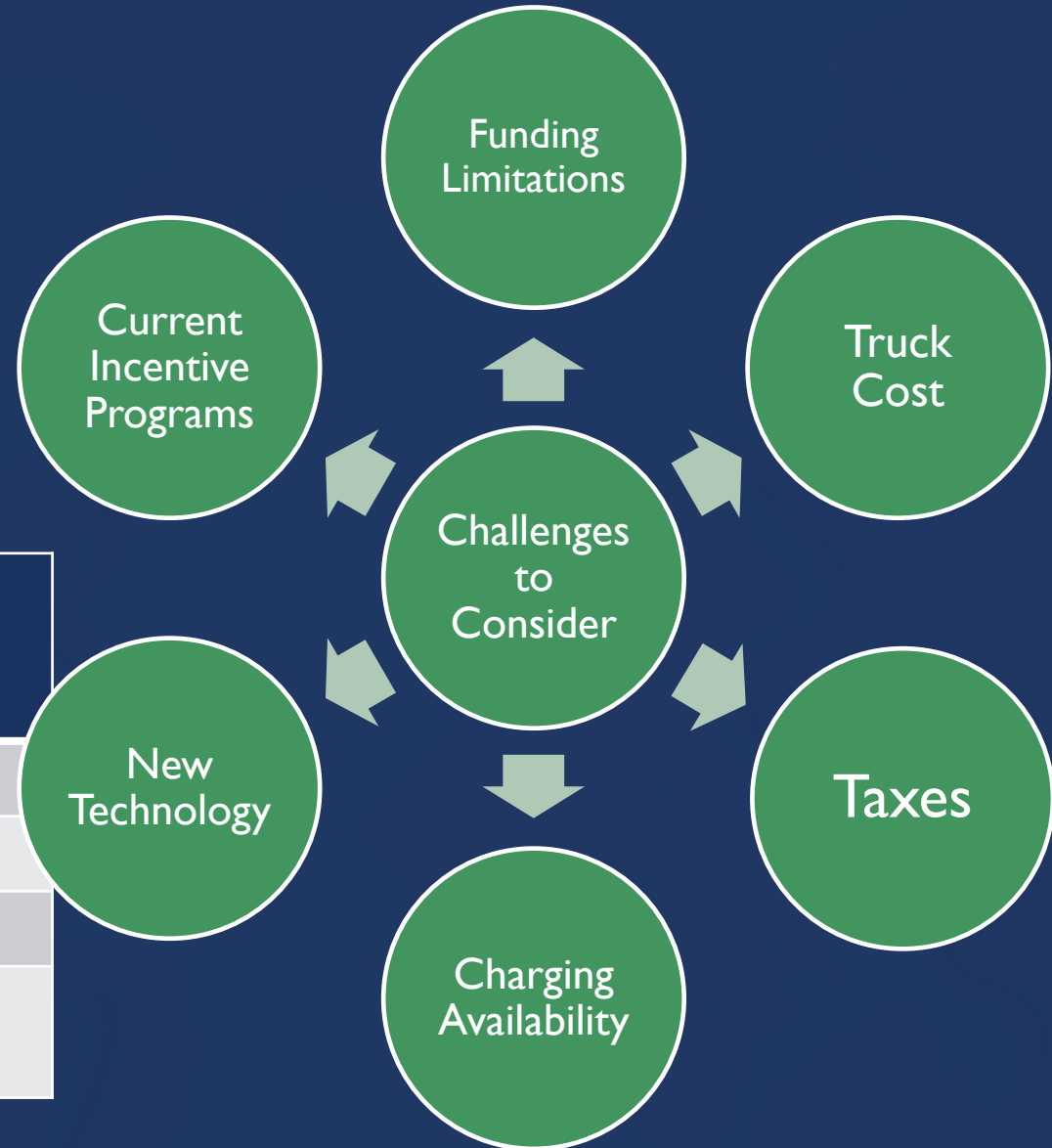
- Cleaner trucks, particularly zero emission trucks, have been identified as an investment priority for the following communities:

Community	Project Type	Year 3 CAPP Incentives Allocation
ELABHWC	ZE Trucks	\$1.84M
SELA	ZE Trucks	\$5M
SBM	ZE Trucks	\$5M
WCWLB	NZE/ZE Trucks	\$2.75M

- In October 2020, CARB updated the CAPP incentives guidelines to include community-identified projects

# WORK PLAN AND CHALLENGES

Community	Project Type	Year 3 CAPP Incentives Allocation
ELABHWC	ZE Trucks	\$1.84M
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# SURVEY RESULTS

## Respondents

55% from  
Wilmington  
Community

Followed by  
SBM and SELA

## Truck Class

Mostly Class 8  
Trucks (53%)

Class 4 (24%)

## Challenges with ZE or Low-NOx Trucks (Extremely Important)

Reliability  
(81%)

Purchase Cost  
(83%)

Performance /  
Range (71%)

## Barriers with Implementation (Extreme Barrier)

Charge  
Availability  
(77%)

Purchase Price  
Too High  
(67%)

Driving Range  
(53%)

## Technology

Zero-Emission  
(25%)

Low-NOx  
(13%)

All of the  
Above (21%)

None of the  
Above (41%)

## Loaner Program?

Yes/Maybe  
(77%)

No (23%)



# TRUCK INCENTIVES WORK PLAN: REQUIRED ELEMENTS

- **Project-Identification**
- **Community Support**
- **Participant Requirements**
- **Funding Amounts**
- **Project Selection**
- **Reporting**
- **Inspection Requirements**

# AB 617 TRUCK INCENTIVES WORK PLAN



## **Project Identification**

Focus on Small Fleet Owners

Projects to replace older, diesel for new ZE or NZE trucks



## **Community Support**

Outreach

Decision-Making Process

# AB 617 TRUCK INCENTIVES WORK PLAN (CONT'D)

## Participant Requirements

- Clean Technology Truck Loaner Program
- AB 617 Truck Incentive Program

## Funding Amounts

- Clean Technology Truck Loaner
  - Lease/Rental Costs, Insurance Fees, Infrastructure Charge Fees, Training, etc.
- AB 617 Truck Incentive Program
  - Funding for Eligible ZE and NZE Truck Projects (including Fed, State and Local Taxes, Shipping/Delivery Fees)

## Project Selection

- Based Upon Support in Meeting AB 617 CERP Goals/Objectives
- If Applications Received Beyond Available Funds – Project List (with CSC Feedback)

# AB 617 TRUCK INCENTIVES WORK PLAN (CONT'D)

## Reporting Requirements

- **Collect and report info on projects funded under the AB 617 Truck Incentives Workplan**
- **South Coast AQMD Requirements**
- **Participant Requirements**

## Emission Reduction Benefits

- **Quantification – 2017 Carl Moyer Guideline Appx C Methodologies**
- **Emission Reductions – to be credited towards CERP Emission Reduction Targets highlighted in Chapter 5a**

## Qualitative Benefits

- **Improving overall air quality to AB 617 and surrounding communities**
- **Minimizing community exposure to pollutants and diesel fumes**
- **Cost-savings on fuel and maintenance**
- **Positive economic impact**
- **Accessibility to new truck technologies**





# DISCUSSION



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# USEFUL LINKS/CONTACT INFO

Community Air Protection Incentives 2019 Guidelines: (see Chapter 6 for Community-Identified Projects)

[ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives](http://ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives)

Link to CARB-approved Project Plans:

[ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives/stationary-source-and-community-identified](http://ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives/stationary-source-and-community-identified)

South Coast AQMD website for Community Air Protection Incentives:

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

For questions/comments please email us at:

[617truckincentives@aqmd.gov](mailto:617truckincentives@aqmd.gov)