



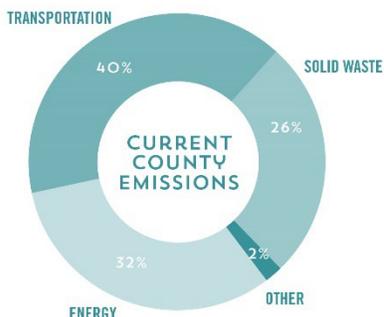
# 2022 COMMUNITY CLIMATE ACTION PLAN

The Community Climate Action Plan (CCAP) outlines priority actions to achieve its climate goals. By reaching these goals, San Mateo County will demonstrate leadership in climate action and keep pace with the rate of action needed to mitigate the harmful impacts of climate change that our community members are already experiencing, such as heat waves, wildfire, coastal flooding, and reduced water supply.

## GOALS

To achieve the County's target of 45% emissions reduction by 2030 and carbon neutrality by 2040, San Mateo County will need to implement a suite of policies, programs, and activities that simultaneously address the numerous challenges our community face.

The challenge ahead is not just about the fuel that powers our homes, it is about the quality of our communities and our built and natural environments. It is about people living dignified lives. Inherent in this challenge is also an opportunity to improve public health, access to livable wage career opportunities, neighborhood connectivity and resilience to power shutoffs, and support a vibrant agricultural community.



**GOAL:**  
45% REDUCTION  
OVER 1990 LEVELS  
BY 2030

### KEY STRATEGIES

- ENERGY**  
Electrify 16% of buildings by 2030
- TRANSPORTATION**  
Increase percentage of zero emission passenger vehicles to 18% by 2030
- SOLID WASTE**  
Achieve a 75% reduction of organics in the waste stream by 2030

## FOCUS AREAS



### Building Energy

The methane, or "natural gas," we use to cook and heat our homes is a major contributor to climate change, and it can lead to toxic levels of indoor air pollution.



### Transportation

Gasoline powered vehicles traveling within the County are the largest source of carbon emissions in the County's unincorporated areas.



### Waste

Organic material such as kitchen scraps and yard waste emits large amounts of methane, a potent greenhouse gas, in the landfill.



### Working Lands

Climate beneficial agricultural practices such as compost application can help sequester carbon and bring other ecosystem-wide benefits.

## EQUITY

San Mateo County recognizes the inextricable link between racial equity and climate change. Climate change most threatens those who are least responsible for causing climate change. The County's strategy to reduce emissions put historically underserved communities at the center of its decision making. The County aimed to prioritize racial equity in the planning process and in all actions through:

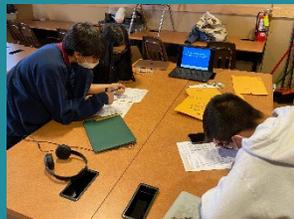
- Inclusive community engagement
- Targeted stakeholder consultation, partnership with local community-based organizations
- Iterative equity evaluation of proposed measures

# ENGAGEMENT HIGHLIGHTS

## ENGAGEMENT BY THE NUMBERS

<b>60</b> 	<b>200</b> 	<b>400+</b> 	<b>70+</b> 
People engaged at pop-up events	Survey responses	Public workshop attendees	Interviews and briefings

During the final phase of public engagement in April, staff partnered with the St. Francis Center in North Fair Oaks where we partnered with a class of middle school students. We provided in-class lessons about climate change and the CCAP and trained them to administer surveys to their families and neighbors about key action areas of the plan. Over the course of three weeks, students gathered over 100 surveys. Staff will use the results of this survey to inform the implementation phase of the plan.



To solicit public feedback, County staff hosted five pop-up events and received over 200 survey responses administered in English, Spanish, and Chinese. Due to the pandemic, staff began hosting virtual workshops and focus groups where staff collaborated with community-based organizations to engage over 500 community leaders and residents.



A significant aspect of outreach involved over 70 one-on-one interviews and briefings with internal County stakeholders, technical experts, community leaders, staff from other cities, counties, and State agencies, ranchers, farmers, and other agricultural stakeholders.

## STRATEGIES

<div style="border: 2px solid #008080; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="color: white; font-weight: bold; font-size: 1.2em;">2021</span> </div> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Energy</p> <p style="text-align: center;">Electrify 100% of newly constructed buildings</p>	<div style="border: 2px solid #008080; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="color: white; font-weight: bold; font-size: 1.2em;">2025</span> </div> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Waste</p> <p style="text-align: center;">18% reduction in organics in the waste stream by implementing SB 1383</p>	<div style="border: 2px solid #008080; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="color: white; font-weight: bold; font-size: 1.2em;">2030</span> </div> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Energy</p> <p style="text-align: center;">Electrify 16% of existing buildings</p> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Transportation</p> <p style="text-align: center;">Increase to 18% zero-emission vehicle adoption</p> <p style="text-align: center;">Construct 90 miles of additional bike lanes</p> <p style="text-align: center;">Reduce by 3% vehicle miles traveled</p> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Working Lands</p> <p style="text-align: center;">Sequester 39,000 MTCO<sub>2</sub>e of carbon in soils and vegetation</p>	<div style="border: 2px solid #008080; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="color: white; font-weight: bold; font-size: 1.2em;">2040</span> </div> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Energy</p> <p style="text-align: center;">Electrify 100% of existing buildings</p> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Transportation</p> <p style="text-align: center;">Increase to 100% zero-emission vehicle and equipment adoption</p> <p style="text-align: center; color: #008080; font-weight: bold; margin-top: 10px;">Working Lands</p> <p style="text-align: center;">Support farmers and ranchers in improving resilience to climate change impacts; improve water quality and soil health; enhance and increase habitat for pollinators and wildlife</p>
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