

## Status of Environmental Sustainability Action Plan (ESAP) Actions

### Fiscal Year 2008-09

No.	Action	Status / Comments
1	Adopt Carbon Dioxide Equivalent (CO <sub>2</sub> e) Goals	<b>COMPLETE.</b> Community-wide goals were adopted by the Council in November 2009 and government operations goals were adopted in March 2010.
2	Redesign Water Billing Format	<b>COMPLETE.</b> Completed in May 2011.
3	Recruit and Train Water Conservation Advocates	<b>COMPLETE and ongoing.</b> A full-time Water Conservation Coordinator was hired in December 2009. Additionally, two hourly employees conduct water conservation outreach activities.
4	Participate in the Single-Use Bag Ordinance	<b>COMPLETE.</b> The Ordinance became effective April 22, 2013.
5	Install Labeling on Trash Containers in Public Areas	<b>COMPLETE.</b> Completed in summer 2010.
6	Establish LEED Silver as the Standard for New City Facilities	<b>COMPLETE.</b> Adopted by the Council on March 24, 2009.
7	Support a Community-Led Green Citizens Action Team	<b>COMPLETE.</b> The City supported Green Mountain View through Fall 2012.
8	Sponsor Sustainability Tabling and Outreach at Local Events	<b>COMPLETE and ongoing.</b> As time allows, staff participates in annual events such as Arbor Day, Thursday Night Live, and the Art and Wine Festival.
9	Work with Valley Transportation Authority (VTA) to Redesign Community Bus Route 34	<b>COMPLETE.</b> Route changes became effective July 2010. Route 34 now includes service to the Senior Center, but service along Middlefield Road between San Antonio Road and Rengstorff Avenue was eliminated.
10	Incorporate Climate Change Elements into the General Plan Update	<b>COMPLETE.</b> A Greenhouse Gas Reduction Program (GGRP) was completed in August 2012 to address long-range greenhouse gas, climate change and adaptation strategies for the 2030 General Plan Update.

### Fiscal Year 2009-10

No.	Action	Status / Comments
1	Continue the Environmental Sustainability Coordinator Position for One Year	<b>COMPLETE.</b>
2	Secure Technical Assistance to Establish an AB 811 Benefit Assessment District	<b>COMPLETE.</b> The Council approved City participation in CaliforniaFIRST and HERO, two State-wide AB 811 Property Assessed Clean Energy (PACE) programs, in January 2010 and September 2015 respectively.

No.	Action	Status / Comments
3	Evaluate Feasibility of Implementing a Municipal Renewable Energy Facility (AB 2466)	<b>ON HOLD.</b> The rate tariff approved by the California Public Utilities Commission only allows credit for the electricity “generation” component of any energy produced, which significantly limits the financial viability of constructing a renewable energy project under the auspices of AB 2466 (energy generation at one location can be used to offset energy costs at another location). As the City considers additional renewable energy projects in the future, the costs and benefits of completing an AB 2466 project will be weighed against other project options.
4	Create a Zero-Waste Plan (including waste characterization study and food waste composting program expansion)	<b>UNDER WAY.</b> The waste characterization study was completed in December 2010. The commercial food waste composting program expansion was implemented beginning in 2013. Preparation of the Zero-Waste Plan is currently under way, but is not scheduled for completion until the residential composting program is implemented.
5	Fully Implement Bicycle Boulevards	<b>COMPLETE.</b> An east-west boulevard from San Antonio Road to Whisman Road is in place. Transportation Development Act (TDA) grant funds were used to construct a second bike boulevard from Dale/Heatherstone to the Transit Center. Construction was completed in summer 2011. Additional routes and funding to be determined.
6	Participate in a Regional Effort to Study Feasibility of Automated Bicycle Rentals	<b>COMPLETE and on-going.</b> Mountain View, Palo Alto, Redwood City, and San Jose participated in a VTA pilot bike-share program. Mountain View’s program is funded at least through November 2016.
7	Prepare, Adopt and Implement a Pedestrian Master Plan	<b>COMPLETE.</b> The Pedestrian Master Plan was adopted by the City Council in January 2013 and updated in January 2014. Implementation of various measures is under way.
8	Increase Free Arbor Day Trees	<b>COMPLETE.</b> Additional funding (\$10,000) was included in the Fiscal Year 2009-10 Forestry Maintenance and Street Tree Planting Capital Improvement Project (CIP) to pay for an additional 200 trees. The CIP has been completed and closed.
9	Create Environmental Displays at the Library	<b>COMPLETE.</b> The Library's lobby display case featured an environmental theme from mid-August 2009 to mid-October 2009. Display materials can be reused for other displays in the future.
100	Implement State-Mandated Landscape Water Conservation Ordinance	<b>COMPLETE.</b> Water conservation in landscaping regulations and related Zoning Ordinance changes were adopted by the City Council on June 1, 2010.
11	Retrofit City Facilities with Green Technologies/Green the Library	<b>COMPLETE.</b> Project 10-34, Greening the Library, was established to implement water and energy conservation improvements at the Library. Energy and water audits to identify appropriate improvements were completed. A separate water meter was installed so indoor and outdoor/landscaping water use could be tracked separately. Window shades and tinting were installed in Fall 2015. A drought-tolerant demonstration garden was completed in Spring 2016.
12	Enhance Expertise of Community Development Department and Public Works Department Staff Members in Green Building Practices	<b>COMPLETE.</b> Training was held in October 2011.
13	Establish Green Building Standards for Private Buildings	<b>COMPLETE.</b> The Mountain View Green Building Code became effective in August 2011.

**Fiscal Year 2010-11**

No.	Action	Status / Comments
1	Participate in Regional Efforts to Ban Polystyrene Take-Out Food Containers.	<b>COMPLETE.</b> The ordinance banning these containers became effective on July 1, 2014.
2	Retrofit City Facilities with Green Technologies— Building (TBD)	<p><b>COMPLETE and on-going.</b> Rather than focusing on retrofitting a particular building, staff focused on taking advantage of Federal grant and other funding to pay for greening efforts throughout the City, including:</p> <ul style="list-style-type: none"> <li>• CDBG funds paid for new interior and exterior lighting at the Senior Center and Community Center.</li> <li>• Downtown Revitalization bond proceeds were used to supplement energy conservation CIP funding to retrofit post-top lights in the downtown area with new energy-efficient induction lights.</li> <li>• The City has upgraded 96% of its approximately 4,000 streetlights to more energy-efficient induction or LED lighting.</li> <li>• The City replaced lighting fixtures in the Civic Center garage with more energy-efficient, bi-level fixtures.</li> </ul>

## Status of Environmental Sustainability Action Plan 2 (ESAP-2) Actions

### Fiscal Year 2011-12

No.	Action	Status / Comments
1	Complete installation of solar systems at Golf Pro Shop and Shoreline Maintenance Facility via Power Purchase Agreement (PPA).	<b>COMPLETE.</b> Completed in May 2016, but using a direct purchase model.
2	Consider participation in regional Renewable Energy Procurement (REP) project for installation of additional renewable energy systems on City facilities	<b>COMPLETE.</b>
3	Complete “Greening the Library” capital project	<b>COMPLETE.</b> Completed in Spring 2016.
4	Continue implementation of Energy Upgrade Mountain View (EUMV)	<b>COMPLETE.</b> EUMV was funded through June 30, 2014.
5	Present Greenhouse Gas Reduction Program (GGRP) to Council for adoption as part of General Plan update	<b>COMPLETE.</b>
6	Complete 2010 government operations greenhouse gas (GHG) inventory and measure it against 2010 reduction target	<b>COMPLETE.</b> Completed in August 2012 and updated in March 2014.
7	Evaluate and propose green building incentives to be included in Precise Plans, General Plan and/or zoning amendments	<b>COMPLETE and on-going.</b> Incentives have been included in the North Bayshore Precise Plan, San Antonio Precise Plan, and El Camino Real Precise Plan. Work is commencing on the East Whisman Precise Plan.
8	Participate in regional sustainable planning efforts (e.g., Plan Bay Area, Grand Boulevard Initiative, Bus Rapid Transit, etc.)	<b>COMPLETE and on-going.</b>
9	Update City sustainability web site	<b>COMPLETE.</b> A refresh is planned for Summer 2016.
10	Explore making rubberized asphalt the City standard for street resurfacing projects	<b>COMPLETE.</b>
11	Report on Integrated Pest Management (IPM) techniques currently in use	<b>COMPLETE.</b> Staff presented to the Council Environmental Sustainability Committee in October 2012.
12	Upgrade electric vehicle chargers in Civic Center garage	<b>COMPLETE.</b> The chargers were upgraded through a grant. The City will be installing more modern chargers to enable more vehicles to charge by Fall 2016.
13	Participate in a regional automated bicycle rental program	<b>COMPLETE and on-going.</b> Mountain View, Palo Alto, Redwood City, and San Jose participated in a VTA pilot bike-share program. Mountain View’s program is funded at least through November 2016.

No.	Action	Status / Comments
14	Explore feasibility of a community shuttle service	<b>COMPLETE.</b> A Mountain View Community Shuttle began service in January 2015 and is a Google-funded pilot program to connect residential neighborhoods to shopping destinations, downtown Mountain View, entertainment attractions, City facilities, medical complexes, and recreation areas. Each of the 4 electric shuttles are equipped with seating for 16 passengers, a wheelchair lift, space for two wheelchairs, WiFi connectivity and bicycle racks on the outside of the vehicle.
15	Present Pedestrian Master Plan to Council for adoption	<b>COMPLETE.</b> The Pedestrian Master Plan was adopted by the City Council in January 2013 and updated in January 2014.
16	Present Zero Waste Plan (ZWP) to Council for adoption	<b>ON HOLD.</b> The ZWP is on hold until the residential composting program is implemented.
17	Prepare work plan for bans on single-use bags and expanded polystyrene (EPS) food containers for Council approval	<b>COMPLETE.</b> The Reusable bag ordinance became effective April 22, 2013, and the EPS ordinance became effective July 1, 2014.
18	Report on current training of Shoreline Park staff and contractors in wildlife preservation	<b>COMPLETE.</b> Staff presented to the Council Environmental Sustainability Committee in October 2012.

### **Fiscal Year 2012-13**

No.	Action	Status / Comments
1	Present staff recommendation regarding participation in regional Renewable Energy Procurement (REP) project for installation of additional renewable energy systems on City facilities	<b>COMPLETE.</b>
2	Investigate feasibility of installing solar hot water on City buildings	<b>COMPLETE.</b> The City has conducted energy audits of its major facilities, and is investigating implementing some solar hot water systems in FY 2017-18.
3	Identify and implement additional green building technologies in City facilities (using 2010 government operations GHG inventory data analysis)	<b>COMPLETE and on-going.</b> The City has conducted energy audits of its major facilities, and is investigating implementing numerous efficiency upgrades in FY 2017-18.
4	Investigate feasibility of conducting a green roofs pilot program	<b>UNDER WAY.</b> City staff will complete a green roof guide by Fall 2016.
5	Continue implementation of Energy Upgrade Mountain View (EUMV)	<b>COMPLETE.</b> EUMV was funded through June 30, 2014.
6	Investigate incorporating sustainability components into recreation programs at elementary and middle schools	<b>COMPLETE.</b>

No.	Action	Status / Comments
7	Develop a budget proposal for a sustainability outreach and engagement campaign with residents and businesses	<b>COMPLETE.</b>
8	Participate in a regional automated bicycle rental program	<b>COMPLETE and on-going.</b> Mountain View, Palo Alto, Redwood City, and San Jose participated in a VTA pilot bike-share program. Mountain View's program is funded at least through November 2016.
9	Investigate establishing a fee for use of electric vehicle charging stations at City facilities	<b>COMPLETE.</b> The City Council approved a fee for public charging stations in July 2015.
10	Evaluate further refinements to water bill design	<b>COMPLETE.</b>
11	Conduct a permeable surface pilot program at McKelvey Park	<b>COMPLETE.</b>

### **Fiscal Year 2013-14**

No.	Action	Status / Comments
1	Identify and implement additional green building technologies in City facilities (using 2010 government operations GHG inventory data analysis)	<b>COMPLETE and on-going.</b> The City has conducted energy audits of its major facilities, and is investigating implementing numerous efficiency upgrades in FY 2017-18.
2	Investigate a potential energy/GHG tracking system for City facilities and the community	<b>ON HOLD.</b> This project is on hold pending changes to the City's building management system.
3	Complete 2012 community-wide GHG inventory and measure it against 2012 reduction target	<b>COMPLETE.</b> The 2012 inventory was completed in April 2015.