

2020 Government Operations Climate Action Plan

Pathway to Carbon Neutrality



A Vision for a Carbon Neutral County



All-Electric Half Moon Bay Library



Department of Public Works staff testing a hybrid vehicle's battery



Electric bicycles for County Parks



Solar powered trash compactor at County Center

2020 Government Operations Climate Action Plan

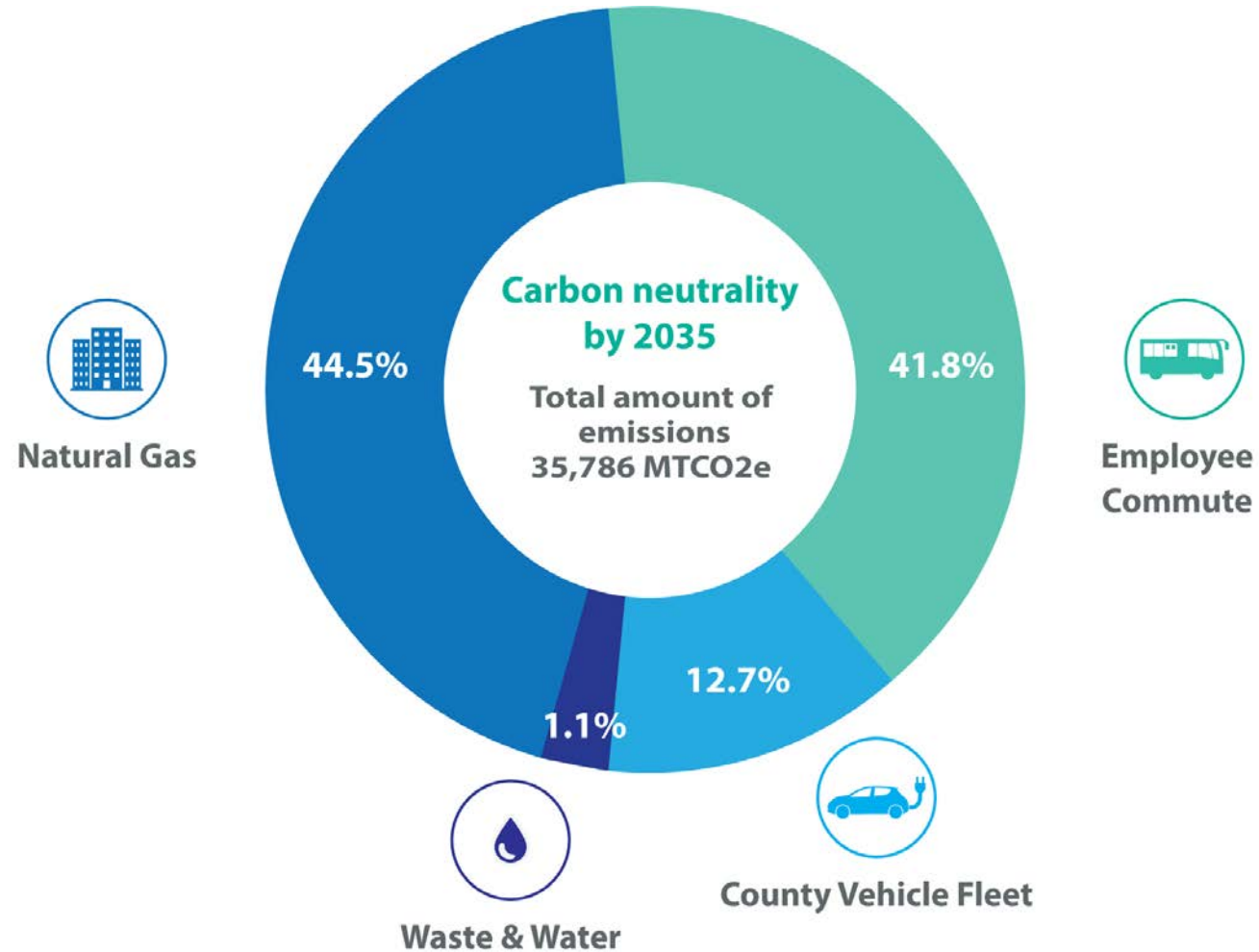


Working Together to Solve for Tomorrow



2017 Emissions from County Operations

Greenhouse gas (GHG) emissions sources from County of San Mateo government operations



Critical Path to Reach Carbon Neutrality

Energy and Water

Goals: Electrify 100% of County Buildings;
Reduce Water Consumption by 30%



Prohibit the installation of new natural gas equipment in County-owned buildings



Install smart water meters across County facilities

Critical Path to Reach Carbon Neutrality

Transportation

Goals: Shift 95% of employee commutes to cleaner alternatives (electric vehicles, public transit, bicycle, and telework);
Electrify 100% of County Fleet Vehicles



Adopt an electric vehicle (EV) first policy to purchase electric vehicles instead of gas-powered vehicles, where feasible



Develop a robust teleworking program for County employees and expand programs to support low carbon commutes

Critical Path to Reach Carbon Neutrality

Waste Reduction and Materials Management Goal: Achieve Zero Waste at County Facilities



Provide **composting** and **recycling collection services** at all County facilities



Remove **disposable food serviceware** from County facilities

Critical Path to Reach Carbon Neutrality

Carbon Sequestration

Goal: Sequester 14% of remaining carbon



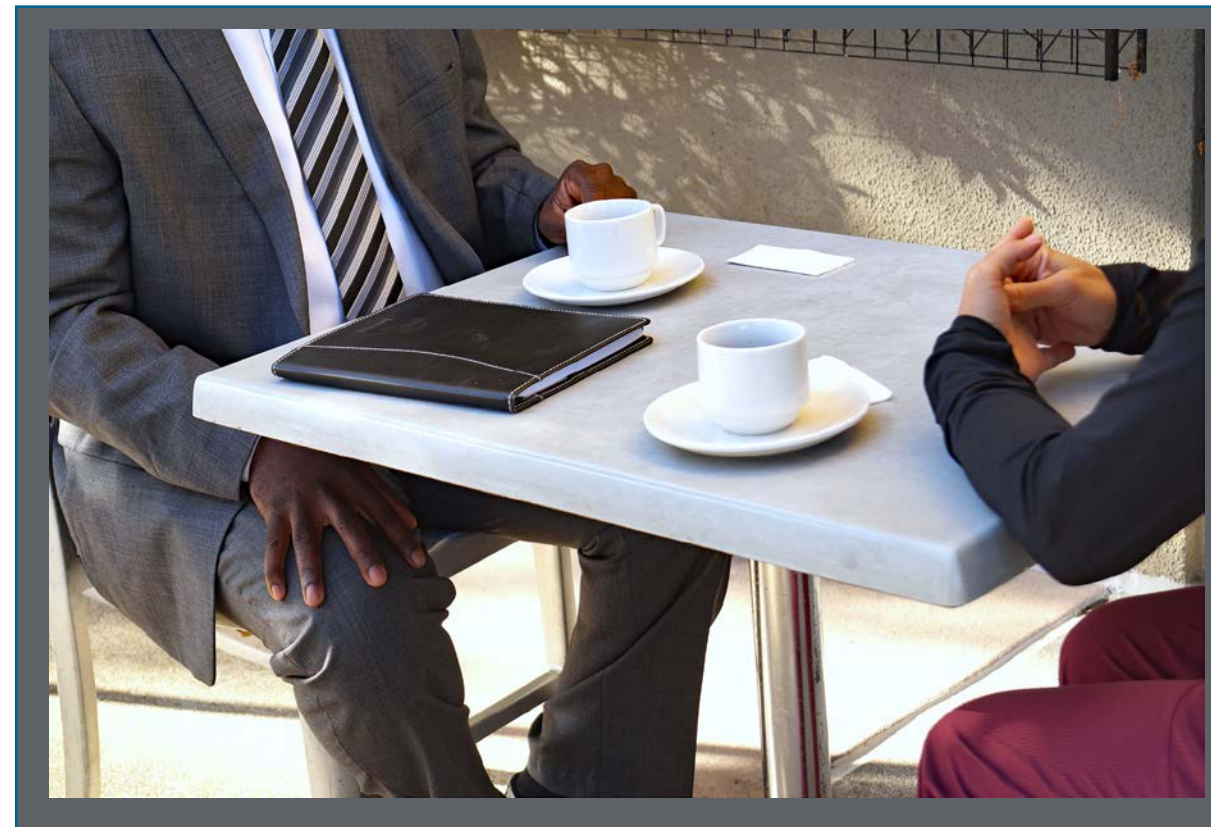
Apply compost on County landscaping to eliminate application of synthetic fertilizers



Analyze carbon sequestration strategies for County Parks to identify sequestration potential

Springing into Action – Projects for FY 2021-2022

- Develop an electrification plan for the County's building portfolio
- Redesign the employee commute alternative program
- Install EV chargers across County facilities



Recommendation

Adopt the County of San Mateo 2020 Government Operations
Climate Action Plan: Pathway to Carbon Neutrality

Thank You

