

INCENTIVES BUDGET DISCUSSION – COMMUNITY IDENTIFIED PROJECTS

Wilmington, Carson, West Long Beach
April 8, 2021

ASSEMBLY BILL (AB) 617
COMMUNITY AIR INITIATIVES

COMMUNITY EMISSIONS REDUCTION PLAN

WILMINGTON, CARSON,
WEST LONG BEACH

SEPTEMBER 2019
FINAL



SOUTH COAST
AIR QUALITY MANAGEMENT DISTRICT



AGENDA



- Recap of Incentives Budgeting Workshop
- Poll Results
- Distribution of Funds – Discussion & Feedback
- Next Steps



INCENTIVES BUDGET – COMMUNITY IDENTIFIED PROJECTS

NICOLE SILVA
PROGRAM SUPERVISOR



PROJECT FUNDING PROCESS – OVERVIEW



Incentive Strategies Workshop

- Overview of Past CAPP incentives
- Overview of funding across all 5 AB 617 communities

October 15, 2020



Governing Board Meeting

- Recognized Year 3 CAPP incentive funds
- Approved Year 3 CAPP Incentive funds for mobile source and other eligible projects

January 8, 2021



Incentives Budgeting Workshop

- CSC provided input to develop eligible project list supported by WCWLB CERP

February 11, 2021



Incentives Prioritization

- CSC to determine the distribution of CAPP Incentive funds for prioritized projects

Today



Submit funding request to CARB for approval

May 1, 2021

INCENTIVE BUDGETING WORKSHOP RECAP

- Staff held an Incentives Budgeting Workshop at the February 11th CSC meeting
- Staff presented information on available incentive funds (\$5.57 million), examples of incentive projects, and costs
- Staff conducted a poll to identify the CSC's top three priorities for incentive projects

Priority #1

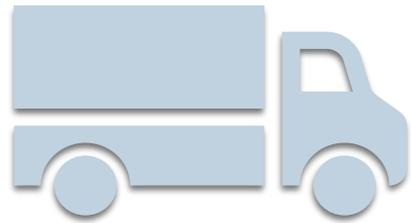
Which project would you rank as your #1 priority?

- Trucks
- Locomotives
- Port Equipment
- Ships or Harbor Craft
- Air Filtration Systems (Schools)
- Air Filtration Systems (Homes)
- Plant Trees (Green Space)

Submit

POLL RESULTS

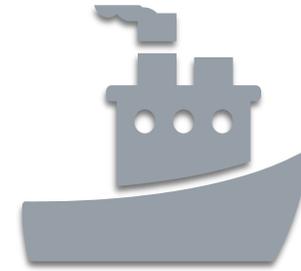
TOP PRIORITIZED PROJECTS



1) Trucks



2) School Air Filtration Systems
and Replacement Filters



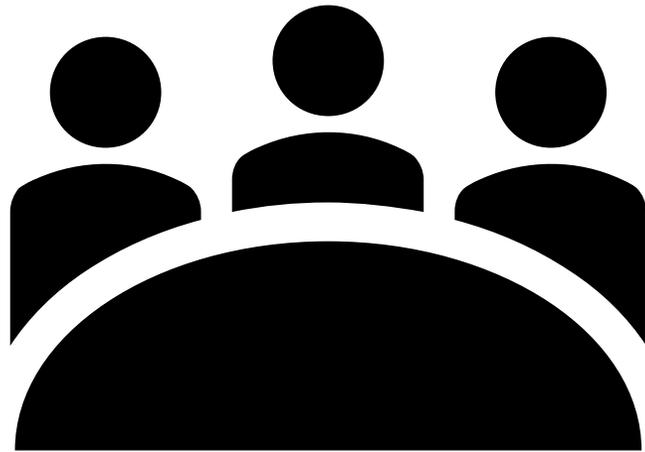
3) Ships or Harbor Craft

- 28 CSC members responded
- Budget details must be finalized by **April 15**

* Final ranks are weighted

QUESTIONS OR COMMENTS?

DISTRIBUTION OF FUNDS



- CSC to provide input and decide how to split funds between the top 3 project types
- Example scenarios will be shown on following slides

OPTION I – EQUAL SPLIT BETWEEN PROJECTS



Option I – Funds to be distributed equally between the three projects

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emission Reductions (tpy)
Trucks	33.3%	\$1,856,667	3 zero-emission yard trucks	1.17 NO _x 0.09 ROG _s
School Air Filtration Systems	33.3%	\$1,856,667	Air filtration system installations at ~11 schools*	Exposure Reduction
Ships or Harbor Craft	33.3%	\$1,856,667	Up to ~19 marine vessel engines repowered**`	1.79 – 34.2 NO _x 0.03 – 0.57 ROG _s

* Project cost varies by school type, school size, and years of maintenance provided

** Project costs and emission reductions vary based on applications

OPTION 2 – RANK-BASED SPLIT BETWEEN PROJECTS



Option 2 – More funding for higher prioritized projects

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emission Reductions (tpy)
Trucks	50%	\$2,785,000	5 zero-emission yard trucks	1.95 NO _x 0.15 ROG _s
School Air Filtration Systems	30%	\$1,671,000	Air filtration system installations at ~10 schools*	Exposure Reductions
Ships or Harbor Craft	20%	\$1,114,000	Up to ~11 marine vessel engines repowered**	1.79 – 19.7 NO _x 0.03 – 0.33 ROG _s

* Project cost varies by school type, school size, and years of maintenance provided

** Project costs and emission reductions vary based on applications

OPTION 3 – PRIORITIZE HIGHEST EMISSION REDUCTION CATEGORY



Option 3 – Majority of funding allocated for projects resulting in most emission reductions

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emission Reductions (tpy)
Ships or Harbor Craft	50%	\$2,785,000	Up to ~29 marine vessel engines repowered*	1.79 – 51.9 NO _x 0.03 – 0.87 ROG _s
School Air Filtration Systems	25%	\$1,392,500	Air filtration system installations at ~8 schools**	Exposure Reductions
Trucks	25%	\$1,392,500	2 zero-emission yard trucks	0.78 NO _x 0.06 ROG _s

* Project costs and emission reductions vary based on applications

** Project cost varies by school type, school size, and years of maintenance provided

OPTION 4 – SPLIT BETWEEN AIR FILTRATION SYSTEMS AND MARINE VESSEL REPOWERING



Option 4 – Split funding equally between school air filtration systems and ships or harbor craft since truck technology may become more cost-effective in the future

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emission Reductions (tpy)
Trucks	0%	\$0	-	-
School Air Filtration Systems	50%	\$2,785,000	Air filtration system installations at ~16 schools*	Exposure Reductions
Ships or Harbor Craft	50%	\$2,785,000	Up to ~29 marine vessel engines repowered**	1.79 – 51.9 NO _x 0.03 – 0.87 ROG _s

* Project cost varies by school type, school size, and years of maintenance provided

** Project costs and emission reductions vary based on applications

OPTION 5 – SPLIT BETWEEN EMISSION REDUCTION PROJECTS



Option 5 – Split funding equally between trucks and ships or harbor craft since program’s focus should be emission reductions

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emission Reductions (tpy)
Trucks	50%	\$2,785,000	5 zero-emission yard trucks	1.95 NO _x 0.15 ROG _s
School Air Filtration Systems	0%	\$0	-	-
Ships or Harbor Craft	50%	\$2,785,000	Up to ~29 marine vessel engines repowered*	1.79 – 51.9 NO _x 0.03 – 0.87 ROG _s

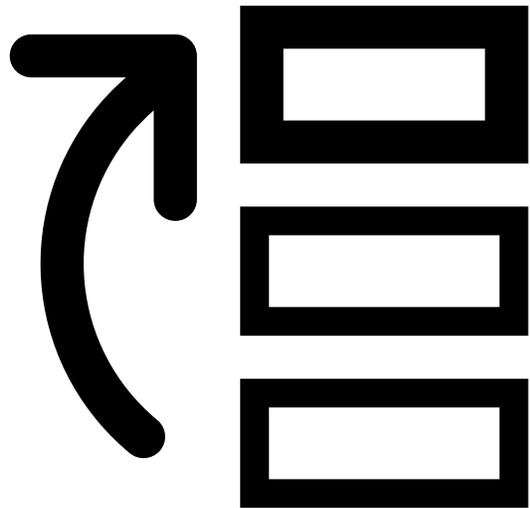
* Project costs and emission reductions vary based on applications

ADDITIONAL CONSIDERATIONS



Prioritize project funding based on other CSC priorities*, for example:

- Zero-emission over near-zero emission
- Small businesses or independent owner-operators
- More readily available technology (e.g., Class 6 vs Class 8 trucks)
- Proximity to emission sources



* Funds not allocated prior to liquidation deadlines for CAPP funds may be released to other incentive projects, (e.g., mobile source projects)

DISCUSSION

- Are there any additional scenarios that you would like to suggest?
- Staff will send a follow-up survey by e-mail for community members unable to participate in today's poll



CSC POLL

Please select the option below that staff should follow for AB 617 grant disbursement (community-identified projects only):

- Option 1 – 33% Trucks, 33% School Air Filtration, 33% Ships or Harbor Craft
- Option 2 – 50% Trucks, 30% School Air Filtration, 20% Ships or Harbor Craft
- Option 3 – 25% Trucks, 25% School Air Filtration, 50% Ships or Harbor Craft
- Option 4 – 0% Trucks, 50% School Air Filtration, 50% Ships or Harbor Craft
- Option 5 – 50% Trucks, 0% School Air Filtration, 50% Ships or Harbor Craft

NEXT STEPS



Finalize Distribution of Funds (April 15, 2021)

- CSC to finalize distribution of CAPP incentives for prioritized projects



Send Grant Request to CARB (May 1, 2021)

- South Coast AQMD sends letter to CARB requesting funds for top 3 project types as selected by the CSC



Outreach

- South Coast AQMD to reach out to community to solicit grant applications



Distribute Funds



QUESTIONS OR COMMENTS?

REMINDERS

Future Announcements

- Newsletters
- Continue CERP implementation

Future Meeting

- Tentatively May 2021 (virtual)
- AQ Priority Updates & Agenda Topics
 - What would you like to hear about?
- Other topics?

SOUTH COAST AQMD CONTACTS: WCWLB



- CERP
Nicole Silva
Program Supervisor
nsilva@aqmd.gov
909-396-3384
- CSC
Ryan Stromar
Senior Public
Information Specialist
rstromar@aqmd.gov
909-396-2637
- CAMP
Payam Pakbin
Program Supervisor
ppakbin@aqmd.gov
909-396-2122