



To: Greenhouse Gas Reduction Fund Program

From: **Yana Garcia**, Secretary, California Environmental Protection Agency   
**Steven S. Cliff, Ph.D.**, Executive Officer, California Air Resources Board 

Date: March 29, 2024

Subject: GREENHOUSE GAS REDUCTION FUND:  
California Air Resources Board  
EXPENDITURE RECORD FOR FISCAL YEAR 2023-2024  
Statewide Community Engagement and Mobile Air Monitoring

This Attestation Memorandum documents that the California Environmental Protection Agency and California Air Resources Board completed the attached Expenditure Record on January 29, 2024, for the Statewide Mobile Monitoring Initiative. The Expenditure Record is consistent with the statutory requirements of Government Code Section 16428.9 to support expenditures from the Greenhouse Gas Reduction Fund.

This Attestation Memorandum and Expenditure Record will be submitted to CARB for public posting on the [California Climate Investments website](#)<sup>1</sup>. Questions on this Attestation Memorandum or Expenditure Record may be directed to the [CARB Statewide Mobile Monitoring Initiative](#)<sup>2</sup>.

Attachment

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<sup>1</sup> [www.arb.ca.gov/caclimateinvestments](http://www.arb.ca.gov/caclimateinvestments)

<sup>2</sup> [SMMI@arb.ca.gov](mailto:SMMI@arb.ca.gov)

## **Greenhouse Gas Reduction Fund: Expenditure Record**

California Air Resources Board (CARB)  
Statewide Community Engagement and Mobile Air Monitoring

**Authorizing legislation:** Item 3900-001-3228 of AB 179, Budget Act of 2022 (Ch. 249, Statutes of 2022), as amended by 3900-490-3228 of Section 46 of SB 104, Budget Acts of 2022 and 2023 (Ch. 189, Statutes of 2023) reappropriates to CARB \$27 million for statewide community engagement and mobile air quality monitoring. In addition, \$750,000 from the appropriation in item 3900-001-3228 of SB 101, Budget Act of 2023 (Ch. 12, Statutes of 2023), as amended by Section 45 of SB 104, Budget Acts of 2022 and 2023 (Ch. 189, Statutes of 2023), will be used by CARB for State Operations for this program, with an additional \$750,000 to be appropriated annually over the subsequent three years.

**Element (1) A description of each expenditure proposed to be made by the administering agency pursuant to the appropriation.**

### **Agency that will administer funding**

- The California Air Resources Board (CARB)

### **Amount of proposed expenditure and appropriation reference:**

- \$27,000,000 of Section 2.00 of Item 3900-490-3228, Budget Act of 2023 will be used to conduct community engagement and mobile air monitoring in communities across the state.

### **Estimated amount of expenditures for administering agency administrative costs**

- CARB administrative costs are estimated to be approximately \$3 million over 4 years. In the first year, \$750,000 from the appropriation in item 3900-001-3228 of SB 101, Budget Act of 2023 (Ch. 12, Statutes of 2023), as amended by Section 45 of SB 104, Budget Acts of 2022 and 2023 (Ch. 189, Statutes of 2023), will be used by CARB for State Operations for this program, with an additional \$750,000 to be appropriated annually over the subsequent three years.

### **If applicable, identify laws or regulations that govern how funds will be used**

- AB 398 (E. Garcia, Chapter 135, Statutes of 2017) prioritized air toxic and criteria air pollutants from stationary and mobile sources for expenditures from the Greenhouse Gas Reduction Fund.
- AB 617 (C. Garcia, Chapter 136, Statutes of 2017) directed CARB to assess the availability and effectiveness of toxic air contaminant and criteria air pollutant advanced monitoring technologies, the need for and benefits of establishing

additional community air monitoring systems, and select the highest priority locations in the state for the deployment of community air monitoring systems. AB 617 includes a variety of strategies to address air quality issues in impacted communities, including air monitoring, emissions reporting, stronger regulation of pollution sources, and incentives for both mobile and stationary sources.

### **Continuation of existing Expenditure Record**

- This is a new program that does not have an existing Expenditure Record.

### **Project Type(s)**

- Air quality monitoring
- Community engagement
- Outreach and education
- Air quality data visualization
- Source identification if included in community air monitoring plans

### **Describe the projects and/or measures that will be eligible for funding**

- Conducting community engagement to identify concerns that can be addressed by monitoring, apply monitoring strategies, and establish goal-setting metrics.
- Collecting air quality data across California using real-time mobile monitoring platforms and analyzing the resulting data.
- Providing results to communities in a manner that is easy to visualize and interpret.
- Conducting ongoing outreach and education to identify actions to address and improve poor air quality and build momentum to take those actions.

### **Intended recipients**

- Businesses
- Community-based organizations
- Universities and Research Institutions
- Non-profit organizations
- Individuals
- Public and State agencies (e.g. Air Districts)

### **Program structure and process for selecting projects for funding**

- Competitive solicitation, evaluation, and selection of projects according to program requirements presented in the request for proposals.

**Element (2) A description of how a proposed expenditure will further the regulatory purposes of Division 25.5 (commencing with Section 38500) of the Health and Safety Code, including, but not limited to, the limit established under Part 3 (commencing with Section 38550) and other applicable requirements of law.**

**How the expenditure is consistent with the Investment Plan and the Scoping Plan**

- This expenditure is consistent with recommended funding priorities in the investment plan to provide dedicated funding to advance equity, environmental justice, and community participation. This includes:
  - Local and real-time pollution monitoring, including GHG, criteria pollutants, and toxic air contaminants in disadvantaged communities across the state.
  - Community-level planning and needs assessments.
  - Outreach related to awareness and education.
- This program is also consistent with the directive to maximize air quality and health benefits in the scoping plan. Specifically, this program addresses language that states “...more must be done to ensure the most vulnerable populations have safe air to breathe. California must continue to evaluate opportunities to harmonize our climate and air quality programs through innovative policymaking and by building on existing programs like the Low Carbon Fuel Standard (LCFS) and Community Air Protection Program.”

**Element (3) A description of how a proposed expenditure will contribute to achieving and maintaining greenhouse gas emission reductions pursuant to Division 25.5 (commencing with Section 38500) of the Health and Safety Code.**

**Describe how expenditures will facilitate the achievement of GHG emission reductions in the State**

- This project will identify areas with higher concentrations of GHGs. The collected data will be used to guide actions, such as targeting incentives and enforcement activities, to reduce GHGs and help to identify where to dedicate future funding to optimize GHG, criteria pollutant and air toxics reductions and develop effective control measures.
- This project will promote the application of advanced technologies and methods to identify, measure, evaluate, and support actions to reduce GHGs, criteria air pollutants, and toxic air contaminants. This may include piloting novel approaches to investigate new concerns or applying existing technologies in ways they have not been applied previously. This will help facilitate GHG reductions by not only providing data but also providing case studies that can be replicated in other communities across the state.

**Explain when GHG emission reductions and/or co benefits are expected to occur and how they will be maintained**

- Air monitoring will be conducted for a period of approximately a year. The collected data will then be available to help identify areas prime for GHG and co-pollutant emissions reductions that can maximize air quality benefits, and strategies to reduce GHG emissions can then commence using the data provided by this program.
- Local authorities will be notified immediately if air quality exceeds an established acute health-based threshold during monitoring.

**Element (4) A description of how the administering agency considered the applicability and feasibility of other non-greenhouse gas reduction objectives of Division 25.5 (commencing with Section 38500) of the Health and Safety Code.**

**Expected co-benefits, particularly environmental, economic, public health and safety, and climate resiliency**

- This project will provide data on GHGs, criteria air pollutions, and toxics at a more granular level than is traditionally available to communities. This highly spatially-resolved air pollutant data will be used to identify potential areas of concern to prioritize future action and help guide the development of emission reduction strategies to simultaneously reduce GHG and reduce communities' exposures to air pollutants.

**How the project will support other objectives of AB 32 and related statutes**

- In alignment with AB 617 (C. Garcia, Chapter 136, Statutes of 2017), this project will provide data that can be used to complement existing efforts to improve air quality and prioritize future actions to reduce GHG, air toxic and criteria air pollutants from stationary and mobile sources.
- Investment of these funds is directed toward priority populations<sup>1</sup>, as AB 32 requires and to the extent feasible, directing investments toward the most disadvantaged communities in California and providing an opportunity for community institutions to participate in and benefit from statewide efforts to reduce GHG emissions.
- Consistent with AB 398 priorities, this program will support community participation in the planning and implementation of statewide mobile monitoring.

**Percentage of total funding that will be expended for projects that are located in and benefit priority populations per CARB guidance**

- The administering agency has established a target to expend at least 60 percent of the total project funds received under this fiscal year appropriation to fund projects that provide benefits to disadvantaged or low-income households and communities. We expect this amount to include 50 percent of total project funds for investments in and benefiting residents of disadvantaged communities, 5 percent in and benefiting residents of low-income communities or low-income households, and 5 percent in buffer communities (low-income households or communities within a half-mile of a disadvantaged communities).

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<sup>1</sup> Priority populations include residents of: (1) census tracts identified as disadvantaged by California Environmental Protection Agency per SB 535; (2) census tracts identified as low-income per AB 1550; or (3) a low-income household per AB 1550. See Section VII.B Funding Guidelines for more information on the definitions of priority populations.

### **Describe the benefits to priority populations per CARB guidance**

- This program will provide localized neighborhood-scale air monitoring data that can be used to guide, inform, and facilitate future emissions reduction strategies and actions to reduce community exposures to GHGs, criteria pollutants, and toxic air contaminants.
- Community-identified concerns will directly inform the scope and scale of air monitoring, and monitoring approaches will be designed to be receptive to the community's needs.
- A visualization of all mobile monitoring data collected under the program will be provided free of charge for the public.

### **Explain strategies the administering agency will use to maximize benefits to disadvantaged communities**

- To help maximize benefits to disadvantaged communities, the contractor will prepare a community engagement plan for how community engagement will be conducted that will be subject to agency review. The contractor will conduct engagement according to the engagement plan to allow the public to inform the development of a community air monitoring plan, the implementation of monitoring, and presentation of results and possible actions following the conclusion of monitoring.

### **Explain how the administering agency will avoid potential substantial burdens to disadvantaged communities and low-income communities or, if unknown, explain the process for identifying and avoiding potential substantial burdens**

- The administering agency will consult directly with communities through various means including surveys and public comments on community air monitoring plans developed during the project period to identify potential burdens. The agency will make programmatic adjustments to funding decisions as necessary to avoid potential substantial burdens to disadvantaged and low-income communities.

### **Element (5) A description of how the administering agency will document the result achieved from the expenditure to comply with Division 25.5 (commencing with Section 35800) of the Health and Safety Code.**

### **How the administering agency will track / report progress to make sure projects are implemented per requirements in statute and CARB guidance**

- The administering agency will require funding recipients to maintain records and submit biannual status reports consistent with California Climate Investments guidance. In addition, the administering agency will hold weekly check-in meetings to assess progress while monitoring is underway. If a funding recipient does not

perform in accordance with program requirements, the recipient will be subject to the remedies for non-performance, as identified in the administering agency's guidelines.

**Describe the approach that will be used to document GHG emission reductions and/or other benefits before and after project completion**

- CARB will collect all data necessary to document the potential for emissions reductions. CARB will include data collection and reporting requirements for the contractor. This will also include all information necessary to document the benefits for priority populations, consistent with CARB's CCI Funding Guidelines.
- The contractor will coordinate with CARB to estimate any GHG emissions reductions and co-benefits (e.g., criteria air pollutant and toxic air contaminant concentrations, community engagement). CARB will report project benefits using CARB standardized methodologies.

**Type of information that will be collected to document results, consistent with CARB guidance**

- CARB will collect all data necessary to document project benefits. This includes data from community engagement, location data, measured pollutant concentrations and associated metadata.
- Priority population benefits will be determined and reported according to CARB-developed Priority Population Benefit Criteria.

**How the administering agency will report on program status**

- As the administering agency, CARB will ensure that all reporting requirements are met by the contractor as stated in the contract agreement terms. CARB will collect regular updates on the program, including expenditure amounts and assessment of any applicable project benefits and co-benefits from the contractor.