

Climate Smart San José

Semi-Annual Update

City Council Meeting
April 22, 2025

Jeff Provenzano, Director – Environmental Services Department (ESD)

Julie Benabente, Deputy Director– ESD

Ramses Madou, Division Manager– Department of Transportation (DOT)

Kate Ziemba, Senior Environmental Program Manager– Energy Department (ED)



CLIMATE SMART SAN JOSE

A People-Centered Plan for a
Low-Carbon City



- Background
- Updates
 - Core Activities
 - Community Engagement
 - Programs and Policies
- Looking Forward



San Jose's Climate Leadership

- Council approved the Climate Smart San José plan (2018) and adopted a carbon neutrality by 2030 goal (2021)
- Council declared a Climate Emergency (2019)
- Council adopted a carbon neutrality goal by 2030 (2021) and associated plan (2022) identifying 4 key strategies:
 - Zero-emission vehicles
 - Reduce vehicle miles traveled by 20%
 - Switch our appliances from fossil fuels to electric
 - Carbon-neutral electricity

Core Activities

Funding and Resources:

- Continue to seek and acquire external resources:

	Total Amount of Awards Pending Execution in Reporting Period (Sept. 2024 – Feb. 2025)	Total Amount of Awards Executed in FY 2024-2025 to Date (July 2024 – Feb. 2025)
Total Direct Funding	\$23,216,000	\$1,175,000

- Applied for an additional \$67.27 million in external funding
- Planning to submit applications for over \$8.1 million in funding for Climate Smart initiatives in next reporting period



Community Outreach and Engagement

Highlights

- **San José Climate Chronicles**
 - Launched new quarterly newsletter in Oct 2024 to engage residents in climate action
- **Sponsored Electric Home Tour**
 - Over 730 people toured homes
 - 31% of attendees expressed high interest in adopting heat pumps within the next 3 years
- **Equitable Mobility Initiatives**
 - Supporting low-income transit solutions, including a \$1.3M Mobility Wallet Pilot and a \$3.5M microtransit grant

Reduction in Vehicle Miles Traveled

Highlights

- Launched the *East San José Equity Mobility Project*, including a \$1.3 Mobility Wallet Pilot
- Added 7.4 miles of new bikeways, upgraded 32.8 miles – total network now 550 miles
- Working with Lyft and Metropolitan Transportation Commission to deploy 500 new e-bikes, 32 new stations, and promote ridership in East San José
- Launched a Curb Management Pilot to digitize curb data and track vehicle activity and uses
- Acquired a data subscription to improve vehicle miles traveled tracking, monitor key metrics, and support data-driven Climate Smart strategies





Zero-Emission Vehicles

Highlights


- California EV Infrastructure Project
 - 197 Level 2 and 32 Direct Current Fast Chargers are operational
 - All projects installed by end of 2025
- Multifamily EV Charger Incentive Pilot
 - 11 properties reserved funds for 78 ports
- Fast Charging Hubs Pilot
 - Procurement process for 4-7 hubs (10 ports each) at libraries and community centers

100% Carbon-neutral Power

Highlights

- Default GreenSource service: 62% renewable
- ~1,600 customers upgraded to TotalGreen (100% renewable)
- Contracted for over 1 gigawatt of new renewable energy and reliability resources
- On track to provide 100% carbon neutral electricity by 2030



SAN JOSE 
CLEAN ENERGY
A Program of the City of San José

Building Electrification

Highlights

- Energy Department
 - Sunset externally funded energy efficiency programs
 - Residential (income-qualified): 281 appliances and 1,056 energy-saving devices
 - Commercial: 778 businesses served
 - Total: \$11M customer savings & 35 million kWh avoided
 - Launched EcoHome Rebate, Payment Plan and contractor network
 - 325 customers reserved or received \$1.2 million+ in heat pump rebates
 - 25% of funds have been paid out to environmental justice communities
 - 14 approved zero-interest payment plans



Building Electrification (cont'd)

Highlights

- Environmental Services Department
 - Launched Electric Homes San José on April 22, 2024, Earth Day
 - Program closed in December 2024
 - \$254,000 in reserved incentives
 - 56 project sites (with 28% dedicated for equity communities)
 - Implementing second year of Beyond Benchmarking requirements
 - 380 buildings were required to meet energy and water efficiency standards
 - Compliance rates were 85% for Annual Benchmarking and 59% for Beyond Benchmarking



Looking Ahead

(March – August 2025)



Anticipated Initiative Milestones:

- Start a telematics-based charging program for San José Clean Energy EV customers.
- Offer incentives for home battery storage installations.
- Complete a fleet electrification master plan for San José.
- Develop a tool to guide city transportation investments and track progress.
- Finalize the Climate Smart Zero Waste plan.
- Finalize the Climate Advisory Commission workplan for Fiscal Year 2025-2026.
- Release the Climate Adaptation and Resilience Plan draft.
- Complete the City's 2023 greenhouse gas inventory.
- Host a Climate Smart training session for City of San José leadership staff.
- Apply for BayREN Decarbonization Showcase and Energy Roadmapping Services.

Anticipated City Council Items:

- San José Clean Energy Workforce Development Programs (spring 2025), and
- Climate Smart Plan Administrative Update (summer 2025).



www.ClimateSmartSJ.org

Jeff Provenzano, Director – ESD
Julie Benabente, Deputy Director – ESD
Ramses Madou, Division Manager – DOT
Kate Ziemba, Senior Environmental Program Manager– ED