



Promoting Public Health through Cross-Sector Funding: Linking Chronic Disease Prevention & Climate Change

Prepared by: CDPH Office of Health Equity – Climate Change & Health Equity Program (v9.2019)



Climate Change & Health Equity Program
California Department of Public Health

California Climate Investment (CCI) Programs

www.caclimateinvestments.ca.gov



CCI Funded Projects and Communities:

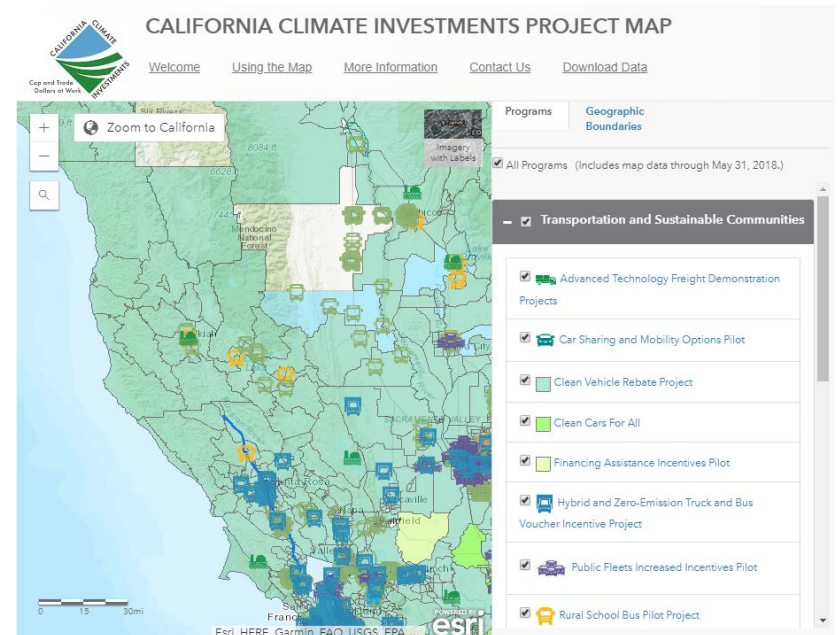
<https://webmaps.arb.ca.gov/ccimap/>

An [interactive map](#) is available that displays where all investments of California Climate Investment funds have been spent, searchable by program or geographic boundaries. On the top right of the page you can also download an Excel spreadsheet of implemented projects, and sort in various ways.

California Climate Investments Funding Wizard:

<https://fundingwizard.arb.ca.gov/search/CCI>

Grant opportunities that have a greenhouse gas emissions reduction component are listed here, with the application due dates, award amounts, and description. Sortable by assistance type, category, eligible applicant, and funding entity.



Potential Partnership Opportunities in CCI Programs for Local Health Departments:

- **Apply for and receive funds directly**
 - *Example:* Urban Greening Program and Active Transportation Program
- **Be sub-applicant or partner with lead applicant**
 - To support community engagement and planning for project, provide data, or support evaluation.
 - *Example:* bicycle safety or Safe Routes to School (SRTS) programs for Affordable Housing and Sustainable Communities projects, Urban Greening, SB1 Sustainable Communities, or Urban Forestry components
- **Outreach partner for administering agency**
 - Let public health clients know what programs exist that they may be eligible for.
 - *Example:* Contra Costa County Public Health Nurses connecting clients with related health conditions to Low Income Weatherization Program administered by County weatherization program.

*SDoH = social determinants of health

Climate Grants Act on Health Determinants

Emissions Reduction Grant Strategy	Health Determinants Potentially Affected	Health Conditions Potentially Improved
Parks & Greening	Physical activity, heat, noise, air pollution, social cohesion	Cardiovascular, respiratory, heat-related illness, mental health, hearing
Housing & Buildings <i>(affordable housing, residential stabilization, weatherization, green buildings)</i>	Housing availability, quality, 'heat or eat dilemma', exposure to pests, hazards, and toxins, commute times & modes	Mental health, cardiovascular, respiratory, injuries, poisonings, cancer, infections, headaches, heat-related illness
Land Use & Transportation	Physical activity, access to healthy foods, commute times & modes, safety, air quality	Cardiovascular, cancer, osteoporosis, respiratory, mental health, injuries, birth outcomes
Green Jobs & Economic Development	Employment, working conditions, stress, economic security, wealth inequality	Occupational illnesses/injuries, mental health, life expectancy, overall health
Reducing Co-Pollutants of GHGs	Air quality	Cardiovascular, respiratory, heat-related illness, birth outcomes, cancer
Community Engagement	Social cohesion, power, self-efficacy, policy/economic changes, living conditions	Mental health, overall health, health inequities

Potential Grant Programs Relevant to Local Health Departments:

Grant Program	Description of Grant	LHD Eligibility to Apply / Partner	Possible Partners	SDoH* Addressed	Case Examples
CCI: Transportation & Sustainable Communities					
Active Transportation Program (ATP) Link to Program	Increase biking and walking through active transportation plans, infrastructure, and non-infrastructure (including safe routes to schools and other programs to educate and encourage biking and walking); reduce GHG emissions	Direct recipient, but must obtain Master Agreement (six month process)	County planning, transportation, or public works departments, or cities with existing Master Agreement	Built environ., Land use, Transportation	1) Riverside County University Health System 2) Monterey County Health Dept. (p. 10-12)
Transformative Climate Communities (TCC) Link to Program	Catalyze collective impact through place-based community-led development and infrastructure projects that achieve major environmental, health, and economic benefits, and reduce GHG emissions	Co-applicant, OR partner to support community engagement, data, and assessment of problem	Cities, Counties, community-based organizations, non-profits, joint powers authority, tribal governments	Built environ., Land use, Transportation, Housing, Food, Energy, Water, Jobs	City of Ontario utilized public health process for community engagement to win grant

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Grant Program	Description of Grant	LHD Eligibility	Possible Partners	SDoH*	Case Examples
CCI: Transportation & Sustainable Communities					
Affordable Housing and Sustainable Communities (AHSC) Link to Program	Build and preserve affordable housing, link housing to mobility options including walking and cycling, parks, trees, and greening infrastructure, and food access; reduce GHG emissions	Sub-applicant if implementing related program as part of application, OR partner to support community engagement	City and County transportation, housing, and planning departments	Built environ., Land use, Transportation, Housing, Food, Jobs	Los Angeles County Dept. of Public Health supported County in applying for several grants
CCI: Clean Energy and Energy Efficiency					
Low-Income Weatherization Program (LIWP) Link to Program	Reduce residential energy expenses for low-income households through energy efficiency upgrades and solar photovoltaic (PV) systems, reduce GHG emissions by saving energy, generating clean energy	Partner	Weatherization contractors and non-profits who receive LIWP funding	Built environ., Housing, Energy, Jobs	Contra Costa County Health Services Pilot Project (p. 10-11)
CCI: Natural Resources and Waste Diversion					
Urban Greening Link to Program	Create, enhance, or expand community parks and green spaces, plant trees, and/or construct bicycle paths, bicycle lanes or pedestrian facilities to promote active transportation and GHG reduction	Direct recipient OR partner (support planning, community engagement, data evaluation)	Cities, Counties, non-profits, joint powers authorities, special districts	Built environ., Land use, Transportation, Jobs	Madera County Public Health Dept. for The Health Trail (see fourth paragraph)
Urban & Community Forestry Link to Program	Optimize the benefits of trees & vegetation, including improving parks, trails, recreation areas, urban settings to increase value of outdoor experiences and opportunities for physical activity to improve public health	Partner to support community engagement, project planning, provide data, evaluation	Cities, Counties, qualifying districts, non-profits	Built environ., Land use, Transportation, Jobs	

Senate Bill (SB) 1 – The Road Repair and Accountability Act of 2017: Funded Grant Programs

<http://rebuildingca.gov/>

Grant Program	Description of Grant	LHD Eligibility	Possible Partners	SDoH*	Case Examples
SB 1: Caltrans Transportation Planning Grant Program					
Sustainable Communities Grants Program Link to Program	Encourage local and regional planning that promotes reliable, accessible, and efficient mobility options; decreases exposure to local pollution sources, reduces serious injuries and fatalities on the transportation system, promotes physical activity; advances social equity; and GHG reduction	Partner (support planning, community engagement, data provision, implement projects through programming or policy support)	Cities, Counties, MPOs, RTPAs, transit agencies, tribal govts., universities/CCs, CBOs, non-profits	Built environ., Land use, Transportation, Housing, Jobs	OC Healthcare Agency was sub-applicant on OC Transport. Authority's app. to develop, implement SRTS Action Plan.

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Grant Program	Description of Grant	LHD Eligibility	Possible Partners	SDoH*	Case Examples
SB 1: Caltrans Transportation Planning Grant Program					
Adaptation Planning Grants Program Link to Program	Support planning actions at local and regional levels that advance climate change efforts on the transportation system, address climate change impact risks to multimodal transportation infrastructure	Partner to support community engagement and planning for project, provide data	Cities, Counties, MPOs, RTPAs, transit agencies, tribal govts., universities/CCs, CBOs, non-profits	Built environ., Land use, Transportation	

Public Health and Climate Change Resources and Tools used in CCI / State Grant Guidelines:

These tools are embedded in many state grant guidelines to identify populations facing inequities and climate vulnerability to prioritize intervention strategies that reduce greenhouse gases, climate vulnerability, and health inequities.

California Healthy Places Index (HPI):

<https://healthyplacesindex.org/>

HPI is an interactive data and mapping tool that provides a detailed snapshot of the social determinants of health (SDoH) across California. HPI provides comparison rankings of Census tracts statewide and an accompanying policy action guide. It can be a useful tool in prioritizing areas with high levels of social and economic disadvantage for funding, policy, and planning interventions. HPI was developed by the Public Health Alliance of Southern California in collaboration with health departments and data experts across the state. For more information on the HPI, including how to calculate a score for your project area and suggested project types for improving public health, visit <https://healthyplacesindex.org/>.

California Department of Public Health (CDPH) Climate Change and Health Profile Reports (CHPRs):

<https://www.cdph.ca.gov/Programs/OHE/Pages/ClimateHealthProfileReports.aspx>

The CDPH CHPRs are designed to help California counties prepare for the health impacts related to climate change through climate adaptation planning. The reports present projections for county and regional climate impacts, the climate-related health risks, and local populations vulnerable to climate effects. The information is based on available science compiled from previously published, state-sponsored research and plans.

CDPH Climate Change and Health Vulnerability Indicators for California (CCHVIs):

<https://www.cdph.ca.gov/Programs/OHE/Pages/CC-Health-Vulnerability-Indicators.aspx>

CDPH developed the CCHVIs, and makes available narratives and data to provide local health departments and partners the tools to better understand the people and places in their jurisdictions that are more susceptible to adverse health impacts associated with climate change, specifically extreme heat, wildfire, sea level rise, drought, and poor air quality. The assessment data can be used to screen and prioritize where to focus deeper analysis and plan for public health actions to increase resilience. The CCHVI's can be viewed on *CCHVIZ*, an interactive data visualization platform: <https://discovery.cdph.ca.gov/ohe/CCHVIZ/>. *The CCHVIs have also been incorporated into the HPI as decision support layers, to better integrate addressing health outcomes associated with climate change and various social determinants of health.*

CDPH Healthy Communities Data and Indicators Project (HCI):

<https://www.cdph.ca.gov/Programs/OHE/Pages/HCI-Search.aspx>

The goal of the HCI is to enhance public health by providing a standardized set of statistical measures, data, and tools that a broad array of sectors can use for planning healthy communities and evaluating the impact of plans, projects, policy, and environmental changes on community health. The Healthy Community Framework identifies 20 key attributes of a healthy community through all stages of life, clustered in five broad domains. HCI data indicators, narratives, and visualizations can be found here: <https://www.cdph.ca.gov/Programs/OHE/Pages/HCI-Search.aspx>.

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