

(D) 2. CLIMATE ADAPTATION AND RESILIENCE PLAN UPDATE

February 3, 2025
Transportation & Environment Committee

PRESENTED BY:

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Deputy Director

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Environmental Services

OVERVIEW

1. Project Overview
2. Progress & Timeline
3. Community Engagement
4. Recommendation



PROJECT OVERVIEW

Background

- The City adopted Climate Smart San José (2018) to reduce greenhouse gas emissions
- In June 2023, the City secured a ~\$650,000 grant from the State to develop a Climate Adaptation and Resiliency Plan
- The Climate Adaptation and Resiliency Plan aims to address the City's climate vulnerabilities and enhance resilience for critical infrastructure and vulnerable communities

CLIMATE SMART SAN JOSE

A People-Centered Plan for a
Low-Carbon City



PROJECT OVERVIEW (CONT'D)

Current Project Team:

Lead City Staff: Michael Gonzales, Environmental Services Department

Consultants

- Rami & Associates (lead)
- SPUR



Climate Ready Working Team – Valley Water staff and City staff from the Departments of Environmental Services; Office of Emergency Management, Planning, Building and Code Enforcement; Public Works; Transportation; and the City Manager's Office

PROGRESS TO DATE

Collaboration:

- Established Climate Ready Working Team to provide ongoing City and technical input

Guidance Documents:

- Completed Vision, Framework, and Community Engagement Plan to guide plan development

Technical Assessment:

- Completed Climate Vulnerability Assessment to identify risks to critical infrastructure, populations, and transportation network

VULNERABILITY ASSESSMENT FINDINGS

The Vulnerability Assessment examines climate change impacts on San José's populations, infrastructure, and critical systems, focusing on risks such as rising temperatures, flooding, and wildfires.

Key Findings:

- Flooding disrupts critical facilities (fire stations, hospitals) and transportation infrastructure.
- Roads, transit systems, and EV charging networks face risks from extreme weather and wildfires.
- Vulnerable populations (low-income, mobile home residents, individuals with sensitivities) are disproportionately impacted by heat, air quality, and flooding.

Conclusion: Adaptation Plan strategies should focus on facility assessments, infrastructure upgrades, community engagement, and resilience measures tailored to vulnerabilities.

PROJECT TIMELINE

June 2023: City awarded grant

November 2023 – December 2024:



- Consultant procurement and contracting
- Established working team and completed guidance and technical documents

January 2025 – June 2025: Key community engagement and drafting phases

July 2025 – October 2025: Continued outreach, public input on review draft, and Adaption Plan finalization

Winter 2025/2026: Present Plan to Transportation and Environment Committee (T&E) and City Council for consideration

COMMUNITY ENGAGEMENT TACTICS

January – March 2025:

- Small group meetings (Youth Commission, Alviso Neighborhood)
- First public workshop
- Launch dedicated climate adaptation plan webpage for updates and resources

April – June 2025:

- Present progress to Climate Advisory Commission



COMMUNITY ENGAGEMENT TACTICS (CONT'D)

July – September 2025:

- Post Public Review Draft of Adaptation Plan
- Host second public workshop

October – December 2025:

- Multilingual community pop-up events
- Post final Adaptation Plan

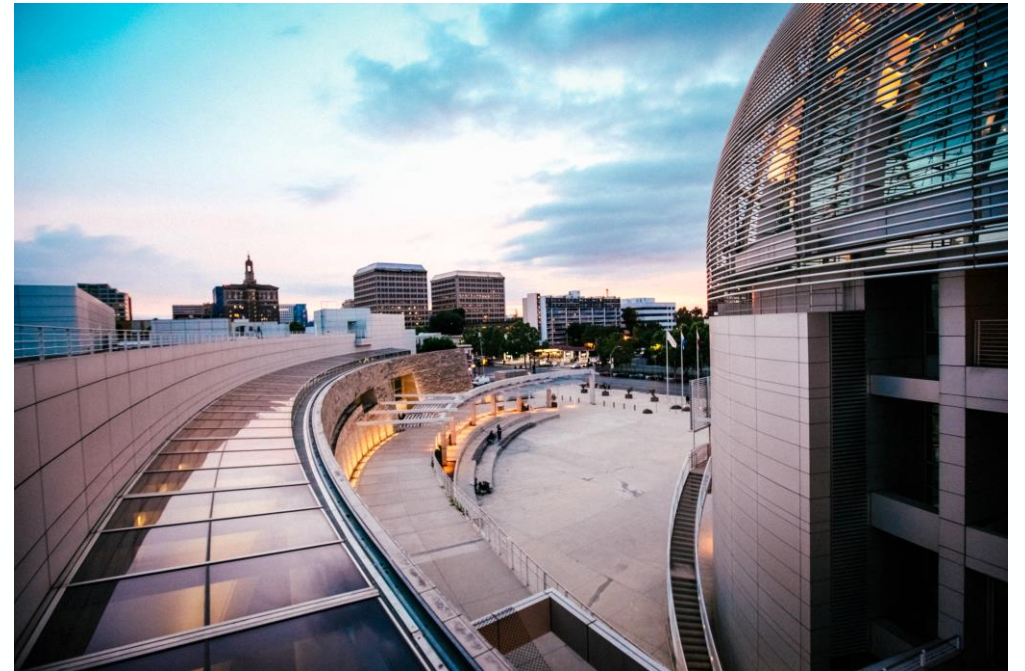
January – March 2026:

- Present Adaptation Plan to T&E and City Council
- Post online dashboard for tracking adaptation and resilience metrics (pending City Council approval)



RECOMMENDATION

Accept the report on the status of the Climate Adaptation and Resilience Plan



QUESTIONS?

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TODAY FOR
TOMORROW**

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