

The Public Facility Resiliency Implementation Project

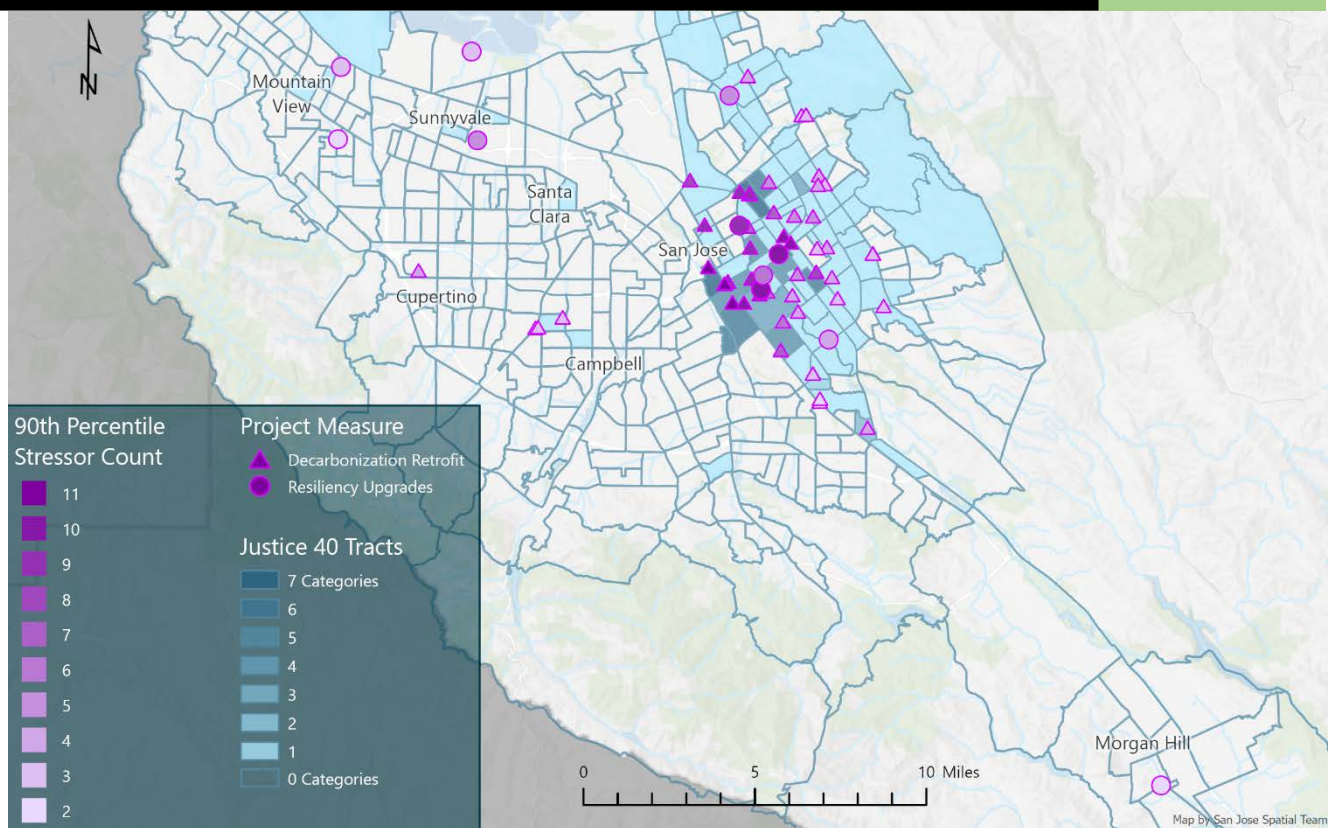
Climate Pollution Reduction Grants Program: Implementation Grants General Competition

Application led by Silicon Valley Clean Energy

In coalition with the Cities of San José, Sunnyvale, Morgan Hill, Mountain View, and Cupertino, CA

A pilot of the *County of San Benito and County of Santa Clara MSA Priority Climate Action Plan*, Measure BE-2 "Establish a Public Facility Community Resiliency and Implementation Fund", page 19

PCAP Available Online at: www.climatecollaborativescc.org/climate-mitigation



PFRIP will be a transformative project achieving zonal decarbonization across Santa Clara County, California. This project will drive green market equipment and workforce demand, inject vitality and climate awareness, and accelerate adoption of climate adaptation measures in the community. Through a regional coalition, PFRIP will construct major decarbonization and resiliency projects at 62 critical public facilities located in EPA-recognized disadvantaged communities (shown in the map above), including electric infrastructure retrofits and creating resiliency centers with electric vehicle charging and coupled solar/battery storage, or microgrids. PFRIP can reduce up to 2,100,860 MT CO² greenhouse gas emissions from 2025-2030 and 41,786,153 MT CO² from 2025-2050; and aims to capture real-time GHG reductions, identify contracting, permitting, and technical challenges, and develop a program to address hurdles for electrifying public facilities that will be nationally scalable. The project includes related equity analysis, performance evaluation, community engagement and workforce development that will create job training opportunities for low income residents and engage and empower local citizens in the climate adaptation process.

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