

Climate Smart San José Plan Semi-Annual Update

City Council Meeting
October 29, 2024

Presented by:

Julie Benabente, Deputy Director – Environmental Services Department
Kate Ziemba, Senior Environmental Program Manager – Energy Department
Ramses Madou, Division Manager – Department of Transportation



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

- City Council approved the Climate Smart San José plan (2018) and adopted a carbon neutrality by 2030 goal (2021)
- City Council declared a Climate Emergency (2019)
- City 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 Received in Reporting Period (Mar. – Aug. 2024)	Total Received in FY 2024-2025 (through Aug. 2024)
Total Direct Funding	\$6,375,000	\$1,175,000

- **Additional Activities**
 - Held inaugural Climate Advisory Commission meeting
 - Shifted Climate Smart position in Environmental Services to the Energy Department
 - Aligning with funding and topic coverage by the Energy Department
 - Per City Council direction will continue to support Climate Smart priorities



Community Outreach and Engagement

Highlights

- **Implementing Climate Art Program (Office of Cultural Affairs):**
 - Hired a Culture Strategist and started the Carbon Neutral Creative Network
 - Recruited fifteen San José artists
- **Sponsored EV Ride and Drive Event (Energy Department)**
- **Launched EV Shopping Tool (Energy Department)**
- **Hosted five building electrification webinars (Environmental Services)**
 - Held two in Spanish and Vietnamese with viewing parties

Reduction in Vehicle Miles Traveled

Highlights

- Secured \$5.2 for the *East San José Equity Mobility Project* with SOMOS Mayfair
- Secured \$1 million to expand bikeshare along the King/Story corridor
- Planning to add 37 new bikeshare stations and 575 new e-bikes
- Co-developed two micro-mobility hub design concepts for East San Fernando Street
- Launched the *North San José Multi-modal Transportation Improvement Plan* for key transit, bike and pedestrian upgrades





Zero-Emission Vehicles

Highlights


- California EV Infrastructure Project (CALeVIP)
 - 140 Level 2 and 29 Direct Current Fast Chargers are operational (from Dec. 2020 – present)
 - All projects installed by 2025
- EV Education and Outreach
 - Ride and drive
 - EV shopping tool
 - Transportation needs assessment

100% Carbon-neutral Power

Highlights

- Default GreenSource service: 60% renewable
- ~1,700 customers upgraded to TotalGreen (100% renewable)
- Contracted for 850+ megawatts of new renewable energy and reliability resources
- Programs
 - Peak Rewards (demand response)
 - Expanded to residential customers
 - Residential super off-peak rate pilot
 - Launched to ~1,800 customers



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

Building Electrification

Highlights

- Energy Department
 - Energy Efficiency Programs
 - Residential (income-qualified)
 - 230 appliances
 - 140 smart plugs
 - 312 smart thermostats
 - 172 showerheads
 - 290 portable induction cooktops
 - Commercial: 775 businesses served
 - Workforce development
 - Heat pump incentive program and on-bill financing pilot
 - Selected Sacramento Municipal Utility District to implement heat pump program



Building Electrification (cont'd)

Highlights

- Environmental Services Department
 - Launched Electric Homes San José on April 22, 2024, Earth Day
 - 50% of funds designated for equity communities
 - Fully reserved funding as of May 2024
 - Implementing second year of Beyond Benchmarking requirements
 - Close out compliance in November 2024
 - 15 municipal buildings out of compliance
 - Public Works intends to continue to submit budget requests to cover compliance activities



Looking Ahead

(Sept. 2024 – Feb. 2025)



Anticipated Initiative Milestones:

- Develop a fleet electrification master plan for the City of San José;
- Host the Climate Art Symposium October 11 and 12, 2024 at the San José Museum of Art and the Environmental Innovation Center;
- Launch a heat pump incentive program and on-bill financing pilot for SJCE residential customers;
- Launch a telematics-based managed charging program for SJCE residential customers with EVs;
- Execute consultant agreement for development of a transportation decision support system;
- Launch a Curb Management Pilot in Downtown San José
- Finalize the new Climate Smart Zero Waste Element; and
- Launch inaugural Climate Smart e-newsletter.

Anticipated City Council Items:

- Climate Smart Plan Administrative Update (Winter 2025) and
- SJCE Workforce Development Programs (Winter 2025).



www.ClimateSmartSJ.org

Julie Benabente, Deputy Director –Environmental Services Department
Kate Ziemba, Senior Environmental Program Manager– Energy Department
Ramses Madou, Division Manager – Department of Transportation