



# Climate Action Plan Progress Report

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# 2020 Climate Action Plan

- Adopted by City Council on April 6, 2020
- SIC involved in development of 2020 CAP
- Establishes emission goals for 2030 and 2050

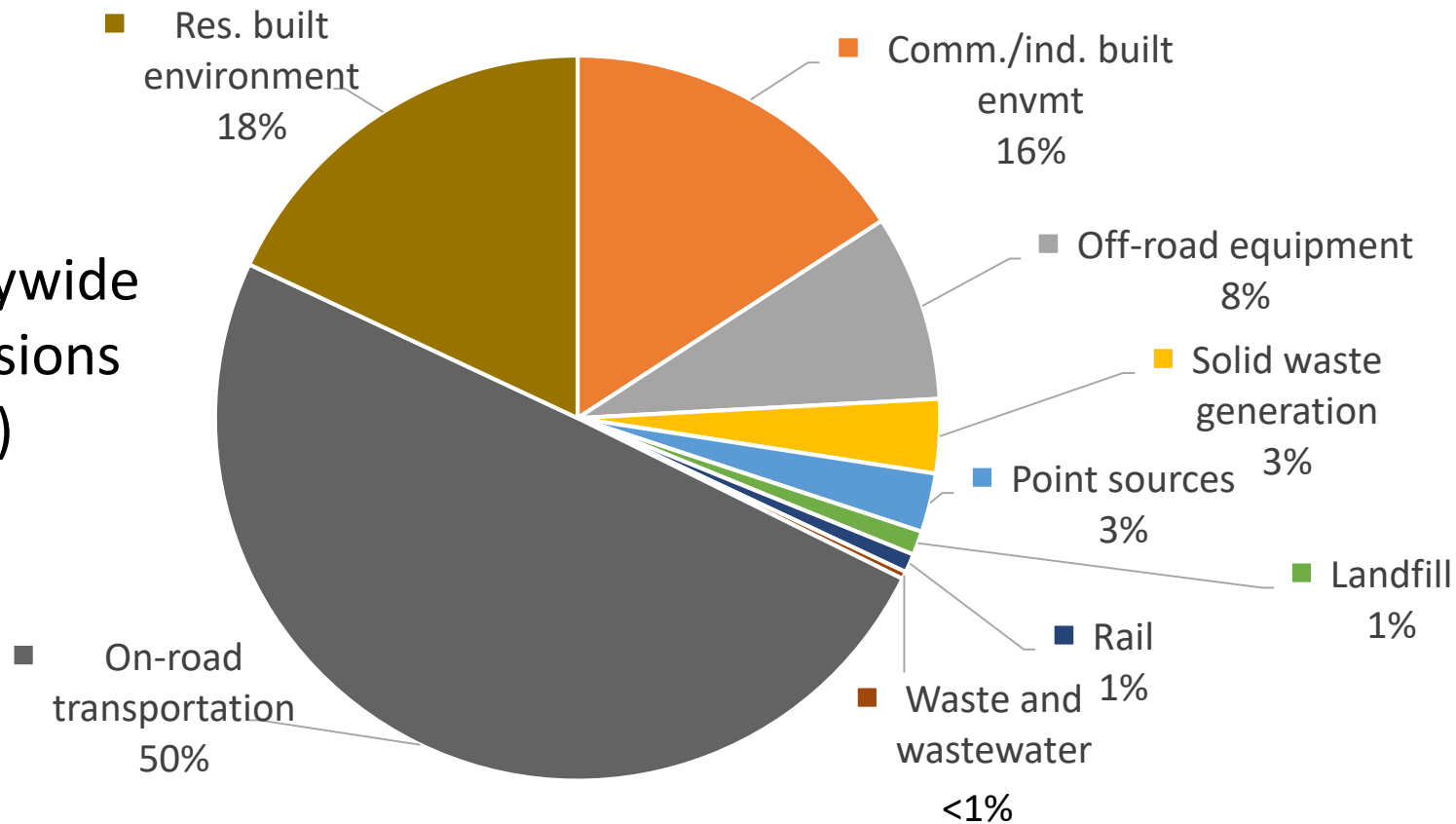
City of  
**SAN MATEO**



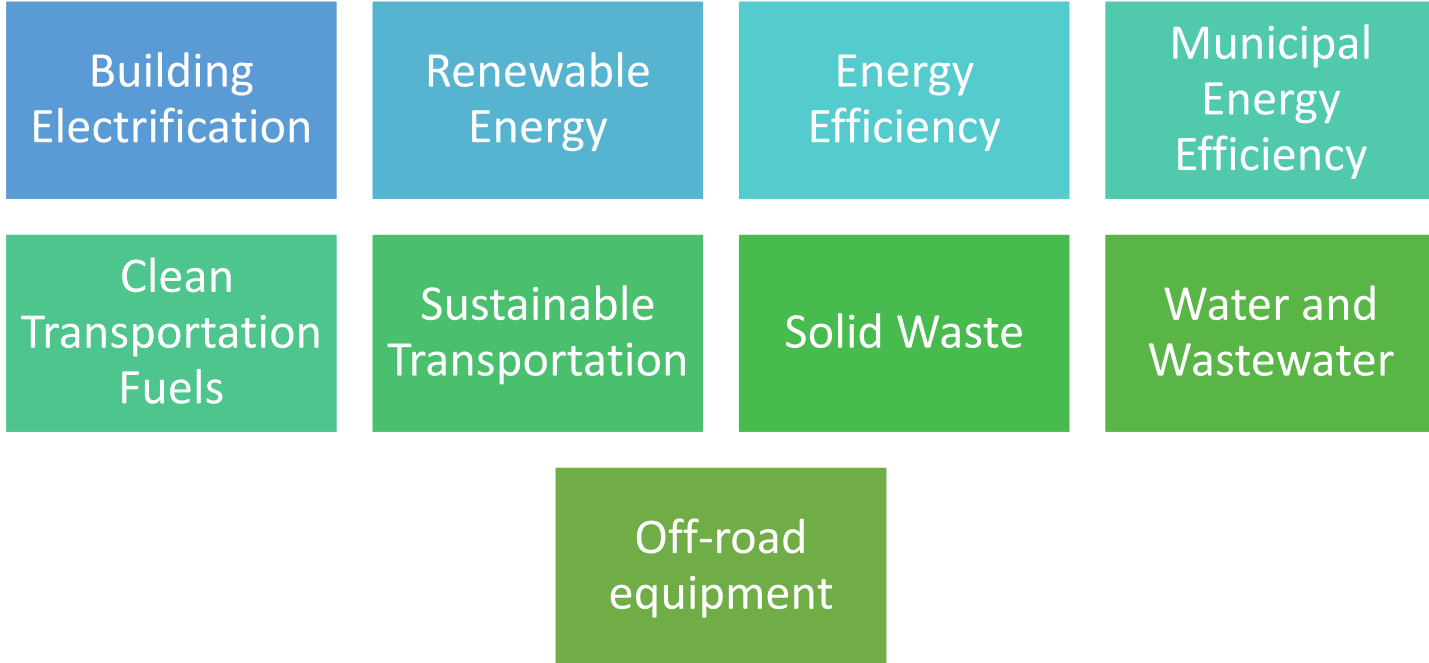
## 2020 CLIMATE ACTION PLAN



## Communitywide GHG Emissions (2017)



# GHG Reduction Measure Categories



# Building Electrification Reach Codes

*(Effective January 1, 2020 – December 31, 2020)*

Building Type	Reach Code
New Single Family and Duplex buildings	<u>Two compliance pathways:</u> 1) Mixed fuel: Proposed Design Building shall be 2.5 EDR points less than the Efficiency EDR (roughly 15% above State Code) 2) All-electric: 0% above State Code
New Buildings with Office Use (including mixed-use buildings)	<u>Two compliance pathways:</u> 1) Mixed fuel: 10% above State Energy Code 2) All-electric: 0% above State Energy Code
All other building types including Accessory Dwelling Units	No local amendment

# Building Electrification Reach Codes

*(Effective January 1, 2021 – December 31, 2022)*

Building Type	Reach Code
New Residential Buildings (including single family and duplex homes, multifamily buildings and Accessory Dwelling Units)	Required to be constructed all-electric
New Nonresidential Buildings with Office use	Required to be constructed all-electric
New Residential Buildings with 100% affordable units	<u>Two compliance pathways:</u> 1) Mixed fuel: must exceed State Energy Code 2) All-electric: 0% above State Energy Code

# Municipal Energy Efficiency

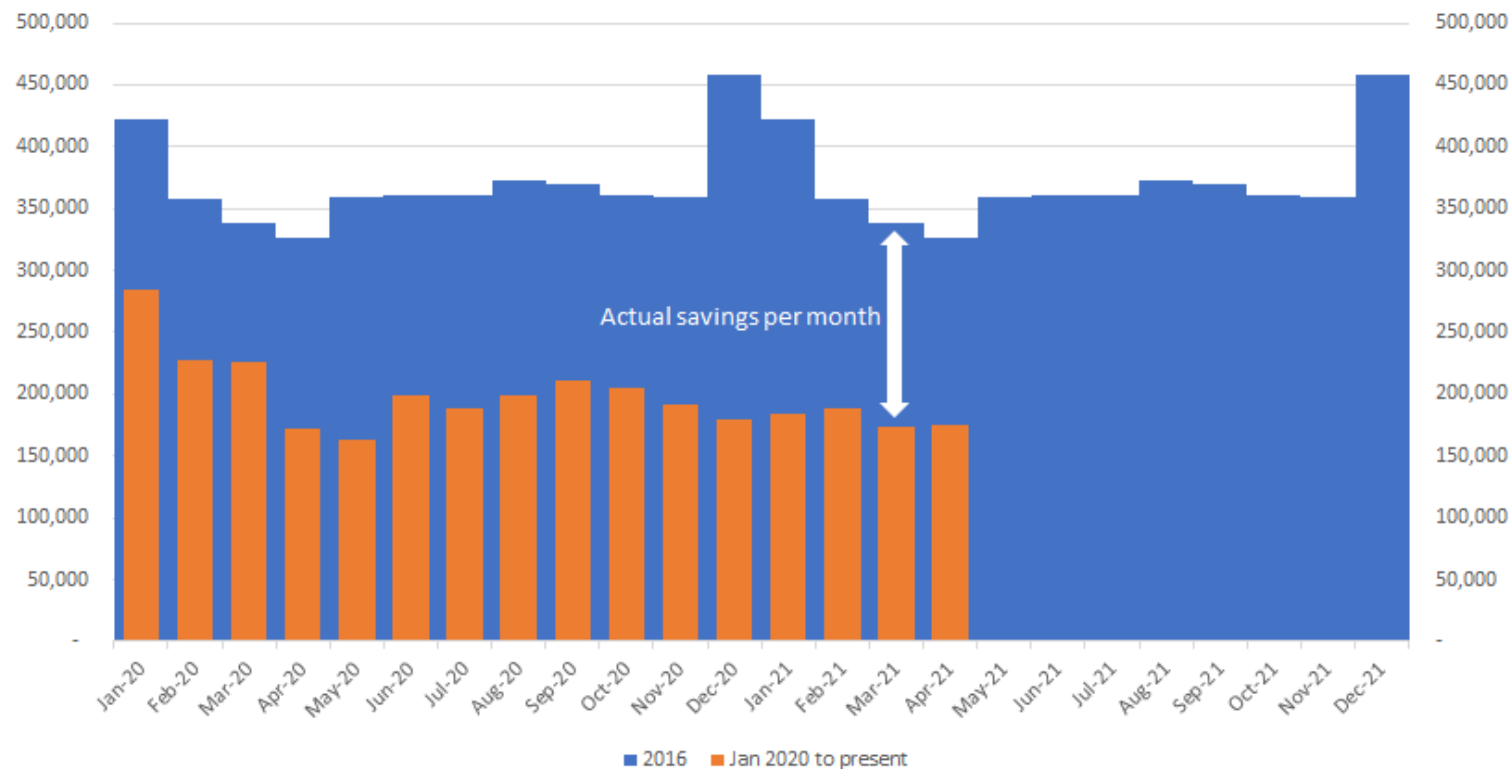


- City participated in PG&E's Sustainable Solutions Turnkey (SST) program
- Lighting upgrades and HVAC upgrades at most city facilities
- Estimated Annual Electricity Savings: 1,840,664 kWh
- Estimated Annual Gas Savings: 22,871 therms



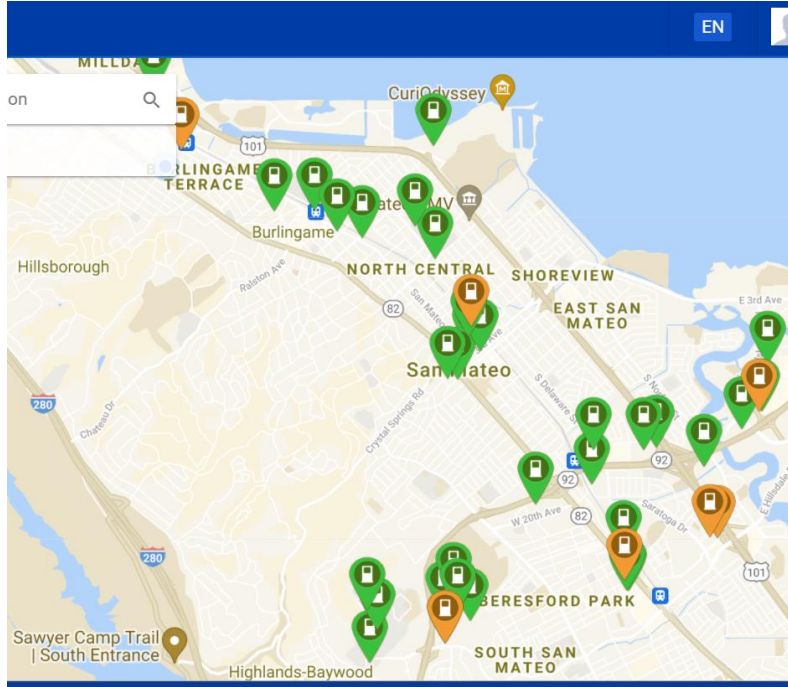
## Electric Use per Month (kWh): 2016 Baseline vs Jan 2020 to Apr 2021

Main Library, MLK Center, Joinville Pool, City Hall, Police Dept, Senior Center, Golf, Beresford Rec, Lakeshore Preschool,  
Corporate Yard, Garages, Parks





# Clean Transportation Fuels



- DMV data shows that electric vehicles and hybrid plug-in vehicles are trending upward
- There are ~130 charging ports available to the public

# Clean Transportation Fuels

- Staff applied for funding for EV chargers at Downtown public garages
- The City operates a fleet of 232 vehicles. Currently 59 of these vehicles are alternative fuel vehicles.

***City Fleet by Fuel Type***

Fuel Type	# of Vehicles
Hybrid (Gas/Electric)	25
CNG	19
Electric	14
Bi-fuel (CNG/Gas)	1

# Solid Waste

- Staff continue to prioritize increasing composting in multifamily buildings.
- City Council adopted the Disposable Food Service Ware Ordinance and staff launched the “Quit the Cutlery” pledge campaign.



# Thank You

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