

# Climate Smart San José Plan Semi-Annual Update

City Council Meeting  
October 24, 2023  
Item 6.2

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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

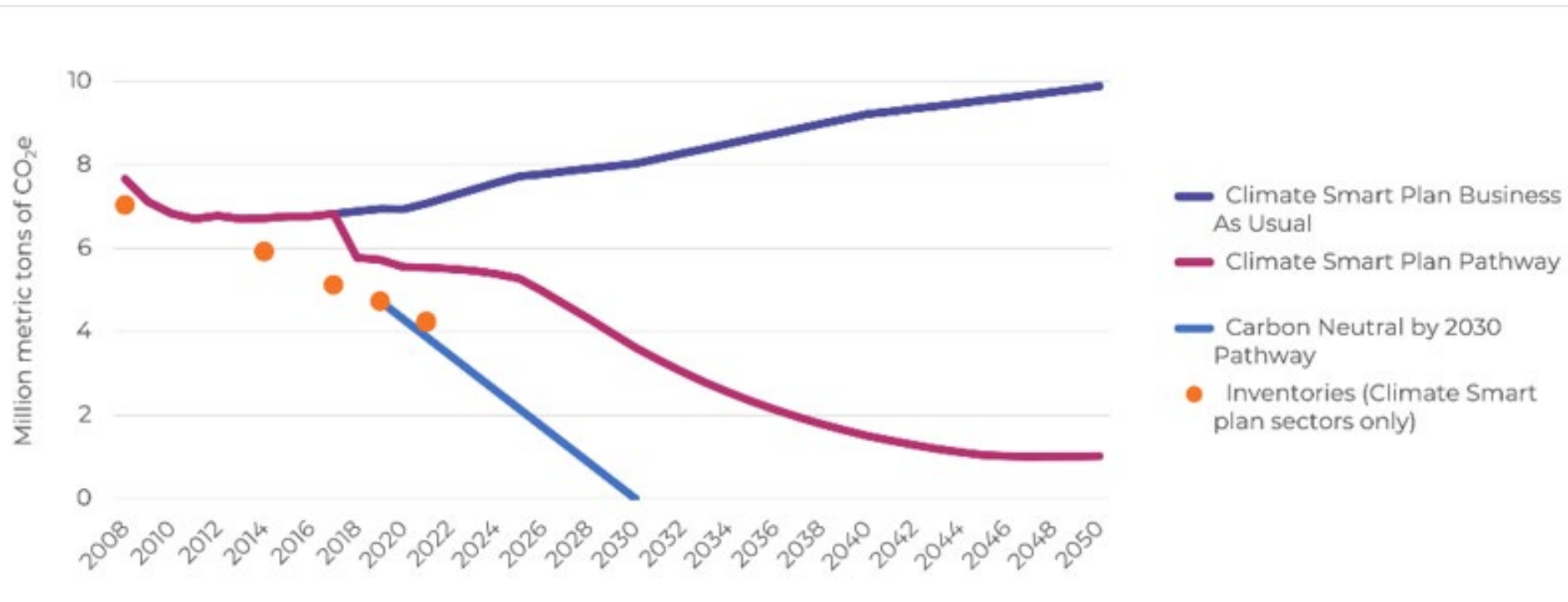
# Core Activities

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

	Total Received in Reporting Period (Mar. – Aug. 2023)	Total Received in FY 2022-2023 (final)
Direct Funding	\$4,424,274	\$6,174,274
In-Kind Resources	-	\$250,000
<b>Total</b>	<b>\$4,424,274</b>	<b>\$6,424,274</b>

- **Environmental Services staff led the following additional initiatives:**
  - Approval to establish a Climate Advisory Commission
  - Execution of a master services agreement with Raimi and Associates for administrative update of Climate Smart plan
  - Completion of Communitywide Greenhouse Gas Inventory

# Communitywide Greenhouse Gas Inventory



- Calculations completed biannually by Environmental Services staff with input on content from various City departments
- Continued greenhouse gas reductions but acceleration needed stay aligned with Council-approved reduction goals



## Community Outreach and Engagement

### Highlights

- Recognized six Climate Smart Champion Award recipients for outstanding efforts in 2022
- Partnered with Guadalupe River Park Conservancy, San José State University, and Valley Verde as part of the GoGreen Teams pilot
- Included equity-based co-creation as part of the Zero Emission Neighborhood pilot and Shared E-mobility Services

# Reduction in Vehicle Miles Traveled

## Highlights

- In 2023 the has City:
  - secured over \$67 Million in grant funding to advance complete street and the Better Bike Plan 2025 efforts
  - Secured, with VTA, over \$4 million in grants for transit signal priority
  - applied for \$19 million in grant funding for further complete street, transit priority, and bike projects.
- Worked closely with Bike Share operator Lyft, MTC, and micro-mobility operators to expand service areas to communities that do not have easy access to these programs
- Received regional funding to add 21 new bikeshare stations and 650 e-bikes
- Began applying the City's new Transportation Demand Management and Parking Ordinance to new developments as of April 2023





# Zero-Emission Vehicles

## Highlights

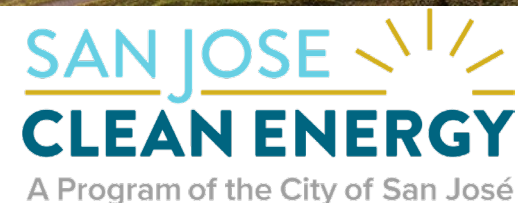
- California EV Infrastructure Project (CALeVIP) - \$14M for Level 2 and fast charge
  - 140 Level 2 and 24 Direct Current Fast Chargers are operational (from Dec. 2020 – present)
  - Closed to new applications 6/30/23
  - All projects installed by 2025
- Direct Current Fast Charging Hubs Pilot
  - Re-evaluating scope and opportunities to scale
- EV Education Pilot underway
- EV Reach Code for Multifamily New Developments
  - Completed additional stakeholder engagement and cost analysis
  - Council consideration in November 2023



# 100% Carbon-neutral Power

## Highlights

- Default GreenSource service: 60% renewable, 95% carbon-free
- Nearly 2,000 customers upgraded to TotalGreen (100% renewable)
- Since 2019 launch: \$2B+ in contracts for renewable and reliability resources
  - Over 300,000 homes
- In May 2023, launched Peak Rewards demand response program for commercial customers
  - SJCE calls "Peak Events" when customers get paid to reduce energy usage
  - 5 events, 9 participants, 1 MW of peak demand reduction (~500 homes)



# Building Electrification

## Highlights

- Community Energy Department
  - Energy-efficiency Programs (9/2022-12/2024)
    - Residential: 140 smart plugs, 160 smart thermostats, 42 appliances (50-70% discounts)
    - Commercial: 80-90% discounts, 313 businesses served, 126 more businesses/schools in process
  - New Building Electrification webpages on heat pumps, induction cooking
    - [www.SanJoseCleanEnergy.org/electric-homes](http://www.SanJoseCleanEnergy.org/electric-homes)



# Building Electrification (cont'd)

## Highlights

- Environmental Services Department
  - Building Electrification Accelerator Program
    - Created BlocMaps tool
    - Convened Community Advisory Board
    - Developed a Request for Information to identify local contractors to participate
  - Workforce Development
    - Coordinating with local, regional, and statewide organizations on trainings
    - Participating in High Road Training Partnership
    - Developed contractor list and survey
  - Building Performance Ordinance
    - Currently 75% compliance rate
    - Implemented first “Beyond Benchmarking” cohort (250 buildings)



# Looking Ahead (Sept 2023 – Feb 2024)



## Anticipated Initiative Milestones:

- Launch building electrification and workforce development accelerator program;
- Launch San Jose Clean Energy's EV shopping tool;
- Adopt administrative regulations for one-way vehicle sharing services;
- Develop a preliminary EV charging infrastructure strategic plan;
- Improve and expand the City's employee transportation program;
- Release request for proposals for Move San José Decision Support System (phase 2);
- Expand Bay Wheels bike sharing to East San José;
- Implement urban greening projects under Zero Emissions Neighborhood Pilot; and
- Finalize the new Climate Smart Zero Waste Element.

## Anticipated City Council Items:

- Building reach code update for EV charging in new multifamily buildings (Nov. 28, 2023)
- Building Electrification Special Session (Dec. 11, 2023)
- Climate Advisory Commission (Nov./Dec. 2023)
- Climate Smart Zero Waste Element (spring 2024)



[www.ClimateSmartSJ.org](http://www.ClimateSmartSJ.org)

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