







































Draft S/CAP Three-Year Work Plan








Work Item / Key Action		Funding	Staffing	Carbon Impact
		\$ = lowest cost \$\$\$\$ = highest cost	@ = Existing staffing @@@@ = need many addtl contract/perm/temp staff	 (low CO ₂ impact)    (high impact)
<i>S/CAP Adoption</i>				
A1	Build consensus among advocates and policy makers about what needs to be done to fight climate change. Work items include: Coordinate on-going S/CAP development, implementation and collaboration with the S/CAP Ad Hoc Committee, City Department, advocates, and experts; Coordinate S/CAP Plan Development and Adoption; Coordinate 3-Year Work Plan Development and Council Approval; Review the S/CAP Impact Analysis and Co-Benefits Analysis	Funding: \$	Staffing: @	n/a
A1	Finalize models and technical memos to make them usable by the community and for future staff work	Funding: \$	Staffing: @	n/a
A2	Engage stakeholders throughout the community to receive and incorporate feedback on the S/CAP	Funding: \$	Staffing: @	n/a
A3	Build community awareness of the need to fight climate change and what services and tools are available, partner with the community to build awareness & promote services. Work items include: Develop a major community engagement and communications plan to raise awareness of the S/CAP Adoption Process and planned programs, Launch a public outreach campaign	Funding: \$\$	Staffing: @@	
A4	Coordinate CEQA Review of the S/CAP	Funding: \$	Staffing: @	n/a
<i>Climate Action Programs and Other Emissions Reduction Actions and Outreach</i>				
C1	Enable any resident or business to receive guidance on reducing their building and transportation emissions via phone consultations, interactive web applications, or other communications platforms. They may receive a consultation and/or sign up for City programs and services (also see Energy Key Actions E1 and E2, EV Key Action EV1, and Mobility action M1)	Funding: \$\$\$	Staffing: @@	  

Work Item / Key Action		Funding \$ = lowest cost \$\$\$\$ = highest cost	Staffing @ = Existing staffing @@@@ = need many addtl contract/perm/temp staff	Carbon Impact  (low CO ₂ impact)  (high impact)
C2	Work with major employers to develop custom emissions reduction plans that address commute, building and other emissions on an employer by employer basis	Funding: \$	Staffing: @@@	
E1	Launch comprehensive residential program services and incentives to promote voluntary electrification of water heating, space heating, cooking, clothes drying, and other appliances that use natural gas, as well as single-family residence panel upgrades and EV charger installation (also see Key Action EV2, Multi-family EV Charging program). Services may include technical assistance, vetted contractor lists, on-bill financing, and/or direct install services.	Funding: \$\$\$\$	Staffing: @@@	
E2	Launch non-residential program services and incentives for electrification of non-residential mixed-fuel rooftop packaged HVAC units, cooking equipment, and small non-residential gas appliances (as well as workplace EV charging). Services may include technical assistance, vetted contractor lists, on-bill financing, and/or direct install services.	Funding: \$\$\$\$	Staffing: @	
E4	Develop electric rate options for electrified homes, EV charging, and solar + storage microgrid customers	Funding: \$	Staffing: @	n/a
E5A	Adopt an All-Electric Reach Code for non-residential new construction projects, if feasible, through the established process for Energy Code updates	Funding: \$\$	Staffing: @@	
E5B	Adopt an All-Electric Reach Code or gas ban for new detached ADUs, if feasible, through the established process for Energy Code updates	Funding: \$\$	Staffing: @@	
E5C	Adopt a definition for substantial remodel project that triggers all-electric reach code requirements, if feasible, through the established process for Energy Code updates	Funding: \$\$	Staffing: @@	
E8	Evaluate City ordinance to require energy benchmarking for commercial and multifamily buildings over 25,000 sf	Funding: \$\$	Staffing: @@	
EV1	Raise awareness of emission savings of alternative transportation modes, micromobility (such as e-bikes and e-scooters), EVs, the economics of these transportation modes compared to gasoline vehicles, and available incentives. Collaborate with regional partners, other agencies, and local nonprofit partners in promotional efforts. Provide information and access to City and partner programs via phone consultations, interactive web applications, or other communications platforms.	Funding: \$\$\$	Staffing: @@	

Work Item / Key Action		Funding \$ = lowest cost \$\$\$\$ = highest cost	Staffing @ = Existing staffing @@@@ = need many addtl contract/perm/temp staff	Carbon Impact  (low CO ₂ impact)  (high impact)
EV2	Enhance multi-family and workplace EV charging program as needed to create high levels of participation and expand it to include bike facility evaluation and alternative commute promotion. Evaluate financing and direct installation program features.	Funding: \$	Staffing: @	
EV7	Convert all compact sedan Palo Alto municipal vehicles to EVs when an e-bike is not an operationally acceptable replacement	Funding: \$\$	Staffing: @@	
M1A	Launch bike/scooter shared micro-mobility service to provide last-mile connection	Funding: \$\$	Staffing: @@	 (rating represents combined impact of all Mobility actions)
M1B	Launch on-demand transit service pilot	Funding: \$ (grant funded pilot)	Staffing: @	
M1C	Pilot Neighborhood Mobility Hubs at activity centers, based on Mobility Needs Assessment in M4	Funding: \$\$	Staffing: @@	
M1D	Bundle Mobility options into one program/platform (Maas, Mobility Wallet) if technology allows	Funding: \$\$\$	Staffing: @@	
M2A	Allocate funding for TMA and expand scope to entire City to help scale up TDM programming	Funding: \$\$\$	Staffing: @@	
M2B	Adopt telecommuting policy for local employers to align with regional targets.	Funding: \$\$	Staffing: @@	
M2C	Adopt a TDM Ordinance	Funding: \$\$	Staffing: @@	
M2D	Establish a Safe Routes for Older Adults/Aging in Place program based on M4	Funding: \$\$	Staffing: @@	
M3A	Implement proposals for Council to price parking in business districts	Funding: \$\$\$	Staffing: @	
M3B	Implement smart parking infrastructure in public garages	Funding: \$\$\$\$	Staffing: @	
M3C	Review and recommend adjustments to development parking requirements. Use recommendations from M4.	Funding: \$\$	Staffing: @@	
M4B	Develop proposals for Council for policies to discourage vehicle use and encourage alternative modes for all trip types. Alternatives to evaluate include vehicle-free streets and other recommendations	Funding: \$\$	Staffing: @	
M5B	Implement Bicycle and Pedestrian Transportation Plan (also see M5, below, under Climate Action Studies, for Bicycle and Pedestrian Plan and Vision Zero Update)	Funding: \$\$\$\$	Staffing: @@	

Work Item / Key Action		Funding \$ = lowest cost \$\$\$\$ = highest cost	Staffing @ = Existing staffing @@@@ = need many addtl contract/perm/temp staff	Carbon Impact  (low CO ₂ impact)  (high impact)
<i>Climate Action Studies and Supporting Efforts</i>				
C3	Complete study to identify any additional Energy, EV, or Mobility key actions needed to achieve 80% reduction in greenhouse gas emissions from 1990 levels by 2030	Funding: \$\$	Staffing: @@	 (rating represents potential effect of actions to be identified)
C4	Complete a study, including legal analysis, of the staffing and funding needed to operate programs, services, and related City processes at a high enough capacity to accommodate all necessary emissions reduction activities through 2030	Funding: \$\$	Staffing: @@	
C5	Present options for Council consideration to accelerate EV, Mobility, and Energy emissions reduction activities identified in this Plan through mandates or price signals, such as buildings emissions performance standard, carbon pricing, on-sale or replace-on-burnout ordinances, parking rules in public and private spaces, and withdrawal of gas by a date certain	Funding: \$\$	Staffing: @@	
C6	Complete a technical and legal study of alternatives available to fund post-2025 key actions, such as a carbon tax, parcel taxes, or other community funding mechanisms	Funding: \$	Staffing: @	
C7 E3	Complete an affordability study to identify vulnerable populations and businesses who may need help with electrification	Funding: \$	Staffing: @	n/a
C8	Complete a study of carbon neutrality options with completion planned for year-end 2022. Consider the contribution of the Palo Alto urban canopy in achieving carbon neutrality goals	Funding: \$\$	Staffing: @@	 (rating represents potential effect of actions to be identified)
E6	Conduct an Electrification and Planning Assessment of City Facilities, which will be used to develop a plan for electrification that results in an 80% reduction in natural gas usage at City facilities by 2030	Funding: \$\$	Staffing: @@	 (rating represents potential effect of actions to be identified)
E7	Complete a study of reliability and resiliency needs in an electrified community	Funding: \$\$	Staffing: @@	n/a
E7	Develop a plan to preserve and enhance community electric system emergency reliability and resiliency, including evaluating the role of solar, storage, and other flexible energy technologies.	Funding: \$\$	Staffing: @@	n/a

Work Item / Key Action		Funding \$ = lowest cost \$\$\$\$ = highest cost	Staffing @ = Existing staffing @@@@ = need many addtl contract/perm/temp staff	Carbon Impact  (low CO ₂ impact)    (high impact)
EV3	Study incentives available for small EVs like e-bikes and e-scooters and develop incentive recommendations if needed. Promote new and existing incentives.	Funding: \$	Staffing: @@	
EV4 E3	Study EV affordability and other barriers for low-income residents and develop plan for EV and charger promotion to this group	Funding: \$\$	Staffing: @	 
EV5	Evaluate a residential EV credit or rate mechanism that creates an electric bill discount for registered EVs	Funding: \$	Staffing: @	
EV6	Evaluate mandates or other mechanisms to ensure EV charging capacity needed to support EV growth	Funding: \$\$	Staffing: @	   (rating represents potential effect of actions to be identified)
M4A	Conduct a land use and transportation study to identify scenarios, changes, services, and programs that would reduce greenhouse gas emissions and accommodate projected housing growth without increasing transportation sector emissions	Funding: \$\$	Staffing: @@	   (rating represents combined impact of all Mobility actions)
M5A	Update Bicycle and Pedestrian Transportation Plan	Funding: \$ (grant funded)	Staffing: @	   (rating represents combined impact of all Mobility actions)
M5C	Establish a Vision Zero data collection and analysis program based on M4	Funding: \$\$	Staffing: @@@	   (rating represents combined impact of all Mobility actions)
<i>Sustainability</i>				
S1	Complete the Sea Level Rise Vulnerability Assessment	Funding: \$\$	Staffing: @@	n/a
S2	Complete the Sea Level Rise Adaptation Plan	Funding: \$\$	Staffing: @@	n/a
S4	Implement Foothills Fire Management Plan	Funding: \$	Staffing: @	

Work Item / Key Action		Funding \$ = lowest cost \$\$\$\$ = highest cost	Staffing @ = Existing staffing @@@ = need many addtl contract/perm/temp staff	Carbon Impact  (low CO ₂ impact)    (high impact)
W5	Develop a "One Water" Portfolio for Palo Alto ¹	Funding: \$\$	Staffing: @	n/a
N1 N10	Develop programs to plant trees to increase Palo Alto's tree canopy and establish a baseline and Key Performance Indicator for carbon storage of tree canopy	Funding: \$\$	Staffing: @	n/a
ZW2	Eliminate single-use disposable cups and containers by expanding the Disposable Foodware Ordinance	Funding: \$	Staffing: @	
ZW3	Require edible food recovery for human consumption from commercial food generators	Funding: \$	Staffing: @	
ZW4	Create a new campaign to promote residential food waste reduction	Funding: \$	Staffing: @	n/a
ZW5	Provide waste prevention technical assistance to the commercial sector	Funding: \$	Staffing: @	
ZW7	Evaluate a best practice standard for low carbon construction materials, beginning with concrete (including review of the Marin County Low Carbon Concrete Ordinance)	Funding: \$	Staffing: @	n/a
W6 N5	By 2023, establish a baseline and Key Performance Indicator for treatment of impacts from impervious surfaces to support the Green Stormwater Infrastructure Plan	Funding: \$	Staffing: @	n/a

¹ A "One Water" approach envisions managing all water in an integrated, inclusive, and sustainable manner that is more resilient to the impacts of climate change. The One Water approach recognizes that water must be managed in ways that respect and respond to the natural flows of watersheds and the natural ecosystem, geology, and hydrology of an area. projects and programs focus on achieving multiple benefits—economic, environmental, and social.