

Grant Name	Grant ID	Project Summaries
Acterra: Action for a Healthy Planet	G21-CAGP- 01	Acterra will improve air quality in the City of San Jose through monitoring, community outreach, and youth education programs. Acterra's technical project will partner with local community-based organizations (CBOs) such as LUNA, and the Vietnamese American Roundtable, schools, and governmental agencies. Acterra will install 10 Clarity Node-S monitors to measure particulate matter (PM) and nitrous oxide (NOx) in City of San Jose schools. Air quality (AQ) data will be displayed on a publicly accessible website and used in Acterra's multilingual outreach in Spanish, Vietnamese, and Mandarin to engage the community in air quality priority action discussions. Acterra will use collected data to develop educational curricula for City of San Jose schools and to share with students, families, and CBOs through its outreach efforts. Acterra will also support workforce development and train selected student leaders in AQ monitoring and data analysis.

Brightline Defense Project	G21-CAGP-02	Brightline Defense Project (Brightline) technical grant will expand its ongoing air quality monitoring program for the frontline communities of Bayview Hunters Point, South of Market (SoMa), the Tenderloin, and Chinatown. While continuing to partner with UC Berkeley and Clarity Movement Company, Brightline will also collaborate with a new technical partner, Distributed Sensing Technologies (DST), and its long-time community partner, Community Youth Center (CYC), to deploy and maintain 12 Clarity Node-S sensors. Brightline will install 12 ObservAir Series1 (OAS) black carbon sensors in these communities to deliver community-level air quality data. Brightline will conduct community workshops to engage community members in discussion regarding their air quality and other related subjects authentically. Brightline will engage youth leaders to outreach to hard-to-reach monolingual Chinese-speaking community members. Brightline will distribute bilingual written materials and reports.
Catholic Charities of Stockton	G21-CAGP-03	Catholic Charities of the Diocese of Stockton (CC) and its partner, Little Manila Rising, will implement a community engagement strategy that supports the Stockton's AB 617 community emissions reduction program (CERP) implementation. This CC educational project will provide the South Stockton community with public workshops and bilingual outreach in English and Spanish on advocacy training on local environmental and public health issues. The CC project will leverage existing community relationships to address community-level air quality concerns, increase equitable participation, increase resident ownership of local projects, and improve community member understanding of Stockton's AB 617 CERP objectives and accomplishments. Proposed metrics include surveys to assess community member knowledge gained from workshops, power-mapping assessments, and air monitoring location assessments.

Center on Race, Poverty and the Environment	G21-CAGP-04	The Center on Race, Poverty, and the Environment (CRPE) targeted project will develop and implement a local community emissions reduction plan (L-CERP) in Delano. This L-CERP will leverage and expand the work of a previous CAG project, which included the establishment of a community air monitoring network and local community steering committee (L-CSC) in Delano. CRPE and the Central California Asthma Collaborative (CCAC) will educate Delano L-CSC members about the various opportunities available through existing air pollution emissions reduction strategies identified and adopted by Assembly Bill (AB) 617 CSCs in South Fresno, Shafter, South Stockton, and South Kern, as well as strategies identified by L-CSCs in other San Joaquin Valley (SJV) communities. CRPE and CCAC will support the Delano L-CSC's development of an L-CERP and to implement L-CERP strategies, will facilitate cooperation with the SJV Air District and CARB. Outreach will be multilingual. This project does not involve air monitor installation.
Central California Asthma Collaborative	G21-CAGP-05	The Central Asthma Collaborative (CCAC) technical grant will maintain, expand, and enhance the San Joaquin Valley (SJV) Community Air Monitoring Network (SJVAir). The CCAC project will serve low-income communities in the SJV by providing personnel support for the continued operation, data collection, analysis, display (web portal and app), and automated notification (app, text message, and email) of real-time particulate matter (PM) data from reference-grade (BAM 1020/1022) and calibrated consumer-grade (PurpleAir) particulate matter PM2.5 monitors. CCAC will support engagement of SJV residents, community-based organizations, and schools, to provide feedback and inform residents about the air monitoring network in their communities through the community steering committee forum established by CCAC and its partners. CCAC will engage and support residents through the enhancement of the SJVAir.com website and SJVAir app, including interactive guidance to help low-income residents reduce their exposure to air pollution associated with wildfires. As of April 2023, CCAC and its partners have deployed 140 low-cost sensors and two reference-grade monitors, with plans to deploy an additional 200 plus low-cost monitors and four reference-grade monitors.

Central California Environmental Justice Network	G21-CAGP-06	Central California Environmental Justice Network (CCEJN) technical project will advance equity and environmental justice in the San Joaquin Valley communities of South Fresno, Shafter, and Arvin/Lamont, and expand community education and outreach efforts in Avenal and Terra Bella. The CCEJN project will use an innovative approach to community air monitoring in neighborhoods impacted by fugitive oil and gas emissions. CCEJN will utilize methane and volatile organic compounds (VOC)--detecting equipment to conduct targeted air monitoring in low-income communities in Kern County. CCEJN will conduct capacity-building activities to ensure long-term maintenance, sustainability, and local control of a community-run ozone and 12-particulate matter (PM)2.5 monitor network in rural, and low-income and minority communities across the San Joaquin Valley. CCEJN will facilitate community interaction, provide education, building community capacity, and cultivate working relationships with government agencies to advance air pollution monitoring, mitigation, and reduction efforts.
Citizen Air Monitoring Network	G21-CAGP-07	The Citizen Air Monitoring Network (CAMN) will conduct a technical black carbon study project to address diesel pollution in the Vallejo. CAMN will install 16 black carbon (BC) instruments to provide a baseline for diesel pollution in the Vallejo community and to collect actionable data that can guide efforts to manage local air quality. Diesel pollution data will be provided to the Bay Area Air Quality Management District and the City of Vallejo for policy consideration. CAMN will also support local workforce development by offering paid training and employment in community outreach, air monitor installation, and site technician skills. Outreach and community engagement will be conducted in English and Spanish.
Clean Water Fund	G21-CAGP-08	The Clean Water Fund (CWF) will develop a collaborative community-driven local community emission reduction project (L-CERP) in Lost Hills, a small low-income community located on the west side of Kern County, adjacent to and downwind of the Lost Hills Oilfield (sixth largest oilfield in California), and 21 miles west of Wasco on California Highway 46, in Kern County. The CWF will utilize a shared governance structure, provide training and workshops on air quality data collected within the community, expand air monitoring, and develop a local emissions reduction project (L-CERP) and implementation plan.

Coastal Quest - Rise South City	G21-CAGP- 09	<p>Rise South City (Rise SC), fiscally sponsored by Coastal Quest, will expand existing air monitoring and advocacy efforts in the Bay Area in the communities of Paradise Valley, Lindenville, and five census tracts East of 101, which face significant air pollution hazards from legacy toxic waste dumps, industrial growth, and proximity to freeways and the San Francisco International (SFO) airport. Rise SC technical project will expand its network of air monitors with 10 PurpleAir Classic (PAII) monitors, two AethLabs MA350 black carbon monitors, and five Clarity Node-S monitors. The Rise SC project will include multilingual outreach in English, Spanish, and Tagalog. Rise SC will distribute 1000 multilingual, culturally appropriate flyers, and educational material, about current air quality data in the area. Rise SC will also develop a technical curriculum to communicate the basics of community monitoring and data analysis, and train community members to be part of the deployment of air quality sensors. Rise South City will focus its outreach meetings to engage with 20 community leaders and 20 resident households that already own PurpleAir monitors.</p>
Comité Pro Uno	G21-CAGP- 10	<p>Comité Pro Uno technical project will continue the operation of an air monitor located in Paramount and the purchase four additional air monitors to be placed in Paramount or Maywood. The Comité Pro Uno project will collect air quality monitoring information on ambient air concentrations of hexavalent chromium downwind of previously identified hexavalent chromium emitting facilities located in the cities of Paramount and Maywood. Comité Pro Uno will meet with the Paramount and Maywood communities through four bilingual English and Spanish workshops to identify air monitoring locations, provide air monitoring training and education on government regulatory frameworks, and discuss air monitoring results. Comité Pro Uno will also work with community youth to develop YouTube air monitoring training videos.</p>

Communities for a Better Environment	G21-CAGP-11	Communities for a Better Environment (CBE) will support the Southeast Los Angeles and Wilmington, Carson, and West Long Beach community steering committees (CSCs) in the implementation of their community emission reduction programs (CERPs). This CBE educational project will provide leadership training in English and Spanish to community residents and CSC members on how to actively participate in local regulation development for prioritized emissions sources. CBE will outreach with community members through meetings, social media, emails, and flyers. CBE has an estimated 130 core members participating in weekly and monthly activities, 440 active members, and an estimated 6,000 base members who receive CBE updates. This CBE project will also support workforce development for CBE's eight staff members and four community interns, who will provide support to communities in their participation in AB 617 implementation efforts. This project does not involve air monitoring.
Community Bridges	G21-CAGP-12	Community Bridges educational project will reduce air pollution and exposure to harmful emissions in Monterey County, through education and outreach efforts that will target 4,500 residents. Community Bridges will educate the Monterey community on air quality and its correlation to public health through surveys, multilingual outreach materials, print flyers and signage, television and radio public service announcements, door-to-door community canvassing, and social media campaigns. Community Bridges will train volunteers to conduct door-to-door canvassing. Community Bridges will also promote electrification education and transitioning to electric vehicles.

Community Resource Project, Inc	G21-CAGP-13	Community Resource Project, Inc. (CRP), through its CLEAN Air Project, will increase household air monitoring, reduce unemployment, and empower community members, to improve local air quality in the South Sacramento-Florin Assembly Bill 617community. CRP's technical project will educate 250 community members on how to improve air quality in their homes and neighborhoods, and train 100 high school and community college students to be youth air quality ambassadors, how to install air sensors, and monitor air quality in 100 local area households. CRP will purchase 100 low-cost indoor air sensors. CRP will also provide job training to 30 unemployed and underemployed community members on heating, ventilation, and air conditioning (HVAC) electrification, weatherization, electric vehicle (EV) charger and solar panel installation, and e-bike electrification conversion. Outreach will be multilingual.
Del Amo Action Committee	G21-CAGP-14	The Del Amo Action Committee (DAAC) will create a community-led air quality monitoring project to study and document the primary air toxics of concern in the unincorporated Los Angeles County neighborhood of Del Amo. This neighborhood faces significant air pollution hazards from nearby Superfund sites, a chlorine facility, warehouses, and heavy-duty diesel truck traffic. DAAC will conduct a comprehensive air toxics study in Del Amo, with a specific focus on measuring local air pollution levels, documenting the emissions contributions of different sources, and estimating the cumulative health risks. The air monitoring network will be made up of five Clarity Node-S sensors for particulate matter (PM) and nitrous oxide measurements. DAAC will hire a student intern to assess additional PM and volatile organic compounds measurements via 1-in-6-day sampling at a central monitoring supersite, with sampling materials provided by DAAC's three technical laboratory project partners. DAAC will raise awareness of air quality issues in Del Amo and reach 1,000 Del Amo residents through door-to-door outreach, mailers, and regular community meetings. Outreach will be in English and Spanish.

Ecologistics - SLO Climate Coalition	G21-CAGP-15	<p>The San Luis Obispo (SLO) Climate Coalition , a project of Ecologistics, will develop and implement a health home visits and carbon concierge program to improve air quality within low-income census tracts in San Luis Obispo County. The SLO Climate Coalition technical project will reduce indoor and outdoor combustion emissions using a three-tiered approach. In Tier 1, SLO Climate Coalition will provide 2,500 households with the appropriate pollution reduction support that best fits their eligibility and needs. SLO Climate Coalition will help 1250 households register for their interactive ResilientSLO.org online tool that identifies personalized actions and resources to support climate action, resilience, and disaster preparedness. Of the registered Tier 1 households, SLO Climate Coalition will select and invite 250 households to participate in Tier 2 Healthy Home Visits carried out by College Corps Fellows to assess households for potential smart climate energy home upgrades, including solar installation, gas appliance replacement with electric appliances, electric vehicles, weatherization, and microgrid technology. Of the 250 Tier 2 households, SLO Climate Coalition will select and invite 200 households into the Tier 3 service or Carbon Concierge, where SLO Climate Coalition will provide customized support to steward Tier 3 households through the rebate-incentive-grant process, identify and manage home energy contractors, and complete home energy renovations. SLO Climate Coalition will complete 200 upgrade and replacement projects with an estimated utilization of \$2M in rebates-incentives-grants. The SLO Climate Coalition’s Healthy Home Visits Program will also provide job training for the program’s 210 College Corp Fellows. SLO Climate Coalition will purchase 25 consumer-quality home-air-quality measuring devices and loaned to clients for indoor air testing. Outreach will be conducted in English and Spanish.</p>
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Empower You Edutainment	G21-CAGP-16	<p>Empower You Edutainment educational project will engage eight Riverside Unified School District high school teachers, 800 high school students, and community members, to understand regional air quality concerns that affect their daily lives. This project will prepare high school students for careers in technical or environmental fields by providing training to measure, map, and display air quality data. This project will involve partnerships with the University of California (UC) at Riverside and the Riverside Unified School District. The Project will train high school teachers to mix artistic expression with the science-based learning approach to attract youth and community members who were not originally interested in science, technology, engineering, art, and math (STEAM) fields. Empower You Edutainment will conduct a year-end summit where high school students and the community will interact with local government decision-makers, air quality experts from UC Riverside, South Coast Air Quality Management District, CARB, and the business sector. Empower You Edutainment will, at the year-end summit. provide and discuss the results of their air monitoring projects and learn how to further measure and meet the goal of cleaner air in the region.</p>
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Environmental Democracy Project	G21-CAGP-17	<p>Environmental Democracy Project (EDP), in partnership with Lesgetit Networks and Lifers Leaving a Legacy, will create a pilot project to identify, evaluate, document, and mitigate air pollution from illegal dumping and dumpsites in East Oakland. The EDP technical project will collect real-time air monitoring data to educate East Oakland communities about air pollution sources that like illegal waste dumps that have not historically been studied. Five Clarity Node-S sensors will be installed in pollution hotspots across East Oakland to monitor and collect particulate matter data. EDP will conduct sampling to detect volatile organic compounds data and will procure and make available 10 handheld sensor kits that community members can loan from local East Oakland libraries. EDP will conduct community outreach targeting 200 residents and will recruit 20 interns to help implement the project. Outreach materials distributed will be in English and Spanish. The EDP project will train community members on conducting air monitoring and cleaning waste sites, and through making air quality data publicly available, will help EDP collaborate with community members for actual clean-ups and pollution abatement in neglected neighborhoods.</p>
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Higher Ground NDC	G21-CAGP-18	<p>Higher Ground Neighborhood Development Corporation (Higher Ground NDC) educational project will teach East Oakland youth and families about air pollution and exposure reduction strategies. Higher Ground NDC will host community-based events at the Brookfield Greenway, located at Brookfield Elementary and serves as a buffer to the ongoing pollution that comes from 880 freeway in East Oakland, where residents of City Council District 6 and District 7 can learn about air pollution reduction strategies and how to facilitate community conversations about the importance of clean air. Higher Ground NDC will create a community plan to inform the public about solutions to these issues. Higher Ground NDC will host 10 community improvement service events to cultivate relationships with government agencies, 15 community workshops in the Brookfield and Sobrante Park neighborhoods to support development and implementation of community emission reduction plans, and six peer-to-peer workshops to build community capacity and train and hire eight youth middle school and high school leaders to lead community workshops. The youth trainings will focus on the history of racism and air quality, its impacts, and what can be done to advocate for improved air quality will be conducted.</p>
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<p>Institute for Local Government</p>	<p>G21-CAGP-19</p>	<p>Institute for Local Government (ILG) will create a comprehensive report on Assembly Bill (AB) 617 communities and local government to determine best practices for implementing community emission reduction plan (CERP) goals within local land use documents. ILG will conduct interviews with AB 617 community air districts, a formal survey, four regional workshops with AB 617 stakeholders, and interviews with communities that have had success implementing their CERP goals in partnership with local governments. The ILG Project will engage 17 designated AB 617 communities through the following four workshops: a Northern California workshop (East Oakland, Richmond/ San Pablo, South Sacramento/ Florin, Stockton, and West Oakland); a Central California workshop (South Central Fresno, Shafter, and Arvin, Lamont); a Los Angeles/Inland Empire Workshop (East Los Angeles, Boyle Heights, West Commerce, San Bernardino, Muscoy, South Los Angeles, Southeast Los Angeles, and Wilmington/Carson/West Long Beach) and a San Diego/Imperial/Riverside workshop (Calexico, El Centro, Huber, Eastern Coachella Valley, International Border, and Portside Environmental Justice communities). The final case study report will provide current and future AB 617 communities with a framework for what is possible to ensure that CERP goals are implemented in alignment with their respective local government agencies to achieve more meaningful and sustainable outcomes. This project will not involve air monitoring.</p>
<p>IQAir Foundation - Center for Community Action and Environmental Justice</p>	<p>G21-CAGP-20</p>	<p>The IQAir Foundation (IQAir), in partnership with the Center for Community Action and Environmental Justice (CCA EJ), will establish an air quality monitoring network in the communities of Bloomington and South Fontana. This technical grant assesses the air quality and health impacts of industrialization in the project area, as well as the goal of empowering environmental justice voices in the region and identifying opportunities for electrification in the region. Monitoring will be conducted by deploying 40 low-cost IQAir AirVisual outdoor monitors in public community air monitoring stations and 40 IQAir indoor monitors in resident households. Data collected will be published through the AirVisual platform and will contribute to the World Air Quality Map, displaying data from governmental and non-governmental monitors around the world. IQAir and CCA EJ will also conduct community engagement and outreach to reach 15,000 community members. Research on local knowledge of air quality will be conducted in English and Spanish.</p>

<p>Little Manila Foundation (DBA Little Manila Rising)</p>	<p>G21-CAGP-21</p>	<p>Little Manila Rising technical project will enhance the “Stockton Skywatch” community-facilitated air monitoring network in Stockton with the installation of an additional 25 Purple Air and Clarity Node-S I monitors to provide data for a sophisticated emissions source-based model to identify and evaluate emission sources of fine particulate matter (PM). Data collected from this model will inform local and regional air quality policy through the Assembly Bill (AB) 617 community advocacy process and identify mitigation measures to facilitate emission reductions and reduce population exposure to pollutants. Dissemination of data to the community will be performed via a phone app created by subcontractor Ramboll, among other outreach efforts including a Youth Advocates program. LMR will train approximately 30 youth on air quality data analysis. A multilingual data analysis dashboard will be shared to build community capacity for understanding air quality drivers.</p>
<p>Madera Coalition for Community Justice</p>	<p>G21-CAGP-22</p>	<p>Madera Coalition for Community Justice (MCCJ) project will augment the local community steering committee (L-CSCs) developed and maintained with Central California Asthma Collaborative (CCAC), the Central California Environmental Justice Network (CCEJN), and the Central Valley Air Quality Coalition's (CVAQ) with the addition of three new communities and the development of a local community emissions reduction plan (L-CERP) for each community. MCCJ will provide written Spanish translation of air quality documents for community members to participate in AB 617 decision-making processes as needed. MCCJ will update CVAQ's Community Air Protection Guidebook and curriculum for L-CSCs to use as a resource for best practices to support community steering committees.</p>

Making Hope Happen Foundation	G21-CAGP-23	<p>Making Hope Happen Foundation (MHHF) technical project will focus on the Assembly Bill 617 (AB 617) community of San Bernadino and Muscoy, to develop a virtual reality (VR) 3D computer-aided design (CAD) tool for students to remotely and safely design electric vehicle (EV) charging installations in the City of San Bernardino. The VR tool will have many applications in the EV charging industry and could make charging station design safer and more efficient. MHHF will help families, housing providers, and local businesses understand and apply for numerous vehicle and infrastructure incentive programs offered by state and federal governments. MHHF also plans to offer in-depth technical assistance to help at least 20 individuals purchase or lease EVs or hybrid vehicles. The project goals are to measurably increase the ownership of EVs and plug-in hybrids in the City of San Bernardino, build a network of EVs chargers for personal and fleet vehicles, and encourage local middle school, high school, and college students to pursue high-paying careers in electrification. This project does not involve air monitoring. The project builds on the initial CAG Cycle 3 grant MHHF received which included community outreach on EVs, EV charging, and workforce development with students from the San Bernardino City Unified School District.</p>
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<p>Morongo Tribe of Mission Indians</p>	<p>G21-CAGP-24</p>	<p>The Morongo Band of Mission Indians (Tribe) will enhance and expand its community air monitoring network and perform sampling for air toxics through a technical project. The Morongo Indian Reservation is impacted by ozone levels, air pollution from the I-10, airborne metals, and other particulate matter (PM), including wildfire smoke. The Tribe has developed an air quality monitoring network, but much of the sensors and equipment are approaching end-of-life and require replacements or upgrades. The Project will build five new custom air monitors that will measure ozone, nitrous oxide, particulate matter (PM) 2.5, PM10, and volatile organic compounds, in partnership with its subcontractor Blue Tomorrow, LLC. Replacement air monitors will be purchased as necessary. Morongo tribal staff will be trained by Blue Tomorrow to conduct air sampling to analyze for air toxics including heavy metals. The project will include one data analysis report, one sampling analysis report, upgrades to the community website, and up to two community meetings.</p>
<p>North Marin Community Services</p>	<p>G21-CAGP-25</p>	<p>North Marin Community Services (NMCS) educational project will expand climate action and resilience by working as community connectors of low-income and Spanish-speaking communities in Novato, a city in Marin County designated as low-income. NMCS will work with public and private sector partners, along with 21 volunteer Promotores who will connect monolingual Spanish speakers with services, clean air education, and resource referrals. NMCS will organize five Spanish workshops to reach approximately 70 Novato community members, and three English workshops on air quality causes and effects, electric vehicles (EV), e-bikes, red flag days, fines, and reducing greenhouse gas emissions. Information about programs and resources will be distributed in Spanish, and outreach tactics will be cogenerated with Promotores community members. Proposed metrics include tracking participation via sign-in sheets and post-workshop knowledge evaluations. Project partners include subcontractor Cool the Earth, a subject matter expert in EVs, e-bikes, and local government agencies collaboration.</p>

OneOC	G21-CAGP-26	<p>OneOC will conduct a community-led air quality monitoring project to study and document local air toxics and evaluate cumulative exposure risk in Santa Ana, a low-income and is primarily Spanish-speaking community. OneOC will install five Clarity Node-S sensors to monitor particulate matter (PM) 2.5, which will provide real-time data reporting to the public through the Clarity OpenMap dashboard. Volatile organic compounds measurements will also be taken at a central monitoring supersite via 1-in-6-day sampling. The OneOC project will include education, training, and capacity building for Santa Ana community members, and extensive, structured collaboration with local government. All OneOC programming and events will be held bilingually in English and Spanish.</p>
Pala Band of Mission Indians	G21-CAGP-27	<p>The Pala Band of Mission Indians (Tribe) project will reduce emissions and improve the air quality on the Reservation through the development of a local community emissions reduction plan (L-CERP). The Tribe will purchase and install three Tempest WeatherFlow weather stations to monitor precipitation, solar radiation, wind speed and direction, temperature, pressure, and humidity. The Tribe will purchase four handheld particulate matter (PM)2.5 monitoring devices for community citizen science engagement, and data telemetry hardware for installation at the Tribe's federal reference method (FRM) and federal equivalency method (FEM) air monitoring stations to transmit particulate matter (PM)2.5 and ozone concentration data in real-time. The Tribe will collect 20 air samples on interface areas between the reservation's community housing and the surrounding agricultural lands for pesticide analysis.</p>

Physicians for Social Responsibility Los Angeles	G21-CAGP-28	<p>Physicians for Social Responsibility – Los Angeles (PSR-LA) will support the implementation of South LA’s targeted local community emissions reduction plan (L-CERP), which is informed by PSR-LA’s South Central Los Angeles Project to Understand the Sources of Air Pollution (SCLA-PUSH). This project will ensure sustainable leadership capacity at the community level in South LA, a designated AB 617 community. PSR-LA will provide South LA community steering committee (CSC) with the community engagement and capacity-building tools needed to ensure AB 617 community-driven emissions reductions. PSR-LA will uplift and enhance popular SCLA-PUSH education tools: the “My Air My Health Pollution Prevention” series and, “What’s up with the Air in South LA: An Assembly Bill (AB) 617 Toolkit.” PSR-LA will also help support South LA’s innovative CSC co-leadership governance model and participatory action research principles to develop communications strategies for PSR-LA to engage South LA residents, local businesses, community-based organizations, and other stakeholders in the AB 617 process. PSR-LA will launch a Just Transition pilot project to transition a Latino-owned dry cleaner in South LA into a professional wet cleaner, reducing reliance on toxic and hazardous materials. PSR-LA outreach will be conducted in Spanish and English.</p>
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Rose Foundation	G21-CAGP-29	<p>The Rose Foundation for Communities and the Environment (Rose Foundation) will establish a youth-led, community-driven, participatory air monitoring program in the Bay Area communities of Richmond/San Pablo (a designated AB 617 community), East Oakland, Bayview Hunters Point, and Pittsburg/Antioch. The Rose Foundation will train youth fellows from these communities to guide the air monitoring process from development to implementation and will choose the location of air monitor sites, the types of devices, and which air toxics or criteria air pollutants to monitor. The Rose Foundation will install and maintain six Purple Air monitors. The project will educate and empower multiple cohorts of youth fellows to identify pathways for long-term air quality improvements and to take ownership of environmental decision-making. Rose Foundation youth fellows will also be trained in data analysis, data mapping, and participatory research to help develop a user-friendly, multilingual public-facing database on local air quality.</p>
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Safer Together	G21-CAGP-30	Safer Together will expand its community-led air monitoring and health equity program, Safer Air, and deploy up to 150 indoor air quality monitors in the San Francisco neighborhoods of Tenderloin, South of Market, Bayview Hunters Point, and Candlestick Park. AirVisual Outdoor and AirVisual Pro monitors will be placed in these locations in partnership with community-based organizations and will provide community members with free access to air quality index dynamic data, carbon dioxide (CO2), and particulate matter (PM) 2.5. Safer Together community care specialists will provide health education to inform these San Francisco neighborhood community members on how to initiate air quality health plans as well as sequence of care based on interpreting outdoor air quality, indoor CO2, and PM2.5 levels. The Safer Together project will provide these neighborhood communities with training and supplies to build and deploy a Corsi-Rosenthal Box, an air filtration device developed as an open-source, cost-accessible, community intervention. Safer Together will also support workforce development by providing employment opportunities in public health for community members and mentorship for youth serving Safer Together's community partners. Outreach materials will be distributed in English, Spanish, and Tagalog.
San Leandro 2050	G21-CAGP-31	San Leandro 2050 (SL50) project will develop a local community emissions reduction plan (L-CERP) to convene a community steering committee to develop a list of projects to build a long term low-carbon, livable San Leandro plan. The SL50 project will expand its reach to Spanish and Cantonese speakers in San Leandro, develop plans for more access points, develop a community needs assessment which includes asset making, and add to a new release of Aclima Data to mapping and analysis.

<p>Santa Ynez Band of Chumash Mission Indians</p>	<p>G21-CAGP-32</p>	<p>The Santa Ynez Band of Chumash Mission Indians (Chumash Tribe) Environmental Office's technical project will improve the resiliency of the Chumash Tribe and surrounding community by detecting air pollutants and communicating to the community when the air quality reaches harmful levels in the area. The Chumash Tribe will collect baseline data to track air quality trends on the Chumash reservation over time and continue to grow the Chumash Tribe's air quality program. This project will update the Chumash Tribe's air monitoring network and chumashair.com website. The Chumash Tribe will build three custom air quality monitors through its subcontractor, Blue Tomorrow, utilizing the most cost-effective, up-to-date technology. The Project will expand community education and outreach, train tribal staff, and build tribal community capacity building through four educational sessions with Tribal staff and community groups.</p>
<p>SEE Social and Environmental Entrepreneurs - Central Valley Air Quality Coalition</p>	<p>G21-CAGP-33</p>	<p>Central Valley Air Quality Coalition (CVAQ), a project of Social and Environmental Entrepreneurs (SEE), will conduct an educational project to support community capacity building and engagement in air pollution rule enforcement in south Stockton, in collaboration with local partners, agency staff, and other stakeholders. CVAQ will coordinate, facilitate, evaluate, air pollution sources of concern and enforcement, conduct public workshops, truck counting activities.</p>
<p>SEE Social and Environmental Entrepreneurs - People's Collective for EJ</p>	<p>G21-CAGP-34</p>	<p>People's Collective for Environmental Justice (PCEJ), a project of Social and Environmental Entrepreneurs (SEE), will conduct an educational project will educate the San Bernardino County unincorporated community of Bloomington and the City of Colton community on the various aspects of air pollution. PCEJ will conduct two community meetings in each community to provide leadership training to a total of 20 community members. This project will also include introducing the community to the High Roads Training Center, which provides job training for electrification (green technical training jobs) on zero-emissions technology. PCEJ will promote green technical job training opportunities to community members to help offset high-risk warehouse job losses in the area.</p>

SEE Social and Environmental Entrepreneurs - Valley Improvement Projects	G21-CAGP-35	Valley Improvement Projects (VIP), a project of Social and Environmental Entrepreneurs (SEE), will expand its emissions reduction strategy for the local community steering committees (L-CSCs) in Stanislaus County, developed and maintained in partnership with Central California Asthma Collaborative (CCAC), the Central California Environmental Justice Network (CCEJN), and the Central Valley Air Quality Coalition (CVAQ). VIP will work to ensure that L-CSCs understand and know how to access opportunities available. VIP will facilitate and support L-CSCs development and implementation of their CERP and will propose new opportunities to reduce or mitigate those emissions. At the same time, the L-CSCs will be expanded to include at least five additional communities in Stanislaus County. VIP will invite the air district and CARB Boards to review the final local community emission reduction plan (L-CERP) for a possible consideration of a recommendation that it be added to the existing AB 617 Community Air Protection Program.
Sequoia Foundation	G21-CAGP-36	The Sequoia Foundation (SF) technical project will establish an air monitoring network across 47 Oakland Unified School District (OUSD) campuses in Oakland. SF and OUSD will implement an Air Quality (AQ) Educators Toolkit to create lesson plans that integrate AQ data into project-based learning and embedded work-based learning activities for high school science, technology, engineering, art, and math (STEAM) courses. SF and high school students enrolled in Higher Ground's Teen Workforce Program will install 47 Clarity Node-S air sensors across the OUSD. SF will establish a 10-person community steering committee (CSC) comprised of educators, community groups, OUSD high school students, and AQ experts, to provide community knowledge, guidance, and priorities to the Toolkit, and promote the air monitoring network with their peers. SF will work with OUSD high school STEM teachers to teach a component from the Toolkit. SF will work with community groups to spread awareness of the new air monitoring network to the general Oakland community and develop user-friendly tools to make the data accessible to concerned citizens and advocacy organizations. All activities will be directed and overseen by the Project CSC.

Soboba Band of Luiseno Indians	G21-CAGP-37	<p>The Soboba Band of Luiseño Indians (Soboba Tribe) will develop a tribal community emissions reduction plan (T-CERP) that will support the Soboba Reservation, a community affected by wildfires, mobile source pollution, and industrial operations surrounding the reservation. The Soboba Tribe will partner with Blue Tomorrow, LLC, to inventory emissions and develop a strategic plan to reduce emissions on and outside of the Reservation. The project will involve the development of a community engagement plan, a community survey, three advisory committee meetings, one training session with Soboba Environmental Department staff, and the installation of three new Tempest WeatherFlow weather stations to monitor local weather conditions, which affect air pollution, on the Soboba Reservation. Weather data will be used to identify the area of concern for the project's emissions reduction plan.</p>
Strategic Energy Innovations	G21-CAGP-38	<p>Strategic Energy Innovation (SEI) will implement the Northern California Community Air Quality Sensor Network and Air Quality Education project, which will serve K-12 classrooms in Mendocino and Shasta Counties affected by wildfire risk air quality issues. SEI will conduct this educational project in partnership with local educational agencies and Sonoma Technology, Inc., which will provide air quality sensor kits and technical assistance to participating classrooms. To establish an effective community air quality sensing program, SEI will distribute low-cost Purple Air sensors to 20 school sites, facilitate a series of up to four Air Quality 101 workshops, provide outreach and engagement materials to community stakeholders, and ensure sensors have been set up properly to collect and share data with the community. SEI will recruit up to 15 teachers in Mendocino and Shasta Counties to implement air quality education in their classrooms, with students and teachers leading the interpretation of collected air quality data. This data will be accessible to the larger community through PurpleAir mapping. SEI will also support career development by connecting students to career pathways connected to air quality, including a "Chat with a Scientist" webinar and a resource library of recorded Green Career webinars.</p>

Sustainable Solano	G21-CAGP-39	<p>Sustainable Solano will empower young people, raise public awareness of air quality issues, and strengthen community capacity through the development of a local community emissions reduction plan (L-CERP) for Rio Vista in Solano County. This project will build on Sustainable Solano's Youth Air Protectors program in Fairfield. Sustainable Solano will work with a total of 10 youth across four cohorts. By connecting with young people in Rio Vista through schools and local partnerships, the Project train students to be community leaders and change-makers within their neighborhoods. Sustainable Solano will deploy 7 PurpleAir monitors to create a real-time air quality monitoring network in Rio Vista. Youth leaders and community partners involved in the project will also develop and help implement one to two Green Infrastructure pilot projects in each city, as modeled in Fairfield. This project will involve community outreach and education through internet advertisements, posters, air quality flags, and tiny libraries with educational materials.</p>
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Tides Center - Hope Collaborative	G21-CAGP-40	<p>Health for Oakland's People and Environment (HOPE) Collaborative will conduct an educational project to create a strategic framework for a "Clean Air East Oakland" plan, bringing a unique citywide geographic focus and a strong history of successful innovative neighborhood planning initiatives, along with a systems change strategy to the communities of East and West Oakland. HOPE's Environmental Justice Cohort (EJC), a rotating group of 8 East Oakland community members interested in engaging in air quality issues and the AB 617 process, will be the leaders in the planning and research of the project. EJC members will engage in eight months of political education, community engagement, and planning. Each cohort will contribute their unique perspectives and experience, along with takeaways from the cohort experience to the Clean Air East Oakland plan. The bulk of this project will be creating a curriculum in partnership with the East Oakland Neighborhood Initiative (EONI) around air quality issues and local government environmental policy for the EJC and a train-the-trainer model that will allow cohort members to educate other East Oakland residents on AB 617, air quality issues and solutions, and pollution sources. HOPE will develop the cohort curriculum, provide stipends for cohort members, create educational materials for community outreach, and host community engagement meetings and events.</p>
Valley Vision	G21-CAGP-41	<p>Valley Vision will develop a local community emissions reduction plan (L-CERP) for the Sacramento County communities of North Sacramento, Oak Park/Fruitridge, and Meadowview. Valley Vision will develop an actionable work plan that includes community engagement support in decision-making through technical assistance, local and state government interaction facilitation, and project evaluation. Valley Vision will help residents build a community-grounded emissions reduction strategy through participatory budgeting. Valley Vision will partner with Civic Thread, Breathe California Sacramento Region, and Green Tech Education and Employment organizations on this project, and will conduct multilingual outreach in Spanish, English, Hmong, and Vietnamese.</p>

United for Justice	G23-CAGP-01	<p>United for Justice will monitor air quality and educate and empower residents in the Imperial County communities of the Salton Sea Basin. This technical project will deploy three air quality (AQ) mesh monitors in the West Shores community along the Salton Sea. The AQ Mesh monitors will provide Salton Sea residents with reliable, real-time air quality data by tracking meteorological parameters and the following air pollutants: particulate matter (PM)10, PM2.5, ozone (O3), nitrogen dioxide (NO2), carbon monoxide (CO), hydrogen sulfide (H2S), and sulfur dioxide (SO2). Education and outreach will also be a main component of the project and a total of 11 community meetings will be held for community members, partners, community-based organizations, and other stakeholders. All educational and outreach materials will be in Spanish and English, and stipends will be provided for community members involved in the project. United for Justice will provide community education and facilitate engagement between community residents and governmental agencies to help provide a better understanding of how to take precautions for the well-being of future generations in West Shores communities.</p>
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