

**DATE:** November 21, 2024

**TO:** Council Sustainability Committee

**FROM:** Lauren Anderson, Sustainability Analyst II  
Rebecca Lucky, Sustainability Manager

**VIA:** Danielle Lee, Chief Sustainability and Resiliency Officer  
Audrey Seymour Ramberg, Assistant City Manager

**SUBJECT:** **Sustainability Action Plan 4 Progress Update**

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**RECOMMENDATION**

Receive a progress update and provide any feedback on Sustainability Action Plan 4. This is an information item. No action required.

**BACKGROUND**

Since 2009, the City Council has adopted four sustainability action plans to help the City achieve its sustainability goals. On [October 22, 2019](#), Council adopted Sustainability Action Plan 4 (SAP) as the City's plan for investment in sustainability for Fiscal Years 2019-20 through 2021-22. SAP originally contained 81 new actions but has been modified over the last few years to focus on 57 high impact measures. Given the SAP's robust 57 actions, its implementation has continued into Fiscal Year 2024-25. Staff has updated the City Council and the Council Sustainability Committee (CSC) on the status of SAP implementation as well as sought feedback on recommended modifications to the SAP actions and budget several times over the last few years. The most recent update to CSC occurred on [May 30, 2023](#). At the September 4, 2024 meeting, the CSC asked staff to provide another report on SAP progress to date.

**ANALYSIS**

Eighty-four percent (84%) of the actions in the SAP are completed or ongoing. Sixteen percent (16%) are in progress. Attachment 1 includes a summary of the status and anticipated completion date for the remaining SAP actions and also denotes projects that have been included in the [Council Fiscal Year 2023-25 Work Plan](#). The following sections provide an overview of some key SAP projects.

## Transportation

The following transportation actions have been completed:

- A. *Develop or expand existing rebate programs for e-bikes and other mobility devices (SAP Action T3.6).* In spring and summer of 2024, 85 low-income residents received electric bicycles through the City of Mountain View's E-Bike Pilot Program. The program offered e-bike purchase vouchers between \$1,000 and \$1,500 depending on a participant's income level. The program aimed to provide underserved residents with more clean mobility options, particularly for residents that do not have the means to access electric vehicles. Research supports that e-bike trips often replace car trips and, therefore, also contribute to reducing greenhouse gas emissions from transportation. Staff is exploring options for providing more e-bike incentives by either implementing Round 2 of the program in 2025 or expanding upon Silicon Valley Clean Energy's e-bike incentive program that is currently in development.
- B. *Electric Vehicle Charging Infrastructure (SAP Actions T7.3, T7.5, T7.6, and T7.10).* Several projects to install electric vehicle (EV) chargers in downtown garages and other City facilities are either completed or planned, including the following installations:
- **135 Bryant Street Parking Structure:** 10 Level 2 EV charging ports as well as make-ready infrastructure to support future installation of 15 more chargers were installed in spring 2022.
  - **850 California Street Parking Structure:** 22 Level 2 chargers and one fast charger were added in spring 2024, bringing the total to 33 charging ports at this site.
  - **Civic Center Parking Structure:** Six Level 2 charging ports were added in spring 2022, bringing the total to 14 charging ports at this site.
  - **Municipal Operations Center:** Four Level 2 charging ports were installed in February 2024.
  - **Rengstorff Park Aquatics Center:** The Rengstorff Park Aquatics Center Replacement Project will include four EV chargers as well as make-ready infrastructure for future installation of additional chargers.

Staff continues to assess opportunities to expand public and fleet EV charging infrastructure. In summer 2024, the City applied for grant funding to install eight EV chargers at the Senior Center as part of a regional grant application led by Silicon Valley

Clean Energy and the City of San Jose. No definitive timeline to notify awardees has been communicated to date.

- C. *Develop a Municipal Fleet Electrification Plan (SAP Action T8.3).* Completed in spring 2024, the Fleet Electrification Plan provides a high-level analysis of vehicle replacements and charging needs for the City’s municipal fleet. Staff has assembled a cross-departmental working group to coordinate the next steps on plan implementation, including further vehicle-by-vehicle analysis, EV pilots, and the development of an EV first or green fleet purchasing policy. Staff also applied for a \$3 million grant from the California Energy Commission to install EV charging for City vehicles that ultimately was not awarded.

The following transportation actions are in progress:

- A. *Develop, Adopt, and Implement Vision Zero Policy and Action Plan (SAP Action T5.1).* The City Council adopted the Vision Zero Policy Action Plan and Local Road Safety Plan on [September 10, 2024](#). The SAP provided City matching funds to leverage a \$62,000 Caltrans grant for this work. Staff has also implemented initial recommendations from the plan including development and implementation of a Vision Zero Marketing and Outreach campaign (“Drive wisely.”), which was rolled out in fall 2024. Funding was also used to support activities along Castro Street during COVID and the pedestrian mall pilot.
- B. *Support Expansion of Transportation Management Association Programs to Serve New Businesses (SAP Action T6.1).* The Mountain View Transportation Management Association (TMA) continues to provide services to reduce the number of single-occupancy vehicles and improve access to transportation options for people that live and work in Mountain View. In spring 2022, the TMA implemented a new program to reimburse transportation network company (i.e., Uber and Lyft) users for expenses related to midday trips while MVgo shuttle service is unavailable. The TMA is also marketing the Community Shuttle and MVgo services and expanding membership and services to new residential developments. City staff is also working with the TMA to explore innovative transportation demand management (TDM) service options such as a Shoreline Amphitheatre shuttle pilot.
- C. *Develop and Explore Residential and Downtown Transportation Demand Management Programs (SAP Action T6.6).* A Citywide Transportation Demand Management (TDM) ordinance is in development and anticipated to be presented to the City Council for adoption in fall 2025. A TDM ordinance would be a Citywide policy that requires new developments to implement strategies to encourage people to use multi-modal transportation options with the goal of reducing vehicle miles traveled and drive-alone trips. In 2025, staff will seek input on the draft TDM framework from the City Council and key stakeholders, including the Bicycle/Pedestrian Advisory Committee and the

Environmental Planning Commission. Once the Citywide TDM ordinance is adopted, staff will begin work on developing a downtown TDM pilot program.

## **Energy**

The following energy actions have been completed or are in progress:

- A. *Analyze opportunities for electrification during renovations (SAP Action B4.1).* This action involves electrification of existing City facilities. The City has completed or made progress on several projects to electrify municipal equipment and infrastructure:
- The electrification of the HVAC system at Fire Station 1 was completed in June 2022;
  - The all-electric Rengstorff Aquatics Center project that includes heat pump technology for pool heating is under construction and scheduled for completion in 2024;
  - Design of the Senior Center’s electric water heating system and electric kitchen is under way, with construction anticipated to be completed by June 2026; and
  - 12 out of 18 City facilities have undergone transitions to electric heat pump water heaters, resulting in the removal of 14 gas water heaters ranging in size from 29 gallons to 125 gallons. The PG&E Government K-12 Energy Efficiency Program administered by Willdan provided these installations at no cost to the City. Two additional sites are planned for installation this winter.
- B. *Implement Energy Efficiency and Electrification Projects (SAP Action B2.4).* This action mainly involves implementing projects, policies, or programs that will electrify existing buildings. The Year of the Water Heater Campaign will be launching in 2025 using \$300,000 from the Sustainability Fund to support implementation. The campaign will also include a Mountain View incentive to replace gas-fired water heaters with electric heat pumps. This campaign proposal was presented to the CSC at their [October 28](#) meeting, at which the CSC expressed support. Depending on the incentive participation levels, additional funding may be allocated. Staff will update the CSC on the campaign’s progress.

In early 2024, the City entered into an agreement with the BlocPower to implement a multi-family building electrification pilot program. BlocPower’s scope of work included developing the targeted maps and multi-family building information to identify ideal locations for instituting electrification measures. In addition, BlocPower would provide technical assistance for multi-family property owners to electrify. This program was partially completed by developing a map of multi-family properties that could benefit from

electrification. Unfortunately, BlocPower no longer provides multi-family property electrification project management services, which resulted in ending their contract earlier than anticipated, resulting in \$50,000 in contract savings. The savings will be used to support the Year of the Water Heater Campaign to offer further incentives for low-income homeowners.

The existing multi-family building sector has significant challenges to electrify compared to other sectors. Owners must not only electrify their buildings but also provide on-site EV charging for tenants. Attempting to get multi-family property owners to do both building electrification and EV charging at the same time may not be feasible. A more strategic and targeted approach to engage with multi-family property owners would be beneficial. Based on current incentives, property owner motivation, and GHG reduction potentials, supporting multi-family to install EV charging will be a primary focus in the upcoming year. Staff will be bringing forward items for discussion with the CSC that can support multi-family EV charging. In addition, staff will explore opportunities to collaborate with SVCE.

For multi-family building electrification, SVCE recently launched a program for affordable housing. Staff is monitoring this program as the products and services become more streamlined for a potential launch to all multi-family properties. There may be opportunities to enhance this program for multi-family buildings in Mountain View.

### **Off-Road Equipment and Tree Canopy**

The following action is completed:

- A. *Evaluate a trade-in or rebate program for landscaping equipment (SAP Action P3.2).* A Mountain View trade-in/rebate program was not implemented as state and regional agencies provided adequate incentive programs to replace gas-powered landscaping equipment with electric alternatives. Instead, the City promoted rebates available through the state's CORE program to local landscapers. SVCE also offers discounts to their customers via the eHub. A portion of the funds originally allocated to this project were instead used to partner with the Day Worker Center to promote uptake of electric tool landscaping in the community. In 2024, the City and Day Worker Center hosted two electric tool trainings for over a dozen local landscape workers, and the Day Worker Center also launched an electric landscape tool library sponsored by the City. Cumulatively, over 100 hours of electric landscape work have resulted from the toolkit program.

The following actions are in progress:

- B. *Develop a new Urban Forest Plan as part of the City's Biodiversity Strategy (SAP Action P2.2).* As part of the Biodiversity Strategy, the City is developing a new Urban Forest Plan to

replace the 2015 Community Tree Master Plan. The review of existing policies and programs has been completed. Community engagement for the project is under way and will be completed by the end of 2024. A draft Biodiversity and Urban Forest Plan will be available in spring 2025 and will be presented to the Parks and Recreation Commission and the Environmental Planning Commission. The draft plan and recommendations from these commissions will be presented to the City Council to consider for adoption at the end of 2025.

- C. *Expand use of electric landscaping equipment and test new models (SAP Action P3.1).* Staff continues to replace older gas-powered landscaping equipment with electric models. An estimated 50% of the City's handheld gas-powered landscaping equipment has been transitioned to electric, consisting mainly of push mowers, string trimmers (weed whackers), and leaf blowers. In addition, staff is aiming to replace two gas-powered of its three ride-on mowers to electric, which perform the majority of grass mowing throughout City parks.

Staff has held demonstration events for Fleet and Parks staff to test new technology. Two upcoming mini-parks (Evelyn and Villa), anticipated to open in 2025, will be fully maintained with electric equipment. Savings of \$16,351 from other SAP actions will be used to purchase equipment for the Evelyn and Villa Mini-Parks and help continue to phase out current gas-powered equipment.

### **Core Sustainability and Outreach Actions**

The following core sustainability and outreach actions have been completed:

- A. *Allocate funds for community/municipal pilot projects and training (SAP Action S1.3).* On [May 23, 2023](#), the City Council approved appropriating \$360,000 from the Sustainability Fund to Project 22-34, which will electrify the water heaters and kitchen appliances at the Mountain View Senior Center. However, staff continues to explore community and municipal pilot projects and training through other SAP actions, such as the BlocPower multifamily pilot described above. An EV pilot for patrol vehicles is also under way that includes testing various mobile EV charging options.
- B. *Implement neighborhood-based community engagement on decarbonization and Resiliency (SAP Action S4.5).* Forty-five (45) residents participated in the second cohort of the Cool Block program, which was completed in 2022. The City has hired two part-time staff members to implement the third cohort, which will focus on electrification. Staff has also engaged neighborhoods directly at events such as neighborhood association ice cream socials.

- C. *Develop a resolution and outreach in support of a plant-based diet (SAP Action S4.7).* The City Council adopted a resolution in support of a plant-based diet on [May 10, 2022](#). Outreach to residents, employees, and businesses to raise awareness and encourage plant-based eating is ongoing, including in-person and virtual events, a feature in the Sustainability newsletter, and social media content.

One element of the resolution was to explore a plant-based restaurant certification program. Staff analyzed certification programs and found that they do not appear to influence consumer behavior to patronize participating restaurants or choose plant-based options at these restaurants. In fact, it can have the opposite effect on consumers where they do not choose plant-based options if they are identified with a symbol or certification.

Instead of a certification program, staff began to explore a pilot program to support restaurants in adding more plant-based items to their menu. In fall 2024, a Request for Proposals was issued to develop and implement a program for restaurants in Mountain View. Unfortunately, proposals significantly exceeded budgeted program funds.

Consumer behavior may change in the coming years regarding plant-based eating as it becomes more mainstream and identified as the healthiest form of diet. However, at this time, the ongoing cost to administer a certification or pilot program may not bring the hoped-for emission reductions. Remaining funds (\$28,774) for this action will be moved to higher-impact GHG reduction programs and activities, such as building and transportation decarbonization. Staff will continue to promote plant-based eating through social media, Sustainability newsletters, and as part of ongoing events, such as Earth Day.

The following core sustainability and outreach actions are in progress:

- A. *Plan and implement for municipal and community decarbonization (SAP Action S1.8).* On November 19, the City Council will consider approving the scope of work to develop a Climate decarbonization goal analysis for 2035 and 2040 (after the packeting of this CSC report). The City's current decarbonization goal is 2045. The anticipated outcome of this project is to adopt a more progressive target year to decarbonize and understand the major actions that will be needed in the next five years to stay on track to meeting the desired target. If approved, this project is expected to be completed by the end of 2025.

Implementation of other community decarbonization efforts include Council's adoption of rewiring requirements for new buildings and existing buildings undergoing major renovations. The requirements will take effect in 2025 and will provide a smoother transition from gas to electric equipment by installing the necessary electrical infrastructure in a building. The next steps for building codes are to work with SVCE to discuss new reach code recommendations for the upcoming triennial building code adoption process that will

be adopted in 2025. This could include measures to encourage (but not require) building electrification as well as EV charging requirements. In addition, Council also directed staff to explore Zoning Code incentives to encourage electrification of buildings. Staff will present a recommendation to the CSC in 2025.

On the municipal side, the Sustainability Division and Public Works Department have been collaborating to plan and implement municipal decarbonization projects and have created cross-departmental teams. The City Council approved three major projects this year to install solar at the Senior Center, Whisman Sports Center, and Mountain View Sports Pavilion. The new Aquatics Center will use heat pumps for pool heating. Additional information regarding the municipal decarbonization prioritization plan and implementation will be discussed with the CSC at this meeting as a separate agenda item.

- B. *Develop a Climate Vulnerability and Resilience Plan (SAP Action S1.7).* On November 19, the City Council will consider approving the scope of work to develop a Climate Vulnerability Assessment (after the packeting of this CSC report). This will be the first step to understanding the climate impacts Mountain View will face and how they will vary across neighborhoods and demographics. The anticipated outcome of the assessment is to provide information to the CSC and the City Council and consider potential next steps on how to prepare the community and municipal operations to withstand some of the changes occurring due to climate change. If approved, the project is expected to be completed by the end of 2025.

**Updates on SAP Funded Staffing**

Council approved seven new positions as part of adopting SAP. All positions have been filled. Table 1 provides updates on each position.

**Table 1: Updates on New Staffing**

<b>Position</b>	<b>Count/Type</b>	<b>Dept.</b>	<b>Status</b>
Sustainability Facilities Project Manager/Senior Civil Engineer	2 FTE, Limited Period—two years	PWD	Filled since March 2020
Transportation Planner	1 FTE, Ongoing	PWD	Filled since June 2022
Sustainability Facilities Maintenance Worker I/II	2 FTE, Limited Period—two years	PWD	Filled since February 2022
Building and Vehicle Electrification Analyst	1 FTE, Limited-Period—two years	CMO	Filled since September 2022
Chief Sustainability and Resiliency Officer	1 FTE, ongoing	CMO	Filled since March 2022
TDM and Parking Demand Management Analyst	1 FTE, ongoing	PWD	Filled since January 2022
Deputy Building Official	1 FTE, ongoing	CDD	Filled January 2024



## **SAP Budget**

The City Council approved the creation of a Capital Improvement Program (CIP) (Project 20-99) for Sustainability Projects (the “Sustainability Fund”) on [June 11, 2019](#), with an allocation of \$7.5 million from the General Non-Operating Fund. As of May 30, 2023, \$3,380,200 of this total was allocated to fund the staff positions described above and \$4,119,800 was allocated to projects within SAP.

Council has since allocated an additional \$2,202,368 to the Sustainability Fund, with \$1,500,000 reserved for matching funds for grant applications as well as investments in sustainability measures that will result in energy or cost savings. This brought the total Sustainability Fund budget to \$9,702,368. The Sustainability Fund has a current balance of \$702,368 with \$560,026 allocated to support additional progress on existing SAP actions, such as fleet electrification pilots and decarbonization initiatives. The remaining \$142,342 will be used as contingency for in-progress SAP actions and/or to support new decarbonization projects. Attachment 2 provides an overview of allocations to specific actions in the SAP.

On several occasions, the City has successfully leveraged SAP funding to secure additional sources of funding or provide financing until reimbursements are received. Examples are described in [the May 30, 2023 memo to the CSC](#).

The City has also received, or anticipates receiving, the following grants which will be allocated to the Sustainability Fund:

- **Santa Clara County Public Health Department Climate and Health Program Funding:** On [October 8, 2024](#), Council approved a resolution authorizing the City to accept \$25,000 in grant funding from Santa Clara County to support community engagement to vulnerable populations in Mountain View to enhance their readiness for extreme heat and air quality events.
- **Energy Conservation and Block Grant Program:** On October 29, 2024, staff submitted an application for a formula grant of \$148,010. The funding, if received, will support the Senior Center water heating and electrification project, which is already under way.
- **Inflation Reduction Act Tax Credits (Direct Pay):** Staff is working to apply for various tax credits—for example, for solar and electric vehicles—made available through the Inflation Reduction Act.
- **Silicon Valley Clean Energy Grants:** SVCE recently announced that non-competitive grants will be automatically awarded to agencies upon application to use for decarbonization initiatives. Staff anticipates using this funding to address the urgent need for fleet EV

charging. In addition, there will be competitive grant opportunities for a community decarbonization demonstration project and a community engagement grant. Staff plans to apply for these competitive grants and, if awarded, use the funds to support additional outreach for the Year of the Water Heater Campaign, and to replace gas space heating systems with an electric heat pump at the Whisman Sports Center and Mountain View Sports Center that would also add a cooling feature to these facilities.

### **FISCAL IMPACT**

There is sufficient budget in the Sustainability Project Capital Improvement Program (CIP) (Project 20-99). No additional appropriation is needed at this time.

### **CONCLUSION**

The SAP was adopted to build on the City's past sustainability successes by increasing resources to address climate change and other sustainability challenges. Since adoption, most actions have been completed, with a few still in progress. Staff is currently developing a decarbonization goal analysis for CSC and Council consideration in 2025.

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Attachments:   1.   Sustainability Action Plan Progress Update  
                  2.   Sustainability Fund Spending Plan

# Sustainability Action Plan: Progress Update

## TRANSPORTATION

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
T2.1	Conduct assessment to apply for Measure B grant funds.	PWD	Completed	Q4 2019	Funds used to support Measure B grant application, which yielded \$26.8 million in ped/bike funding for Mountain View projects including El Camino Real Ped/Bike Improvements, Stevens Creek Trail Extension, and Bernardo Avenue Undercrossing.
T2.16	Implement a Citywide Pilot Bicycle Facilities and Monitoring Program.	PWD	In Progress	Q4 2025	Staff has conducted counts at locations with upcoming Complete Streets projects using free equipment provided by Caltrans and beta tested trail counters at a number of locations in the City. Staff will assess ongoing monitoring options based on lessons gleaned from the above efforts.
<b>T3.2</b>	<b>Develop guidelines and infrastructure for e-scooter share pilot.</b>	PWD	<b>In Progress</b>	<b>Q3 2025</b>	<b>This action has not been implemented due to workload and staffing constraints.</b>
T3.6	Develop or expand existing rebate programs for e-bikes and other mobility devices.	CMO	Completed	Q3 2024	The E-Bike Voucher Pilot Program was completed in August 2024, with 85 \$1,300-1,500 vouchers used by low-income residents to purchase an e-bike.
T5.1	<b>Develop, adopt, and implement Vision Zero Policy and Action Plan.</b>	PWD	<b>In Progress</b>	<b>Q3 2025</b>	<b>Council adopted the Vision Zero Action Plan / Local Road Safety Plan on September 10, 2024. Staff has also implemented initial recommendations from the plan including a Vision Zero marketing and outreach campaign ("Drive wisely."), which was rolled out in fall 2024. Additionally, T3.1, "create dedicated funding for active transportation outreach" was consolidated here and brought \$97,304 (This funding was used to support activities along Castro Street during COVID and the pedestrian mall pilot in addition to the above campaign).</b>

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### TRANSPORTATION

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
T6.1	Support expansion of TMA programs to serve new businesses.	PWD	Completed	Ongoing	In spring 2022, the TMA implemented a new program to reimburse transit/carpool users for expenses related to mid-day trips. The TMA is also marketing the Community Shuttle and MVgo services and expanding membership and services to new residential developments. Staff is exploring a number of innovative TDM service options with the TMA, including an amphitheater shuttle pilot.
<b>T6.6</b>	<b>Develop and explore residential and downtown TDM programs.</b>	PWD	<b>In Progress</b>	<b>Q4 2025</b>	<b>A citywide TDM ordinance is in development and anticipated to be adopted by Council in fall 2025. By early 2025, staff will present the draft TDM framework to key stakeholder groups, including the BPAC, EPC and City Council. Following adoption of the TDM Ordinance, staff will work on a Downtown TDM Pilot program.</b>
T7.2	Evaluate pricing for EV charging at City-owned EV chargers.	CMO	Completed	Q1 2020	Approved by City Council on 2/25/2020.
T7.3	Install additional EV chargers in downtown parking garages.	PWD	Completed	Q1 2024	In spring 2022, 10 L2 chargers and make-ready infrastructure for 15 more L2 chargers were installed at 135 Bryant Street parking garage and 6 L2 chargers were added to the Civic Center garage. In spring 2024, 22 L2 and 1 L3 chargers were installed at the 850 California Street garage.
T7.4	Develop an Electric Vehicle Action Plan.	CMO	Completed	Q4 2021	Plan was published in December 2021.
T7.5	Evaluate opportunities to add EV chargers to other City facilities.	CMO	Completed	Q2 2022	Staff identified opportunities to install EV chargers at several City-owned parking facilities.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### TRANSPORTATION

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
T7.6	Evaluate vendor options for existing EV chargers at City facilities.	CMO	Completed	Q2 2022	Defunct Chargepoint chargers at 850 California Street and Civic Center Parking Structures were replaced with PowerFlex charging ports in spring 2022.
T7.8	Support SVCE program to install EV chargers in MUDs.	CMO	Completed/Ongoing	Ongoing	This is an ongoing effort. Sustainability will promote updated SVCE EV charger initiatives for MUDs as they are developed.
T7.10	Install additional EV chargers as needed at City facilities.	PWD	Completed/Ongoing	Ongoing	4 L2 EV chargers were installed at the Municipal Operations Center in 2024. The Rengstorff Park Aquatics Center Replacement Project will include 4 L2 EV chargers as well as make-ready infrastructure for future installation of additional chargers. Staff applied for grant funding to install 8 EV chargers at the Senior Center and is assessing opportunities to install chargers at other facilities such as the Shoreline Park and the Police Fire Administration Building. Sustainability and PWD have assembled a cross-departmental team to plan for EV chargers at City facilities.
T8.3	Develop a Fleet Electrification Plan.	PWD	Completed	Q2 2024	Development of the Fleet Electrification Plan is complete and provides high-level analysis of vehicle replacements and charging needs citywide. Staff has assembled a cross-departmental working group to coordinate the next steps on plan implementation, including further vehicle-by-vehicle analysis, electric vehicle pilots, and the development of an EV first purchasing policy.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### TRANSPORTATION

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
T8.4	Explore fuel efficiency measures to reduce City fleet fuel use.	PWD	Completed/Ongoing	Ongoing	Staff proposes fuel efficient, electric and hybrid vehicles during the equipment replacement process and has transitioned the City's fleet to red dye diesel which is a cleaner burning renewable fuel.
T8.5	Explore opportunities to pilot or test heavy-duty electric vehicles.	PWD	Completed	Q3 2023	The City's bookmobile was replaced with an electric bookmobile that began operating in January 2024. PWD has also test-driven multiple electric trucks. Other opportunities will be pursued through T8.3
T9.2	Revise employee commute survey to support GHG inventory.	CMO	Completed	Q2 2020	Completed in February 2020. A further revised employee commute survey was also deployed in May 2023 to support the 2022 LGO GHG inventory.
T9.3	Evaluate City employee demand for EV charging.	CMO	Completed	Q2 2023	Employee demand for EV charging was evaluated through the City employee commute survey deployed in May 2023. Staff is now assessing opportunities to install more charging at City facilities.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### ENERGY

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
B1.1	Develop a reach code to support building electrification.	CDD	Completed	Q4 2019	City Council adopted the Mountain View Green Building Codes and Reach Code on 11/12/2019. A pre-wire building code was adopted in October 2024. Additional reach codes will be explored for adoption in 2025 to encourage building electrification.
B1.3	Develop building electrification reach codes for 2022 code cycle.	CDD	Completed	Q4 2022	Council adopted the Mountain View Green Building Codes and Reach Code on 12/13/2022.
B2.2	Promote SVCE's heat pump water heater incentive pilot.	CMO	Completed	Ongoing	Staff promoted SVCE's heat pump water heater incentive through its pilot program phase and continues to promote all of SVCE's incentive programs for electric appliances.
B2.4	Implement energy efficiency and electrification projects.	CMO	In Progress	Ongoing	Year of the Water Heater Campaign will be launched in 2025 and includes a Mountain View rebate for heat pump water heaters. In early 2024, the City entered into an agreement with BlocPower to implement a multifamily building electrification pilot program.
B3.2	Develop a reach code to require non-residential solar PV.	CDD	Completed	Q4 2019	City Council adopted the Mountain View Green Building Codes and Reach Code requiring solar PV on all new non-residential buildings on 11/12/2019.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### ENERGY

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
B4.1	Analyze opportunities for electrification during renovations.	PWD	Completed/Ongoing	Ongoing	The Fire Station 1 HVAC system electrification was completed in June 2022. The all-electric Rengstorff Aquatics Center project is under construction and scheduled for completion in 2024. Design of the Senior Center's electric water heating system is underway, with construction anticipated to be completed by December 2025. 12 city facilities have undergone no-cost natural gas to electric heat pump water heater transitions through a PG&E program, with more sites planned for 2024-2025. Other opportunities will be evaluated through S1.8.
B4.5	Develop LEED® Gold certification policy with LEED® Platinum analysis.	CMO	Completed	Q2 2020	Policy approved by Council on 6/9/2020.
B4.6	Develop electrification and renewable energy policy for City facilities.	CMO	Completed	Q2 2020	Policy approved by Council on 6/9/2020.
B4.8	Implement energy efficiency upgrades in City facilities.	PWD	Completed/Ongoing	Ongoing	Energy efficiency upgrades in City facilities are ongoing. A Limited-Term Facilities Technician was hired in October 2021. Scope of work includes LED light retrofits and other energy conservation tasks.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.



## Sustainability Action Plan: Progress Update

### OFF-ROAD EQUIPMENT, TREE CANOPY AND WATER

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
P2.1	Partner with Google to improve tracking of tree canopy cover.	CMO	Completed	Q3 2022	Google has incorporated Mountain View tree canopy data into the Environmental Insights Explorer.
<b>P2.2</b>	<b>Develop a new Urban Forest Plan as part of the City's Biodiversity Strategy.</b>	<b>CSD</b>	<b>In Progress</b>	<b>Q4 2025</b>	<b>The policy and precedent review has been completed and community engagement for the project is underway and will wrap up by the end of 2024. Staff anticipates that a draft of the Biodiversity and Urban Forest Plan will be released in Q2 2025.</b>
P2.3	Partner with Canopy to expand tree planting and outreach.	CSD	Completed/Ongoing	Ongoing	Staff continues to work with Canopy to engage the public on the value of trees and tree planting. One-time funding increased from \$85k in FY23/24 to just over \$100k for FY24/25 which allowed for the planting of an additional 50 trees and attendance and support of several Biodiversity and Urban Forest Plan events and workshops.
P3.1	Expand use of electric landscaping equipment and test new models.	CSD	In Progress	Q3 2025	Staff continues to replace older gas-powered equipment with electric versions. Staff has held demonstration events for fleet and parks staff to test new technology. Two upcoming mini parks (Evelyn and Villa), anticipated to open in 2025, will be fully maintained with electric equipment. The remaining funding will be used to purchase equipment for the these parks and help continue to phase out current gas-powered equipment. Recommend increasing balance by \$16,351 (from W1.3).
P3.2	Evaluate a trade-in or rebate program for landscaping equipment.	CMO	Completed	Q2 2023	The City has promoted rebates available through the State's CORE program to local landscapers. SVCE also offers discounts to their customers via the eHub.
W1.2	Investigate installing a CIMIS weather station.	CSD	Completed	Q4 2021	Investigation identified potential problems with burrowing owls and the height of the station. Staff decided to not move forward with the installation.
W1.3	Conduct a communitywide irrigation audit.	CSD	Completed	Q4 2023	The audit has been completed. Recommend re-allocating remaining balance of \$16,351 to P3.1.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

# Sustainability Action Plan: Progress Update

## CORE SUSTAINABILITY AND OUTREACH

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
S1.2	Establish SAP-4 implementation team for metrics and reporting.	CMO	Completed	Q1 2021	Staff convenes this team semi-annually to discuss progress on SAP-4 actions and coordinate reporting, dashboard metrics, and relevant projects.
S1.3	Allocate funds for community/municipal pilot projects & training.	CMO	Completed	Ongoing	On 5/23/2023, Council approved appropriating \$360k from the Sustainability Fund to Project 22-34, which will electrify the Senior Center's water heaters and kitchen appliances.
S1.4	Begin process of exploring other funding sources.	CMO	Completed/Ongoing	Ongoing	Staff has identified possible funding sources, including enterprise funds, impact fees, and a revenue measure. On 6/25/2024, Council approved the placement of a revenue measure on the 11/5/2024 General Municipal Election Ballot. If the measure passes, some of the revenue may fund projects that advance the City's sustainability goals.
S1.6	Explore ways to incorporate social equity into sustainability program.	CMO	Completed/Ongoing	Ongoing	A framework for viewing all policies and programs through an equity lens has been developed. Sustainability staff is coordinating with MEP and REI efforts and has completed equity training. Funding has been used to support the E-Bike program and the remaining balance will go towards engaging vulnerable communities on extreme heat and air quality resiliency.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

# Sustainability Action Plan: Progress Update

## CORE SUSTAINABILITY AND OUTREACH

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
S1.7	Develop a climate vulnerability and resilience plan.	CMO	In Progress	Q4 2025	The CSC recommended the City Council approve the revised scope of services for a professional services agreement with Cascadia Consulting Group at the 10/28/2024 meeting. The proposed scope includes developing a climate vulnerability assessment. This will be considered by Council on 11/19/2024.
S1.8	<del>Develop Decarbonization Strategy and Municipal and Community Implementation Plans</del> Plan and Implement for Municipal and Community Decarbonization.	CMO	In Progress	Q4 2025	The CSC recommended the Council approve the revised scope of services for a professional services agreement with Cascadia Consulting Group at the 10/28/2024 meeting. The proposed scope includes conducting decarbonization goal analysis. This will be considered by Council on 11/19/2024. Sustainability and PWD have also been collaborating to plan for municipal decarbonization and implement municipal electrification projects.
S2.1	Evaluate ESTF-2 recommendations for GHG targets/accounting.	CMO	Completed	Q4 2019	Presented to City Council on 12/3/2019.
S2.2	Complete Preliminary 2018 and Final 2017 Community GHG Inventories.	CMO	Completed	Q4 2019	Presented to City Council on 12/3/2019.
S2.4	Work with Google to improve GHG inventory transportation data.	CMO	Completed/Ongoing	Ongoing	Staff continues to check-in with Google about transportation inventory data as new data is available. Staff plans to use the Google transportation data in the 2023 community GHG inventory.
S2.5	Complete Final 2018 Community GHG Inventory.	CMO	Completed	Q2 2021	Presented to City Council on 6/22/2021.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### CORE SUSTAINABILITY AND OUTREACH

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
S2.6	Evaluate use of CURB tool for prioritizing GHG reduction efforts.	CMO	Completed	Q4 2021	Staff evaluation completed in December 2021.
S2.7	Investigate use of carbon offsets.	CMO	Completed	Q4 2019	Presented to City Council on 12/3/2019.
S2.8	Complete 2019 Community GHG Inventory.	CMO	Completed	Q2 2022	Presented to City Council on 4/12/2022.
S2.11	Complete 2020 Community GHG Inventory.	CMO	Completed	Q2 2023	Presented to City Council on 6/27/2023. Funding used to support contract to host climate corps fellows.
S3.2	Develop an informal volunteer community group to support outreach.	CMO	Completed/Ongoing	Ongoing	The group was launched in November 2020. Staff is engaging the group for various opportunities.
S3.3	Develop a sustainability dashboard for the City's website.	CMO	Completed	Q2 2022	Sustainability dashboard was published on the City's website in 2022 and annual data updates are scheduled.
S4.5	Implement neighborhood-based community engagement on decarbonization and resiliency.	CMO	Completed/Ongoing	Q4 2025	In 2022, 45 residents participated in the 2nd cohort of Cool Block. 2 part-time staff have been hired to implement Cohort 3, with a strategic electrification track. Sustainability has engaged neighborhoods directly at Ice Cream Socials.
S4.6	Run Electrify MV program to educate about home upgrades.	CMO	Completed	Q2 2022	Yellowtin's Electrify Mountain View site launched in Spring 2022. This program was transitioned to the Year of the Water Heater Campaign launching in 2025.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Progress Update

### CORE SUSTAINABILITY AND OUTREACH

Task #	Action	Lead Dept.	Status	Est. Completion Date <sup>1</sup>	Update
S4.7	Develop a resolution and outreach in support of a plant-based diet.	CMO	Completed	Q2 2022	Resolution was passed on 5/10/2022 and outreach in support of a plant-based diet is ongoing. Staff will continue to promote plant-based eating through social media, Sustainability newsletters, and as part of on-going events, such as Earth Day.
S1.5	Evaluate certifications such as STAR or LEED for Cities.	CMO	Completed	Q4 2021	Staff evaluated these certification programs and does not recommend pursuing them at this time.
S2.3	Complete Final 2017 Local Government Operations GHG Inventory.	CMO	Completed	Q2 2020	Due to having updated data, presented 2018 inventory (rather than 2017) to City Council on 4/21/2020.
S2.12	Complete 2022 Local Government Operations GHG Inventory.	CMO	Completed	Q4 2023	Presented to City Council on 11/7/2023.

<sup>1</sup>Estimated completion dates are based on the calendar year (January-December).

**Bolded actions** are in the FY 2023-25 Council Work Plan approved on 6/13/2023.

## Sustainability Action Plan: Sustainability Fund Spending Plan

### Recommended Modifications to Program Budgets

Attachment 2

Task #	Action <sup>1</sup>	Lead Dept.	Status	Current Budget <sup>2</sup>	Current Balance <sup>3</sup>	Recommended Change	Recommended Balance
T2.1	Conduct assessment to apply for Measure B grant funds.	PWD	Completed	\$ 15,000	\$0	\$0	\$0
T2.16	Implement a Citywide Pilot Bicycle Facilities and Monitoring Program.	PWD	In Progress	\$ 50,000	\$50,000	\$0	\$50,000
T3.2	Develop guidelines and infrastructure for e-scooter share pilot.	PWD	In Progress	\$ 50,000	\$50,000	\$0	\$50,000
T3.6	Develop or expand existing rebate programs for e-bikes and other mobility devices.	CMO	Completed	\$ 110,000	\$0	\$0	\$0
T5.1	Develop, adopt, and implement Vision Zero Policy and Action Plan.	PWD	In Progress	\$ 990,000	\$491,211	\$0	\$491,211
T6.6	Develop and explore residential and downtown TDM programs.	PWD	In Progress	\$ 630,000	\$630,000	\$0	\$630,000
T8.3	Develop a Fleet Electrification Plan.	PWD	Completed	\$ 100,000	\$0	\$0	\$0
B2.4	Implement energy efficiency and electrification projects.	CMO	In Progress	\$ 613,806	\$563,807	\$0	\$563,807
P2.2	Develop a new Urban Forest Plan as part of the City's Biodiversity Strategy.	CSD	In Progress	\$ 45,000	\$0	\$0	\$0
P2.3	Partner with Canopy to expand tree planting and outreach.	CSD	Completed/Ongoing	\$ 159,880	\$0	\$0	\$0
P3.1	Expand use of electric landscaping equipment and test new models.	CSD	In Progress	\$ 70,120	\$25,023	\$16,351	\$41,374
P3.2	Evaluate a trade-in or rebate program for landscaping equipment.	CMO	Completed	\$ 20,994	\$0	\$0	\$0
W1.3	Conduct a communitywide irrigation audit.	CSD	Completed	\$ 75,000	\$16,351	(\$16,351)	\$0
S1.3	Allocate funds for community/ municipal pilot projects & training.	CMO	Completed	\$ 360,000	\$0	\$400,000	\$400,000
S1.6	Explore ways to incorporate social equity into sustainability program.	CMO	Completed/Ongoing	\$ 80,000	\$24,288	\$0	\$24,288
S1.7	Develop a climate vulnerability and resilience plan.	CMO	In Progress	\$ 180,000	\$180,000	\$0	\$180,000
S1.8	Plan and Implement for Municipal and Community Decarbonization	CMO	In Progress	\$ 300,000	\$300,000	\$160,026	\$460,026
S2.8	Complete 2019 Community GHG Inventory.	CMO	Completed	\$ 10,000	\$0	\$0	\$0
S2.11	Complete 2020 Community GHG Inventory.	CMO	Completed	\$ 10,000	\$0	\$0	\$0

<sup>1</sup>Only actions that had funding allocated are shown in this table.

<sup>2</sup>Current budget previously approved by Council.

<sup>3</sup>Remaining balance of the current budget previously approved by Council.

## Sustainability Action Plan: Sustainability Fund Spending Plan

### Recommended Modifications to Program Budgets

Task #	Action <sup>1</sup>	Lead Dept.	Status	Current Budget <sup>2</sup>	Current Balance <sup>3</sup>	Recommended Change	Recommended Balance
S3.3	Develop a sustainability dashboard for the City's website.	CMO	Completed	\$ -	\$0	\$0	\$0
S4.5	Implement neighborhood-based community engagement on decarbonization and resiliency.	CMO	Completed/Ongoing	\$ 160,000	\$35,000	\$0	\$35,000
S4.6	Run Electrify MV program to educate about home upgrades.	CMO	Completed	\$ 60,000	\$0	\$0	\$0
S4.7	Develop a resolution and outreach in support of a plant-based diet.	CMO	Completed	\$ 30,000	\$28,774	\$0	\$28,774

<b>TOTAL PROGRAM COSTS:</b>	<b>\$4,119,800</b>	<b>\$2,394,455</b>	<b>\$560,026</b>	<b>\$2,954,481</b>
<b>TOTAL STAFFING COSTS:</b>	<b>\$3,380,200</b>	<b>\$1,453,207</b>	<b>\$0</b>	<b>\$1,453,207</b>
<b>TOTAL RESERVED FOR MATCHING FUNDS:</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>		<b>\$1,500,000</b>
<b>TOTAL UNALLOCATED FUNDS:</b>	<b>\$702,368</b>	<b>\$702,368</b>	<b>(\$560,026)</b>	<b>\$142,342</b>

<b>TOTAL SUSTAINABILITY FUND BUDGET:</b>	<b>\$9,702,368</b>	<b>\$6,050,030</b>	<b>\$0</b>	<b>\$6,050,030</b>
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<sup>1</sup>Only actions that had funding allocated are shown in this table.

<sup>2</sup>Current budget previously approved by Council.

<sup>3</sup>Remaining balance of the current budget previously approved by Council.