

DRAFT Fact Sheet

February 2023

**AB 617 Community Air Protection Program
DRAFT Annual Update on AB 617 Implementation**

Every year, California Air Resources Board (CARB) staff prepare a memorandum as part of our efforts to update the Board on implementation of the *Assembly Bill (AB) 617* (C. Garcia, Chapter 136, Statutes of 2017) Community Air Protection Program (Program). This year, staff is posting Draft Attachments of the memorandum for public comment to solicit stakeholder input prior to developing the final version of the documents to submit to the Board. This draft fact sheet serves as a summary of the main elements of the Draft memorandum attachments.

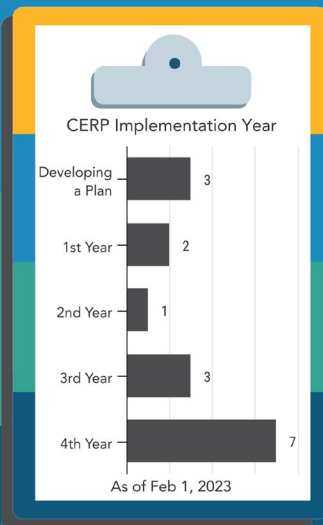
Implementation in Selected Communities

As of February 1, 2023, of the 17 communities selected into the Program, 7 are in their fourth

Year Selected	CAMP and CERP	CAMP	CERP
2018	<ul style="list-style-type: none"> Calexico, El Centro, Heber East Los Angeles, Boyle Heights, West Commerce San Bernardino, Muscoy Shafter South Central Fresno Wilmington, West Long Beach, Carson 	<ul style="list-style-type: none"> Richmond South Sacramento Florin Portside Environmental Justice Communities 	<ul style="list-style-type: none"> West Oakland
2019	<ul style="list-style-type: none"> CAMP and CERP Eastern Coachella Valley South East Los Angeles Stockton 		<ul style="list-style-type: none"> CERP Portside Environmental Justice Communities
2021	<ul style="list-style-type: none"> CAMP and CERP Arvin, Lamont South Los Angeles 		<ul style="list-style-type: none"> CERP Richmond, North Richmond, San Pablo
2022	<ul style="list-style-type: none"> CAMP and CERP East Oakland International Border Communities 		

year of CERP implementation, 6 are either in their first, second, or third year of CERP implementation, 3 continue work on developing a CERP, and 1 is currently implementing a CAMP only.


Communities are implementing a variety of creative and meaningful strategies (land use, enforcement, rulemaking, incentives, pesticides, and exposure mitigation) to reduce local emissions and exposure to air pollution. Examples of these efforts are highlighted in the Draft Attachments.




The combined estimated emission reductions from CARB’s statewide strategies and regulatory actions during the fifth (i.e., target) year of CERP implementation is estimated to be around 1,800 tons of oxides of nitrogen (NOx), 27 tons of particulate matter (PM2.5), and 26 tons of diesel particulate matter (DPM).

AB 617 CERP strategies include actions focused on incentives, rules/regulations, enforcement, land use, and other exposure mitigation strategies. Progress to reduce emissions is summarized in the figure below for each air district with AB 617 communities that are implementing CERPs. More detailed


implementation progress is documented in the Annual Reports for each AB 617 community. Links to all the air district Annual Reports can be found in Attachment C of the Draft Attachments.

\$34.4M Incentives Expended	14 Tons DPM	12.5 Tons PM 2.5	9821 Tons Cancer-risk weighted toxics	 Bay Area AQMD
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Of the 101 Strategies the Co-leads and Steering Committee have: "Fully implemented" six strategies; "Mostly implemented" five strategies; and "Have begun implementing" eighty strategies

 Imperial County APCD	\$8.4M Incentives Expended	0.33 Tons PM 2.5	14 Tons NOx	8.5 Tons VOC
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The 38 strategies are comprised of regulatory, enforcement, land use, transportation, incentives and mitigation actions.

\$4.7M Incentives Expended	89 Tons NOx	5.3 Tons PM	4.8 Tons VOC	 San Diego County APCD
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Of the 39 strategies within the CERP, 11 have been fully implemented, 23 are in progress, and 5 are pending

 San Joaquin Valley APCD	\$29.9M Incentives Expended	566 Tons NOx	332 Tons PM 2.5
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Projects including incentives for electric school buses, replacing gas-powered lawn and garden equipment, air filtration systems in schools and enforcement of wood-burning curtailments across four CERP communities.

\$133M Incentives Expended	507 Tons NOx	18 Tons PM	28 Tons VOC	 South Coast AQMD
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Include incentives for cleaner equipment at railyards, port equipment, drayage trucks, investigation oil wells, refineries, and petroleum tankers, and community outreach on reducing air pollution exposure across six CERP communities.

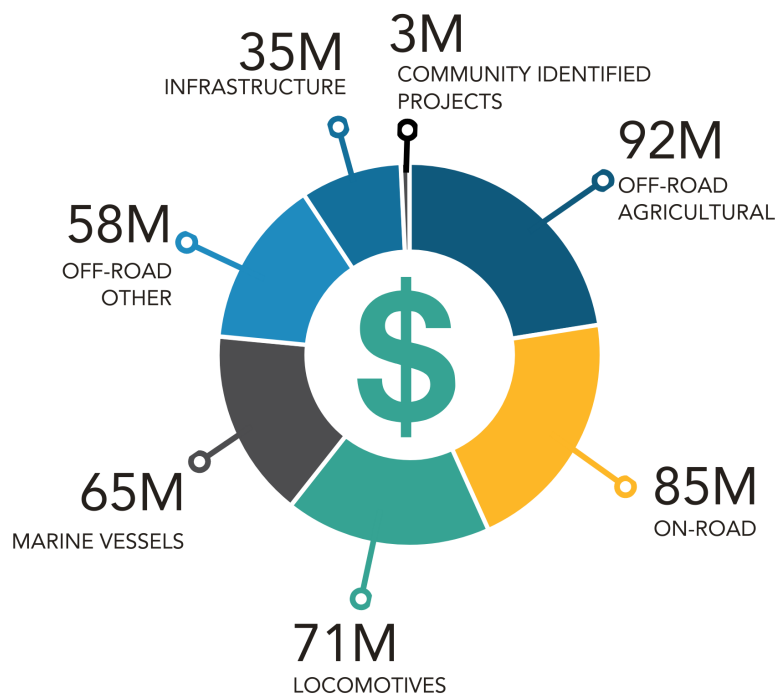
Each air district uniquely tracks emission benefits, therefore comparison between air districts is not possible.

For more information on CERP implementation and visual summaries of various other AB 617 efforts, visit the [CommunityHub](#).

Use of Community Air Protection (CAP) Incentive Funds

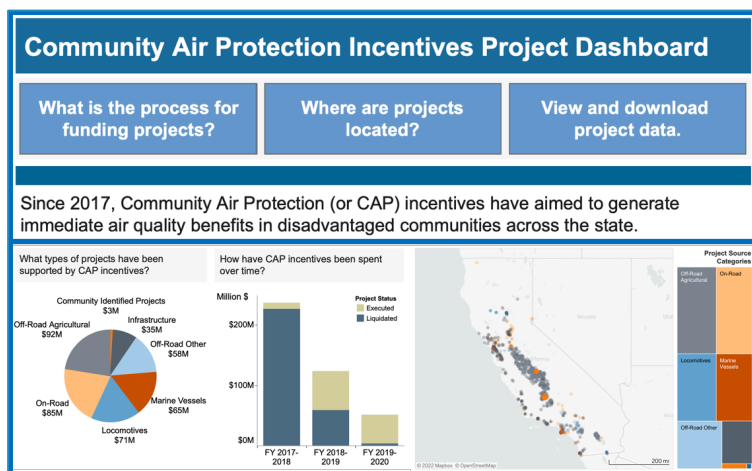
Incentives are being used in communities to reduce emissions and improve air quality and health. Project examples include diesel truck replacement programs, installation of vegetative barriers, and school air filtration projects.

Exposure reduction remains a key priority within AB 617 communities. A total of 8 out of 18 *Community-Identified Projects* are exposure reduction-focused projects, such as school and residential indoor air filtration, truck re-routing studies, and urban greening and vegetative barrier projects. The pie chart illustrates how incentives have been spent since the beginning of the Program by project category, with the largest percentage spent on Off-Road projects, such as cargo handling equipment replacement (e.g., forklifts, terminal tractors, cranes, yard trucks), agricultural equipment replacement (e.g., tractors, sprayers), and construction equipment replacement (e.g., excavators, loaders, backhoes).



To date, less than one percent of CAP incentives to date has been in support of Community-Identified Projects (visualized in the pie chart), meaning that a significant opportunity to tailor projects for communities has gone untapped.

Statewide Data Transparency Tools and Partnerships



AB 617 requires the development of three database systems: 1) the *Technology Clearinghouse*, 2) a database system to support the uniform reporting of emissions (i.e., CARB’s Criteria and Toxics Reporting Regulation, first adopted in 2018), and 3) an air quality data portal (*AQview*) to display air quality data from air district monitoring systems deployed for AB 617 communities. CARB’s Office of Community Air Protection (OCAP) also developed the *CommunityHub*, an

online dashboard with visual summaries of various AB 617 efforts and direct links to Program work products, such as a searchable database of all CERP strategies and an interactive incentives project dashboard.

In October of 2022, CARB staff launched the [Community Air Protection Incentives Project Dashboard](#), a new and easily accessible portal for data and visual summaries of CAP incentives projects across the state (screenshot of the tool is in the figure to the left).

Reimagining the Program to Serve More Communities

The Program must deliver benefits to more communities while centering community priorities. To do this, CARB is developing approaches that are less resource intensive than the CERP and CAMP-focused approach currently in use. Because the capacity to meaningfully engage is limited for many communities, and because funding is limited for CARB and air districts, the Board has directed CARB staff to reimagine the Program to address issues in more communities affected by a high cumulative exposure burden from air pollution. The Annual update highlights three new approaches aimed at expanding Program implementation: (1) using Community Air Grants to support the development of Local CERPs developed by community-based organizations or California Native American Tribes with air district participation, (2) Community-focused enforcement, and (3) Community-driven approaches in use of incentives.

Updating the Statewide Strategy (Program Blueprint 2.0)

AB 617 requires CARB to update the Program Blueprint at least once every five years and CARB staff are currently updating the Program Blueprint through a community-driven process incorporating lessons learned from implementation and community perspectives on the Program.

The process began with development of the [People's Blueprint](#), and discussion with the [AB 617 Consultation Group](#). The next phase included CARB's release of draft documents for stakeholder and public comment that will be further developed as CARB considers feedback and revises the draft guidance. The public and other stakeholders will have opportunities to provide comments, ask questions, and engage with CARB staff about the process and the draft Program Blueprint 2.0 through email, a public comment docket, and meetings with CARB staff.

CARB staff released a draft engagement plan and timeline for public comment. The timeline is summarized below and will be revised based on comments received.

- May 2022 – CARB released an outline of topics for Blueprint 2.0 in its staff presentation at the May 2022 Board Meeting for Board and public comment.
- November 2022 – CARB released an expanded outline of BP 2.0 and a draft engagement plan for public comment.
- March 2023 – CARB expects to release a draft Blueprint 2.0 in narrative form for public comment, and host public workshops, focused outreach, and engage with California tribal governments through tribal listening sessions throughout the process to hear feedback.
- Summer 2023 – CARB expects to release a draft proposed Blueprint 2.0 for public comment.

- September 2023 – CARB will release a final proposed Program Blueprint for public comment and submission to the Board for its consideration at the September Board Meeting.

Public Comment on Draft Attachments

Draft AB 617 Annual Implementation Update Memorandum Attachments are posted for public comment on CARB's website. The public docket will be open until March 17, 2023. CARB staff is seeking input and direction from stakeholders on the value and clarity of the Program implementation information contained in the Draft Attachments and any suggestions or requests for other forms of Program implementation tracking.

For Questions

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Visit our website: <https://ww2.arb.ca.gov/capp> Email us: communityair@arb.ca.gov