

Climate Smart San José Plan Semi-Annual Update

City Council Meeting
May 2, 2023

Presented by:

Kerrie Romanow, Director– Environmental Services Department (ESD)

Julie Benabente, Deputy Director– ESD

Zach Struyk, Deputy Director – Community Energy Department (CED)

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



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

- Climate Smart San José plan approved in 2018
- In November 2021, City Council adopted a Resolution setting a carbon neutrality by 2030 goal
- In June 2022, Council adopted Pathway to Carbon Neutrality by 2030 (plan) 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 (Sept. 2022 - Feb. 2023) / FY 22-23
Direct Funding	\$3,250,000
In-Kind Resources	\$250,000
Total	\$3,500,000

- **Additional Initiatives:**
 - Completed Municipal Greenhouse Gas Inventory
 - Initiated Climate Smart plan update
 - Outreach to inform Climate Advisory Commission



Community Outreach and Engagement

Highlights

- Concluded 22 GoGreen Teams
 - 168 actions completed and 242 in-progress
 - Resulting in 122 tons of CO₂ reduced and over \$30K in utility bill savings
- Equity-based co-creation as part of the Zero Emission Neighborhood (ZEN) pilot and Shared E-mobility Services



Reduction in Vehicle Miles Traveled

Highlights

- In Dec. 2022, Council adopted Transportation Demand Management and Parking Ordinance Update
 - Removed mandatory minimum parking requirements based on project size and use
 - Expanded transportation demand management project requirements
 - Encourages shifting trips to alternative such as transit, biking, and walking
- Effective on April 10, 2023



Zero-Emission Vehicles

Highlights


- California EV Infrastructure Project (CALeVIP)
 - \$14M total funding from SJCE and State for Level 2 and fast charger installations through 2025
 - 100 Level 2 and 11 Direct Current Fast Chargers are operational (from Dec. 2020 – Jan. 2023)
- In Nov. 2022, Council approved SJCE's Direct Current Fast Charging Hubs Pilot
 - Expect 1-3 hubs in low-income communities in the next 2 fiscal years

100% Carbon-neutral Power

Highlights

- Default GreenSource service: 60% renewable, 95% carbon-free
- 1700+ customers upgraded to TotalGreen (100% renewable)
- Since 2019 launch: \$1B in contracts for renewable and reliability resources
 - Over 300,000 homes
- Council approved Integrated Resource Plan in Oct. 2022
 - Modeled a portfolio that achieves carbon neutral by 2030 goal



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

Building Electrification

Highlights

- Energy-efficiency programs launched in Sept. 2022, running through 2024
 - Residential program results to date: 140 smart plug, 119 smart thermostats, 10 appliances, 50-70% discounts
 - Business/ Schools program results to date: 20 businesses served, 40 more businesses and a school district in-process, 80-90% discounts
- Building Electrification Accelerator Program
 - Executed 4-year agreement with BlocPower
 - Expected to launch turn-key electrification services in next reporting period
 - Targets 250 buildings, 50 contractors trained



Building Electrification (cont'd)

Highlights

- Workforce Development
 - Working with labor organizations and local, regional, and statewide organizations to leverage available trainings
 - Developing a contractor list and survey for outreach
- Building Performance Ordinance
 - Applies to nonresidential and multifamily buildings, 20,000 sq. ft. or larger
 - In 2023, “Beyond Benchmarking” phase requires the building to meet key performance standards or it has to take energy- and/or water-efficiency improvement steps
 - Developed a web page with resources and training webinars to assist businesses in compliance



Looking Ahead



Next Reporting Period (Mar. – Aug. 2023):

- Launch the building electrification and workforce development accelerator program
- Complete Inventory of 2021 Communitywide Greenhouse Gas Emissions
- Launch Peak Rewards, San José Clean Energy's commercial demand response program
- Adopt administrative regulations for one-way vehicle sharing services
- Develop an initial electric vehicle charging infrastructure strategic plan
- Release request for proposals for phase two of the Move San José Decision Support System
- Complete the procurement process to identify a Climate Challenge platform

Anticipated City Council Items:

- Climate Smart Natural and Working Lands Element (May 2, 2023)
- Climate Advisory Commission (May 2, 2023)
- Climate Smart Zero Waste Element (Winter 2023; updated)
- Climate Smart Plan Administrative Update (Winter 2023)



www.ClimateSmartSJ.org

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