



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

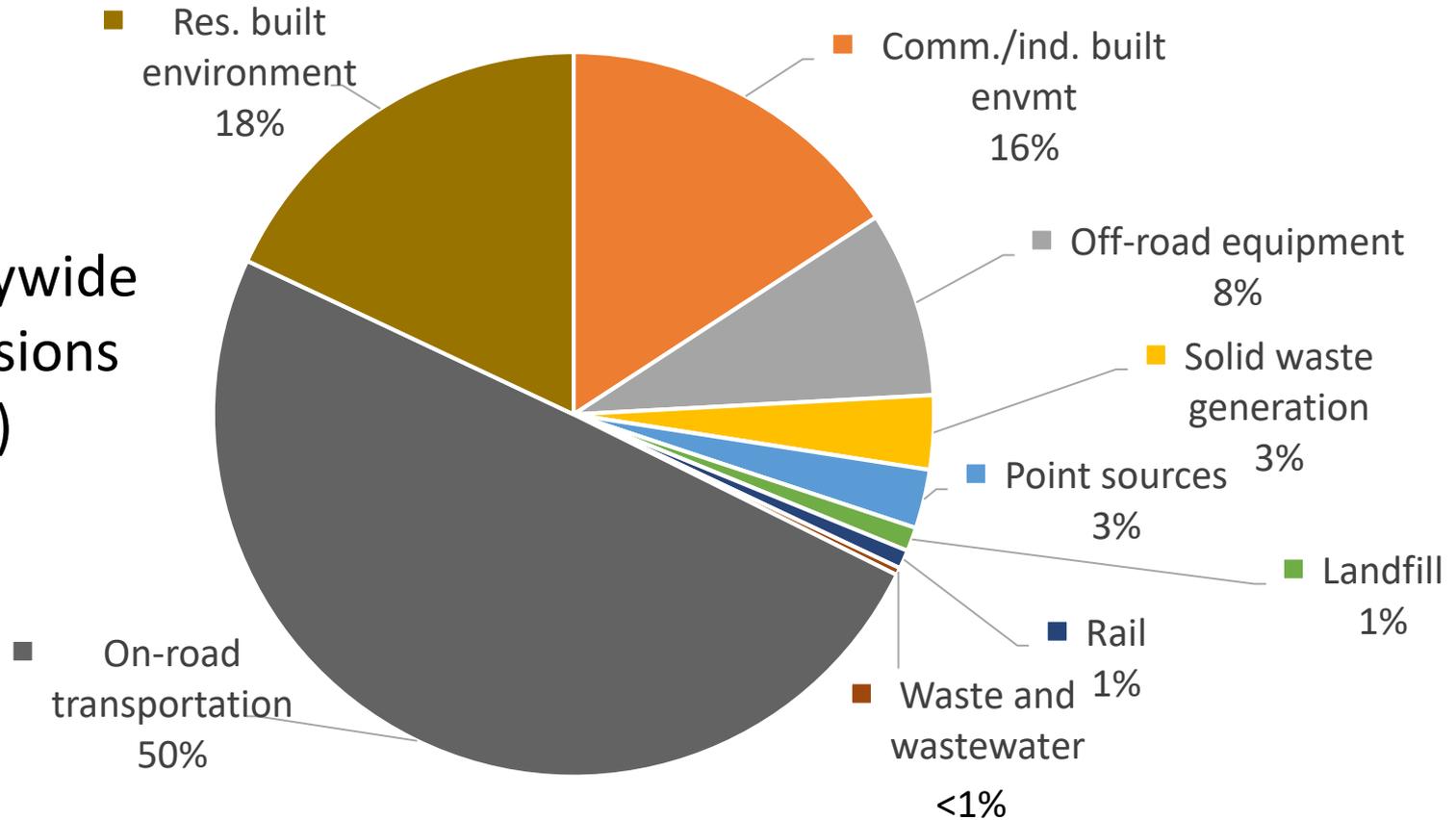
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SAN MATEO



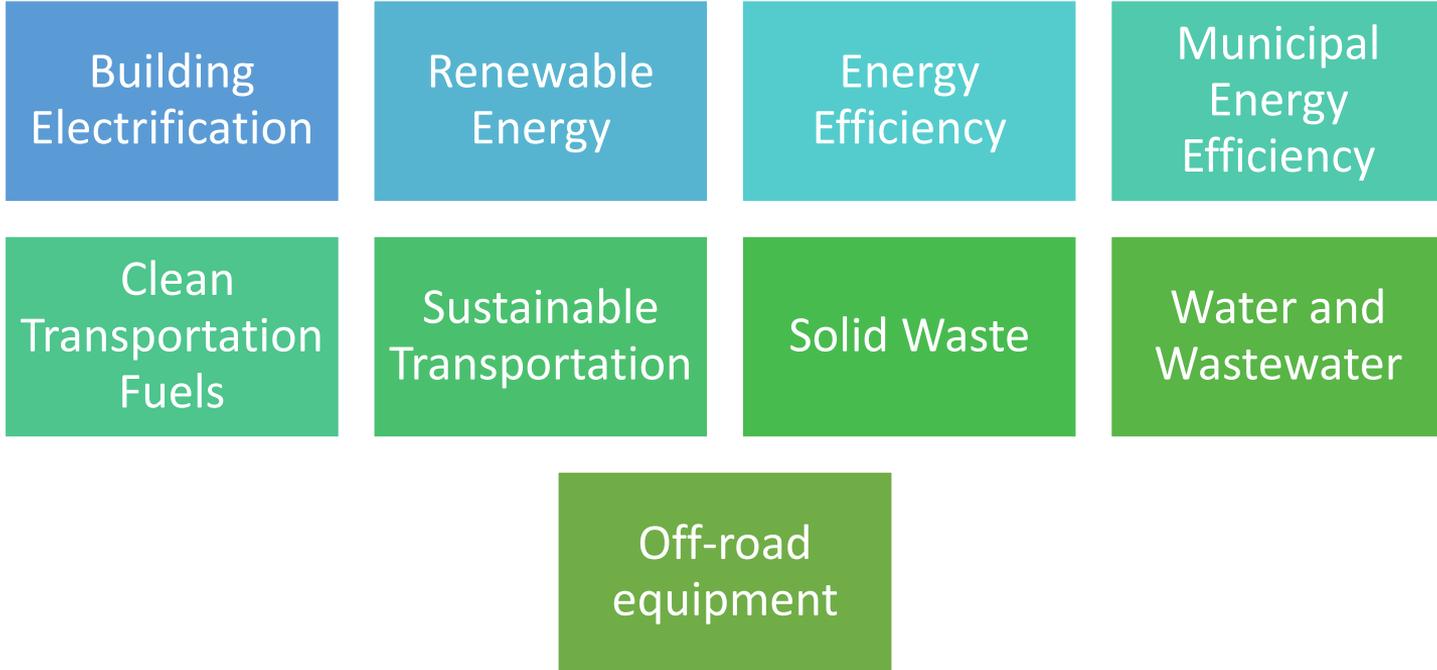
2020 CLIMATE ACTION PLAN



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

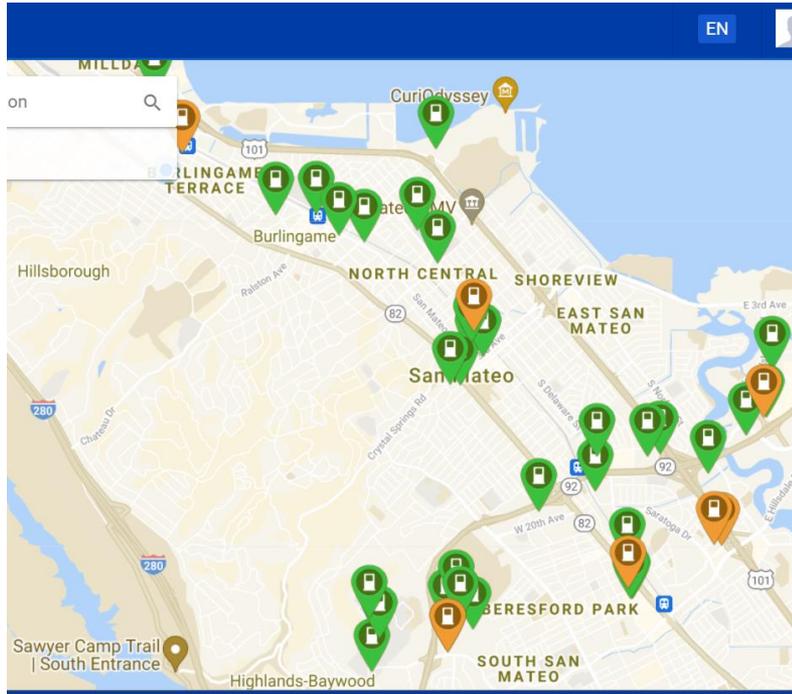


Electric Use per Month (kWh): 2016 Baseline vs Jan 2020 to Apr 2021

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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