


Sustainability Action Plan 4: Progress Update on New Actions

COMMUNITY ACTIONS

Transportation

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started
			FY 19-20	FY 20-21	FY 21-22						
T1. Transportation Planning											
T1.5	Develop a Strategic Transportation Sustainability Master Plan.	CMO					-\$150,000	RECOMMENDED FOR REMOVAL. Recommend to combine with Climate Action Plan update and Carbon Neutrality Plan after timeframe of SAP-4.	N/A		X
T2. Active Transportation Infrastructure											
T2.1	Conduct assessment to apply for Measure B grant funds.	PWD					\$15,000	COMPLETED. 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.	Q2 2020	X	
T2.16	Implement a Citywide Pilot Bicycle Facilities and Monitoring Program.	PWD					\$50,000	NOT STARTED. This task was unstaffed and the original \$1.5M appropriation was unfunded. However, staff would like to do limited implementation starting in Q1/Q2 2022 to allow for evaluation of upcoming projects.	Q1 2023		X
T2.17	Accelerate implementation of active transportation infrastructure projects.	PWD						ACTION REMOVED. City Council agreed with staff recommendation not to fund this item or associated staff proposed in SAP-4.	N/A		X
T3. Active Transportation Programs											
T3.1	Create dedicated funding for active transportation outreach.	PWD					\$240,000	IN PROGRESS. Numerous outreach events cancelled due to COVID. A portion of funding was used for COVID-19 active transportation outreach (such as Castro StrEATS and touchless ped push buttons). Other activities on hold pending staffing resources and post-pandemic conditions.	Q2 2023		X
T3.2	Develop guidelines and infrastructure for e-scooter share pilot.	PWD					-\$50,000	IN PROGRESS. Delay due to industry changes associated with COVID-19 in addition to staffing shortage. Council directed removal from Strategic Roadmap Action Plan. Propose deferring for consideration in SAP-5.	TBD		X
T3.5	Develop a bike rack request program.	PWD						IN PROGRESS. Program delayed due to staffing shortage, however, public input has been obtained via B/PAC for TFCA-funded bike rack project.	Q2 2022		X
T3.6	Develop rebate program for e-bikes and other mobility devices.	CMO					\$110,000	IN PROGRESS. Delayed due to staff vacancy.	Q4 2021		X
T3.7	Update the bicycle parking ordinance.	CDD						NOT STARTED. This action delayed until FY 2021-22 when a TDM Analyst is on board.	TBD		X

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			FY 19-20	FY 20-21	FY 21-22							
T5. Road Safety Programs												
T5.1	Adopt Vision Zero Policy and develop and implement Action Plan.	PWD					\$750,000	IN PROGRESS. Vision Zero policy has been adopted. Contract executed and work underway on joint Vision Zero Action Plan / Local Road Safety Plan.	Q2 2023		X	
T6. Transportation Demand Management												
T6.1	Support expansion of TMA programs to serve new businesses.	PWD						IN PROGRESS. The City recently received a VTA Measure B Sales Tax grant award to expand the Community Shuttle schedule from 10 AM to 6:00 PM daily, to 7 AM to 7 PM daily. The new Shuttle schedule will begin July 2021.	Jul. 2020		X	
T6.6	Explore development of downtown TDM pilot program.	CDD					\$480,000	NOT STARTED. This action will be delayed until FY 2021-22 when we will have a TDM Analyst on board.	TBD			X
T6.7	Implement residential TDM program to reduce drive-alone travel.	CMO					\$150,000	NOT STARTED.	Q2 2022			X
T7. Vehicle Electrification												
T7.2	Evaluate pricing for EV charging at City-owned EV chargers.	CMO						COMPLETED. Approved by City Council on 2/25/2020.	Q1 2020	X		X
T7.3	Install additional EV chargers in downtown parking garages.	PWD						IN PROGRESS. Finalizing agreement with vendor for downtown garages at 135 Bryant Street and 850 California Street	Q3 2021		X	
T7.4	Develop an Electric Vehicle Action Plan.	CMO						IN PROGRESS. Delayed due to staff vacancy and other priorities.	Q3 2021		X	
T7.5	Evaluate opportunities to add EV chargers to other City facilities.	CMO						COMPLETE.	Q1 2021	X		
T7.6	Evaluate vendor options for existing EV chargers at City facilities.	CMO						IN PROGRESS. Delayed due to staff vacancy.	Q4 2021		X	
T7.7	Facilitate an EV and EV charger group buy or discount program.	CMO					\$30,000	NOT STARTED. Delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD			X
T7.8	Support SVCE program to install EV chargers in MUDs.	CMO						IN PROGRESS. Staff has supported program where possible, but further support is delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD		X	
T7.10	Install additional EV chargers as needed at City facilities.	PWD						ONGOING. Applied for CALeVIP grant funding for chargers at downtown parking lot 2 and 9.	TBD		X	
T7.11	Review EV zoning recommendations from countywide study.	CDD						NOT STARTED. Delayed to FY 2021-22 due to other department priorities.	TBD			X

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Energy

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started
			FY 19-20	FY 20-21	FY 21-22						
B1. New Building Energy Use											
B1.1	Develop a reach code to support building electrification.	CDD					COMPLETED. City Council adopted the Mountain View Green Building Codes and Reach Code on November 12, 2019.	Nov. 2019	X		
B1.2	Explore further restrictions on natural gas use in new buildings.	CDD					RECOMMENDED FOR REMOVAL. Measure is no longer needed because the Reach Code adopted on November 12, 2019 prohibits natural gas in all new buildings.	N/A			X
B1.3	Develop building electrification reach codes for 2022 code cycle.	CDD					NOT STARTED. This measure will be evaluated as part of the 2022 code cycle.	Q4 2022			X
B2. Existing Buildings Energy Use											
B2.2	Promote SVCE's heat pump water heater incentive pilot.	CMO					COMPLETE AND ONGOING. Staff has been including the program in our monthly newsletter.	Ongoing	X		
B2.4	Explore a second Energy Upgrade Mountain View type of program.	CMO				\$260,000	NOT STARTED. Delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD			X
B2.5	Develop a City-funded fuel-switching rebate program for homes.	CMO				\$160,000	NOT STARTED. Delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD			X
B2.6	Develop a Building Benchmarking and Disclosure Ordinance	CMO				\$250,000	NOT STARTED. Delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD			X
B3. Decarbonizing the Energy Supply											
B3.2	Develop a reach code to require non-residential solar PV	CDD					COMPLETED. On November 12, 2019, City Council adopted the Mountain View Green Building Codes and Reach Code requiring solar PV on all new non-residential buildings.	Nov. 2019	X		
B3.3	Develop a Clean Energy Pledge for businesses.	CMO					NOT STARTED. Delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD			X
B3.4	Research options to require energy source/carbon disclosure.	CMO					NOT STARTED. Delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD			X

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Off-Road Equipment

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started	
			FY 19-20	FY 20-21	FY 21-22							
P3. Emissions from Landscaping Equipment												
P3.2	Evaluate a trade-in or rebate program for landscaping equipment.	CMO					\$100,000	IN PROGRESS. Staff will monitor regional and state developments regarding leaf blower restrictions and incentives and, if feasible and appropriate, will develop a local rebate or trade-in program.	Q2 2022		X	


Other Emissions (Not in Community Inventory)

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			FY 19-20	FY 20-21	FY 21-22							
P2. Tree Canopy												
P2.1	Partner with Google to improve tracking of tree canopy cover.	CMO						IN PROGRESS. Ongoing through the end of FY 2020-21.	Q2 2021		X	
P2.2	Update the Community Tree Master Plan.	CSD					\$45,000	IN PROGRESS. Contract is in place and Davey Resource Group is working on new canopy and permeable surface data.	Jan. 2022		X	
P2.3	Partner with Canopy to expand tree planting and outreach.	CSD					\$170,000	IN PROGRESS. We have had several tree planting and tree care workdays with Canopy along with a Mayors tree planting event in January. Canopy has also held virtual and self-guided educational tree walks and webinars. They have started work on a tree technical manual and homeowner brochure.	Jul. 2022		X	
S1. Sustainability Governance												
S1.2	Establish SAP-4 implementation team for metrics and reporting.	CMO						IN PROGRESS. Staff launched this team, which is meeting regularly to define metrics, select an online dashboard platform, and report progress of SAP-4 actions.	Q4 2021		X	
S1.3	Allocate funds for community/ municipal pilot projects & training.	CMO					\$150,000	In PROGRESS. Staff is allocating funds as needs arise.	Ongoing		X	
S1.4	Begin process of exploring other funding sources	CMO						In PROGRESS. Staff has identified a variety of possible funding sources. Progress on feasibility analysis has been delayed due to the economic uncertainties caused by the COVID-19 pandemic. Council has included exploration of a TOT revenue measure in the Strategic Roadmap Action Plan. The possible uses of this measure have not yet been identified.	Q2 2022		X	
S1.6	Explore ways to incorporate social equity into sustainability program.	CMO					\$80,000	In PROGRESS. Partially delayed due to COVID-19, but staff is evaluating all program decisions through a social equity lens.	Ongoing		X	
S1.7	Develop a city resilience and adaptation plan.	CMO					\$150,000	NOT STARTED. Delayed pending hiring the Chief Sustainability and Resilience Officer.	Q4 2022			X
S1.8	Develop Sustainability Action Plan 5.	CMO						NOT STARTED. Staff will begin the process of developing SAP-5 in Q2 2022.	Q3/Q4 2022			X

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S2. GHG Management and Accounting											
S2.1	Evaluate ESTF-2 recommendations for GHG targets/accounting.	CMO					COMPLETED. Presented to City Council on 12/3/2019	Dec. 2019	X		
S2.2	Complete Preliminary 2018 and Final 2017 Community GHG Inventories.	CMO					COMPLETED. Presented to City Council on 12/3/2019	Dec. 2019	X		
S2.4	Work with Google to improve GHG inventory transportation data.	CMO					IN PROGRESS. Will be ongoing through mid 2021.	Jun. 2021		X	
S2.5	Complete Final 2018 Community GHG Inventory.	CMO					IN PROGRESS. Staff is completing the Final 2018 inventory.	Jun. 2021		X	
S2.6	Evaluate use of CURB tool for prioritizing GHG reduction efforts.	CMO					NOT STARTED.	Q4 2021			X
S2.7	Investigate use of carbon offsets.	CMO					COMPLETED. Presented to City Council on 12/3/2019	Dec. 2019	X		
S2.8	Complete 2019 Community GHG Inventory.	CMO				\$10,000	IN PROGRESS. Staff will complete a Preliminary 2019 inventory by June 2021. The Final inventory will be complete by the first quarter of 2022.	Q1 2022		X	
S2.9	Develop a 2030 GHG Reduction Plan.	CMO					RECOMMENDED FOR REMOVAL. Recommend to combine with Climate Action Plan update and Carbon Neutrality Plan after timeframe of SAP-4.	N/A			X
S2.10	Investigate potential local carbon sequestration projects.	CMO					RECOMMENDED FOR REMOVAL. Recommend to combine with Climate Action Plan update and Carbon Neutrality Plan after timeframe of SAP-4.	N/A			X
S2.11	Complete 2020 Community GHG Inventory.	CMO				\$10,000	NOT STARTED.	Q2 2022			X
S3. Communications and Information											
S3.2	Develop an informal volunteer community group to support outreach.	CMO					COMPLETED. The group was launched in November 2020. Staff is engaging the group for different opportunities.	Ongoing	X		
S3.3	Develop a sustainability dashboard for the City's website.	CMO				\$30,000	IN PROGRESS. Sustainability staff is working with IT and other departments to define metrics and select an online platform.	Q4 2021		X	

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			FY 19-20	FY 20-21	FY 21-22						
S4. Community Outreach Programs											
S4.3	Develop Community Climate Solutions platform and conduct outreach.	CMO				\$35,000	IN PROGRESS. Program slightly delayed, but staff expects to launch it within the original expected timeline.	Q3/Q4 2021		X	
S4.5	Run the Cool Block program in Mountain View neighborhoods.	CMO				\$125,000	IN PROGRESS. A full launch in early 2020 was prevented due to COVID-19, but two groups completed the program virtually in Fall 2020. Staff plans to have a second launch once in-person meetings are possible.	Ongoing		X	
S4.6	Run YellowTin program to educate about home upgrades.	CMO				\$60,000	IN PROGRESS. Staff plans to launch online platform in Summer 2021.	Q2/Q3 2021		X	
S4.7	Develop a resolution and outreach in support of a plant-based diet.	CMO				\$30,000	IN PROGRESS. Staff developed multiple program options, but is waiting to gain support from restaurants until they are facing fewer stressors.	Q4 2021		X	
S5. Business Outreach Programs											
S5.2	Create a program for peer learning support for small businesses.	CMO				\$30,000	IN PROGRESS. Delayed due to COVID-19. Staff plans to move forward with this in late 2021.	Q4 2021		X	
S5.3	Hold sustainability roundtables for large businesses.	CMO					IN PROGRESS. Delayed due to COVID-19. Staff plans to move forward with this in early 2022.	Q1 2022		X	

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MUNICIPAL OPERATIONS ACTIONS

Energy Use - City Facilities

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started
			FY 19-20	FY 20-21	FY 21-22						
B4.1	Analyze opportunities for electrification during renovations.	PWD					IN PROGRESS. Electrification evaluated for Fire Station #1 and Civic Center.	TBD		X	
B4.5	Develop LEED® Gold certification policy with LEED® Platinum analysis.	CMO					COMPLETED. Approved by Council on 6/9/2020.	Jun. 2020	X		
B4.6	Develop electrification and renewable energy policy for City facilities.	CMO					COMPLETED. Approved by Council on 6/9/2020.	Jun. 2020	X		
B4.7	Develop revolving loan program and provide seed funding.	CMO				\$200,000	IN PROGRESS. Staff developed first draft of program, but it's now delayed pending hiring the Building and Vehicle Electrification Analyst.	TBD		X	
B4.8	Implement energy efficiency upgrades in City facilities.	PWD					IN PROGRESS. Staff is in the process of hiring a Limited-term Facilities Technician that was authorized as part of the SAP-4. The new Technician will assist with completing lighting upgrades and other energy conservation measures.	Jun. 2022		X	
B4.9	Conduct deep energy/electrification retrofit analysis of City facilities.	PWD				\$50,000	NOT STARTED.	TBD			X
B4.10	Address energy use from plug loads at City facilities.	PWD					NOT STARTED.	TBD			X
B4.11	Implement an energy conservation campaign for City staff.	CMO					NOT STARTED. Delayed due to COVID-19. Will launch once the majority of staff return to the office.	Q4 2021			X

Employee Commute

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started
			FY 19-20	FY 20-21	FY 21-22						
T9.2	Revise employee commute survey to support GHG inventory.	CMO					COMPLETED.	Feb. 2020	X		
T9.3	Evaluate City employee demand for EV charging.	CMO					NOT STARTED. Delayed due to many employees working from home as a result of COVID-19.	Q1 2022			X


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Fleet

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started
			FY 19-20	FY 20-21	FY 21-22						
T8. City Vehicle Fleet											
T8.1	Develop a Clean Fleets Policy.	PWD					IN PROGRESS. Staff is analyzing Clean Fleets policies from several jurisdictions to identify policies and best management practices that are applicable to Mountain View. Staff anticipates having a draft Clean Fleets Policy in June 2022	Jun. 2022		X	
T8.3	Develop a Fleet Electrification Plan.	PWD				\$100,000	IN PROGRESS. Vehicle charging is an integral component of fleet electrification. Staff will hire a consultant to study energy demand and capacity at City facilities as part of the Fleet Electrification Plan. Next steps include RFP development and funds identification.	Jun. 2022		X	
T8.4	Explore fuel efficiency measures to reduce City fleet fuel use.	PWD					IN PROGRESS. This is an ongoing process. Staff proposes fuel efficient and hybrid vehicles during the equipment replacement process. An internal marketing campaign as part of the Clean Fleets effort will focus on behavioral changes that will yield fuel conservation.			X	
T8.5	Explore opportunities to pilot or test heavy-duty electric vehicles.	PWD					IN PROGRESS. Staff continues to monitor vehicle manufactures for the availability of heavy-duty electric vehicles. There are no options at this time.			X	
P3. Off-Road Equipment											
P3.1	Expand use of electric landscaping equipment and test new models.	CSD				\$50,000	IN PROGRESS. Parks staff and Roadway/Downtown staff added to inventories of electric backpacks that are in use by crews. Additional funding is requested to provide all relevant City staff with an electric leaf blower, charger, and battery.	Dec. 2021		X	

Water

Task #	Action	Lead Dept.	Timeline			Approved 3-Year Budget from Sustainability Fund	Status	Est. Completion Date	Complete	In Progress/Ongoing	Not Started
			FY 19-20	FY 20-21	FY 21-22						
W1.2	Investigate installing a CIMIS weather station.	CSD					IN PROGRESS. Staff are in discussion with CIMIS and evaluating potential locations in Shoreline Park.	Q4 2021		X	
W1.3	NEW ACTION: Conduct a communitywide irrigation audit.	CSD				\$75,000	PROPOSED.	Dec. 2021			X

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Core Sustainability Governance

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S1. Sustainability Governance											
S1.5	Evaluate certifications such as STAR or LEED for Cities.	CMO					NOT STARTED. Delayed due to staff vacancy.	Q1 2022			X
S2. GHG Management and Accounting											
S2.3	Complete Final 2017 Local Government Operations GHG Inventory.	CMO					COMPLETED. Due to having updated data, presented 2018 inventory (rather than 2017) to City Council on 4/21/2020.	Apr. 2020	X		
S2.12	Complete 2020 Local Government Operations GHG Inventory.	CMO					NOT STARTED.	Q2 2022			X
S6. Outreach to City Employees											
S6.2	Re-establish the Green Team of City employees.	CMO					NOT STARTED. Delayed due to staff vacancies and COVID-19. Staff expects to re-launch the team in late 2021.	Q4 2021			X