

The table below lists Supplemental Environmental Projects (SEP) that have been fully implemented and completed.

**Completed Supplemental Environmental Projects**

Last Updated: 04/22/2025

SEP Project Title	SEP Recipient	Project Location	Pollutant	Project Summary	Amount Funded	Year Completed
Asthma Impact Model Kern	Central California Asthma Collaborative	Kern County	Black Carbon, PM	This SEP helped improve the lives of asthma sufferers by helping them identify asthma triggers and providing medical care to individuals who have little or no access to quality health care.	\$113,480.00	2021
Asthma Impact Model Merced	Central California Asthma Collaborative	Merced Country	PM	This SEP helped improve the lives of asthma sufferers by helping them identify asthma triggers, and providing medical care to individuals who have little or no access to quality health care.	\$35,000.00	2021
Community Diesel Education & Emissions - DEEP	Green Action for Health and Environmental Justice	Kings County	PM	The project launched the new Community Diesel Education and Emission Reductions Project (DEEP) efforts in Kettleman City (in Kings County). The DEEP is a multi-stakeholder collaborative effort that brings together residents, environmental health and justice groups, truckers, bus drivers, businesses, schools, and government agencies to reduce diesel idling in communities by providing education and outreach materials to stakeholders regarding the health and environmental impacts of illegal diesel idling. Stakeholders work together to become educated and to spread awareness and compliance information throughout the community.	\$30,000.00	2021

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Healthy Air Neighborhoods - Fresno	Central California Asthma Collaborative	Fresno County	PM	The Central California Asthma Collaborative ("CCAC") utilized funds to deliver outreach material to community members in regards to the San Joaquin Valley Air District's Residential Wood Burning Rule. CCAC also took the opportunity to deliver information on other clean air incentive programs available to community members most impacted by toxic air contaminants.	\$35,000.00	2021
Healthy Air Neighborhoods - Modesto	Central California Asthma Collaborative	Modesto County	PM	The Central California Asthma Collaborative ("CCAC") utilized funds to deliver outreach material to community members in regards to the San Joaquin Valley Air District's Residential Wood Burning Rule. CCAC also took the opportunity to deliver information on other clean air incentive programs available to community members most impacted by toxic air contaminants.	\$35,000.00	2021
Healthy Air Neighborhoods - Porterville	Central California Asthma Collaborative	Porterville	PM	The Central California Asthma Collaborative ("CCAC") utilized funds to deliver outreach material to community members in regards to the San Joaquin Valley Air District's Residential Wood Burning Rule. CCAC also took the opportunity to deliver information on other clean air incentive programs available to community members most impacted by toxic air contaminants.	\$30,000.00	2021

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Respiratory Education and Referral System	El Sol Neighborhood Educational Center	South Coast District	Black Carbon, PM	The El Sol Neighborhood Educational Center worked with Loma Linda University to demonstrate good respiratory health practices to 15,000 community members, screen 1,000 children for respiratory illnesses, and refer community members to local physicians for health care services.	\$299,472.00	2021
Rexland Facility	Kern County General Services	Kern County	CO2, GHG	The Parks Department proposed to develop an indoor/outdoor soccer field. The project would divert trips from more distant facilities, and would be the only free facility in the community. The project estimated to reduce VMT by 750,000 miles per year, and generated 347 tons of CO2 reductions per year.	\$50,000.00	2021
VAPHER Conference	Central California Asthma Collaborative	Central Valley	NOx, PM	The Central California Asthma Collaborative hosted a four-day Valley Air Pollution, Health, and Education Research (VAPHER) conference to bring federal, state, and local experts on air pollution health effects together to review their work and bring attention to the problems faced by the Central Valley.	\$47,688.00	2021

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Community Based Monitoring and Assessment Program for Fresno Phase 1	Central California Environmental Justice Network	Fresno County	Black Carbon, PM, TACs	This project used community based air quality monitoring, modeling and related outreach to inform residents about air quality issues in their communities, and to reduce exposure to air pollutants, thus providing protection for public health.	\$53,000.00	2021
Community Diesel Education & Emissions - DEEP-2	Central California Asthma Collaborative	Wilmington	PM	Sonoma Technology Inc, worked alongside Central California Environmental Justice Network and community members to establish monitoring locations. The data collected helped community stakeholders in the Fresno region to understand the potential need for air quality mitigation.	\$10,000.00	2021
EcoSystems Exhibition Wing - Teen Program 55k	California Science Center Foundation	Los Angeles	CO2, GHG	The Community Teen Program was a paid internship program in which local community youth integrated science education with a paid work experience and college readiness instruction, to help spread the knowledge of life sciences and current research projects.	\$55,000.00	2021

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San Ysidro Community Air Monitor Network	Casa Familiar	San Ysidro	CO2, GHG, NOx, PM	The project used SEP Funds to sustain an existing, 12 air monitor network, along the U.S. - Mexico border. The air monitors measured for P.M. 2.5, CO, NO, NO2, and O3 and relay real-time data to community members via an online platform. Casa Familiar partnered with the University of Washington, and San Diego State for equipment and technical guidance to help them interpret the air quality impacts from vehicular border crossings, and identified areas of San Ysidro impacted by air pollution. This provided a forum for more community engagement in the development of public policy.	\$150,505.00	2021
Air Filtration and Monitoring in Barrio Logan	Barrio Logan College Institute	Barrio Logan	Black Carbon, PM	Barrio Logan College Institute (BLCI) installed air filtration systems in 25 homes of individuals that suffer from respiratory illnesses, or are in close proximity to high emission sources. The project also installed indoor and outdoor air monitors to monitor the effectiveness of the systems. The project also implemented the use of handheld monitors as tools for community engagement and education.	\$55,634.00	2022

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Ground Truthing	California Safe Schools	Los Angeles County	PM, TACs, VOCs	This project strategically placed green barriers downwind of major sources of pollution, and used air monitors to evaluate how effective green barriers are at protecting people from exposure to air pollution. It also aimed to reduce greenhouse gases by sequestering carbon. Lessons learned from this study helped influence the selection of vegetation used for green barriers, and the placement of vegetation for future projects.	\$25,000.00	2022
Increasing Services to Children with Asthma	BreathMobile	Alameda County	PM, GHG	This project used SEP Funds to increase services provided by the BreathMobile. The BreathMobile is a mobile clinic with the capability to perform pulmonary function studies, provide medical services, and asthma education services to local school children.	\$546,940.30	2022
PM Sensor Network	Manylabs, Inc.	Bayview Hunters Point	PM	The project installed approximately 30 air monitoring sensors to measure particulate matter, wind speed, temperature, and relative humidity. The air quality data gathered from the sensor network became available to community members via an online platform.	\$52,500.00	2022

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Kettleman City Asthma Intervention Program	Central California Asthma Collaborative	Kings County	Black Carbon, PM, TACs, VOCs	The project used a "Groundtruthing" approach to identify and map facilities within LAUSD boundaries that may pose a threat due to high diesel emissions. The project worked with the City of Los Angeles and Department of Transportation to post "No-Idling" signs. The information gathered was shared with regulatory officials.	\$65,000.00	2022
Marine Vessel Speed Reduction Incentive Program - 350K	Ventura County Air Pollution Control District	Ventura and Santa Barbara Counties	NOx, PM	Kids Making Sense (KMS) is a youth education program for schools located in disadvantaged areas (areas with a CalEnviroScreen score of 80% or higher) throughout California. KMS taught students in grades 6-12 about monitoring and improving air quality in their communities. This program also benefited students and residents by educating them about local air quality issues and by empowering them to develop and implement actions to improve local air quality and/or their exposure to sources of air pollution.	\$350,000.00	2022

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Asthma Impact Model Fresno County	Central California Asthma Collaborative	Fresno County	Particulate Matter	Central California Asthma Collaborative conducted a research project to compare the effectiveness of moderate and high efficiency air filters in 5 different school environments in Sanger rural and urban areas. Indoor PM2.5 levels was compared in intervention and non-intervention classrooms, particularly when outdoor PM2.5 concentrations are high due to wildfire smoke or relevant other factors.	\$66,129.00	2022
California Clean Air Day - 2021	Coalition for Clean Air	Statewide	Varies	This air quality youth education program supported teacher training, instruction, and supplied air quality education kits for middle school and high school students to measure local air pollution levels, learn about the impact of air pollution on human health and the environment, and understand how to create solutions to reduce air pollution sources.	\$45,000.00	2022
Community Weather Station	Coalition for a Safe Environment	Wilmington	PM	The Coalition for a Safe Environment (CFASE) utilized an ultrasonic AIO 2 Weather Station Kit to measure local weather patterns in the city of Wilmington. The data collected was used to study the effects weather patterns pose on air pollution.	\$7,500.00	2023

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EcoSystems Exhibition Wing - Teen Program 108k	California Science Center Foundation	Los Angeles	CO2, GHG	The project launched a new Community Diesel Education and Emission Reductions Project (DEEP) efforts in Kettleman City (in Kings County). The DEEP is a multi-stakeholder collaborative effort that brings together residents, environmental health and justice groups, truckers, bus drivers, businesses, schools, and government agencies to reduce diesel idling in communities by providing education and outreach materials to stakeholders regarding the health and environmental impacts of illegal diesel idling. Stakeholders worked together to become educated and to spread awareness and compliance information throughout the community.	\$108,000.00	2023
Kids Making Sense (KMS) Youth Education, Northern California	Coalition for Clean Air	Northern California	Black Carbon, PM	This SEP requested funding for the implementation of an at-home asthma intervention program for residents of Kettleman City including targeted outreach to community residents.	\$74,500.00	2023

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Asthma Impact Model Kern County - Phase 2	Central California Asthma Collaborative	Kern County	Particulate Matter	Central California Asthma Collaborative provided higher efficiency HVAC filters to 14 elementary schools, intended to reduce the levels of potential asthma triggers all the classroom. Low cost monitors were installed in classrooms selected as samples for indoor monitoring. A second component to this project consisted of the implementation of Asthma Impact Model program, which provided children and their families with the tools to control and prevent asthma episodes.	\$79,077.31	2023
Asthma Impact Model Kings County	Central California Asthma Collaborative	Kings County	Particulate Matter	Central California Asthma Collaborative 1) compared outdoor PM2.5 levels in disadvantaged rural communities vs. urban PM2.5 monitors in Fresno county, 2) assessed student outdoor activity restrictions relative to local PM2.5 levels and RAAN(Real Time Air Advisory Network) PM2.5-related alerts, and 3) assessed student health at school relative to PM2.5 levels.	\$37,500.00	2023
Installation of Air Filtration Systems in Schools-BNSF	South Coast Air Quality Management District	South Coast District	Black Carbon, PM	This SEP installed and maintained high-performance air filtration systems in schools within communities most impacted by toxic air contaminants.	\$625,000.00	2024

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ID of Diesel Hotspots in LAUSD and Posting No Idling Signs	California Safe Schools	Los Angeles	PM	The Community Teen Program is a paid internship program in which local community youth integrated science education with paid work experience and college readiness instruction, to help spread the knowledge of life sciences and current research projects.	\$36,520.00	2024
South LA Urban Greening and Community Forestry Project	California Greenworks, Inc.	Los Angeles County	GHG, PM	The proposed project planted at least 300 trees over a 5-year period in the public parkways of disadvantaged communities located in South Los Angeles County. These communities have less than 10% tree canopy and suffer from the damaging effects of urban blight. At the request of the Los Angeles Department of Public Works Urban Forestry Division, each tree was maintained for at least 3 years until it is fully established. From then on, the trees were maintained by the City of Los Angeles. To ensure authentic community engagement and participation, California Greenworks hosted 15 neighborhood outreach events, to be coupled with 10 South Los Angeles Community Forestry Workshops facilitated by certified arborists. California Greenworks recruited local volunteers (students and community members) to assist with planting and tree maintenance. California Greenworks estimated that more than 2000 community members were engaged through outreach and workshops.	\$675,000.00	2024

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Asthma Impact Model Stanislaus County	Central California Asthma Collaborative	Stanislaus County	Particulate Matter	Central California Asthma Collaborative expanded the Asthma Impact Model and included a total of 50 low-income clients. AIM program included 1) a home assessment 2) asthma education 3) home remediation 4)receive a formal asthma diagnosis 5)see a primary care physician about their asthma and 6) follow-up on proper medication usage.	\$79,077.00	2024
Skill Development Program for Rejuvenation of Urban Trees (SPROUT)	California Greenworks, Inc.	LA County: Carson (WCWLB), Florence-Firestone (SELA), Lynwood and Watts (adjacent to SELA), and Pacoima (in the Valley not AB617)	PM	Central California Asthma Collaborative expanded the Asthma Impact Model and included a total of 50 low-income clients. AIM program included 1) a home assessment 2) asthma education 3) home remediation 4)receive a formal asthma diagnosis 5)see a primary care physician about their asthma and 6) follow-up on proper medication usage.	\$35,156.00	2024
SEI Air Quality Education Program - Contra Costa	Strategic Energy Innovations	Contra Costa County	PM, Nox, GHGs	Central California Asthma Collaborative expanded the Asthma Impact Model and included a total of 50 low-income clients. AIM program included 1) a home assessment 2) asthma education 3) home remediation 4)receive a formal asthma diagnosis 5)see a primary care physician about their asthma and 6) follow-up on proper medication usage.	\$78,750.00	2024
SEI Air Quality Education Program - San Diego	Strategic Energy Innovations	San Diego County	PM, Nox, GHGs	Central California Asthma Collaborative expanded the Asthma Impact Model and included a total of 50 low-income clients. AIM program included 1) a home assessment 2) asthma education 3) home remediation 4)receive a formal asthma diagnosis 5)see a primary care physician about their asthma and 6) follow-up on proper medication usage.	\$51,348.00	2024

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Brawley Health ACTION Environmental Study SEP	Public Health Institute	Brawley, Imperial County	VOCs	Central California Asthma Collaborative expanded the Asthma Impact Model and included a total of 50 low-income clients. AIM program included 1) a home assessment 2) asthma education 3) home remediation 4) receive a formal asthma diagnosis 5) see a primary care physician about their asthma and 6) follow-up on proper medication usage.	\$1,076,482.00	2024
Saving the Lives of West Fresno Elementary School Students by replacing HVAC units	Washington Unified School District	Fresno	PM	This SEP expansion included the implementation of a community-based and community-driven outreach and education on respiratory health. The expansion included education on acute respiratory infections (ARI) through the use of Community Health Workers-CHWs, (also known as Promotores de Salud). El Sol educated community residents about preventative habits and inform them about environmental diseases (e.g. soil, water, air) affecting the Eastern Coachella Valley. New activities in the expansion included: a) assessments of the home environment and remediation, as needed, b) hands-on training and education on safe and effective ways to address unhealthy living conditions, c) screening for risk factors and respiratory illness, d) referrals to health professionals, and e) case management by CHWs to improve continued management of respiratory, as needed.	\$864,800.00	2024

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Insecticide Reduction: Empowering Children and Adults to Become Defenders of Clean Air	Community Initiatives	Long Beach, San Bernardino, Wilmington, Carson, East Los Angeles, Boyle Heights, Santa Ana	VOCs	Central Valley Air Quality Coalition built capacity and engaged the public in decision making processes with the SJVAPCD ERC banking system. SEP implementation included workshops, trainings, and other supportive activities to educate and engage advocates and community members on the ERC banking system in the SJV.	\$171,000.00	2024
New Voices Are Rising: Improving Air Quality in the Community	Rose Foundation for Communities and the Environment	Bay View Hunters Point, East/West Oakland, and Contra Costa County	PM, GHGs	Coalition for Clean Air expanded outreach for the California Clean Air Day. This SEP included the implementation of surveys to determine changes to individual and organizational habits, website and toolkit improvements, goal setting with Regional Working groups, advertisement, social media communications, workshops, outreach to the business, community, and government agencies.	\$23,800.00	2024
<b>Total</b>					<b>\$6,173,858.61</b>	

For more information about the California Air Resources Board's SEP Program, please visit: <https://ww2.arb.ca.gov/our-work/programs/supplemental-environmental-projects-sep>

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