

Climate Smart San José Plan Semi-Annual Update

Transportation & Environment Committee

Item (d) 1

April 8, 2024

Presented by:

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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 adopted Pathway to Carbon Neutrality by 2030 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
- Environmental Services Department staff lead, facilitate, and/or support climate mitigation initiatives across departments City-wide

Core Activities

- **Funding and Resources:** Continue to seek and acquire external resources:

	Total Received in Reporting Period (Sept. 2023 – Feb. 2024)	Total Received in FY 2023-2024 (through Feb. 2024)
Direct Funding	\$21,686,342	\$23,257,324
In-Kind Resources	\$25,000	\$25,000
Total	\$21,711,342	\$23,282,324

- **Climate Advisory Commission**
 - New commissioners approved by City Council



Community Outreach and Engagement

Highlights

- Completed Climate Smart Annual survey showing a growing awareness of climate change and Climate Smart, particularly in Spanish and Vietnamese communities.
- Worked with residents and community-based organizations (CBOs) in East San José to co-develop e-mobility programs and services for grant-funded implementation
- Completed GoGreen Teams cohort (CBOs, City Hall employees, school) resulting in 200+ climate actions

Reduction in Vehicle Miles Traveled

Highlights



- Secured over \$5.7 million in grant funding to install over 17 miles of bikeways
- Secured \$1.5 million in grant funding to expand the Bay Wheels bikeshare program into East San José
- Secured \$25 million in grant funding for complete street, safety, and Better Bike implementation projects
- Kicked off the Reimagining Santa Clara St. & North San José Multi-modal Transportation Improvement Plans



Zero-Emission Vehicles

Highlights


- California EV Infrastructure Project (CALeVIP) - \$14M for Level 2 and fast charge
 - 140 Level 2 and 24 Direct Current Fast Chargers are operational (from Dec. 2020 – present)
 - All projects installed by 2025
- EV Education underway
 - Ride & drive
 - Community dinner
 - Dept. of Energy learning cohort
- City Council approved EV Reach Code for New Multifamily Developments
 - Requires EV charging access in 100% of residential parking stalls

100% Carbon-neutral Power

Highlights

- Default GreenSource service: 60% renewable. On track for 100% in 2030
- Nearly 2,000 customers upgraded to TotalGreen (100% renewable)
- Since 2019 launch: invested in more than 800 megawatts of new renewable energy and reliability resources
 - Solar, wind, geothermal, battery storage



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

Building Electrification

Highlights

- Energy Department
 - Energy Efficiency Programs (9/2022-12/2024)
 - Residential: 140 smart plugs, 167 smart thermostats, 66 appliances
 - Commercial: 640 businesses served, 50-100 more businesses/schools in process
 - Focus on heat pump water heaters for 2024
 - Workforce development
 - Consultant gap analysis; interviews with IBEW, labor groups



Building Electrification (cont'd)

Highlights

- Environmental Services Department
 - Targeting Electric Homes San José launch on Earth Day 2024
 - Drafted program design
 - Drafted incentive structure and associated forms
 - Focusing 50% of funds for use by Equity Communities
 - Updated the BlocMaps tool



Looking Ahead (Mar – Aug 2024)



Anticipated Initiative Milestones:

- Initiate Climate Advisory Commission meetings
- Launch the Electric Homes San José program;
- Expand Peak Rewards, SJCE’s demand response program, to residential customers;
- Launch a telematics-based managed charging program for residential customers with EVs;
- Launch a super off-peak residential charging rate for residential customers with EVs;
- Develop a preliminary fleet electrification master plan for the City of San José;
- Launch SJCE’s online multilingual EV shopping tool;
- Select and contract with a consultant to provide Big Data to improve DOT’s Decision Support System and for other transportation analysis purposes;
- Execute grant agreement for building electrification projects in Zero Emissions Neighborhood pilot area; and
- Finalize the new Climate Smart Zero Waste Element.

Anticipated City Council Items:

- SJCE Programs Roadmap (April 2024);
- Climate Smart Plan Administrative Update (Summer 2024);
- Climate Smart Zero Waste Element (Fall 2024); and
- Overstay fee to increase utilization of the City’s downtown EV chargers (Spring 2025).



www.ClimateSmartSJ.org

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