

AB 617 COMMUNITIES WORK PLAN FOR HEAVY- DUTY TRUCKS

3RD WORKSHOP

WALTER SHEN

PLANNING & RULES
MANAGER



South Coast
AQMD

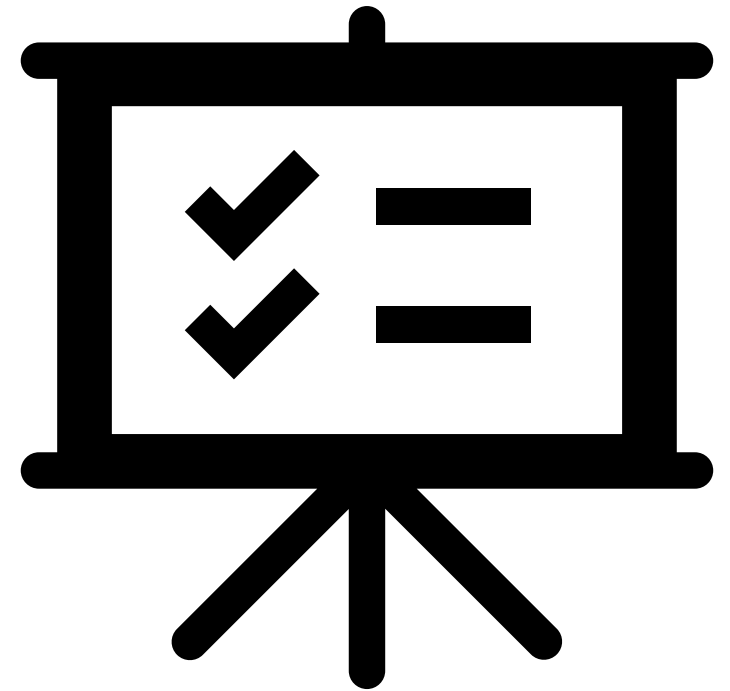


WORKSHOP OBJECTIVES TODAY

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)

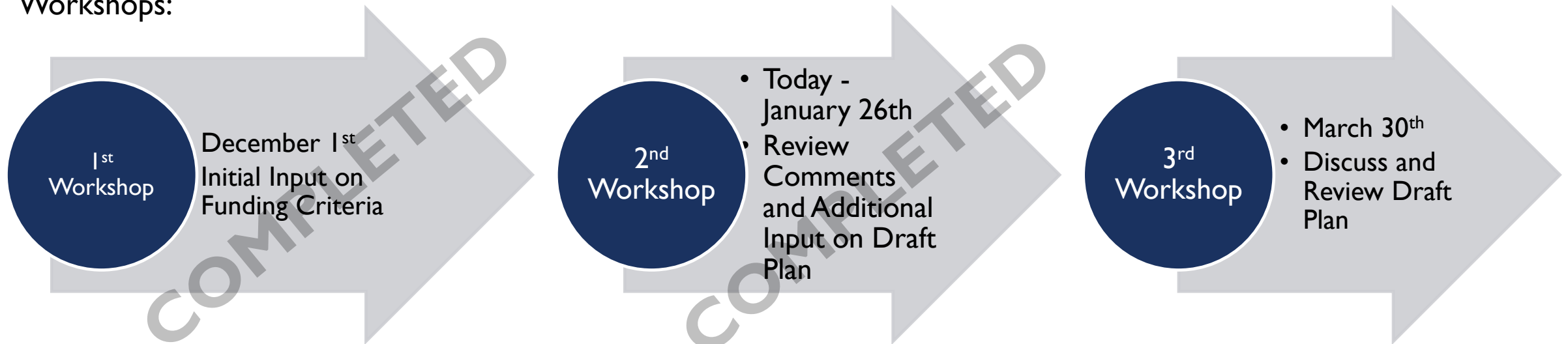
- Public process to further accelerate zero-emission vehicle (ZEV) and equity work in Moyer On-Road Voucher Incentive Program (VIP)
 - Address key issues: Small Fleets, Environmental Justice, and Infrastructure
- Board Member Panel
 - Vice Chair Sandra Berg - IPAG Lead
 - Board Members Davina Hurt & Gideon Kracov - Workgroup leads
- 1st 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?

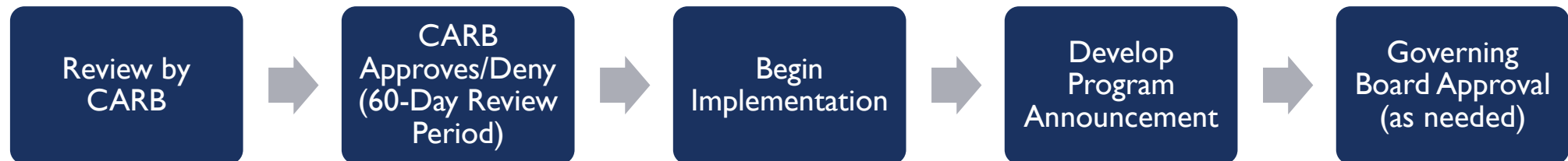
- CERPs Focus on Reducing Truck Emissions (e.g., cleaner technologies)
- AB 617 Communities Requested Improved Access to Incentives
- Develop Truck Project Plan

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

1st Workshop

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

2nd Workshop

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

CSC – ALLOCATED INCENTIVE FUNDS FOR TRUCKS

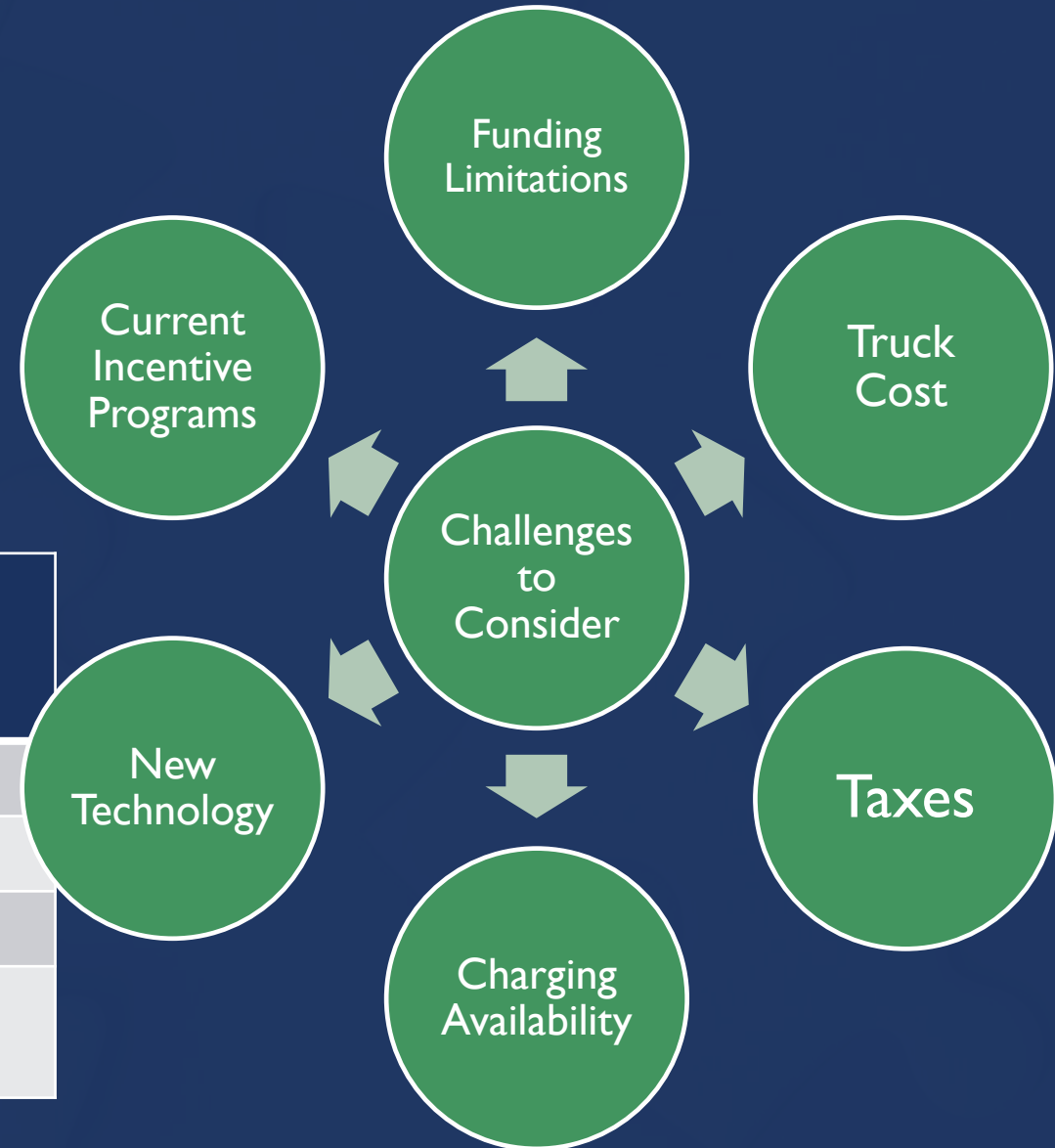
- Cleaner trucks, particularly zero emission trucks, have been identified as an investment priority for the following communities:

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

For questions/comments please email
us at:

617truckincentives@aqmd.gov