



# ANNUAL MONITORING REPORT 2019

## Climate Action Plan Appendix



### BUILT ENVIRONMENT & TRANSPORTATION

STRATEGY	CAP MEASURE	2019 STATUS	2020 TARGET	2030 TARGET	2020 IMPLEMENTATION STATUS
<b>T-1 Reduce Vehicle Miles Traveled (VMT)</b>	T-1.1 Acquire Open Space Conservation Land	<b>4,897 Acres Acquired (6,237 MTCO<sub>2</sub>e)</b>	2,622 Acres (3,303 MTCO <sub>2</sub> e)	6,992 Acres (5,771 MTCO <sub>2</sub> e)	On Track
	T-1.2 Acquire Agricultural Easements	<b>1,185 Acres Easements (761 MTCO<sub>2</sub>e)</b>	443 Acres (323 MTCO <sub>2</sub> e)	4,873 Acres (2,330 MTCO <sub>2</sub> e)	On Track
	T-1.3 Update Community Plans	<b>Alpine and Valley Center Plans in Development</b>	N/A	15 Plans Updated (20,923 MTCO <sub>2</sub> e)	In Progress
<b>T-2 Shift Towards Alternative Modes of Transportation</b>	T-2.1 Improve Roadway Segments as Multi-Modal	<b>Ongoing</b>	N/A	700 Centerline Miles (604 MTCO <sub>2</sub> e)	In Progress
	T-2.2 Reduce Emissions from New Non-Residential Development VMT	<b>Ordinance in Development</b>	Adopt and Implement a Transportation Demand Ordinance	15% New Non-Residential VMT Reduction (2,180 MTCO <sub>2</sub> e)	In Progress
	T-2.3 Reduce County Employee VMT	<b>Program in Development</b>	N/A	20% Employee VMT Reduction (7,473 MTCO <sub>2</sub> e)	In Progress
	T-2.4 Shared and Reduced Parking in New Non-Residential Development	<b>Ordinance in Development</b>	Adopt and Implement a Shared and Reduced Parking Ordinance	10% New Non-Residential VMT Reduction (1,392 MTCO <sub>2</sub> e)	In Progress
<b>T-3 Decarbonize On-Road and Off-Road Vehicle Fleet</b>	T-3.2 Use Alternative Fuels in County Projects	<b>Ongoing</b>	N/A	100% Alternative Fuels in County Construction (364 MTCO <sub>2</sub> e)	In Progress
	T-3.3 Develop a Local Vehicle Retirement Program	<b>Program in Development</b>	Implement a Local Vehicle Retirement Program	1,600 Vehicles Retired (446 MTCO <sub>2</sub> e)	In Progress
	T-3.4 Reduce the County's Fleet Emissions	<b>13% Emissions Reduction (3,370 MTCO<sub>2</sub>e)</b>	10% Emissions Reduction (2,394 MTCO <sub>2</sub> e)	20% Emissions Reduction (3,673 MTCO <sub>2</sub> e)	On Track
	T-3.5 Install Electric Vehicle Charging Stations	<b>Program in Development; EV Roadmap approved 10/2019</b>	Adopt and Implement a Program to Install EV Charging Stations	Install 2,040 Level 2 EV Charging Stations (11,987 MTCO <sub>2</sub> e)	In Progress
	<b>T-4 Invest in Local Projects to Reduce Carbon Emissions</b>	T-4.1 Establish a Local Direct Investment Program (LDI)	<b>Program in Development</b>	Implement an LDI Program	Complete Implementation of LDI Program (176,614 MTCO <sub>2</sub> e)

**ON TRACK** = met 2020 target or exceeded 2020 target **IN PROGRESS** = 2020 target not met yet, no 2020 target, or under development **MONITORING** = not performing as expected

► Find a detailed description of each CAP measure, target, and implementation approach at [sandiegocounty.gov/sustainability/dashboard](https://sandiegocounty.gov/sustainability/dashboard)

	STRATEGY	CAP MEASURE	2019 STATUS	2020 TARGET	2030 TARGET	2020 IMPLEMENTATION STATUS
ENERGY	E-1 Increase Building Energy Efficiency	E-1.2 Use Alternatively Powered Water Heaters in Residential Development	<b>Ordinance and Subsidy Program in Development</b>	Amend County Building Code to Require Efficient Water Heaters	Apply Ordinance and Subsidy Program (21,018 MTCO <sub>2</sub> e)	In Progress
		E-1.4 Reduce Energy Use Intensity at County Facilities	<b>23% Reduction (10,413 MTCO<sub>2</sub>e)</b>	10% Reduction (6,486 MTCO <sub>2</sub> e)	20% Reduction (10,702 MTCO <sub>2</sub> e)	On Track
	E-2 Increase Renewable Energy Use	E-2.1 Increase Electricity to 90% Renewable	<b>Program in Development; Community Choice Energy Ordinance adopted 10/2019</b>	Develop a Renewable Energy Program by 2025	90% Renewable Energy (255,991 MTCO <sub>2</sub> e)	In Progress
		E-2.3 Install Solar Photovoltaics in Existing Homes	<b>48,547 Homes (106,331 MTCO<sub>2</sub>e)</b>	52,273 Homes (114,571 MTCO <sub>2</sub> e)	130,175 Homes (260,322 MTCO <sub>2</sub> e)	In Progress
		E-2.4 Increase Use of On-Site Renewable Electricity Generation for County Operations	<b>6.2% Renewable (2,057 MTCO<sub>2</sub>e)</b>	10% Renewable (4,083 MTCO <sub>2</sub> e)	20% Renewable (5,417 MTCO <sub>2</sub> e)	In Progress
SOLID WASTE	SW-1 Increase Solid Waste Diversion	SW-1.1 Increase Solid Waste Diversion in the Unincorporated County	<b>Ordinance in Development</b>	Adopt an Organics Ordinance by 2021	80% of Solid Waste Diverted (79,052 MTCO <sub>2</sub> e)	In Progress
	WATER & WASTE WATER	W-1 Reduce Potable Water Consumption	W-1.1 Increase Water Efficiency in New Residential Development	<b>Ordinance in Development</b>	Amend County Building Code to Require Efficient Fixtures and Appliances	Apply Ordinance (87 MTCO <sub>2</sub> e)
W-1.2 Reduce Outdoor Water Use			<b>Ordinance in Development</b>	Amend County Landscape Ordinance to Require 40% Reduction in Outdoor Water Use	40% Reduction (17,535 MTCO <sub>2</sub> e)	In Progress
W-1.3 Reduce Potable Water Consumption at County Facilities		<b>15.5% Reduction (219 MTCO<sub>2</sub>e)</b>	15% Reduction (244 MTCO <sub>2</sub> e)	20% Reduction (276 MTCO <sub>2</sub> e)	On Track	
W-2 Increase Rainwater Use		W-2.1 Increase Rain Barrel Installations	<b>7,795 Rain Barrels (64 MTCO<sub>2</sub>e)</b>	1,200 Rain Barrels (10 MTCO <sub>2</sub> e)	3,200 Rain Barrels (23 MTCO <sub>2</sub> e)	On Track
AGRICULTURE & CONSERVATION	A-1 Support Conversion of Agricultural Equipment to Alternative Fuels	A-1.1 Convert Farm Equipment to Electric	<b>Program in Development</b>	N/A	8% Converted (6,737 MTCO <sub>2</sub> e)	In Progress
		A-1.2 Convert Stationary Irrigation Pumps to Electric	<b>0 Converted (0 MTCO<sub>2</sub>e)</b>	4 Converted (295 MTCO <sub>2</sub> e)	44 Converted (3,249 MTCO <sub>2</sub> e)	Monitoring
	A-2 Increase Carbon Sequestration	A-2.1 Increase Residential Tree Planting	<b>Ordinance in Development</b>	Amend County Landscaping Ordinance to Require Two Trees Per New Residence	35,146 Trees (1,244 MTCO <sub>2</sub> e)	In Progress
		A-2.2 Increase County Tree Planting	<b>17,591 Trees (623 MTCO<sub>2</sub>e)</b>	14,000 Trees (496 MTCO <sub>2</sub> e)	49,000 Trees (1,735 MTCO <sub>2</sub> e)	On Track
<b>EMISSIONS REDUCTION TOTALS</b>			<b>130,075 MTCO<sub>2</sub>e 2019</b>	<b>132,205 MTCO<sub>2</sub>e 2020 Target</b>	<b>897,145 MTCO<sub>2</sub>e 2030 Target</b>	