

Key Actions of the 2018 – 2020 Sustainability Implementation Plan



ENERGY

- EGY1** - Continue to purchase carbon offsets to match natural gas emissions as a transitional measure. Evaluate potential local offset purchases.
- EGY2** - Achieve cumulative energy efficiency savings of 2-5 percent by 2020 through voluntary and mandatory energy efficiency measures in buildings.
- EGY3** - Encourage voluntary electrification (and mandates as appropriate) of natural gas appliances through actions such as pilot programs, process streamlining, evaluating barriers (rates/fees, financing), and contractor/supplier engagement.
- EGY4** - Develop mandates that will result in even greater efficiency savings and decarbonization from 2020 to 2030. Potential evaluations include higher efficiency standards for new and existing buildings.
- EGY5** - Develop programs that will result in even greater efficiency savings and decarbonization from 2020 to 2030.
- EGY6** - Complete construction of a replacement facility for sludge incinerators, the City facility with the largest energy use.



MOBILITY

- MOB1** - Implement solutions and incentives to reduce SOV travel.
- MOB2** - Advocate for regional transportation solutions that reduce emissions and congestion.
- MOB3** - Fund the TMA with the goal of reducing SOV commute-trips downtown by 30 percent.
- MOB4** - Increase bicycle boulevard mileage and redesign streets to support active and non-SOV modes of travel.
- MOB5** - Provide incentives for the appropriate mode of travel.
- MOB6** - Explore housing strategies (such as transit oriented development, trip caps, parking maximums and unbundling parking) that reduce auto trips.



ELECTRIC VEHICLES

- EV1** - Publicize streamlined permitting and CPAU-funded transformer upgrades.
- EV2** - Consider requiring EV Readiness and charger installation in existing buildings.
- EV3** - Evaluate programs to expand EV charger deployment on private property, including rebates and financing options (e.g. on-bill financing, etc.).
- EV4** - Develop a plan for expanding EV charging infrastructure in the public right-of-way and on publicly-owned property.
- EV5** - Expand EV deployment in City fleet.
- EV6** - Support regional EV group-buy programs.
- EV7** - Build public awareness of EV options through communications, workshops, and Ride-and-Drive events.



WATER

- WAT1** - Develop programs and ordinances to maximize water efficiency.
- WAT2** - Develop programs and ordinances to facilitate the use of nontraditional, non-potable water sources (e.g. graywater, stormwater, black water, etc.).
- WAT3** - Develop Northwest County Recycled Water Strategic Plan and explore the most effective uses of recycled water within the RWQCP service area (including Palo Alto).
- WAT4** - Develop a City-wide Green Stormwater Infrastructure Plan to treat flows before discharging into creeks and waterbodies, and (when possible) capture and infiltrate stormwater back into the hydrologic cycle.
- WAT5** - Reduce salinity of Palo Alto's recycled water to increase use.