

**TO:** Megan Campbell and Zachary Reda, City of Pleasanton  
**FROM:** Andrea Martin and Tristan Smit, Cascadia Consulting Group  
**SUBJECT:** Progress Summary for the Pleasanton 2012-2020 Climate Action Plan  
**DATE:** June 2020

---

## INTRODUCTION

Cascadia Consulting Group reviewed the City of Pleasanton’s 2012-2020 Climate Action Plan (CAP) and CAP monitoring documentation to summarize the City’s progress in implementing CAP measures. This memo presents a series of tables that summarize progress by focus area, including:

- ▶ Overall action progress (percent of actions completed; see Table 1 below)
- ▶ Overarching focus area goals
- ▶ Key achievements
- ▶ List of actions in progress or completed
- ▶ List of actions that were not initiated and the corresponding rationale

Table 1. Description of focus area status rankings.

Excellent	76-100% of actions are complete or in progress
Good	51-75% of actions are complete or in progress
Moderate	26-50% of actions are complete or in progress
Needs Improvement	0-25% of actions are complete or in progress

Focus areas for the 2012-2020 CAP are as follows and described below:

- ▶ Water & Wastewater
- ▶ Solid Waste
- ▶ Land Use
- ▶ Transportation
- ▶ Energy
- ▶ Community Engagement

## Water & Wastewater

Water & Wastewater		
Focus area status: EXCELLENT		
65% of actions are <b>COMPLETE</b>	14% of actions are <b>IN PROGRESS</b>	21% of actions are <b>NOT YET STARTED</b>
<p><b>Goals:</b></p> <ul style="list-style-type: none"> <li>▶ Conserve community and municipal water through building and landscape design and improvements.</li> <li>▶ Increase or establish use of reclaimed/grey water systems.</li> </ul>		
<p><b>Key Achievements:</b></p> <ul style="list-style-type: none"> <li>▶ City is following State requirements and hired an <b>Environmental Services Manager</b> who handles current and new conservation activities and policies. (WA1-1)</li> <li>▶ Development and implementation of the <b>Water Conservation Program</b> to improve landscaping and irrigation practices through rebates and retrofits. The program also supports the improvement of outdoor water efficiency through educational services and efficiency outreach/education. (WA1-2, 1-3)</li> <li>▶ Expanded installation of <b>smart water meters</b>, with over 20,000 new Ami meters installed and 500 existing meters retrofitted. (WA1-5)</li> <li>▶ The City's <b>Water Efficient Programs</b> provide incentives for replacing lawn areas at business parks and to promote more trees and xeriscaping. (WA1-8)</li> <li>▶ <b>"Smart" irrigation systems</b> installed throughout 80 acres of City-owned land.(WA2-1)</li> <li>▶ <b>Water conservation devices</b> required and installed for all new constructions and additions to public facilities.(WA2-2)</li> <li>▶ <b>Passive Incentives</b> (e.g., lower rates, no drought restrictions) exist for customers to convert to recycled water. The City supplemented that with an ordinance requiring targeted customers to connect to recycled water with enforceable penalties for noncompliance. (WA3-3)</li> </ul>		
<p><b>Actions Still in Progress:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Implement a landscape ordinance for requirements on landscape water budgets and irrigation technology (WA1-4):</u> Implemented on an on-going basis by the Landscape Architecture Division.</li> <li>▶ <u>Restrict the use of utility-provided water for cleaning vehicles and outdoor surfaces (WA1-6):</u> Municipal Code 9.30 reflects water use under various supply conditions.</li> <li>▶ <u>Restrict landscape watering; encourage xeriscaping and drought-resistant planting in lieu of lawns (WA1-7):</u> Implemented on an on-going basis and is on current CAP checklist for private development projects.</li> <li>▶ <u>Recycled Water Program (WA3-2):</u> Has been developed and is actively connecting customers to the reclaimed wastewater systems.</li> </ul>		<p><b>Actions Not Yet Started:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Investigate feasibility of stormwater runoff (WA3-1):</u> Not yet implemented by Water Conservation Coordinator.</li> <li>▶ <u>Rainwater harvesting (WA3-4):</u> A study on the potential impacts/benefits determined this program would not result in significant water savings.</li> </ul>

## Solid Waste

Solid Waste		
Focus area status: GOOD		
50% of actions are <b>COMPLETE</b>	15% of actions are <b>IN PROGRESS</b>	35% of actions are <b>NOT YET STARTED</b>
<p><b>Goals:</b></p> <ul style="list-style-type: none"> <li>▶ Increase recycling, organics diversion, and waste reduction associated with municipal operations and for the entire community.</li> </ul>		
<p><b>Key Achievements:</b></p> <ul style="list-style-type: none"> <li>▶ Launched <b>municipal compost and recycling</b> collection sites per County guidelines. (SW1-4)</li> <li>▶ Expanded <b>residential curbside recycling</b> to collect and process more materials, including more types of plastics. (SW2-3)</li> <li>▶ Expanded <b>residential yard and food waste</b> collection program to multifamily residences. (SW2-5)</li> <li>▶ Expanded <b>commercial curbside recycling</b> to include organics. (SW2-9)</li> <li>▶ Approved a requirement for all new and remodeled commercial and multi-family buildings to contain adequate space and logistics for <b>trash, recyclables, and compostable waste</b>. (SW2-12)</li> <li>▶ Updated municipal building codes to enforce the <b>Construction and Demolition Debris Recycling Ordinance</b>. (SW2-6)</li> <li>▶ Implementation of a <b>Battery Recycling Program</b> provided by PGS during regular trash pickup service. (SW-2-13)</li> <li>▶ Adopted a <b>Mandatory Recycling and Composting Ordinance</b> that applies to both City and private sectors and updated infrastructure to increase the number of materials suitable for recycling and composting. (SW2-14)</li> <li>▶ Ongoing <b>outreach and education around reducing waste generation</b> and increasing waste diversion. (SW2-7, 2-8, 2-16)</li> </ul>		
<p><b>Actions Still in Progress:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Adopt a City goal of zero waste (i.e., 90% waste diversion) (SW1-1):</u> Ordinance adopted to require 90% waste diversion of concrete and asphalt related to construction and demolition. More dedicated staff time and funding is needed to complete action.</li> <li>▶ <u>Expand residential yard and food waste collection program to multifamily residences (SW2-5):</u> Service available to MFD, however, further expansion is still needed.</li> </ul>	<p><b>Actions Not Yet Started:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Hire consultants to write a Zero Waste Implementation and Strategy Plan (SW1-2):</u> Consolidated into the Community Zero Waste Plan. Staff time and funding still need to be identified and assigned.</li> <li>▶ <u>Adopt an Environmentally Preferable Purchasing Policy (SW1-3):</u> No policy has been adopted.</li> <li>▶ <u>Adopt a City resolution to achieve zero waste (defined as 90% diversion) citywide by 2025 (SW2-1):</u> No resolution adopted.</li> <li>▶ <u>Develop community zero waste plan (SW2-2):</u> No plan developed.</li> <li>▶ <u>Utilize Stopwaste.org to promote sustainable consumption outreach and education to businesses (SW2-10):</u> Not implemented.</li> <li>▶ <u>Establish municipal ordinance requiring large and special events producers to create a plan for waste diversion (SW2-11):</u> Additional staff time and funding is needed to draft and pass ordinance.</li> <li>▶ <u>Support state policies and implement local policy for extended producer responsibility (SW2-15):</u> Additional staff and funding needed to support and implement regional and statewide requirements.</li> </ul>	

## Land Use

Land Use		
Focus area status: MODERATE		
13% of actions are <b>COMPLETE</b>	21% of actions are <b>IN PROGRESS</b>	66% of actions are <b>NOT YET STARTED</b>
<b>Goals:</b> <ul style="list-style-type: none"> <li>▶ Support infill and high-density development.</li> <li>▶ Support mixed-use infill and new development near local-serving commercial areas.</li> <li>▶ Improve transportation efficiency through design improvements.</li> </ul>		
<b>Key Achievements:</b> <ul style="list-style-type: none"> <li>▶ Key development sites near the east BART station have been rezoned for <b>high-density residential/mixed use</b>. (LU2-5)</li> <li>▶ Created new standards and modified the municipal development codes to require that all new projects include <b>pedestrian and bicycle access</b> unless prohibited by the landscape. (LU3-6)</li> <li>▶ Implemented numerous <b>traffic calming programs</b> in various neighborhoods to slow traffic speeds, reduce traffic-related noise, and increase safety for pedestrians, bicyclists, and vehicles. (LU3-7)</li> </ul>		
<b>Actions Still in Progress:</b> <ul style="list-style-type: none"> <li>▶ <u>Modify municipal development codes to incentivize transit-oriented development near BART stations, along transportation corridors, in business parks, and the Downtown (LU1-4):</u> A code amendment specific to this has not been done, but various sites near the east BART station have been rezoned for high-density residential/mixed use. Downtown zoning now includes medium and high-density housing and allows for mixed use development. The Hacienda design guidelines and PUD updates have been completed, which provide more flexibility in land use regulations for the business parks.</li> <li>▶ <u>Implement neighborhood traffic calming projects (LU3-7):</u> The Traffic Engineering Division completes new traffic calming programs in various neighborhoods on a regular basis.</li> <li>▶ <u>Development and mixed land-use codes (LU1-2, 1-3, 2-7, 2-9):</u> Formal codes have not been established, but key development sites throughout Pleasanton have been rezoned for high-density residential/mixed use, some initial incentives for high-density and infill have been created.</li> </ul>	<b>Actions Not Yet Started:</b> <p><u>Create programs and modify development and land-use codes to:</u></p> <ul style="list-style-type: none"> <li>▶ Incentivize the reuse of both residential and non-residential vacant and underutilized parcels (LU1-1).</li> <li>▶ Incentivize residential infill (LU1-2).</li> <li>▶ Incentivize higher density development near transportation hubs and employment centers (LU1-5).</li> <li>▶ Increase densities at vacant infill sites to facilitate affordable housing development (LU1-7).</li> <li>▶ Develop mixed use and/or locate work, residences, and services within walking distance of each other (LU2-1, LU2-3, 3-1).</li> <li>▶ Provide land use flexibility for Hacienda Business Park (LU2-5).</li> <li>▶ Create incentive program(s) that attract and support local-serving shopping opportunities and a mixture of land uses around BART stations (LU2-6, 2-8).</li> <li>▶ Promote the use of LEED Neighborhood Development incentives for developers (LU2-10).</li> <li>▶ Require new projects to include “NextBus” technologies (LU3-4).</li> <li>▶ Require Complete Streets for private development (LU3-5)</li> </ul> <p>Code amendments or incentives specific to list above have not been established, however, these measures have been added to the checklist for the updated CAP and the City is exploring opportunities to expand and/or establish the above codes and programs when updating other City plans.</p>	

## Transportation

Transportation		
Focus area status: <b>GOOD</b>		
23% of actions are <b>COMPLETE</b>	40% of actions are <b>IN PROGRESS</b>	37% of actions are <b>NOT YET STARTED</b>
<p><b>Goals:</b></p> <ul style="list-style-type: none"> <li>▶ Improve and increase transit ridership with incentives, partnerships, and related investments.</li> <li>▶ Enhance and maintain a safe, convenient, and effective system for pedestrians and bicyclists.</li> <li>▶ Use parking programs, policies, and/or pricing to discourage single-occupancy vehicle (SOV) travel.</li> <li>▶ Promote alternatives to work and school commutes.</li> <li>▶ Improve and implement traffic smoothing techniques to reduce congestion.</li> <li>▶ Develop a supportive community infrastructure for more fuel efficient and alternative fuel vehicles.</li> <li>▶ Create a planned initiative to upgrade the City fleet to hybrid, electric, and/or alternative fuel vehicles.</li> </ul>		
<p><b>Key Achievements:</b></p> <ul style="list-style-type: none"> <li>▶ The City has been designated as a <b>Bicycle Friendly Community</b> by the League of American Bicyclists.</li> <li>▶ Supported the implementation of the <b>LAVTA Rapid bus</b> that increased transit ridership and reduced travel time to and from Bart Station. (TR1-4)</li> <li>▶ <b>Upgraded Central Master to allow for bus priority</b>, upgraded traffic signals along corridor for bus priority, and installed bus queue jump signals.</li> <li>▶ Modified the municipal code (Chapter 17.26) to require new residential developments within 1/2 mile of transit to offer <b>discounted transit passes</b> as part of HOA amenities. (TR1-6)</li> <li>▶ Increased <b>outreach and education on alternative transportation</b> options on City and venue websites for planned events, concerts, festivals, and conventions. (TR1-10)</li> <li>▶ Created the <b>Trails Master Plan</b> that creates a connected trail system (NM1-13).</li> <li>▶ Installed a <b>bicycle/pedestrian underpass</b> at the Johnson Drive Canal for a connection to Dublin.</li> <li>▶ Implemented numerous <b>traffic calming programs</b> in various neighborhoods to slow traffic speeds, reduce traffic-related noise, and increase safety for pedestrians, bicyclists, and vehicles.</li> <li>▶ Worked with the East Bay Regional Park District to complete the <b>Iron Horse Trail</b> through Hacienda Business Park and constructed three pedestrian/bicycle traffic signals on the trail.</li> <li>▶ Implemented a <b>Walk and Roll</b> program and promoted installation of locking skateboard racks to promote and celebrate active transportation modes as a method for getting to school (NM1-16).</li> </ul>		
<p><b>Actions Still in Progress:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Support LAVTA's Rapid Bus Program through frequent ridership and promotion on the City's websites (TR1-2):</u> Ongoing promotion.</li> <li>▶ <u>Promote a more direct and convenient connection between BART and ACE rail service (TR1-3):</u> Ongoing, but the City constructed a bus loop at ACE station to promote a more direct and convenient connection between BART and ACE rail service.</li> <li>▶ <u>Identify underused parking lots and other available paved areas that could increase park-and-ride accessibility near BART stations (TR1-7):</u> The City aided an Alameda CTC study, but no formal study has completed by the City.</li> <li>▶ <u>Implement the Community Trails Master Plan through incentive program(s) (NM1-1):</u> A Capital Improvement Program was created for Pedestrian and Bicycle improvements than can include trail improvements.</li> </ul>		

## Transportation

### Actions Still in Progress (continued):

- ▶ Updated the Pleasanton Pedestrian and Bicycle Master Plan (NM1-2): Plan increases safety and accessibility but incentive program(s) and modifications to development codes are still needed.
- ▶ Adopted the Downtown Parking Strategy and Implementation (NM1-3): The top strategy includes finalizing the design of the Transportation Corridor and constructing these improvements.
- ▶ Incorporate bicycle detection at signalized intersections (NM1-7): Bike-capable detection cameras are being installed based on funding. The City added bike lane detection to all traffic signals with bike lanes and upgraded cameras to differentiate between bikes and vehicles. The City is currently adding increased green extension for bikes.
- ▶ Encourage businesses, office parks, and schools to provide safe, convenient bike racks and work (NM1-8): Ongoing efforts with school districts to continue Rides to School program. Bike parking required for all development at Hacienda, however funding is a major issue for schools.
- ▶ Cooperate and collaborate with East Bay Regional Parks District to complete the regional trail system, and with Zone 7 in completing its Arroyo Management Plan (NM1-14): Ongoing, but the City worked with Zone 7 and EBRPD to create access agreement to the trail system. The trail surface was upgraded at several locations.
- ▶ Preserve rights-of-way needed for local and regional roadway “complete streets” improvements and increased connectivity through dedication of land, as adjacent properties develop (NM1-18): Adopted a Complete Streets Program and obtained right-of-way near Stoneridge Mall.
- ▶ Modify the Complete Streets Program to ensure safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities (NM1-19): The City adopted a Complete Streets Program but there have been no modifications to the development codes.
- ▶ Provide incentives for attracting private self-service bicycle renting businesses, including the installation of bike rental vendors at BART and ACE stations (NM1-20): No incentives created for bicycle renting, but a draft ordinance and pilot program for e-scooters has been created.
- ▶ Incentives and code amendments to parking policy and pricing to discourage SOV travel (TDM1-1): The Downtown Parking Strategy and Implementation Plan was adopted but need to formalize incentives and amendments.
- ▶ City's Commendable Commutes Program (TDM2-2): Ongoing efforts to work with employers to provide commute incentive programs. City employees are provided incentives to use commute alternatives or alternative work schedules.
- ▶ Strengthen community-based carpool and ride-share programs (TDM2-8): The City partnered with Scoop Technologies to provide carpool incentives to residents and employees; future opportunities to provide carpool incentives will be considered. Modify municipal codes to require dedicated parking spaces in new and modified developments or carpool, vanpool, alternative-fuel, and car-share vehicles (TDM2-10): This measure was discussed for implementation and is now on the current CAP checklist for private development projects.

## Transportation

### Actions Not Yet Started:

- ▶ Create carpool programs to/from transit station parking and incentivize bike rental vendors at transit station (TR1-1): No carpool program or bike rental incentives created.
- ▶ Provide transit service within ½ mile of all residents in the city where and when the gross density surrounding or adjacent to feasible transit routes meets or exceeds 10-12 units/acre (TR1-5).
- ▶ Create incentives to develop park and ride lots found in study to identify underused parking lots (TR1-8): No incentives created. Grant funding secured through Alameda CTC, but project is delayed.
- ▶ Introduce a bus idling policy and/or ordinance to limit commercial and public diesel idling, where feasible (TR1-9): A policy or amendment has not been completed, but has been added to the checklist for the updated CAP.
- ▶ Develop and implement a transit system masterplan (TR1-11): The master plan has not been implemented at this time.
- ▶ Require appropriate bicycle-related improvements with new development (NM1-4): No requirements developed. This item is on the CAP checklist provided to project proponents of new development applications.
- ▶ Modify municipal development codes to require bike parking for non-residential and multifamily uses (NM1-5): No modifications have been made but is on the CAP checklist.
- ▶ Maintain bicycle routes with adequate sweeping and pavement repairs (NM1-6): No programs for bike lane sweeping or repair have been implemented.
- ▶ Place more bike racks throughout the city through the creation of incentive program(s), inclusion in the City's CIP, and/or modification of municipal development codes. (NM1-11): No incentives or modifications have been made.
- ▶ Provide secure, covered bicycle parking at major transit hubs including BART stations through the creation of incentive program(s), inclusion in the City's CIP, and/or modification of municipal development codes (NM1-12): No incentives or CIP but four secured bike lockers have been installed at 200 Old Bernal.
- ▶ As part of the Pleasanton Pedestrian and Bicycle Master Plan, provide educational opportunities for residents about bike/pedestrian safety. (NM1-15): No education opportunities have been provided through the plan.
- ▶ Preserve rights-of-way needed for local and regional roadway "complete streets" improvements and increased connectivity through dedication of land, as adjacent properties develop (NM1-18): The City has obtained right-of-way around Stoneridge Mall for a complete streets project, but it's not yet in progress.
- ▶ Develop and adopt revisions and/or additions to the municipal street standards and/or development codes where feasible to improve access, convenience, and safety for transit, pedestrians, and bicycle users (NM1-19): Codes and incentives have not been completed but is on current CAP checklist.
- ▶ Convert the City's fleet (trucks or generators) to biodiesel (VE2-2): Following evaluation of the City's fleet, it was determined that the fleet was not compatible because biofuel has unique properties that are incompatible to Pleasanton's fleet.
- ▶ Amendments to municipal code, partnerships, and infrastructure (VE1-1, 1-2, 1-3, 1-4, 1-5): Measures to address these have non-measurable reductions in emissions but support other transportation and land use efforts; measures still need to be implemented related to increasing alternative and/or fuel-efficient vehicles.



## Energy

Energy		
Focus area status: GOOD		
16% of actions are <b>COMPLETE</b>	44% of actions are <b>IN PROGRESS</b>	40% of actions are <b>NOT YET STARTED</b>
<p><b>Goals:</b></p> <ul style="list-style-type: none"> <li>▶ Use city codes, ordinances &amp; permitting to enhance green building, energy efficiency, and energy conservation.</li> <li>▶ Leverage state and local programs to increase energy efficiency and conservation.</li> <li>▶ Establish &amp; promote financing &amp; financial incentive programs to support energy efficiency and conservation.</li> <li>▶ Develop programs to increase energy efficiency and conservation.</li> <li>▶ Implement local ordinances and permitting processes to support renewable energy.</li> <li>▶ Promote use of renewable energy for municipal operations.</li> </ul>		
<p><b>Key Achievements:</b></p> <ul style="list-style-type: none"> <li>▶ The City hired an <b>Environmental Services Manager</b> to oversee implementation of energy, water, and sustainability measures. (EC2-1)</li> <li>▶ Actively funded and participated in the <b>StopWaste Green Packages Program</b>, which included consumer education, workforce development, schools-based programs, and standards development for energy efficiency and green building. (EC2-3)</li> <li>▶ Established a <b>Committee on Energy and the Environment</b> (EEC) to track and evaluate trends in energy demand, energy efficiency, and sustainability, and to make appropriate recommendations to City staff and City Council. (EC4-1)</li> <li>▶ An <b>LED Streetlight Retrofit Project</b> was completed in 2013 and <b>5,400 sodium vapor streetlights</b> were converted to LED. (EG1-3)</li> <li>▶ Expedited <b>"green" permits</b> and included outreach materials in all permit applications. "Green" permits include solar and renewable energy permits, and new construction/renovations according to "green building" guidelines. (ER1-2)</li> <li>▶ The City has installed <b>solar panels</b> at the following locations: Operations Service Center, Police Department, Fire Station 4, and the Firehouse Arts Center.</li> <li>▶ The City joined the <b>East Bay Community Energy</b> (EBCE) community choice aggregation program to increase the proportion of clean, renewable resources in the electricity mix: The EBCE program will be available to ratepayers in 2021. (ER3-3)</li> </ul>		
<p><b>Actions Still in Progress :</b></p> <ul style="list-style-type: none"> <li>▶ <u>Continue to implement and improve the City's existing Green Building Ordinance (GBO) for commercial and residential buildings (EC1-1):</u> CALGreen and GBO are implemented on an on-going basis. New requirements for shade trees, cool roofs, and landscape lighting are being addressed through updates of CALGreen.</li> <li>▶ <u>Participate in Energy Upgrade California (EC2-4):</u> The City participated in this program in when funding was available, and when funding was no longer available the City stopped promoting the program. However, the City partners with California Youth Energy who provides free energy and water conservation audits for residents.</li> </ul>		



## Energy

### Actions Still in Progress (continued):

- ▶ Promote and increase awareness of available federal rebates and tax credits for energy efficiency upgrades (EC3-2): Public engagement and education programs were offered from 2010-2013, since then, they have been deferred or offered on a limited basis.
- ▶ Implement a voluntary program that promotes energy and water-efficiency upgrades of existing buildings (EC4-2): Water-Efficiency Programs are in place, however, there are no current programs offered in energy-efficiency.
- ▶ Implement a city-wide tree planting program, with a focus on shade trees (EC4-3): On an ongoing basis, the City plants trees in public places including medians, planter strips, and public parks. The City is developing a way to have specific metrics for monitoring.
- ▶ Eliminate energy demand, where feasible at municipal buildings (EG1-1): Lighting at the Library was upgraded, and numerous city buildings made changes to HVAC systems and completed energy audits.
- ▶ Replace all fluorescent bulbs in illuminated street name signs with more energy efficient systems (e.g. LEDs) (EG1-2): City in year three of five-year program.
- ▶ Upgrade streetlights, where feasible (EG1-3): An LED Street Light Retrofit Project was completed in 2013 and a feasibility study to retrofit or convert the remaining decorative, parking lot and pathway lights to more energy efficient lighting solutions has been proposed.
- ▶ Assess opportunities to eliminate energy demand and improve energy efficiency of municipal water/sewer system equipment (EG1-4): The City of Pleasanton completed energy efficiency upgrades on 41% of the municipal water/sewer system pumps.
- ▶ Assist area schools with energy audits and improve the energy efficiency of school facilities (EG1-5): The Go Green Initiative has benchmarked all PUSD schools and the District Office, as well as 23 City Facilities. The facilities energy use is tracked through the Energy Star Portfolio Manager tool; however, no schools have completed their application for Energy Star Certifications.
- ▶ Adopt local zoning ordinances that encourage residential renewable energy installations (e.g., wind turbines) (ER1-1): Permits for roof mounted solar panels are reviewed online or over the counter. This measure is on current CAP checklist for private development projects; however, the City does not get enough wind to warrant wind turbine ordinance.
- ▶ Evaluate existing installed renewable energy capacity for municipal operations and set future installed goal (ER3-1): Energy use is evaluation annually and reported on as part of the City's two-year budget performance measures.
- ▶ Evaluate the feasibility of installing solar (PV) panels or vertical wind turbines at City-owned facilities (ER3-2): Panels have been installed at various buildings; other facilities are being considered for solar panel installation.

### Actions Not Yet Started:

- ▶ Modify municipal code to reduce heat island effects in the City (EC1-3): A code amendment has not been completed. However, this measure is on the CAP checklist for development projects.
- ▶ PG&E Partnership Program (EC2-1): A multi-year integrated resource strategy that incorporates PG&E's Core and other pertinent programs has not been implemented.
- ▶ Assess feasibility of establishing a revolving loan fund for home performance audits and system upgrade (EC3-1): A revolving loan fund has not been established.
- ▶ Promote the use of solar tubes, skylights and other daylighting systems (EC4-4): Not implemented.

## Energy

### Actions Not Yet Started (continued):

- ▶ Consider Home Energy Ratings System scores and fostering recognition of buildings that complete a prescriptive package of actions (EC4-5): Not implemented.
- ▶ Evaluate existing installed renewable energy capacity in community and set future community goal (ER2-1): Not implemented.
- ▶ Solar Cities Program (Solar City Program) (ER2-2): Program has ended.
- ▶ Increase promotion (rebates, education and outreach, demonstration projects) of distributed generation (ER2-3): This measure is on current CAP checklist for private development projects.
- ▶ Consider installing neighborhood solar grids for EV charging stations (ER2-5): This measure is on current CAP checklist for private development projects.

## Community Engagement

Community Engagement		
Focus area status: EXCELLENT		
35% of actions are <b>COMPLETE</b>	40% of actions are <b>IN PROGRESS</b>	25% of actions have <b>NOT STARTED</b>
<p><b>Goals:</b></p> <ul style="list-style-type: none"> <li>▶ Provide information and resources to the community.</li> <li>▶ Partner with schools to promote sustainability efforts.</li> <li>▶ Implement outreach programs for local businesses and residents.</li> </ul>		
<p><b>Key Achievements:</b></p> <ul style="list-style-type: none"> <li>▶ Implemented the <b>Buy Local Campaign</b>, as well as various partnerships and campaigns with Visit Tri-Valley and the Pleasanton Downtown Association. (PE1-7)</li> <li>▶ Operations Services and Economic Development are members of the <b>Alameda County Green Business Program</b> and works with PG&amp;E and area organizations to recognize exemplary green buildings and individuals that save energy. (PE1-8, PE3-2)</li> <li>▶ The City participated in <b>Sustainability Circles</b>, a comprehensive 6-month peer-learning program that embeds sustainable practices across your organization and improves the way business is conducted. (PE2-3)</li> <li>▶ The City adopted and conducted outreach for a <b>Reusable Bag Ordinance</b>, eliminating the use of plastic bags. (PE3-3)</li> <li>▶ The <b>StopWaste</b> program offers educational modules free of charge and the <b>Go Green Initiative Local Leaders of the 21st Century</b> provides education and outreach to high school students. (PE2-2)</li> <li>▶ Partnered with <b>California Youth Energy Services</b> which focuses on environmental and economic sustainability for the community. (PE3-7)</li> </ul>		
<p><b>Actions Still in Progress:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Develop user-friendly fact sheets and provide community workshops for residents, and/or landlords to help reduce GHG emissions through water and energy efficiencies (PE1-4):</u> Water Conservation Program distributes water-saving educational factsheets and holds workshops, but energy and waste factsheets have not been developed.</li> <li>▶ <u>Develop and implement financial aid programs for residential and commercial energy efficiency upgrades/retrofits (PE3-5):</u> The EEC is exploring additional funding options to encourage property owners to finance renewable energy, energy efficiency, and water conservation home improvement projects.</li> <li>▶ <u>Raise awareness about the City's large-scale residential program to retrofit homes with energy efficiency measures (PE3-6):</u> Initiated upon the completion of the Climate Action Plan but has not been promoted since due to insufficient funding.</li> <li>▶ <u>Continue to host free community events, sustainability lectures and various workshops (PE3-8):</u> Ongoing through the Water Conservation Program.</li> </ul>	<p><b>Actions Not Yet Started:</b></p> <ul style="list-style-type: none"> <li>▶ <u>Identify and empower neighborhood and community champions on climate change and sustainability (PE1-6):</u> Not implemented.</li> <li>▶ <u>Promote community climate action planning through schools; send information home through schools (PE2-1).</u> Not implemented.</li> </ul>	