

Exhibit C1 - Scope of Work

Section 3: Scope of Work

The *SCLA-PUSH Advancing Community & Clean Production Solutions* project will build on the capacity-building, community engagement, and technical analysis from the first two rounds of funding to advance strategies identified in the Community Regeneration Plan. Through the South Los Angeles AB 617 CSC co-leadership model, we have identified the need to implement more integrative and innovative approaches to lead a meaningful community engagement process and create co-learning spaces for both community members and regulatory agencies that can amplify co-governance in the decision making process. Therefore, this next phase of the work is well-aligned with the community engagement goals and needs of the South Los Angeles AB 617 CSC, and will focus on collectively building capacity on community engagement in air quality regulation among agencies and community members, conducting a quantitative and qualitative analysis of the AB 617 South Los Angeles implementation, identifying strategies and interventions to advance emissions reduction solutions, and partnering with local small business owners to identify strategies to deploy sector-based and emissions reduction strategies. The end goal is information, partnerships, and best practices to improve public health through successful emissions reductions strategies.

Project Goals and Objectives

Outlined below is a summary of methods and activities our project will use to achieve each objective, including timeline and key milestones and priority tasks (work plan development, technical analysis, community engagement, workforce development, and reporting) for the 18 month grant period. We are not proposing new monitoring as a part of this project. However, if monitoring gaps are identified in the South Los Angeles AB 617 process, the project will deploy additional PurpleAir monitors to the community to fill in those gaps.

Objective 1: Expand and build community engagement and capacity in support of the South Los Angeles AB 617 process.

Between quarter 1 and quarter 3 of this project, PSR-LA, community based organizations, academic partners, and the GIS/Communications consultant will work to create a new AB 617 Air Quality Academy curriculum to continue expanding and building engagement capacity with SCLA-PUSH Air Quality Ambassadors and South Los Angeles residents on AB 617 and air quality regulations. The goal of our renovated AB 617 Air Quality Academy is to utilize popular education, data visualization tools, community science, and ground truthing tools such as the EnviroReport App to strengthen residents' capacity to engage in the South Los Angeles AB 617

implementation and increase residents' direct interactions with regulatory agencies. This work will be realized using a language justice framework, and will provide an important foundation upon which to build co-governance to achieve better public health.

Specific activities will include:

- Launch the second SCLA-PUSH AB 617 Air Quality Academy to train Air Quality Ambassadors and South Los Angeles Community Steering Committee (CSC) members on regulatory actions to reduce emissions and AB 617 implementation.
- Develop a training curriculum in collaboration with partners and SCAQMD to ensure it fills gaps and needs for the AB 617 South Los Angeles CSC and create interactive tools for regulatory agencies engagement with the community, such as PSR-LA's 500 ft tool.¹⁸
- Conduct EnviroReport App South Los Angeles crowdsourcing data collection workshops.
- Host EnviroReport App community air quality report briefs twice a year with residents and regulatory agencies to assess complaints and increase community residents engagement with the local agencies.
- Develop a community driven compliance and enforcement strategy using the EnviroReport App that can strengthen agencies interactions with community members in support of the AB 617 South Los Angeles CERP implementation.
- Work with community outreach leads to identifying promotoras and Air Quality Ambassadors to be hired to support community organizing, outreach, and AB 617 information distribution to target communities.

Objective 2: Conduct a comprehensive analysis and data collection of the South Los Angeles community air monitoring and emissions inventories data, facilities permitting data on enforcement and compliance gaps, and local health data.

Between quarter 3 and quarter 5, PSR-LA and the USC academic team will conduct a comprehensive South Los Angeles community air monitoring data analysis of current and new PurpleAir monitors, CAMP monitoring data, and permitting and emissions inventories assessment to inform AB 617 strategies and begin to assess the benefit of the CERP measures. PSR-LA will also engage community clinic partners to gather detailed community health data to support the overall project and inform health metrics for the AB 617 South LA process.

Specific activities will include:

¹⁸ <https://500ft.psr-la.org/>

- Conduct an analysis of emissions inventories and permitting data of the South Los Angeles industries to better characterize pollution burden and the related health impacts on nearby communities.
- Identify, evaluate and summarize facilities of concern data gaps on permitting, enforcement and compliance barriers, and educational needs, that can inform the implementation of the AB 617 South Los Angeles CERP.
- Conduct a comprehensive data analysis of the South Los Angeles community air monitoring network, including data from current and newly installed monitors, to assess multiple years of air quality data in the community and inform metrics for the South Los Angeles AB 617 CERP and CAMP actions.
- Conduct a Community Science and Air Quality Data demonstration session with community residents and AB617 South Los Angeles CSC members to share the results and provide input into the data visualization tools.
- Expand the SCLA-PUSH data visualization air quality mapping to include facilities of concern and emissions inventories analysis in the entire AB 617 South Los Angeles community boundary in addition to the monitoring data.
- Develop partnerships with local community clinics to collect community level health endpoint and wellness indicators that can support the data analysis and metrics for the AB 617 CERP and CAMP.
- Work with our community clinic partners to develop more granular community health data to support the work of the AB 617 South Los Angeles CSC process and CERP and CAMP implementation.

Objective 3: Conduct a joint analysis of Community Engagement and Agency Data (Objectives 1 and 2) to evaluate the AB 617 South Los Angeles community engagement structure and the regulatory agencies alignment to ensure successful program implementation.

Between quarter 2 and quarter 5, PSR-LA and academic partner Occidental College will conduct a bidirectional evaluation of the AB 617 South Los Angeles community engagement process alongside agency data analyzed from Objective 2 in order to identify gaps and loopholes, ensure the program is community driven, create co-governance, and consider whether and how the emissions reductions can be achieved through this collaborative approach that integrates bottom up engagement with agency technical knowledge. The main goals are to evaluate the community engagement in the AB 617 South Los Angeles process and agency response to community engagement efforts including CSC interactions, CERP development and implementation, and to assess stakeholder relationships in good faith of the AB 617 process.

Specific activities will include:

- Conduct focus groups with residents trained in Objective 1 through the Air Quality training to consider experiences, approach, and perception of participation.
- Create AB 617 South Los Angeles conversations with agency staff to discuss the process of jointly engaging in AB 617 and emissions reduction efforts.
- Integrate analysis with community air quality reporting briefs to examine whether and how app use might facilitate involvement, as well as identify potential pathways for improvement or greater engagement and ways that agencies might be responsive to reporting through app based and other forms of crowdsourced community engagement efforts.
- Consider data gaps and educational needs arising from Objective 2 to create co-learning and collaborative models that help to close data gaps, improve enforcement, and support efforts that better integrate community reporting into ongoing agency activities.
- Integrate data analyses from Objective 2 to understand and identify areas of greater collaboration and responsiveness between agency and community stakeholders.
- Develop tools and templates to gather more systematic feedback from stakeholders on AB 617 recommendations, discussions, and decisions.

Objective 4: Identify strategies to advance best practices and industry specific clean production interventions that can inform AB 617 South Los Angeles CERP actions and implementation.

Between quarter 3 and quarter 5, PSR-LA, academic partners, the technology consultant, and the GIS/Communications consultant will work to identify strategies and interventions needed to advance the SCLA-PUSH Community Regeneration Plan and industry specific clean production strategies and interventions through small businesses outreach, community engagement, and regulatory actions research to inform AB 617 South Los Angeles implementation process.

Specific activities will include:

- Conduct a research and evaluation assessment of regulatory agency programs that can promote the implementation of emissions reductions strategies and interventions for the South Los Angeles community-identified top four industries of concern: Oil and Gas, Dry Cleaners, Autobody Shops, and Metal Facilities.
- Conduct a comprehensive assessment of BACT and BARCT, alternative technologies, and regulatory agency programs, policies, and incentives that can promote the implementation of emissions reductions strategies and clean

production interventions to effectively fill in the gaps for South Los Angeles CERP actions.

- Continue outreach to small business polluters in South Los Angeles to gauge their interest in participating in AB 617 clean production efforts and work to identify opportunities for emissions reduction interventions.
- Conduct listening sessions with small business owners, community members, and other stakeholder experts including the Los Angeles Trade Technology College and the LA Technology Incubator to discuss best practices to reduce emissions and workplace exposures, clean production solutions, access to regulatory agency programs that support greening practices, and educational tools to inform employers about AB 617 and clean production solutions.
- Identify obstacles for small businesses to implement greening practices, access incentives, and participate in conversations about clean production.
- Develop educational and informational materials and tools for South Los Angeles small business owners to understand clean production practices, incentives programs, and other regulatory vehicles to reduce emissions and workplace exposure and maximize community relations and economic development.
- Develop recommendations, including listening sessions and learnings, to inform the South Los Angeles AB 617 implementation focused on the integration of best practices and clean production solutions for the top four identified industries.

Objective 5: Develop a “South LA Pushing Towards Solutions” AB 617 guidelines toolkit as a culmination that highlights recommendations for the AB 617 engagement and implementation process.

Between quarter 4 and quarter 6, PSR-LA and project partners will work to develop the AB 617 “South LA Pushing Towards Solutions” toolkit with the project analysis and evaluation findings to inform South Los Angeles community members, AB 617 South Los Angeles CSC members, small business owners, and regulatory agency representatives on AB 617 community interventions and best practices for engagement (including a language justice and inclusivity framework), strategies for emission reductions and clean production solutions implementation, and other recommendations to facilitate regulatory agencies interactions with community members and amplify South Los Angeles community voices in the AB 617 implementation.

Specific activities will include:

- Develop a “South LA Pushing Towards Solutions” AB 617 toolkit that includes summaries of the project research, AB 617 evaluation and best practices in the form of infographics, fact sheets, info flyers, and other popular education and engaging tools for both virtual and/or in-person interactions.

- Distribute the toolkit educational materials with South Los Angeles community members, AB 617 CSC members, stakeholders, and regulatory agencies to amplify the project's research work.
- Develop toolkit outreach materials and expand the SCLA-PUSH website.
- Conduct a toolkit briefing session to gather feedback and develop steps for implementation in collaboration with community members and regulatory agencies.

Milestones:

The proposed project activities and milestones are as follows.

- Creation of a new popular education module for AB 617 implementation, with at least 40 Air Quality Ambassadors, CSC members, and regulatory agencies representatives engaged in the final training.
- Engagement of at least 30 residents and 10 regulatory agencies representatives in EnviroReport App crowdsourcing data collection workshops; conducting twice a year meetings between residents and regulatory agencies to discuss data collected and steps underway to reduce emissions.
- At least 20 residents and 10 regulatory agencies representatives engaged in a demonstration session to share the results of the emissions inventory and enforcement analysis to provide input into the data visualization tools, resulting in an expanded SCLA-PUSH data visualization air quality mapping tool.
- At least 5 small business owners, 10 community members, and other stakeholder experts engaged in listening sessions targeting the 4 priority industry sectors, leading to development of educational and informational materials, and tools for small business owners.
- Completed monitoring, emissions inventory, permitting and local health data internal analysis report on facilities of concern to inform final recommendations for the South Los Angeles AB 617 CERP implementation, as well as a community-driven compliance and enforcement strategy.
- Created partnerships with 2 local community clinics through the South Side Coalitions of Community Clinics to collect community level health endpoint and wellness indicators.
- At least 10 residents and 5 agency representatives engaged in focus group meetings about AB 617 and emissions reductions efforts, with collected input used to inform the "South LA Pushing Towards Solutions" toolkit.
- "South LA Pushing Towards Solutions" toolkit distributed to stakeholders and posted on SCLA-PUSH website; 30-40 residents engaged in a toolkit briefing.
- 3 of community members employed by project partners to support the project.
- Submission of biannual reports and a final grant report to CARB.

Tasks:

Task 1: Work Plan Development:

Goal: establish a clear work-flow to ensure effective and meaningful implementation of the project.

- Project Manager engages SCLA-PUSH Executive Working Group to create a thorough work plan that outlines tasks, responsible parties, timeline, and resources needed to the greatest detail available.

	<u>Task 2: Technical Analysis</u>	<u>Task 3: Community Engagement</u>	<u>Task 4: Workforce Development</u>
Goals	-Identify and track community-defined metrics for project success.	-Ensure meaningful, resident- and agencies-informed work through capacity-building and co-learning opportunities.	-Provide income-earning opportunities for community members to support project implementation.
Objective 1: Expand and Build Capacity	-Develop a community driven compliance and enforcement strategy.	-Launch the second SCLA-PUSH AB 617 Air Quality Academy. -Develop curriculum for AB 617 needs. -Conduct EnviroReport App community air quality briefs. -Facilitate meetings between residents and agencies on EnviroReport.	-Work with community outreach leads to identifying 3 promotoras and Air Quality Ambassadors to be hired to support community organizing and outreach. -AB 617 information distribution to target communities and businesses.
Objective 2: Conduct Comprehensive Air Monitoring	-Conduct analysis of emissions inventories, monitoring data,	-Conduct a demonstration session to share results.	-Engage hired community residents to help with outreach and

<p>and Permitting Data Analysis</p>	<p>public health, and permitting information.</p> <p>-Identify, evaluate, and summarize data on facilities of concern.</p> <p>-Assess PurpleAir monitors together with regulatory monitoring efforts -</p> <p>-Leverage open source data analysis tools to QC the PurpleAir data and assess data quality.</p> <p>-If needed, deploy additional PurpleAir monitors to fill in data gaps identified by community and analysis of data.</p>	<p>-Get input on data visualization.</p> <p>-Expand SCLA-PUSH data visualization mapping tool.</p>	<p>information sharing.</p>
<p>Objective 3: Joint analysis of AB 617 process</p>	<p>-Integrate data analysis from Objective 2 to identify areas of greater collaboration between residents and agencies.</p>	<p>-Facilitate focus groups with residents and agency representatives to discuss AB 617 process.</p> <p>-Develop tools and templates to gather feedback from stakeholders.</p>	<p>-Engage hired community residents to help with outreach and information sharing.</p>
<p>Objective 4: Best practices for industry</p>	<p>-Conduct assessment of regulatory programs that promote emission reduction strategies in target</p>	<p>-Outreach to small businesses, including listening sessions.</p> <p>-Identify obstacles and develop informational</p>	<p>-Engage hired community residents to help with outreach and information sharing.</p>

	<p>sectors.</p> <p>-Conduct research of technologies, programs, policies, and incentives to promote emissions reductions to develop recommendations for the AB 617 implementation.</p>	<p>and educational materials for small business owners.</p>	
<p>Objective 5: “South LA Pushing Toward Solutions” Toolkit</p>	<p>-Compile research and data to inform toolkit development.</p>	<p>-Develop a toolkit with summaries of research, evaluation, and best practices</p> <p>-Distribute the toolkit to stakeholders, including on the website.</p> <p>-Organize a briefing session to gather feedback and next steps from the community.</p>	<p>-Engage hired community residents to help with outreach and information sharing.</p>

Task 5: Reporting

Goal: ensure effective communication between project partners as well as effective documentation of project activities and outcomes.

- Biweekly meetings between the Project Manager and SCLA-PUSH Executive Working Group to assess progress of project implementation, ensure compliance with timeline and grant requirements, identify challenges, make corrections, and review materials.
- Biweekly meetings between the Project Manager, Academic Partners and Technology Consultants to assess progress on the technology assessment, identify data gaps, and make decisions on the development of the assessment.
- Biannual reports to CARB on progress for each task, obstacles encountered or lessons learned, and next steps.
- Compilation and publication of a final grant report, including a summation of metrics/outcomes.

Alignment with Community Air Grant Project Priorities

This project aligns with the Community Air Grant Project Priorities in the following ways:

- SCLA-PUSH is building on relationships with community residents to further build their capacity and engage them in decision-making on this project.
- The Community Regeneration Plan is a product of robust community engagement, data collection, and community priority-setting to identify top strategies for implementation.
- This project is leveraging existing resources that PSR-LA had raised from the Energy Foundation, California Endowment, Disney Foundation and the Libra Foundation. PSR-LA's in-kind support for the project costs covers additional salary, travel, food, incentives, and staff time for engaging in the labor intensive AB 617 CSC and other regulatory process.
- This project is building on two previous grants that established strong collaborative partnerships with community-based organizations, academic institutions, technical experts, local small businesses, and residents.
- This project fosters workforce development by employing resident leaders to help implement the project.
- This project advances environmental justice by implementing community-identified, sector-based strategies to improve air quality in an overburdened community, thereby building community capacity and improving public health.
- This project is implementing new strategies and interventions that, if successful, will inform regulatory, investment, and policy actions across the South Coast Air Basin and throughout California. For example, many communities outside of South Los Angeles are impacted by emissions from the small business sectors identified in the Community Regeneration Plan, so successful advancement of these sector-based strategies could inform actions that will improve the health of communities across the country.

Anticipated Project Benefits

The majority of census tracts in the South and Southeast community plan areas are already designated in the top 5-10% most vulnerable to pollution and socio-economic conditions. Therefore, we anticipate the project will benefit the most overburdened communities in South Los Angeles by creating real improvements in air quality and quality of life conditions. Through the implementation of the *SCLA-PUSH Advancing Community & Clean Production Solutions* project, we will continue to develop an accurate picture of the complex intersection of air quality, health, cumulative burden,

and environmental justice in South Los Angeles while implementing potential solutions to reduce air pollution emissions. We expect community voices and their expertise to substantially drive their vision for real change in the physical and social environment. The process will support residents in implementing a tangible plan that can lead to creating healthier and more thriving communities in South Los Angeles.

In addition, we expect the following outcomes:

- An increase in community awareness regarding emissions trends, public health impacts, and air pollution emissions reduction technologies that allows communities to dictate solutions and start transforming the regulatory structures that govern air quality regulation.
- A highly skilled cadre of Air Quality Academy graduates who understand alternative solutions and emissions reductions technologies that can transform air quality conditions in South Los Angeles.
- Improved data and tools that increase communities and advocates ability to understand the technologies available that lead to emissions reductions.
- Stronger collaboration between the communities, advocates, academics, regulatory agencies, and industries/businesses committed to advancing a plan that can outline recommendations on how to improve air quality and quality of life conditions
- Measurable improvements to the qualitative and quantitative metrics identified by the community at the start of project implementation.

Potential Challenges

The ongoing COVID-19 pandemic presents unique challenges to community-based projects, as traditional outreach and engagement methods pose potential health risks. We plan to deploy best practices for community engagement from the pandemic, including Zoom meetings and COVID-19 protocols for in-person events, to ensure participants and project partners are safe.

Further, ongoing regulatory engagement at SCAQMD and CARB - not the least of which includes the 2022 Scoping Plan process - may strain project partner and community resources during the project timeline. We plan to strategize with the project team and potentially seek outside consultant assistance to manage those demands on our time to ensure effective and timeline project delivery.