

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge	1	Conduct studies to better understand site- and system-specific vulnerabilities and potential interventions for mobilehome parks, City facilities, and water system.	VS-1	Study nature-based and infrastructural strategies to protect mobilehome parks located in frequent riverine flooding, projected sea level rise locations, or areas with storm drain deficiencies/ issues which can be exacerbated with sea level rise.
Knowledge			VS-2	Identify facilities in each neighborhood for Resilience Hub upgrades. Prioritize facilities that: *Serve and/or are located within 3 miles of identified socially vulnerable communities per Climate Vulnerability and Equity Assessment; *Are located near major transportation nodes; and/or *Align with Measure T projects.
Knowledge			VS-3	Conduct engineering-level assessments of City facilities to understand project feasibility at facilities prioritized by previous PW studies of potential microgrid sites.

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge			VS-4	Identify systems and technologies that can reduce water demand and/or increase non-potable water sources.

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge			AF-1	Pursue a sustainable funding source for City adaptation and resiliency projects, such as a fund that is self-replenished through available tax credits and/or a bond.
Knowledge			AF-2	Determine what CARP measures will be accomplished through the existing capital improvement program (CIP). When measures are already part of the CIP: *Assess whether additional sources of funding are necessary to implement the measures related to additional strategies called for in the CARP. *Assess opportunities for departments to join projects or collaborate if measures are part of individual department CIPs.

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge	2	Explore options to fund the CARP climate resilience and adaptation efforts.	AF-3	Develop a list of high priority grants to pursue.
Knowledge			AF-4	Develop a list of revenue generating measures to pursue.
Knowledge			AF-5	Provide grant writing support to departments that are less familiar with preparing grant applications. Hire consultants as needed to support grant applications.

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge			AF-6	Pursue partnerships to share costs or achieve greater impact. May include partnerships with green banks and other financial building retrofits and other community-focused measures.
Knowledge			SA-1	Participate in the development of the subregional shoreline adaptation plan that complies with the RSAP guidelines. Prioritize nature-based adaptation in the plan in alignment with the RSAP guidelines and the One Bay Vision.

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge	3	Develop a shoreline adaptation plan that complies with requirements in the Regional Shoreline Adaptation Guidelines (RSAP) and continue to implement shoreline protection and restoration projects.	SA-2	Continue support for multi-agency shoreline protection projects, including the South Bay Salt Pond Restoration project and the South San Francisco Bay Shoreline Project.
Knowledge			SA-3	Identify priority levee or flood protection projects in coordination with Valley Water to protect the community and infrastructure from sea level rise while restoring ecosystems, increasing open space and recreation areas, and providing habitat.

Category	Measure #	Measure	Strategy #	Strategy Description
Knowledge	4	Identify Tier 1 priority streets, such as the Grand Boulevards, and bike lanes for priority clearing of leaves, branches, and debris after major storms.	PS-1	Identify Tier 1 and Tier 2 Priority Corridors, trails, and intersections that align with major transit routes, evacuation routes, and community input for the prioritized clearing of leaves, branches and debris after major storms. Incorporate into General Plan and Trails Master Planning GIS layer, identifying emergency shelters, community centers, and transit hubs.
Knowledge			PS-2	Identify key transportation access routes to/from community facilities as needed (i.e. flood protection, etc.) to allow access during climate hazard events and conduct upgrades as needed.
Governance and Policy			IC-1	Establish the Climate Ready Working Group as a formal entity within the structure of the City

Category	Measure #	Measure	Strategy #	Strategy Description
Governance and Policy	5	Develop structures to facilitate coordination among City departments for the implementation of the CARP.	IC-2	Establish metrics, indicators, and procedures for departmental staff to track and report on the CARP measures and actions.
Governance and Policy			IC-3	Identify opportunities in the CIP to promote climate resilience consistent with the CARP.
Governance and Policy	6	Collaborate with regional agencies that operate critical infrastructure in San José.	AC-1	Participate in regularly scheduled meetings to coordinate with Valley Water, VTA, PGE, and other state and regional entities.
Governance and Policy			AC-2	Continue engagement and leadership with County and subregional bodies, including but not limited to BCD, BayCan, and SC4.

Category	Measure #	Measure	Strategy #	Strategy Description
Governance and Policy			AC-3	Identify and carry out opportunities to collaborate between the regional and subregional agencies to maximize the benefits of infrastructure and adaptation investments. Continue leadership roles on the SC4 Resiliency Fund Advisory Committee and the Public Facility Resilience Implementation Program Coalition.

Category	Measure #	Measure	Strategy #	Strategy Description
Governance and Policy	7	Empower and coordinate with community liaisons to support the City's climate adaptation and resilience measures.	AG-1	Identify the City commissions and advisory groups that should incorporate climate resilience in their role.
Governance and Policy			AG-2	Modify the bylaws and responsibilities of the identified commissions and advisory groups to formalize inclusion of climate resilience in the types of items they review.
Governance and Policy			AG-3	Develop and implement trainings for commission and advisory group members about climate change impacts in San José, tailored to the kind of business they discuss.
Governance and Policy	8	Update the CARP as climate science and adaptation approaches evolve.	CU-1	Update the CARP every five years to align with state guidance, incorporate best available climate projections, and implementation status of CARP measures.
Governance and Policy	9	Incorporate climate change projections and climate hazards into design and siting decisions for City infrastructure.	CD-1	Adopt and implement design standards to account for current and future extreme heat events, flooding, SLR, and wildfires/wildfire smoke in design standards for City infrastructure and facilities.
Governance and Policy			CD-2	Develop EV charging design standards to support continued operation of fleet vehicles during a climate-related emergency.

Category	Measure #	Measure	Strategy #	Strategy Description
Governance and Policy			CD-3	Review the design standards every 3-5 years to consider advancements in technology and performance data from City buildings and update as feasible.
Governance and Policy	10	Explore local code amendments for new private development that reduce the impacts of climate hazards.	PD-1	strengthen City's codes and design standards to require climate-resilient building and site-planning practices including: *Fire: Adopting more stringent ignition-resistant construction, defensible space clearance, and other wildland fire safety practices than what is required by the California Wildland-Urban Interface Code (Title 24, Part 7). Standards could also be applied to more areas beyond the High or Very High Fire Hazard Severity Zones put forth by the state. *Flood/SLR: Incorporating SLR-related flooding impacts in the Flood Ordinance and implementing Low Impact Development (LID) requirements. *Heat/extreme weather:
Governance and Policy			PD-2	Develop publicly accessible informational resources explaining changes to City codes and design standards per PD-1.

Category	Measure #	Measure	Strategy #	Strategy Description
Governance and Policy			PD-3	Include a narrative regarding climate adaptation and resilience considerations to the Climate Smart section of Committee and City Council memorandum templates.
Governance and Policy	11	Evaluate policies to manage development in climate hazard-prone areas.	DR-1	Evaluate the City's General Plan, Municipal Code, Council Policies, and other relevant planning documents and hazard-related ordinances to identify existing policies related to development in areas vulnerable to climate hazards. Assess the gaps and opportunities to encourage resilient development patterns, and restore and protect ecosystems.
Governance and Policy			DR-2	Consider updates to the City's General Plan, Municipal Code, Council Policies, etc. in alignment with the findings of DR-1.
Governance and Policy		Collaborate with VTA and other	TE-1	Define clear criteria for when reduced fare or free transit services should be activated, as well as when service suspensions may be necessary during climate-related emergency events.

Category	Measure #	Measure	Strategy #	Strategy Description
Governance and Policy	12	transit service providers to provide enhanced transit service between communities with low car ownership and heating/cooling shelters or resilience hubs during extreme weather events and other climate-related emergencies.	TE-2	Identify funding opportunities for providing reduced-fare or free transit services during climate-related emergency events.
Governance and Policy			TE-3	Identify vulnerable areas and key routes that will require continued transit access during climate-related emergency situations.
Governance and Policy			TE-4	Collaborate with VTA to develop a plan for deploying supplemental transit shuttles along evacuation routes and to/from resilience hubs. The plan should prioritize service to vulnerable areas, with designated pick-up and drop-off zones.
Structural		Upgrade community-serving municipal facilities (such as	RH-1	Update electrical infrastructure to support battery backup systems and island operations at facilities as identified in VS-2. Install battery backup systems or other onsite backup power systems to allow for continuous power during grid outages.
Structural			RH-2	Install and/or upgrade EV chargers and associated electrical service at facilities as identified in VS-2.

Category	Measure #	Measure	Strategy #	Strategy Description
Structural	13	recreation facilities, community centers, cultural facilities, and libraries) to ensure functionality during climate hazard events and establish accessible resilience hubs across San José.	RH-3	Upgrade HVAC systems to be able to run on backup power and handle wildfire smoke and higher temperatures. This may include upgrading HVAC air filters to MERV ratings of at least 13, installing HEPA air purifiers to capture small particles from wildfire smoke or other forms of air pollution, and reduce air leakage from walls, windows and roofs.
Structural			RH-4	Coordinate with City departments that manage and run the facilities to create emergency supply storage and stock secure area with essentials (water at a minimum).

Category	Measure #	Measure	Strategy #	Strategy Description
Structural	14	Develop and implement public and private green stormwater infrastructure (GSI) projects to capture stormwater,	GS-1	Work with Santa Clara County and SFEI to identify priority areas and projects that would benefit most from green stormwater infrastructure based on watershed or hydrology analyses, equity and community need, and infrastructure opportunities.
Structural			GS-2	Follow directions on green stormwater infrastructure described in the Complete Streets/Design guidelines.

Category	Measure #	Measure	Strategy #	Strategy Description
Structural		reduce flooding, and mitigate extreme heat.	GS-3	Increase stormwater capture (through green stormwater infrastructure and low impact development) and natural treatment to improve water quality entering creeks and to enhance the groundwater recharge capacity of the Santa Clara Subbasin.
Structural			HVAC-1	Further develop San José Clean Energy's EcoHome incentive and financing programs to increase access to electric heat pump HVAC systems for residents (especially in socially Vulnerable communities) and potentially businesses.

Category	Measure #	Measure	Strategy #	Strategy Description
Structural	15	Improve HVAC and air filtration systems to handle higher temperatures and more frequent days with poor air quality.	HVAC-2	Promote/build on available non-City incentive programs to increase incentives for HVAC upgrades, such as the Home Electrification and Appliance Rebates program, Home Efficiency Rebates program, and the Energy Savings Assistance Program.
Structural			HVAC-3	Explore establishing a rebate or check out program for portable air conditioners that can be deployed to low-income communities and households during more frequent heat waves. See the Los Angeles Cool LA Program, which offers free portable air conditioning units to residents over age 60, on fixed incomes, or enrolled in the EZ-SAVE or Lifeline discount rate programs.

Category	Measure #	Measure	Strategy #	Strategy Description
Structural	16	Support infrastructure improvements to mitigate urban heat.	UH-1	Expand and maintain the tree canopy on City-owned streets, facilities, and public spaces in alignment with the Community Forest Management Plan to reduce heat exposure and protect infrastructure.
Structural			UH-2	Implement Natural and Working Land Element policies and actions to preserve, expand, restore, and enhance natural and working lands.
Structural			UH-3	Research, pilot, and implement the most effective street-level strategies to reduce urban heat, such as cool pavements, increased tree canopy, and other urban greening approaches.

Category	Measure #	Measure	Strategy #	Strategy Description
Structural	17	Upgrade transit stops to provide shade and avoid flooding.	TF-1	Partner with VTA and other transit agencies to support the installation of adequate shading at transit stops, stations, and park-and-ride lots to protect riders from extreme heat.
Structural			TF-2	Assess feasibility to relocate or elevate transit routes and facilities that are vulnerable to flooding. Consider rerouting relevant bus transit lines and elevating bus stop platforms to provide safe, dry waiting areas during flood events.
Structural			TF-3	Assess opportunities to upgrade transit infrastructure to become more heat resistant. This can be done by installing heat-reducing roof treatments such as cool roofs or using high-albedo roofs, or implementing cool pavement projects near transit stops.

Category	Measure #	Measure	Strategy #	Strategy Description
Communication	18	Provide information through community-serving City facilities, trusted organizations, the City's Community Emergency Response Team (CERT) program, and the City's website to build community members' knowledge of how to mitigate and be prepared for climate hazard events.	CI-1	Provide information at community-serving City facilities (e.g. libraries, community centers, and other facilities) about how to prepare for and what to do during heat waves, wildfires, flooding, or other climate hazard events.
Communication			CI-2	Provide information and guidance about City resources available during climate hazard events to vulnerable populations (including unhoused and older adult residents).
Communication			CI-3	Incorporate climate adaptation and resilience information on the City website.
Communication			CI-4	Conduct outreach to increase participation in existing City emergency notification systems.

Category	Measure #	Measure	Strategy #	Strategy Description
Communication			CI-5	Continue to administer the CERT program to educate volunteers from the community about disaster preparedness for hazards. If not already part of the CERT curriculum, consider developing modules specific to climate hazard impacts experienced in San José, such as medical training related to extreme heat.

Category	Measure #	Measure	Strategy #	Strategy Description
Communication	19	Expand relationships with CBOs, focusing on those that serve socially vulnerable communities, to improve climate hazard resource sharing.	CBO-1	Establish formalized collaborative relationships with CBOs in the city.
Communication			CBO-2	Work with the CBOs to co-develop an understanding of how climate change may impact their service population and identify how climate resilience can be incorporated into their programs, long-term planning, workflow, etc.
Communication			CBO-3	Identify communication channels that could be used to raise awareness of City resources to address heat, flooding, and other climate hazard events.
Communication			CBO-4	Work with CBOs to provide support for affected communities during and after a climate hazard event by helping communities access essential services.
<i>*Potential Key Collaborators Acronym Definitions: City Manager’s Budget Office (BO); Department of Transportation (DOT); Energy Department (ED); Environmental Services Department (FIN); Fire Department (SJFD); Housing Department (HSG); Library (LIB); Planning and Development and Cultural Affairs (OEDCA); Office of Emergency Management (OEM); Police Department (PD); Public Works Department (PW); Regional Council on Neighborhood Services (PRNS); Planning, Building & Code Enforcement (PBCE); Public Works Department (PW).</i>				

Key Collaborators*	Planned Implementation Activities
ED, HSG	None/ Unfunded
ED, PW, PRNS	City staff, utilizing Extreme Heat and Community Resilience Program and BayREN Decarbonization Showcase grant funding, are working to develop the City's first resilience hub at Roosevelt Community Center and will continue to pursue funding for full build out and expansion to other City facilities.
PW, ED, PRNS	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ESD, Valley Water	José operates South Bay Water Recycling (SBWR), which produces and delivers over 4 billion gallons of recycled water each year to over 900 commercial customers. SBWR continuously aims to increase capacity to meet the growing needs of recycled water customers throughout the San José community. Additionally, City staff are working in partnership with the Santa Clara Valley Water District (Valley Water) on

Key Collaborators*	Planned Implementation Activities
ED; BO; CMO; FIN; PRNS; PW; SC4	None/ Unfunded
ED; BO; CMO; FIN; PRNS; PW; SC4	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; BO; CMO; FIN; PRNS; PW; SC4	City departments will continue to identify and seek out grant funding opportunities, including those supporting CARP strategies. Pursuit of external funding opportunities, including but not limited to, funding as a result of new public/private partnerships and state/federal grant opportunities.
ED; BO; CMO; FIN; PRNS; PW; SC4	None/ Unfunded
ED; BO; CMO; FIN; PRNS; PW; SC4	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; BO; CMO; FIN; PRNS; PW; SC4	None/ Unfunded
ED; BCDC; Caltrans; County of Santa Clara; other cities; PBCE; PRNS; PW; Valley Water; VTA	The City is a partner in a three-year, grant-funded project, led by Santa Clara County, to co-develop a multi-jurisdictional plan that supports equitable sea level rise adaptation and will allow participating cities to comply with Senate Bill 272.

Key Collaborators*	Planned Implementation Activities
ED; ESD; BCDC; Caltrans; County of Santa Clara; other cities; PBCE; PRNS; PW; Valley Water; VTA	Environmental Services Department (ESD) is responsible for the oversight and operation of the Regional Wastewater Facility (RWF) and the buffer lands it owns surrounding that property, including maintenance and permit compliance for Pond A-18. As such, ESD is a participant in the South Bay Salt Pond Restoration Project Stakeholders Forum and an active collaborator of
ED; BCDC; Caltrans; County of Santa Clara; other cities; PBCE; PRNS; PW; Valley Water; VTA	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
DOT; PBCE; PRNS; PW; SJFD; SJPD	None/ Unfunded
DOT; PBCE; PRNS; PW; SJFD; SJPD	None/ Unfunded
ED; CMO; DOT; OEM; PBCE; PRNS; PW	Energy Department staff will convene regular, interdepartmental Working Group meetings to discuss funding and collaboration opportunities and measure progress

Key Collaborators*	Planned Implementation Activities
ED; CMO; DOT; OEM; PBCE; PRNS; PW	City departments will include progress updates in the annual Climate Smart updates to City Council. City staff can utilize the CARP excel workbook dashboard that will help the City monitor implementation and track progress for the measures and strategies.
DOT, ESD, PW	None/ Unfunded
ED; BayCan; BCDC; Caltrans; CMO; County of Santa Clara; ESD; OEM; other cities; PGE; PW; SC4; Valley Water; VTA	None/ Unfunded
ED; BayCan; BCDC; Caltrans; CMO; County of Santa Clara; ESD; OEM; other cities; PGE; PW; SC4; Valley Water; VTA	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; BayCan; BCDC; Caltrans; CMO; County of Santa Clara; ESD; OEM; other cities; PGE; PW; SC4; Valley Water; VTA	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; PBCE; PRNS; PW; SC4	None/ Unfunded
ED; PBCE; PRNS; PW; SC4	None/ Unfunded
ED; PBCE; PRNS; PW; SC4	None/ Unfunded
ED; ESD; OEDCA; OEM; PBCE; PRNS; PW	None/ Unfunded
PW; BayREN; DOT; PRNS; Prospect SV; SPUR	None/ Unfunded
PW; BayREN; DOT; PRNS; Prospect SV; SPUR	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
PW; BayREN; DOT; PRNS; Prospect SV; SPUR	None/ Unfunded
ED; PBCE; SJFD	None/ Unfunded
PBCE; SJFD	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; PBCE; SJFD	Energy Department staff will draft an update, for City Manager consideration, to the Climate Smart section in Committee and City Council memorandum templates to incorporate CARP considerations.
PBCE; HSG; OEDCA; OEM; PRNS; PW; SJFD	None/ Unfunded
PBCE; HSG; OEDCA; OEM; PRNS; PW; SJFD	None/ Unfunded
DOT; VTA	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
DOT; VTA	None/ Unfunded
DOT; VTA	None/ Unfunded
DOT; VTA	None/ Unfunded
ED; LIB; OEM; PRNS; PW	None/ Unfunded
PW; LIB; OEM; PRNS	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
PW; LIB; OEM; PRNS	None/ Unfunded
PW; LIB; OEM; PRNS	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ESD; DOT; OED; PBCE; PRNS; PW; Valley Water	partner in the grant-funded Healthy Watersheds & Thriving Cities initiative, led by the San Francisco Estuary Institute (SFEI) and supported by 17 regional agencies, to advance landscape-scale urban greening projects that improve watershed health, water quality, habitat, and community resilience in the Santa Clara Valley, with an emphasis on equitable, community-
ESD; DOT; OED; PBCE; PRNS; PW; Valley Water	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ESD; DOT; OED; PBCE; PRNS; PW; Valley Water	responsible for the oversight and operation of the Regional Wastewater Facility and the buffer lands it owns surrounding that property, including maintenance and permit compliance for Pond A-18. As such, ESD is a participant in the South Bay Salt Pond Restoration Project Stakeholders Forum and an active collaborator of the South San Francisco Bay Shoreline Levee Project, particularly in
ED; OEDCA	Pending City Council adoption of San José Clean Energy's annual Programs Roadmap, in the short term the Energy Department will offer incentives and interest-free on-bill financing for residential heat pump HVAC installations through its EcoHome programs.

Key Collaborators*	Planned Implementation Activities
ED; OEDCA	Council adoption of San José Clean Energy's annual Programs Roadmap, the Energy Department will continue to offer the Go Electric Advisor service to residential customers to guide them through electrification projects, including stackable incentives. Additionally, the Energy Department will continue partner with community-based organizations to offer educational programming
ED; OEDCA	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
DOT; ED; ESD; PBCE; PRNS; PW; LIB	None/ Unfunded
ED; ESD; PBCE; PRNS; PW	None/ Unfunded
DOT; ED; ESD; PBCE; PRNS; PW	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
DOT; Caltrain; County of Santa Clara; OEM; PRNS; PW; VTA16	None/ Unfunded
DOT; Caltrain; County of Santa Clara; OEM; PRNS; PW; VTA16	None/ Unfunded
DOT; Caltrain; County of Santa Clara; OEM; PRNS; PW; VTA16	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; OEM; PRNS; Santa Clara County Public Health	As part of its grant-funded Extreme Heat and Community Resiliency Program work, Energy Department staff will develop and distribute extreme heat educational materials and extreme heat toolkits to support community understanding of heat resiliency and other climate hazards.
ED; OEM; PRNS; Santa Clara County Public Health	None/ Unfunded
ED; OEM; PRNS; Santa Clara County Public Health	The Energy Department established a Climate Adaptation and Resilience Plan webpage and will continue to update the website with relevant information.
ED; OEM; PRNS; Santa Clara County Public Health	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
OEM; PRNS; Santa Clara County Public Health	None/ Unfunded

Key Collaborators*	Planned Implementation Activities
ED; DOT; LIB; OEM; PRNS	None/ Unfunded
ED; DOT; LIB; OEM; PRNS	None/ Unfunded
ED; DOT; LIB; OEM; PRNS	None/ Unfunded
ED; DOT; LIB; OEM; PRNS	None/ Unfunded
; City Manager's Office (CMO); es Department (ESD); Finance); Office of Economic 1); Parks, Recreation & vice Department (SJPD); Public	