

**COMMITTEE ON
ENERGY AND THE ENVIRONMENT
AGENDA**

March 22, 2023 – 5:30 P.M.

**Operations Service Center
Remillard Conference Room
3333 Busch Road, Pleasanton**

CALL TO ORDER

ROLL CALL

AGENDA AMENDMENTS

MINUTES

1. Approve the regular meeting minutes of January 25, 2023.

MEETING OPEN TO THE PUBLIC

2. Public comment from members of the audience regarding items not listed on the agenda.

OTHER MATTERS BEFORE THE COMMITTEE

3. Climate Action Plan (CAP) 2.0 Update
4. Presentation of Draft Council Priorities for FY 2023-24 and Overview of Citywide Strategic Plan

MATTERS INITIATED BY COMMITTEE MEMBERS

Brief reports on conferences, seminars, and meetings attended by Committee members.

ADJOURNMENT

Next meeting is a Regular Meeting of the Committee on Energy and the Environment on May 24, 2023 at 5:30 p.m.

Accessible Public Meetings

The City of Pleasanton can provide special assistance for persons with disabilities to participate in public meetings. To make a request for a disability-related modification or accommodation (e.g., an assistive listening device), please contact the City Clerk's Office at 123 Main Street, Pleasanton, CA 94566 or (925) 931-5027 at the earliest possible time. If you need sign language assistance, please provide at least two working days' notice prior to the meeting date.

**MINUTES
CITY OF PLEASANTON
MEETING OF THE COMMITTEE ON ENERGY AND THE ENVIRONMENT
January 25, 2023**

CALL TO ORDER

Chair Liu called a teleconference meeting of the Committee on Energy and the Environment to order at the hour of 5:30 p.m.

ROLL CALL

Committee Members Present: Bloom, Brown, Vice Chair Klein, and Chair Lee

Committee Members Absent: Jain and Liu

Committee Member Kelly arrived at 5:34

AGENDA AMENDMENTS

MINUTES

1. Approve the meeting minutes of the September 28, 2022, meeting.

Motion by: Brown Seconded by: Klein

Ayes: Brown, Bloom, Klein, and Lee

Motion passed.

MEETING OPEN TO THE PUBLIC

2. Public Comment from members of the audience regarding items not listed on the agenda

NONE

OTHER MATTERS BEFORE THE COMMITTEE

3. Commissioner Handbook Update

Larissa Soto, Assistant Attorney presented an update on the modifications that incorporate Rosenberg's Rules of Order to the Commissioner's Handbook.

4. East Bay Community Energy (EBCE) Informational Update

Becky Hopkins, Assistant to the City Manager presented an update on the energy projects underway in partnership with EBCE.

MATTERS INITIATED BY COMMITTEE MEMBERS.

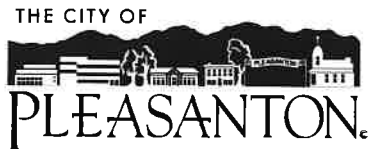
Future meeting request Pleasanton Garbage Services site visit.

ADJOURNMENT

The meeting was adjourned at 6:36 p.m.

Next regular meeting of the Committee is scheduled for May 24, 2023 at 5:30pm.

Respectfully Submitted,
ZeeLaura Page



COMMITTEE ON ENERGY AND THE ENVIRONMENT AGENDA REPORT

March 22, 2023
City Manager's Office

TITLE: PROVIDE A RECOMMENDATION TO THE CITY COUNCIL TO ADOPT THE DRAFT COUNCIL PRIORITIES FOR FISCAL YEAR 2023-2024 AND RECEIVE AN OVERVIEW OF THE CITYWIDE STRATEGIC PLAN PROJECT

SUMMARY

On November 15, 2022, the City Council authorized staff to undertake a citywide strategic plan that will allow the current Council Priorities setting process to be updated to ensure the strategic themes and goals that guide the process represent the Pleasanton City Council, community, and staff today.

The City Council also authorized staff to pause the established City Council Priority process scheduled for Fiscal Year 2023-2024 and provide an interim process using the existing list of Council Priorities to be amended to a list of remaining items that can be completed in one fiscal year and for which there is adequate funding to complete.

As part of the interim process for Fiscal Year 2023-2024, City staff is providing the City's commissions and committees the opportunity to review the Draft Council Priorities list and provide a recommendation to the City Council for its adoption.

RECOMMENDATION

Provide a recommendation to the City Council to adopt the DRAFT Council Priorities for Fiscal Year 2023-2024.

FINANCIAL STATEMENT

The funding required for the projects listed on the DRAFT Council Priorities for FY 2023-2024 are provided in Table 1. It is estimated that an additional \$505,000 will need to be allocated from the General Fund to the fiscal year 2023-2024 budget.

TABLE 1 Project Title		Funding already Allocated	Funding NEEDED and NOT allocated
1	Update Water & Sewer Master Plans	\$1,300,000	0
2	Update utility rates & connection fees	0	\$180,000
3	Pilot use of alternative pesticide management treatment at designated park	0	\$50,000
4	Continue to participate with regional agencies on studies of water supply alternatives & addressing water quality issues, e.g., PFAS.	\$360,000	0
5	Diversity, Equity & Inclusion Action Plan	\$225,000	0
6	Develop a City ADA Transition Plan	0	\$100,000
7	Develop a plan to reduce homelessness in Pleasanton (REVISED)	0	\$75,000
8	Update and implement the Eastern Alameda County 2011 Human Services Needs Assessment	\$175,000	0
9	Update Affordable Housing fees.	0	\$100,000
10	Evaluate model ordinance and/or enact City ordinance to reduce single-use disposables.	0	0
11	Amend the City's Code to trigger mandated trash enclosure improvements/expansions in the City's commercial, office and industrial areas.	0	0
TOTALS		2,060,000	\$505,000

BACKGROUND

The City provides a full array of services to the community, including some which are largely externally facing, such as Operations Services, Library and Recreation, Economic Development, Engineering, Police, Community Development, and Fire. Internal services include the City Manager's Office, City Attorney's Office, City Clerk, Human Resources, Finance, and Information Technology.

In addition to the day-to-day operations of the City, a variety of new ideas, projects, and services are brought forward to the Council for consideration. Instead of approving new ideas, projects and services throughout the year, the City Council uses a priority setting process to consider emerging needs of the City and the community it serves. The

Council agreed to work together to constrain new projects or ideas to this two-year process and typically did not add projects mid-cycle unless deemed essential.

Over time this approach has unintentionally set up a difficult dynamic in which the public believes if an item is selected as a Council Priority it is going to be resourced and completed within the two-year time frame; however, in practice this is not the case. The current Council Priorities work plan has 78 projects that are in addition to the day-to-day operations, programs and services provided by the City. Over the years, if projects were not completed in the two-year time frame, they were often carried over to the following two-year work plan. Additionally, projects were added by the City Council in response to community and staff input, and the dynamic has continued year after year, in which items are competing for staff time and financial resources. The current process does not provide sufficient fiscal analysis and consideration of staff time needed to support or complete work plan items. Additionally, by starting with project requests, the City Council has not had the opportunity to consider request in the context of longer-term policy goals.

Undertaking a citywide strategic plan will update the current Council Priorities setting process and ensure that the strategic themes and goals that guide the process represent the Pleasanton City Council, community, and staff today.

DISCUSSION

The City Council authorized staff to conduct an interim Council Priority setting process for Fiscal Year 2023-2024 allowing staff to use the existing Council Priorities and prepare a recommendation for consideration by the City commissions, committees, and the City Council.

There are 78 projects on the current Council Priorities work plan of which 36 are completed and 16 will be fully or substantially completed by the end of the current fiscal year on June 30, 2023. To address the remaining 26 items and determine which items to recommend for the Fiscal Year 2023-2024 Council Priorities list staff used the following criteria:

- Is it fully funded?
- Can it be completed by June 30, 2024?
- If additional funding is needed, is it available in the General Fund?

Based upon this criteria staff developed the recommended project list outlined in Table 1. Staff recommends the following priority for the stated projects.

Level 1: Proceed to complete projects in FY 2023-2024

The following projects are fully funded and are planned to be completed in one year. The one exception is Project 2 – Update Utility Rates and Connections fees, this is not currently funded and will be budgeted for in the upcoming two-year budget. Funding will not come from the General Fund but rather the Water/Utilities Enterprise Fund.

	Project Title
1	Update Water & Sewer Master Plans
2	Update utility rates & connection fees
4	Continue to participate with regional agencies on studies of water supply alternatives & addressing water quality issues, e.g., PFAS
5	Diversity, Equity & Inclusion Strategic Plan
8	Update and implement the Eastern Alameda County 2011 Human Services Needs Assessment
10	Evaluate Model Ordinance and/or enact City ordinance to reduce single-use disposables
11	Amend the City's Code to trigger mandated trash enclosure improvements/expansions in the City's commercial, office and industrial areas

Level 2: Proceed to complete projects in FY 2023-2024 if funding is available.

The following projects are not currently funded but could be completed in a year's time if funding is available.

	Project Title	Cost
3	Pilot use of alternative pesticide management treatment at designated park	\$50,000
6	Develop a City ADA Transition Plan	\$100,000
7	Develop a plan to reduce homelessness in Pleasanton (REVISED)	\$75,000
9	Update affordable housing fees	\$100,000

Below are descriptions for each project. Staff is requesting the commission provide a recommendation to the City Council on whether to prioritize these four projects to be funded if funding is available.

Project 3 – Pilot Use of Alternative Pesticide Management Treatment at Designated Park. This project will be a pilot program in one City park to study the use of alternative pesticide treatments. Once a park site is selected, the pilot program will run for a minimum one-year period to assess the impacts on park use and aesthetics. Impacts to staff time and material costs will also be tracked.

Project 7 – Develop a City ADA Transition Plan. This project is to develop a City ADA Transition Plan, which would provide a framework for the continuous improvement of City programs and facilities for people with disabilities. The proposed solutions outlined in an ADA Transition Plan would serve as a guide as the City improves accessibility for all individuals in public buildings and infrastructure.

Project 8 – Develop a Plan to Reduce Homelessness in Pleasanton (REVISED). This project has been modified and recommends using the updated Housing Element, the adopted Alameda County Home Together Plan, current Point In Time Count data, and the findings of the from the Tri-Valley Human Services Needs Assessment to be completed in fall 2023 to develop a plan with policy recommendations and programmatic approaches to addressing homelessness in Pleasanton. Staff will work with Housing Commission and Human Services Commission to review the plan and provide a recommendation to City Council.

Project 10 - *Update Affordable Housing Fees*. In 2019, the City published its Affordable Housing Nexus Fee Study and updated affordable housing fees. This project would review those fees relative to the current housing market and growing need for facilitating affordable units.

Overview of citywide strategic plan project

The citywide strategic plan will provide the City Council, community, and City staff an opportunity to create a longer-term planning horizon with a focus on longer-term goals and outcomes and direction about near-term projects and programs that will allow the City to advance in a thoughtful manner (including sufficient fiscal analysis and consideration of staff time needed to accomplish items). The result of the process will be a citywide strategic plan with multi-year goals, strategies to achieve the goals, and an implementation action plan.

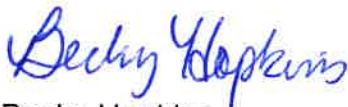
The strategic plan will include:

- Vision, mission, values
- Multi-year goals – high level themed areas of interest of focus
- Development of a new Council Priority Setting Process tied to the Strategic plan goals:
 - The Council Priority Process will identify specific actions.
 - Success indicators for each action
 - Reporting and accountability mechanisms.

Next Steps

The City has retained Baker Tilly US to assist with the development of the citywide strategic plan. The project planning is already underway with collection of background information and an environmental scan being conducted. Internal organizational interviews with the City Council and City staff are being held, and community outreach and engagement is being planned. City staff will keep the commission informed of the projects' progress and how commission and committee members, and the community, can get involved.

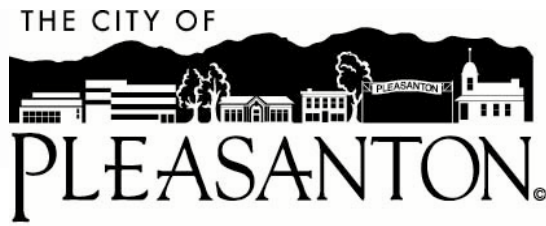
Submitted by:



Becky Hopkins
Assistant to the
City Manager



Pamela Ott
Assistant City Manager



The Committee on Energy and the Environment Agenda Report

March 22, 2023

Item 3

SUBJECT: ANNUAL CLIMATE ACTION PLAN 2.0 STATUS REPORT

EXECUTIVE SUMMARY

In February 2022, the City Council adopted the City's Climate Action Plan 2.0 (CAP 2.0) and in February 2023 the Council adopted a minor update to the CAP 2.0. The CAP 2.0 outlines the City's environmental framework over the next 10 years and creates a roadmap for Greenhouse Gas (GHG) emissions reductions that is both realistic and implementable. Staff began implementation of CAP 2.0 actions last year and has made significant progress since then. This report serves as a status report of actions that have been completed, are in-progress, and are upcoming.

RECOMMENDATION

Staff recommends the Committee on Energy and Environment (Committee) review the status of CAP 2.0 implementation. There is no action requested at this time.

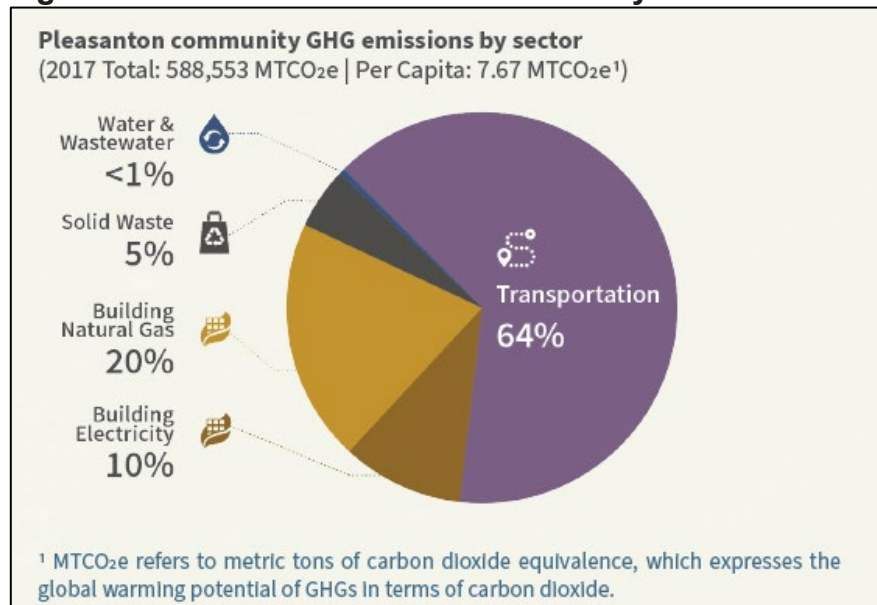
BACKGROUND

Climate Action Plan 2.0

Pleasanton, like many communities, faces vulnerabilities to climate change impacts (e.g., increased heat, extreme weather, wildfire, and water uncertainty). As Pleasanton continues to grow and thrive, the City and community must reduce greenhouse gas (GHG) emissions while building resilience to climate change within our community to maintain a vibrant, healthy, and sustainable home, now and for decades to come.

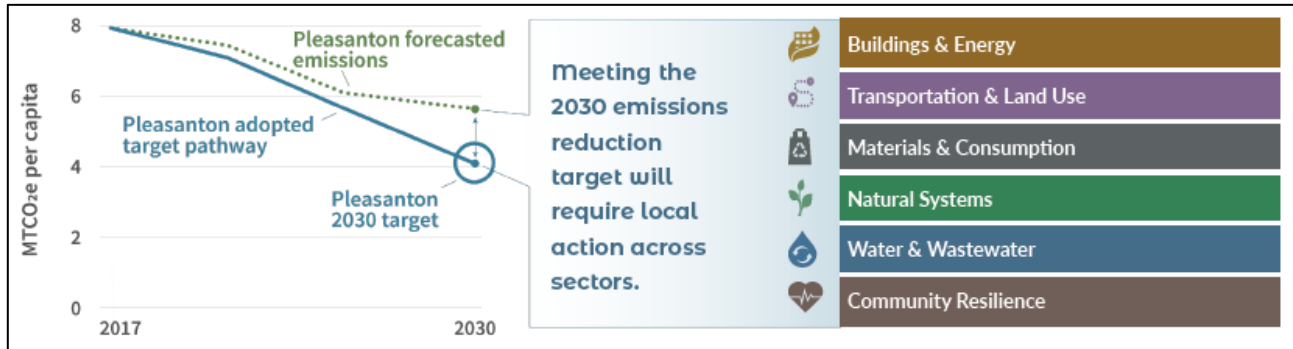
Between 2005 and 2017, Pleasanton's GHG emissions declined 28-percent, exceeding the GHG emissions reduction target established in the CAP 1.0. Even as Pleasanton has continued to experience a growing population and economy, the community achieved a per capita emissions reduction of 37-percent. In the City's last GHG emissions inventory in 2017, Pleasanton's major emissions sources were transportation and building energy use as shown in Figure 1 below.

Figure 1- Pleasanton's GHG Emissions By Sector



The CAP 2.0 (adopted in February 2022 and updated in February 2023) sets ambitious GHG reduction targets that comply with, and exceed, targets established by the State of California. To achieve the reduction targets, the CAP 2.0 includes a set of Existing Actions that the City plans to continue and are generally actions already in-progress and/or on-going. Additionally, the CAP 2.0 identifies a set of new Primary Actions that aim to reduce GHG emissions to meet the target identified in the CAP 2.0 (i.e., 4.11 MTCO_{2e} per capita by 2030). The document further identifies Secondary Actions that will deepen the City's commitment to taking local action and enhance community resilience to climate change. The adopted set of actions are across six sectors as shown in Figure 2 below.

Figure 2- Pleasanton's GHG Target



DISCUSSION

Attachment 1 provides a summary of all Existing Actions, Primary Actions, and Secondary Actions with a status update provided for each action. Additional details for Primary and Secondary Actions that have been completed this past year or are in-progress are provided below. Further, all Existing Actions (i.e., actions that the City was already undertaking prior to CAP 2.0) have been continued and remain on-going. However, staff provides specific detail for some Existing Actions that made additional progress this past year beyond their status when CAP 2.0 was adopted. The actions detailed below include:

- Action P1 Reach Codes- *Completed*
- Action P3 Modify Municipal Code Definition of “Covered Projects”- *In-progress*
- Action P4 Solar and Battery Storage- *Completed*
- Action S3 Municipal Facilities- *In-progress*
- Action E3 Bicycle and Pedestrian Master Plan and Trails Master Plan- *In-progress*
- Action P5 Zero Emissions Vehicle Infrastructure- *Partial completion/in-progress*
- Action P6 Electrify Municipal Small Engine Equipment- *In-progress*
- Action P7 Electrify Community Small Engine Equipment- *In-progress*
- Action E6 Housing Element Implementation- *In-progress*
- Action P11 Promote LEED Neighborhood Development-*Completed*
- Action E7 SB 1383 Implementation- *In-progress*
- Action S5 Environmentally Preferable Purchasing Policy- *Completed*
- Action P13 Urban Forest Master- *In-progress*
- Action P14 Soil Management and Carbon Sequestration- *In-progress*
- Action P15 Water Efficiency and Retrofits- *Completed/On-going*
- Action E18 School Climate Planning *On-going*
- Action E20 Community Centers *On-going*
- Action E21 Community Gardens *On-going*

Buildings and Energy

- **Action P1 Reach Codes [Completed 2022].** The City Council adopted reach codes (i.e., Building Codes that go beyond the existing Codes) on November 1, 2022 (effective with the new Building Codes on January 1, 2023). The new codes generally require new buildings to be all-electric (with a few exceptions) and electric

vehicle charging infrastructure to be installed with new construction. *This action has an estimated cumulative reduction of 10,100 MTCO_{2e}¹ through 2030.*

- **Action P3 Modify Municipal Code Definition of “Covered Projects” [In-Progress].** This action is included as the omnibus update to the Municipal Code being reviewed by City Council on March 21, 2023. Staff will provide a verbal update at the Committee meeting if this item was approved. If adopted, as outlined in the CAP 2.0, additional development projects would be considered “covered projects” under the City’s green building requirements in Chapter 17.50 of the Municipal Code. *This action has an estimated cumulative reduction of 1,300 MTCO_{2e} through 2030.*
- **Action P4 Solar and Battery Storage [Completed 2023].** The new Building Codes, effective January 1, 2023 requires solar on most new buildings including: new single-family residences, hotels/motels with ten stories or less, and non-residential buildings with three stories or less. In most instances where solar is required, as is an energy storage system. Additionally, this was added to the CAP checklist and will be reviewed with future development applications. The City processed approximately 100 solar photovoltaic permits in 2022 and this number is expected to increase in 2023 due to the new Codes. *This action has an estimated cumulative reduction of 2,300 MTCO_{2e} through 2030.*
- **Action S3 Municipal Facilities [In-Progress].** This action includes several aspects including improving energy efficiency and improving resilience to municipal facilities. One aspect of this action that is in-progress is identifying critical facilities to install solar and battery back-ups. The Committee on Energy and Environment received an update on this project at its last meeting on January 25, 2023. In short, the City is working with East Bay Community Energy (EBCE) to complete a feasibility study and assessment of City facilities and outline the procurement process. The goal is to see installations begin by the end of 2023.

Transportation and Land Use

- **Action E3 Bicycle and Pedestrian Master Plan and Trails Master Plan Implementation [In-progress].** The City continued to implement both master plans and implementation will continue through the life of the Master Plans. A few highlights from 2022 and early 2023 include:
 - In 2022, the City built approximately 2,420 feet in bicycle lanes.
 - The West Las Positas Boulevard Corridor Improvement Plan was approved by City Council on November 15, 2022, with bicycle and pedestrian improvements anticipated to be started in 2023.
 - The I-580 Overcrossing Improvement project consists of bicycle and pedestrian improvements on three overcrossings at I-580 and preliminary plans were presented to the Bicycle, Pedestrian and Trails Committee on January 23, 2023. Improvements are anticipated to be started in 2023.
 - One trail segment was built, and the Civic Park was re-vamped.

¹ Metric tons of carbon dioxide equivalent

- **Action P5 Zero Emissions Vehicle Infrastructure [Partially Completed 2022/In-Progress]**. This action includes several components, some of which have been completed or are in-progress including the following:
 - Electric vehicle charging infrastructure is now required for new construction, completed in 2022 as part of Action P1 Reach Codes.
 - The City completed a fleet assessment to analyze the impacts of electrifying the City’s light duty fleet and necessary infrastructure for charging. The cost for implementation of the plan are to be included in the Capital Improvement Project (CIP) budget request which will be presented to the City Council for consider spring 2023. Additionally, the City transitioned a paratransit van in its Pleasanton Rides program to an electric vehicle this year which will be used for various senior services.
 - The City has been working with EBCE to expand publicly available charging infrastructure. On November 1, 2022, the City Council authorized staff to explore and pursue charging at several locations in the City. Currently, EBCE is preparing conceptual plans for City review at two locations (i.e., Firehouse Arts Center and Senior Center). These EV chargers will be “fast” chargers and will be available for public use.
 - The City processed approximately 85 electric vehicle charging permits in 2022. This is anticipated to increase in 2023 due to the new Codes.

Only a portion of this action has been completed, however, the entirety of this action has an estimated cumulative reduction of 118,200 MTCO_{2e} through 2030.

- **Action P6 Electrify Municipal Small Engine Equipment [In-Progress]**. The City is pursuing a grant with the Tri-Valley Air Quality Community Alliance to aid us in transitioning some municipal equipment to battery powered equipment instead of gas. The City is looking at replacing approximately 26 pieces of equipment including leaf blowers, line trimmers, hedge trimmers, chainsaws, etc. This effort is currently a pilot program and the City will continue to explore the transition away from gas-powered equipment in the coming years.
- **Action P7 Electrify Community Small Engine Equipment [In-Progress]**. The City has begun this action including researching a potential gas-powered leaf blower ban and creating an incentive program. Staff plans to bring forward some options to City Council in May 2022.
- **Action E6 Housing Element Implementation [In-progress]**. The 6th Cycle (2023-2031) Housing Element was adopted by the City Council on January 26, 2023. Implementation has begun including Objective Design Standards (Program 6.1), Stoneridge Mall Framework (portion of Program 1.7), and minor municipal code amendments (portion of Program 3.1). Implementation will continue through 2031.
- **Action P11 Promote LEED Neighborhood Development [Completed 2022]**. In 2022, the CAP checklist was updated so that new neighborhood scale projects need to incorporate elements of LEED Neighborhood Development (examples of project features that will provide points include access to transit, bicycle facilities,

access to recreation facilities, local food production, tree-lined and shaded streetscapes, heat island reduction, etc.). Compliance will be reviewed as appropriate for future development applications. *This action has an estimated cumulative reduction of 16,600 MTCO₂e through 2030.*

Materials and Consumption

- **Action E7 SB 1383 Implementation [In-progress].** The City continued to implement SB 1383 and made significant progress. The Committee on Energy and Environment received an update in November 2022 for a more in-depth report. Some highlights from include:
 - Franchise Agreement- In June 2022, the City Council adopted a new garbage rate and revised the Franchise Agreement to comply with SB1383 and begin implementing the new collection and processing requirements.
 - Education and Outreach- Notable time and effort was spent working on education and outreach. This was also a collaboration with StopWaste, Pleasanton Garbage Service, and the Go Green Initiative.
 - As of now, 537 businesses are compliant, 95 waivers have been issued, and only 21-percent of businesses are non-compliant. The City is enrolling businesses into service and Stopwaste is granting waivers daily. Stopwaste has begun enforcement on behalf of the City for businesses who are not compliant with SB 1383 service requirements.
- **Action S5 Environmentally Preferable Purchasing Policy [Completed 2022].** The City Council adopted an Environmentally Preferable Purchasing Policy on May 3, 2022. The policy aims to minimize adverse impacts to the environment by establishing standards for the products and services the City purchases (e.g., mulch, paper, energy, etc.) and requires City buyers to purchase products that reduce energy, water, and fuel consumption and that lead to reductions in greenhouse gas emissions.

Natural Systems

- **Action P13 Urban Forest Master [In-Progress].** The Urban Forest Master Plan (UFMP) project kicked-off in 2023 and has an anticipated adoption of late 2024. The UFMP will provide a framework for the long-term care, preservation, and expansion of the community's urban forest. It will also provide a tree inventory and tree canopy analysis among other components. *This action has an estimated cumulative reduction of 1,200 MTCO₂e through 2030 (represented as carbon sequestration).*
- **Action P14 Soil Management and Carbon Sequestration [In-Progress].** Staff created a Landscape Inventory GIS Mapping tool, used to develop a 3-year compost application plan for parks and open space throughout the City. The plan outlines the programming for 6,300 ton of compost, applied to approximately 207 acres, over a 3-year period. Additionally, the City is planning to participate in a research study with StopWaste and UC Merced as it relates to soil management and carbon sequestration.

Water and Wastewater

- **Action P15 Water Efficiency and Retrofits [Completed 2022/On-Going].** In 2022, City rebate maximums for the Eco-Friendly Lawn Conversion rebate were increased for residential customers (from \$250 to \$575) and for customers with dedicated irrigation meters (from \$3,000 to \$4,000). Also in 2022, the City awarded rebates for 28 lawn conversion projects. Further, Zone 7 awarded 151 rebates to Pleasanton residents for lawn conversions, weather-based irrigation controllers, and high efficiency washing machine upgrades. The City will continue to partner with Zone 7 and provide incentives and rebates to the community to improve water efficiency and reduce water use.

Community Resilience

- **Action E18 School Climate Planning [On-going].** The City supported GoGreen Initiative (GGI) efforts through a Professional Services Agreement and a Community Grant. In 2022, The GGI continued to update the Energy Star Portfolio Manager (ESPM) data on energy & water consumption and data on waste for all 15 Pleasanton Unified School District campuses and are currently pursuing Energy Star certification for campuses that are eligible. The Local Leaders of the 21st Century clubs at Amador and Foothill work with GGI staff and have engaged in several projects to support the City's CAP 2.0 including school campus compliance with SB 1383. GGI has also partnered with the City on several community outreach & education sessions to help residents learn more about how they can help enact the City's CAP 2.0 through their own lives.
- **Action E20 Community Centers [On-going].** In 2022, the City's cooling centers were open from September 3-9 during extreme heat events. Additionally, winter relief was provided during cold weather in January 2023 wherein the City housed 14 residents experiencing homelessness. Lastly, in 2022 the City received a grant for two commercial carrier air filters so that the City can provide clean air shelters during wildfire events in 2023 as needed.
- **Action E21 Community Gardens [On-going].** In 2022, the City performed sitework necessary for the Alameda County Master Gardeners to access and seed cover crop at the Bernal Community Farm including discing and amending the soil, preparing a water line hookup, and installing a temporary gravel parking area along the existing access road at the site. The Master Gardeners seeded the site for their cover crop (drought tolerant/pollinator friendly seed mix) in early December 2022 and placed informational signage regarding the project at the site in January 2023.

Upcoming Actions

In addition to continuing all on-going Existing Actions, as noted above, there are several actions in-progress above including: Action P3 Modify Municipal Code Definition of "Covered Projects", Action S3 Municipal Facilities, Action E3 Bicycle and Pedestrian Master Plan and Trails Master Plan Implementation, Action P5 Zero Emissions Vehicle Infrastructure, Action P6 Electrify Municipal Small Engine Equipment, Action P7 Electrify Community Small Engine Equipment, Action E6 Housing Element Implementation, Action E7 SB 1383 Implementation, Action P13 Urban Forest Master Plan, and Action P14 Soil

Management and Carbon Sequestration. These actions will continue to progress in 2023, with some of them anticipated to be completed in the upcoming calendar year.

Additionally, in 2023 work is planned in relation to Action P16 Climate Awareness, Education, and Outreach including creating community sustainability awards and developing a Library and Recreation program dedicated to youth climate conservation and stewardship projects in the community.

Further, staff continues to participate in regional conversations and partnerships around the climate and sustainability.

COMMITTEE REVIEW

Staff requests the Committee review the status of CAP 2.0 implementation. There is no action requested at this time. The City Council will review CAP 2.0 status in May 2023.

NEXT STEPS

Staff intends to provide annual status updates of CAP 2.0 actions. Staff provided some metrics with this report (e.g., quantity of solar permits), however, for future updates, staff plans to include more extensive metrics around key performance indicators (e.g., water consumption, energy use, waste reduction, etc.). These updates can be used to measure success of CAP 2.0 implementation.

Submitted by:



Megan Campbell
Associate Planner

Approved by:



Becky Hopkins
Assistant to the City Manager

Attachments

1. Status of Existing, Primary, and Secondary CAP 2.0 Actions

Table 1. Existing ongoing CAP 2.0 actions

Existing Ongoing Actions	Action Status
Buildings & Energy: This sector includes strategies to advance the decarbonization of buildings (BE-1), improve energy consumption and efficiency (BE-2), and expand use of renewable energy (BE-3).	
E1. Maintain zero-emissions energy as the default EBCE choice for municipal operations	On-going
E2. Maintain zero-emissions energy as the default EBCE choice for the community	On-going
Transportation & Land Use: This sector includes strategies to advance vehicle decarbonization (TLU-1), advance active, shared, and public transportation (TLU-2), and Advance sustainable land use (TLU-3).	
E3. Bicycle & Pedestrian Master Plan and Trails Master Plan	In-progress. City continued implementation in 2022.
E4. Regional transit support	On-going
E5. Complete Streets implementation	In-progress. City continued implementation in 2022
E6. Housing Element implementation	In-progress. 6th Cycle (2023-2031) Housing Element adopted Jan 26, 2023. Implementation began in 2022.
Materials & Consumption: This sector includes strategies to increase waste diversion and optimize collection and disposal systems (MC-1), and enhance sustainable production and reduce consumption (MC-2).	
E7. SB 1383 implementation	In-progress. City continued implementation in 2022.
E8. Outreach and education	On-going
E9. Local purchasing	On-going
E10. Textile recovery	On-going
Natural Systems: This sector includes a strategy to increase and optimize carbon sequestration and improve ecosystem resilience (NS-1).	
E11. Pesticide Posting Program	On-going
E12. Municipal landscape management practice	On-going
E13. Sustainable land management education	On-going
Water Resources: This sector includes strategies to improve water supply & increase conservation (WR-1), and improve stormwater resilience (WR-2).	
E14. Controller assistant program	On-going
E15. Smart water meter installation	On-going
E16. Water Conservation Program	On-going
E17. On-site stormwater management	On-going
Community Resilience & Wellbeing: This sector includes a strategy to improve community resilience and reduce vulnerability to climate change (CRW-1).	
E18. School climate action planning	On-going. Continued progress in 2022.
E19. Access to green spaces	On-going
E20. Community cooling centers	On-going. Centers opened in 2022.
E21. Community gardens	On-going. Bernal Community Farm progress in 2022.

Table 2. Primary CAP 2.0 actions

Primary Actions	Action Status
Buildings & Energy: This sector includes strategies to advance the decarbonization of buildings (BE-1), improve energy consumption and efficiency (BE-2), and expand use of renewable energy (BE-3).	
P1. All-electric reach code for new construction	Completed. Adopted Nov 1, 2022. Effective Jan 1, 2023.
P2. Existing Building Electrification Plan	-
P3. Modify Municipal Code definition of “covered projects”	In-progress. Included as Omnibus item to be reviewed by Council on March 21, 2023.
P4. Solar and storage on “covered projects”	Completed. Included as part of the 2023 Building Codes. Effective Jan 1, 2023 and added to CAP checklist.
Transportation & Land Use: This sector includes strategies to advance vehicle decarbonization (TLU-1), advance active, shared, and public transportation (TLU-2), and advance sustainable land use (TLU-3).	
P5. ZEV Infrastructure Plan	Partially completed/in-progress. 1) As part of P1 Reach Codes, required EV Charging for new construction. 2) Created Fleet electrification plan. 3) Started work to install community charging at two locations.
P6. Electrify municipal small engine equipment and reduce emissions of off-road equipment upon replacement	In-progress. City pursuing grant and transitioning some equipment.
P7. Electrify community small engine equipment	In-progress. Goal to complete in 2023.
P8. Bicycle amenities	-
P9. Bicycle rack incentive program	-
P10. Increase transit ridership	-
P11. Promote LEED Neighborhood Development	Completed. In 2022, added to CAP checklist for new development.
Materials & Consumption: This sector includes strategies to increase waste diversion and optimize collection and disposal systems (MC-1), and enhance sustainable production and reduce consumption (MC-2).	
P12. Single use plastic reduction	-
Natural Systems: This sector includes a strategy to increase and optimize carbon sequestration and improve ecosystem resilience (NS-1).	
P13. Urban Forest Master Plan	In-progress. This effort began in 2023 with a goal of adopting the UFMP in 2024.
P14. Soil management carbon sequestration projects	In-progress. In 2022, developed 3-year compost application plan and participating in study with StopWaste and UC Merced.
Water Resources: This sector includes strategies to improve water supply & increase conservation (WR-1), and improve stormwater resilience (WR-2).	
P15. Water efficiency and retrofits	Completed/on-going. In 2022, increased rebade amounts. Will continue to implement program.
Community Resilience & Wellbeing: This sector includes a strategy to improve community resilience and reduce vulnerability to climate change (CRW-1).	
P16. Comprehensive climate awareness, education, and outreach	-

Table 3. Secondary CAP 2.0 actions

Secondary Actions	Action Status
Buildings & Energy: This sector includes strategies to advance the decarbonization of buildings (BE-1), improve energy consumption and efficiency (BE-2), and expand use of renewable energy (BE-3).	
S1. Refrigerant management in new construction	-
S2. Community energy efficiency upgrades	-
S3. Energy benchmarking and City facility retrofits	In-progress. Working with EBCE to install solar/battery storage on municipal facilities with goal to begin installations in 2023.
Transportation & Land Use: This sector includes strategies to advance vehicle decarbonization (TLU-1), advance active, shared, and public transportation (TLU-2), and advance sustainable land use (TLU-3).	
S4. VMT reduction for K-12 activities	-
Materials & Consumption: This sector includes strategies to increase waste diversion and optimize collection and disposal systems (MC-1), and enhance sustainable production and reduce consumption (MC-2).	
S5. Environmentally preferable purchasing policy	Completed. City Council adopted policy on May 3, 2022.
S6. Embodied Carbon Reduction Plan	-
Natural Systems: This sector includes a strategy to increase and optimize carbon sequestration and improve ecosystem resilience (NS-1).	
S7. Carbon sequestration research and tracking	-
Water Resources: This sector includes strategies to improve water supply and increase conservation (WR-1), and improve stormwater resilience (WR-2).	
S8. Green Stormwater Infrastructure Plan	-
Community Resilience & Wellbeing: This sector includes a strategy to improve community resilience & reduce vulnerability to climate change (CRW-1).	
S9. Wildfire preparation, prevention, and education	-