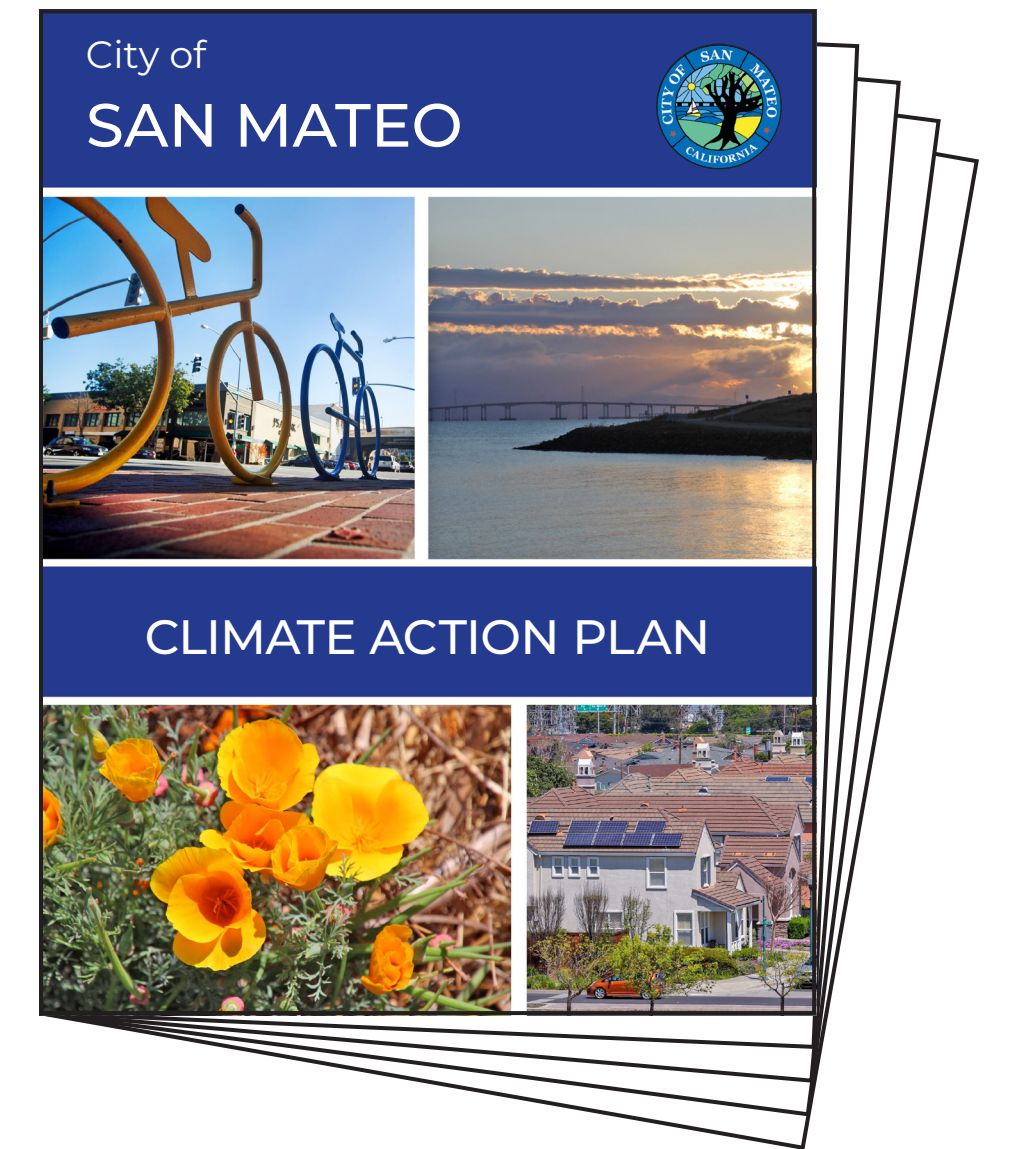


Sustainability is a theme woven throughout the General Plan and resiliency and environmental sustainability was identified early on as part of the Vision and Values for the General Plan 2040. In the vision statement, San Mateo is committed to being a leader in environmental sustainability. The Land Use Element operationalizes this value with the **Sustainability and Climate Change Goal LU-10** that seeks to make San Mateo strong and resilient by acting boldly to significantly reduce greenhouse gas emissions and adapt to climate change. The policies and actions address impacts of climate change through the implementation of the Climate Action Plan with a focus on decarbonizing existing buildings, building resilience in critical facilities and public infrastructure, and clean fuel infrastructure.

Climate Action Plan 2023 Technical Update

The City of San Mateo has had a longstanding commitment to climate action with the City's first Climate Action Plan adopted in 2015. In April 2020, the City updated the Climate Action Plan establishing a strategic pathway and implementation plan to reduce communitywide greenhouse gas emissions. The Climate Action Plan contains implementation measures in the following categories: on-road transportation, commercial and industrial built environment, residential built environment, off-road equipment, solid waste generation, point sources, landfill, rail, and water and wastewater.

The City completed the Climate Action Plan 2023 Technical Update to stay aligned and consistent with the 2040 General Plan update. The Climate Action Plan 2023 Technical Update establishes ambitious targets for 2030 and 2045 in alignment with the state's climate goals.



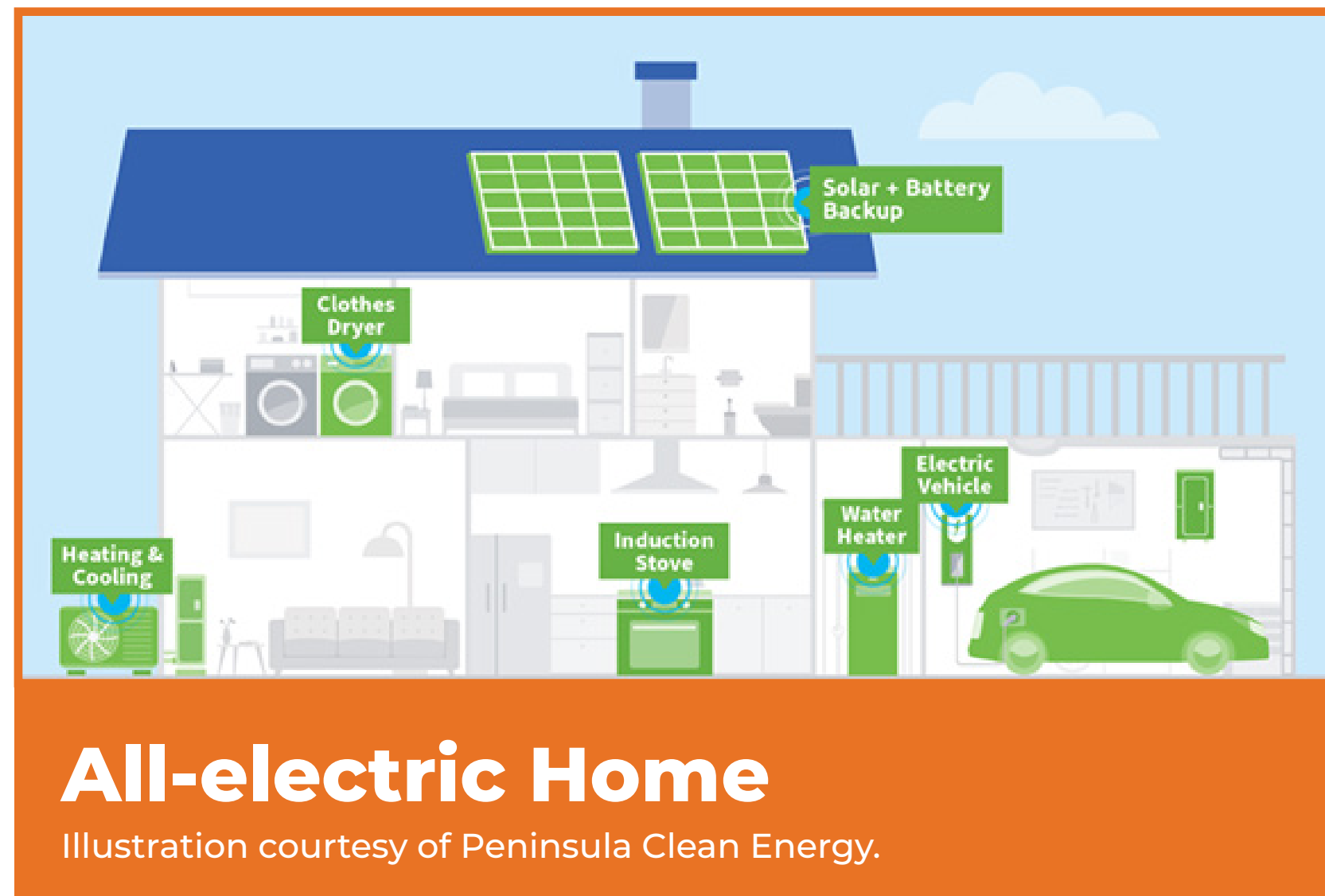
ELECTRIFY SAN MATEO

Building for the Future:

City of San Mateo
Sustainable Buildings
Strategy.

What is building electrification?

Building electrification refers to the transition from gas equipment to electric equipment for space and water heating, clothes drying, cooking and more. Phasing out the use of fossil gas (also known as natural gas) in buildings is extremely important because fossil gas is a fossil fuel that is primarily composed of methane. Fossil gas contributes emissions with a very high global warming potential. There are also health and safety concerns associated with the use of fossil gas in homes. In contrast, the City's electricity provider, Peninsula Clean Energy, supplies virtually 100% carbon free electricity to the community.



There are many benefits to electric buildings:



Greenhouse gas emission reductions

San Mateo's 2019 greenhouse gas emissions inventory showed that 85% of building energy emissions can be attributed to fossil gas. There is a huge opportunity to reduce emissions from buildings by reducing our reliance on fossil gas.



Health

Electric appliances result in improved air pollution. Gas stoves inside homes increase children's asthma risk by 42%.



Resilience & Safety

Electric appliances eliminate the risk of carbon monoxide poisoning. Induction ranges also automatically turn off when not in use, eliminating the leading cause of house fires.

Project Timeline

Summer 2023

- Development of Equity + Effectiveness Criteria
- Identify range of feasible policy options
- Building Inventory and Market Segmentation Analysis

Fall 2023

- Phase 1: Community Outreach: Effectiveness + Equity Criteria Feedback
- Results of building inventory and market segmentation
- Draft prioritized policies list

Winter 2023-24

- Incorporation of community feedback for equity and effectiveness criteria
- Draft policies & pathways list- Community feedback

Spring 2024

- Phase 2: Outreach: Community feedback on policies & pathways
- Incorporation of community feedback in prioritized policy list
- Drafting of pathway

Summer 2024

- Public review of draft strategy

More information:

Email: sustainability@cityofsanmateo.org

CityofSanMateo.org/709/Sustainability



Community members play a critical role in shaping our equity and effectiveness criteria, which will be used to select building electrification policies for upgrading the buildings where San Mateans live, work, and play, from gas to carbon-free electricity. Learn more on the project website:

CityofSanMateo.org/4730/Electrify-San-Mateo

