



CITY OF SAN MATEO

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Agenda Report

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TO: City Council
FROM: Drew Corbett, City Manager
PREPARED BY: City Manager
MEETING DATE: June 03, 2019

SUBJECT:
Annual Climate Action Plan - Progress Report

RECOMMENDATION:
Receive an update on the implementation to date of the approved measures in the Climate Action Plan.

BACKGROUND:
In April 2015, City Council adopted a Climate Action Plan (CAP) for the City of San Mateo to serve as the City's comprehensive strategy to reduce greenhouse gas (GHG) emissions. The City developed the CAP in collaboration with City staff, agency partners, and the public. In 2015, the Sustainability Commission provided input, reviewed and approved all of the measures, and recommended actions that were included in the CAP. As part of the adoption process, staff committed to making annual progress report to the Council and Commission on the progress of the 28 adopted CAP measures.

Climate Action Plan Implementation

The CAP includes 28 implementation measures, organized by category, including energy efficiency, renewable energy, alternative transportation and fuels, solid waste, wastewater, and off-road equipment. Each measure has a list of recommended actions that represents suggested means of achieving the measure, but is not a prescriptive path for implementation. The list of recommended actions for each measure is included, as well as the status of the actions completed to date. Some of the actions that staff has undertaken are recommended under several measures, and as a result are repeated under each applicable measure.

Staff developed a qualitative analysis of the progress to date on each of the measures, which is included as Attachment 1 to this report. To date, progress has been made on 24 of the 28 measures in the CAP. Of the remaining four CAP measures that have not yet been implemented, only one, encouraging energy efficiency improvements at healthcare centers, is associated with a significant greenhouse gas emission reduction. The remaining three measures are either supportive, serve as an alternative option to other measures, or are projected to have a minimal impact on achieving our target reduction.

Some key highlights of the CAP implementation work completed during the past year are as follows:

- The City entered into a contract with PG&E for the Sustainable Solutions Turnkey program for energy efficiency retrofits at City facilities. The \$3.2 million project includes upgrades to most all City facilities including, City Hall, Corp Yard, libraries, Police Department, fire stations, downtown parking garages, and recreation facilities. Energy efficiency improvements include interior and exterior lighting upgrades, replacement of mechanical systems, and implementation of integrated control strategies. Work began in August 2018 and will continue through 2020.
- The City was awarded grant funds of \$50,000 in 2018 from San Mateo County Energy Watch (SMCEW) Call for

Projects to fund small building lighting upgrades. Lighting upgrades were completed at 15 park facilities, including small restrooms and storage sheds.

- The City installed six Level 2 electric vehicle charging ports at the Corp Yard. The six charging ports enable the City to purchase and charge electric vehicles at the City Corp Yard. The charging stations are available to the general public during nights and weekends, serving the numerous residences in the area.
- The City Library has a new all-electric outreach vehicle that will enhance community's access to variety of programs while reducing greenhouse gas emissions.
- The City piloted dockless bike share with Lime May 2018 through February 2019. There were an average 0.96 rides per bike per day. Ridership of Lime bikes was significantly higher than the previous bike share program through Bay Bikes (0.26 rides per bike per day). The City drafted regulations for shared mobility programs that were approved by City Council in May 2019.

In addition to the qualitative analysis, staff has included a preliminary report in Attachment 2 on the CAP Measure Key Metrics where data were available.

Climate Action Plan Update and Greenhouse Gas Emissions Inventory

In August 2018, the City initiated work on an update to the CAP. The City has made steady progress in implementing the adopted CAP, but despite this significant work, reducing emissions becomes more and more challenging as many of the easier measures have been implemented and as the State continues to establish ambitious climate goals for upcoming years. The CAP update will quantify this progress towards meeting reduction goals and establish a plan for long-term GHG reductions for 2030 and 2050.

At the January 9, 2019 Sustainability and Infrastructure Commission meeting, the project team presented the City's updated GHG emission inventories, the first step in the CAP update process. A GHG emission inventory is a summary of the GHG emissions occurring as a result of activities that take place within the City of San Mateo. The inventory reflects the GHG emissions associated with everyday activities in the community, such as the use of electricity and natural gas in our homes and businesses, the emissions resulting from fossil-fuel dependent vehicles, and the emissions from waste sent to landfills, among other activities. Emissions in 2017 were 541,960 MT CO₂e. This represents an 18.0% decrease from 2005 baseline levels of 660,600 MT CO₂e, which indicates that the City has already achieved and exceeded the State's Assembly Bill (AB) 32 target of a 15% reduction below 2005 emissions levels by 2020. A large portion of this emission reduction is due to the launch of Peninsula Clean Energy, which has accounted for an 8.3% decrease in total emissions since its launch in 2015.

The CAP project team has engaged the Sustainability and Infrastructure Commission throughout the process and is currently working with the Commission to establish new GHG reduction targets for 2030 and 2050, assess adopted GHG reduction strategies, and develop new GHG reduction strategies for the updated CAP. On June 6, the project team will host a Community Workshop that will focus on gathering input on the proposed GHG reduction strategies.

The project team aims to bring a draft updated CAP to the Sustainability and Infrastructure Commission in Fall 2019, and plans to return to City Council with a recommendation to adopt the updated CAP by the end of 2019. The updated CAP marks an exciting opportunity to innovate new approaches and continue to demonstrate the City's leadership in sustainability.

BUDGET IMPACT:

There is no fiscal impact to the City related to this report.

ENVIRONMENTAL DETERMINATION:

In accordance with CEQA Guidelines Section 15379(b)(2), receiving this update is not a project subject to CEQA because it is a continuing administrative activity.

NOTICE PROVIDED

All meeting noticing requirements were met.

ATTACHMENTS

Att 1 – San Mateo CAP Annual Update

Att 2 – San Mateo Top CAP Measures by Emission Impact

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