

AB 617 - SELA

SOUTHEAST LOS ANGELES WORKSHOP

VIRTUAL MEETING

MARCH 4, 2021

Gina Triviso

Senior Public Information Specialist



SELA CSC 2021

Member Updates



AB 617 – 2021 COMMUNITY STEERING COMMITTEE SCHEDULE (SELA)

<p>January 28, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>	<p>June 17, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting Time TBD</p>
<p>March 4, 2021</p>	<p>Incentives Budgeting Workshop</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>	<p>September 16, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting Time TBD</p>
<p>April 15, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting Time TBD</p>		

COMMUNITY LIAISON

Southeast Los Angeles (SELA)

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INCENTIVES BUDGETING WORKSHOP

SOUTHEAST LOS ANGELES WORKSHOP
MARCH 4, 2021



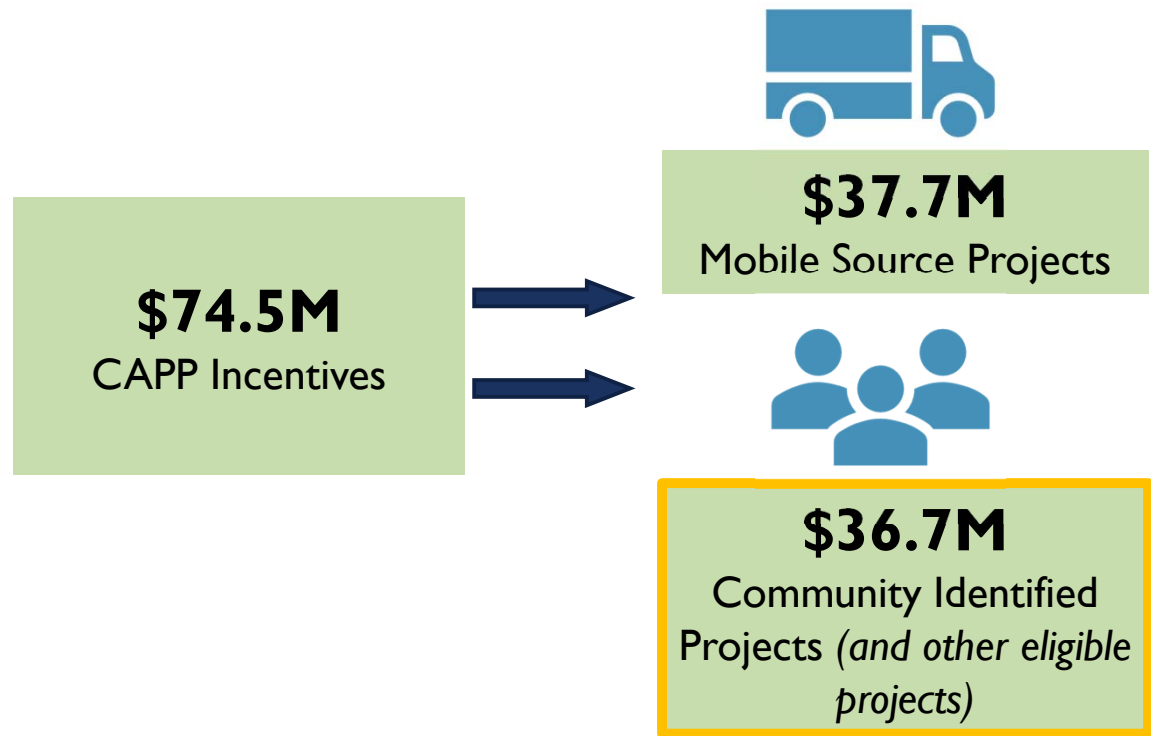
Dianne Sanchez, Ph.D. - Air Quality Specialist

PROJECT FUNDING PROCESS – OVERVIEW



JANURARY CSC MEETING RECAP – INCENTIVES STRATEGY FOR YEAR 3 CAPP FUNDS

- South Coast AQMD Governing Board approved Year 3 CAPP incentive funds for
 - Mobile source projects
 - Community identified and other eligible projects



INCENTIVES STRATEGY FOR REMAINING YEAR 3 CAPP FUNDS

Total Year 3 CAPP Funds: \$74.5 million



MOBILE SOURCE PROJECTS* (~\$37.7 MILLION)

- \$4.4 million for mobile source projects in SELA
 - 2.7 tons of NO_x
 - 0.13 tons of DPM reductions
- Staff received CSC input on funding for mobile source projects (e.g., zero emission where commercially available, near-zero, and disadvantaged communities near AB 617 communities)

COMMUNITY-IDENTIFIED* AND OTHER ELIGIBLE PROJECTS (~\$36.7 MILLION)

- \$10 million for community identified projects in SELA
- CSC to provide input on projects to be funded today



*Full list of Year 3 CAPP Incentive Awarded Projects may be found at: <http://www.aqmd.gov/home/programs/business/community-air-protection-incentives/year-3-capp-incentives>

JANUARY CSC MEETING RECAP – INCENTIVES STRATEGY FOR YEAR 3 CAPP FUNDS *(CONTINUED)*

Small Business Outreach

- Ensure information on incentive opportunities is distributed to small businesses
- Prioritize investments for small businesses

Clean Vehicle Technology

- Invest in replacing vehicles and infrastructure for zero emissions (ZE) where commercially available, or near-zero emissions (NZE)

Equitable Distribution of Funds

- Ensure that incentives are distributed in an equitable manner across AB 617 communities



INCENTIVES STRATEGY FOR REMAINING YEAR 3 CAPP FUNDS – CERP INCENTIVE OPPORTUNITIES

AQ Priority			CERP Incentive Actions
Truck Traffic and Freeways			<ul style="list-style-type: none"> • Replace older trucks with cleaner models (ZE where commercially available), support related infrastructure • Focus on small business, local fleets
Truck Traffic and Freeways			<ul style="list-style-type: none"> • School air filtration systems and replacement filters at schools near truck corridors
Railyards			<ul style="list-style-type: none"> • Installation zero-emission infrastructure • Replace diesel equipment with cleaner models
Green Spaces			<ul style="list-style-type: none"> • Vegetative buffers near freeways, especially I-710 • Urban greening projects, increasing tree canopy
Rendering Facilities	General Industrial Facilities	Metal Processing Facilities	<ul style="list-style-type: none"> • Identify opportunities to adopt technologies above and beyond rule requirements, if necessary (based on process laid out in CERP)

TODAY'S PRIORITIZATION ACTIVITY

Priority #1

Which projects would you rank as your top priority?

- Trucks: zero emission
- Trucks: low NOx
- Railyard infrastructure: zero emission
- Railyard equipment: zero emission
- Railyard equipment: low NOx
- Green Space projects
- School air filtration systems
- Rendering facilities
- Metal processing facilities
- General industrial facilities

Submit

Priority #2

Which projects would you rank as your top priority?

- Trucks: zero emission
- Trucks: low NOx
- Railyard infrastructure: zero emission
- Railyard equipment: zero emission
- Railyard equipment: low NOx
- Green Space projects
- School air filtration systems
- Rendering facilities
- Metal processing facilities
- General industrial facilities

Submit

Priority #3

Which projects would you rank as your top priority?

- Trucks: zero emission
- Trucks: low NOx
- Railyard infrastructure: zero emission
- Railyard equipment: zero emission
- Railyard equipment: low NOx
- Green Space projects
- School air filtration systems
- Rendering facilities
- Metal processing facilities
- General industrial facilities

Submit



- Today staff will present cost and emission reductions information for incentive projects
- Staff will ask CSC members to prioritize incentive projects to fund in the community
- AB 617 funds currently available for the SELA Community is \$10 M

COST FOR CERP INCENTIVE PROJECTS – MOBILE SOURCE PROJECTS

Project Type	Project Cost	South Coast AQMD Funding Amount *	Avg. Cost Effectiveness (\$/ton)	Avg. NOx Reductions (tpy)	Avg. ROG Reductions (tpy)	Avg. DPM Reductions (tpy)
Class 8 Low-NOx Truck	\$150,000 - \$190,000	\$51,618 - \$100,000	\$31,085	0.42	0.05	<.001
Class 8 Zero Emission Truck (Yard trucks)	\$380,000 - \$550,000	\$17,438 - \$200,000†	\$79,972	0.39	0.03	<.001
Zero Emission Cargo Handling Equipment	\$1 million	\$240,046	\$80,141	0.59	0.15	0.01
Tier 4 Hybrid Cargo Handling Equipment	\$640,200 - \$2.5 million	\$449,156	\$30,000	2.27	0.21	0.03
Tier 4 Off-Road Construction Equipment	\$48,000 - \$1 million	\$157,000	\$28,375	1.09	0.01	0.01
Tier 4 Locomotives (Freight)	\$2.5 million	\$1.9 million	\$21,830	4.7	0.25	0.08

- *Based on averages from previously awarded incentive projects. Averages are subject to change given new project applications, incentive program criteria and/or funding limits.
- † Funding for ZE trucks is not capped at \$200k but rather at a percentage based on the size of the fleet.



















COST FOR CERP INCENTIVE PROJECTS – EXPOSURE REDUCTIONS AND OTHER PROJECTS

Project Type	Cost	Cost-Effectiveness	Air Quality Benefit
School Air Filtration System	\$30,000 - \$300,000*	N/A	Exposure Reductions
Tree Planting	\$250 - \$290**	N/A	Other

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

**Cost per tree plus installation costs

COSTS FOR CERP INCENTIVE PROJECTS – MOBILE SOURCE PROJECTS*

Project Type	Cost	Implementation Difficulty	Diesel PM Emission Reductions	NOx Emission Reductions
Class 8 Low-NOx Truck	\$			
Class 8 Zero Emission Truck (Yard Truck)	\$\$			
Zero Emission Cargo Handling Equipment	\$\$\$			
Tier 4 Hybrid Cargo Handling Equipment	\$\$\$			
Tier 4 Off-Road Construction Equipment	\$\$\$			
Tier 4 Locomotives (Freight)	\$\$\$\$\$			

*Based on average cost from previously awarded incentive projects. Averages are subject to change given new project applications, incentive program criteria and/or funding limits.

† Funding for ZE trucks is not capped at \$200k but rather at a percentage based on the size of the fleet.

INCENTIVES STRATEGY FOR YEAR 3 CAPP FUNDS – PROJECT EXAMPLES



33 School Air Filters

- Install air filters at 33 schools
- Exposure reductions

OR



18 Electric Trucks

- Replace ~ 18 class 8 trucks with zero-emission trucks
- Reduces ~ 7.0 tpy of NO_x and 0.5 tpy of ROG

OR



52 Class 8, Low – NO_x Trucks

- Replace ~ 52 class 8 trucks with low-NO_x trucks
- Reduces ~ 21.8 tpy of NO_x and 2.6 tpy of ROG

~\$10* million =

* Costs vary by project

DISCUSSION

- Are there any additional projects* that you want to suggest that support actions in the SELA CERP?
- Staff will send a follow-up survey by e-mail for community members unable to participate in today's poll



* If needed, a plan will be developed for community-identified projects for approval by CARB

PRIORITIZATION OF PROJECT TYPES

Priority #1

Which project would you rank as your #1 priority?

Priority #2

Which project would you rank as your #2 priority?

Priority #3

Which project would you rank as your #3 priority?

- Trucks – Zero-Emission*
- Trucks – Low-NOx*
- Railyard infrastructure – Zero-Emission
- Railyard equipment – Zero-Emission
- Railyard equipment – Low NOx
- Green Space projects
- School air filtration systems
- Rendering facilities
- Metal processing facilities
- General industrial facilities

Submit

- Please rank your top three priorities (#1 is highest priority)
- Zoom polls to select rankings
 - Select one option per poll
 - If you are participating by phone, please email your rankings to ab617comments@aqmd.gov

**Per the SELA CERP commitment, truck incentives will be focused on small fleets and owner/operators*