

Climate Smart San José Plan Semi-Annual Update

Transportation & Environment Committee
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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

- Climate Smart San José plan approved in 2018
- In November 2021, City Council adopted an aspirational goal of carbon neutrality by 2030
- In June 2022, Council adopted Pathway to Carbon Neutrality by 2030 (plan)
 - Focused acceleration efforts on zero-emissions transportation, building electrification, and carbon-neutral power source
- Since 2019, work significantly supported by American Cities Climate Challenge
 - Concluded in June 2022

Core Activities

- City made a significant investment in climate action in FY 22-23: 8.25 permanent FTEs in ESD and 3.0 permanent FTEs in DOT.
- Continue to seek and acquire external resources:

	Total Received in Reporting Period (Mar.-Aug. 2022)	Total Received in FY 21-22
Direct Funding	\$1,523,000	\$7,451,776
In-Kind Resources	\$361,200	\$762,400
Total	\$1,884,200	\$8,214,176

- Also applied for \$600,000 in external funding in this reporting period
- working on applications due in Sept/ Oct. 2022 for up to \$2.9M in funding and resources



Community Outreach and Engagement

Highlights

- Recognized thirteen Climate Smart Champions
- Hosted Zero Emission Neighborhood pilot community meetings
- Led Equity Task Force meetings to understand the impacts of freight on local communities and brainstorm strategies to address
- Supported 25 GoGreen Team Leaders


Climate Smart Pillar 1: A Sustainable & Climate Smart City

Programs and Policies

Highlights

- New renewable energy projects
 - Online: 225 megawatts (MW) wind, 62 MW of firm renewable energy
 - 100 MW solar, up to 34 MW geothermal, and 10 MW storage and up to 45 MW of long-duration storage are coming
- Energy-efficiency programs launched in Sept. 2022
 - Residential program:
 - 50-70% rebates on electric appliances
 - Free smart thermostats and smart plugs
 - Open to moderate-income single-family households and single-family households in disadvantaged communities
 - Business/Schools program:
 - 80-90% rebates for Heating, Ventilation, and Air Conditioning, water heating, and refrigeration systems
- Solar Access program
 - Offers low-income customers a 20% bill discount and 100% solar energy
 - Fully subscribed as of June 2022, with more than 800 customers



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

Climate Smart Pillar 2: A *Vibrant City of Connected & Focused Growth*

Programs and Policies

Highlights

- California EV Infrastructure Project (CALeVIP)
 - \$14M total funding from SJCE and State for Level 2 and fast charger installations through 2023
 - 52 Level 2 and 11 Direct Current Fast Chargers are operational (as of March 2022)
- Direct Current Fast Charging Hubs Pilot
- Transportation Demand Management (TDM) and Parking Ordinance Update
- Move San José
- Transit First Policy



Climate Smart Pillar 3: *An Economically Inclusive City of Opportunity*

Programs and Policies

Highlights

- Building Reach Code Update
 - Updates to align with 2022 CA building standards and natural gas infrastructure prohibition ordinance (Oct 2022)
 - Additional updates following release of cost-effectiveness studies and community outreach on multi-family EV charging infrastructure requirements (Dec. 2022)
- Natural Gas Infrastructure Prohibition Ordinance Update
 - No exemptions requested for new natural gas fuel cell installations since August 2021
 - 20 (30 MW) installed 2010-2019 representing ~1% of community-wide emissions
 - Distributed Energy Resources exemption set to expire as of January 2025
 - Per ordinance, return to Council with update no later than December 2023



Looking Ahead



Next reporting period (September 2022 – February 2023):

- Execute building electrification and workforce development accelerator contract
- Finalize the new Climate Smart Zero Waste Element
- Complete Inventory of 2020 City Government Greenhouse Gas Emissions
- Award contract for Climate Smart administrative update
- Adopt administrative regulations for one-way vehicle sharing services
- Develop an initial electric vehicle charging infrastructure strategic plan
- Start development of an integrated employee TDM program
- Release RFP for phase two of the Move San José Decision Support System

Anticipated City Council Items:

- Administrative update to the building reach code (Q4 2022, updated)
- Parking and TDM Ordinance (Q4 2022)
- Downtown Transportation Plan (Q4 2022)
- West San Jose Multi-modal Transportation Improvement Plan (Q4 2022)
- Fast charging hubs pilot (Q4 2022)
- SJCE 2022 Integrated Resources Plan (Q4 2022)
- Climate Smart Natural and Working Lands and Zero Waste Elements (Q1 2023)
- Climate Commission recommendations (Q1 2023)



www.ClimateSmartSJ.org

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