

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

Completed Supplemental Environmental Projects

Last Updated: 08/05/2025

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
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

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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
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

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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
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	Kings County	PM	The project launched a new Community Diesel Education and Emission Reductions Project (DEEP) efforts in Kettleman City (in Kings County). The DEEP was a multi-stakeholder collaborative effort that brought 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.	\$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 helped 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	The city of Van Nuys has more than 800 permitted facilities, many of which are unmarked, and have not been inspected for compliance. California Safe Schools used a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. In the past, community members have placed air monitoring sensors throughout the city, and as a result, have helped identify issues including hexavalent chromium in the community. The project aimed to continue to use this community-based approach to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools relayed the data to ARB and the SCAQMD for follow-up action.	\$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	This SEP proposal requested funding for the implementation of an at-home asthma intervention program for residents of Kettleman City including targeted outreach to community residents.	\$65,000.00	2022
Marine Vessel Speed Reduction Incentive Program 350K	Ventura County Air Pollution Control District	Ventura and Santa Barbara Counties	NOx, PM	This SEP established the Vessel Speed Reduction (VSR) Program. The VSR Program is an incentive program to encourage ocean going vessels traveling through Ventura and Santa Barbara Counties to reduce their speed, thus lowering emission levels and reducing the risk of fatal ship strikes to wildlife in the area.	\$350,000.00	2022
Asthma Impact Model Fresno County	Central California Asthma Collaborative	Fresno County	Particulate Matter	Central California Asthma Collaborative proposed to expand 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.	\$66,129.00	2022
California Clean Air Day - 2021	Coalition for Clean Air	Statewide	Varies	Coalition for Clean Air proposed to expand 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.	\$45,000.00	2022

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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
EcoSystems Exhibition Wing - Teen Program 108k	California Science Center Foundation	Los Angeles	CO2, GHG	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 research projects.	\$108,000.00	2023
Kids Making Sense (KMS) Youth Education, Northern California	Coalition for Clean Air	Northern California	Black Carbon, 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.	\$74,500.00	2023
Asthma Impact Model Kern County - Phase 2	Central California Asthma Collaborative	Kern County	Particulate Matter	Central California Asthma Collaborative proposed to expand 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.	\$79,077.31	2023

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Asthma Impact Model Kings County	Central California Asthma Collaborative	Kings County	Particulate Matter	Central California Asthma Collaborative proposed to expand 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.	\$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
ID of Diesel Hotspots in LAUSD and Posting No Idling Signs	California Safe Schools	Los Angeles	PM	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.	\$36,520.00	2024

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South LA Urban Greening and Community Forestry Project	California Greenworks, Inc.	Los Angeles County	GHG, PM	<p>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.</p> <p>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.</p>	\$675,000.00	2024
Asthma Impact Model Stanislaus County	Central California Asthma Collaborative	Stanislaus County	Particulate Matter	<p>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.</p>	\$79,077.00	2024

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Skill Development Program for Rejuvenation of Urban Trees (SPROUT)	California Greenworks, Inc.	LA County: Carson, Florence-Firestone, Lynwood and Watts, and Pacoima	PM	This project enrolled youth aged 16 to 24 who received training and education to foster a future generation of green sector workforce, especially within the sector of construction. Each cohort participated in field days, where youth assisted in planting trees in Los Angeles County.	\$35,156.00	2024
SEI Air Quality Education Program - Contra Costa	Strategic Energy Innovations	Contra Costa County	PM, Nox, GHGs	This air quality youth education program supported teacher training, instruction, and supply 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.	\$78,750.00	2024
SEI Air Quality Education Program - San Diego	Strategic Energy Innovations	San Diego County	PM, Nox, GHGs	This air quality youth education program supported teacher training, instruction, and supply 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.	\$51,348.00	2024

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Brawley Health ACTION Environmental Study SEP	Public Health Institute	Brawley, Imperial County	VOCs	Tracking California and partners proposed a four-phase project that addressed Brawley community concerns, starting with acknowledgement of historical contamination issues, and concluding with activities which will empower the community for public health action. Phase 1 focused on public engagement, defining the domain of interest, compiling and analyzing existing environmental and health data, conducting an oral history assessment, educational and training activities, and determining the scope of the following phases. Phase 2 focused on conducting health surveys and report back to the community. Phase 3 entailed environmental monitoring and report-backs, and Phase 4 included final project community report back and mobilization for public health action.	\$1,076,482.00	2024
Saving the Lives of West Fresno Elementary School Students by replacing HVAC units	Washington Unified School District	Fresno	PM	Washington Unified School District proposed to install 42 new HVAC units at West Fresno Elementary School. HVAC units were old, inefficient and potentially incompatible with air filtration systems. New units were able to increase recirculation in classroom air. In addition, AB617 resources are expected to fund a second phase to these projects, allowing the installation of air filtration systems to reduce exposure to PM2.5	\$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	This project's objective was to help adults and children in five schools in Title 1 and environmental justice communities gain knowledge about insecticides and the immense impact they have on their health, their community and their world. To reduce the vulnerable public's exposure to these harmful pollutants, California Safe Schools proposed an education program for a new and older generation on better ways to manage pests and reduce or eliminate insecticides. The project initially involved 5 Title 1 schools with the potential to expand to all K-12 grade levels in the state. California Safe Schools is a community partner and implementer SEP recipient is Community Partners.	\$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	The Rose Foundation proposed to implement its Summer Climate Justice Leadership Academy program for 30 high school students from the Bay View Hunters Point, East Oakland, and Contra Costa County industrial corridor communities. During a 6-week period, the program connected students with community-based organizations through summer twice weekly externships and by pairing fellows with school year mentors. Lead community partners were Local Clean Energy Alliance and Communities for a Better Environment. Students also participated in hands-on activities such as building their own DIY indoor air filtration systems and presenting what they've learned about environmental justice and air quality to community members through a virtual summit.	\$23,800.00	2024

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Marine Vessel Speed Reduction Incentive Program Phase 2	Ventura County Air Pollution Control District	Ventura and Santa Barbara Counties	NOx, DPM, Sox	This project implemented a vessel speed reduction (VSR) incentive program, which provided financial and public relation incentives for owners/operators of ocean-going cargo vessels to slow down in the VSR zones during peak whale and ozone seasons.	\$1,008,947.50	2025
Total					\$7,182,806.11	

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>