



2020 REPORT ON CLIMATE ACTION PLAN PROGRESS

2018 Climate Action Plan Appendix



BUILT ENVIRONMENT & TRANSPORTATION

STRATEGY	CAP MEASURE	2020 STATUS	2020 TARGET	2030 TARGET	IMPLEMENTATION STATUS
T-1 Reduce Vehicle Miles Traveled (VMT)	T-1.1 Acquire Open Space Conservation Land	5,559 Acres Acquired (7,080 MTCO₂e)	2,622 Acres (3,303 MTCO ₂ e)	6,992 Acres (5,771 MTCO ₂ e)	On Track
	T-1.2 Acquire Agricultural Easements	1,257 Acres Easements (917 MTCO₂e)	443 Acres (323 MTCO ₂ e)	4,873 Acres (2,330 MTCO ₂ e)	On Track
	T-1.3 Update Community Plans	Alpine and Valley Center Plans in Development	N/A	15 Plans Updated (20,923 MTCO ₂ e)	In Progress
T-2 Shift Towards Alternative Modes of Transportation	T-2.1 Improve Roadway Segments as Multi-Modal	Ongoing	N/A	700 Centerline Miles (604 MTCO ₂ e)	In Progress
	T-2.2 Reduce Emissions from New Non-Residential Development VMT	Ordinance in Development	Adopt and Implement a Transportation Demand Ordinance	15% New Non-Residential VMT Reduction (2,180 MTCO ₂ e)	In Progress
	T-2.3 Reduce County Employee VMT	Program in Development	N/A	20% Employee VMT Reduction (7,473 MTCO ₂ e)	In Progress
	T-2.4 Shared and Reduced Parking in New Non-Residential Development	Ordinance in Development	Adopt and Implement a Shared and Reduced Parking Ordinance	10% New Non-Residential VMT Reduction (1,392 MTCO ₂ e)	In Progress
T-3 Decarbonize On-Road and Off-Road Vehicle Fleet	T-3.2 Use Alternative Fuels in County Projects	Ongoing	N/A	100% Alternative Fuels in County Construction (364 MTCO ₂ e)	In Progress
	T-3.3 Develop a Local Vehicle Retirement Program	Program in Development	Implement a Local Vehicle Retirement Program	1,600 Vehicles Retired (446 MTCO ₂ e)	In Progress
	T-3.4 Reduce the County's Fleet Emissions	19% Emissions Reduction (4,870 MTCO₂e)	10% Emissions Reduction (2,394 MTCO ₂ e)	20% Emissions Reduction (3,673 MTCO ₂ e)	On Track
	T-3.5 Install Electric Vehicle Charging Stations	Program in Development	Adopt and Implement a Program to Install EV Charging Stations	Install 2,040 Level 2 EV Charging Stations (11,987 MTCO ₂ e)	In Progress
	T-4 Invest in Local Projects to Reduce Carbon Emissions				
	T-4.1 Establish a Local Direct Investment (LDI) Program	Program in Development	Implement an LDI Program	Complete Implementation of LDI Program (176,614 MTCO ₂ e)	In Progress

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

STRATEGY		CAP MEASURE	2020 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	Program in Development	Amend County Building Code to Require Efficient Water Heaters	Apply Ordinance and Subsidy Program (21,018 MTCO ₂ e)	In Progress
		E-1.4 Reduce Energy Use Intensity at County Facilities	36% Reduction (17,510 MTCO ₂ e)	10% Reduction (6,486 MTCO ₂ e)	20% Reduction (10,702 MTCO ₂ e)	On Track
	E-2 Increase Renewable Energy Use	E-2.1 Increase Renewable Electricity	Program in Development	Develop a Renewable Energy Program by 2025	90% Renewable Energy (255,991 MTCO ₂ e)	In Progress
		E-2.3 Install Solar Photovoltaics in Existing Homes	56,862 Homes (125,271 MTCO ₂ e)	52,273 Homes (114,571 MTCO ₂ e)	130,175 Homes (260,322 MTCO ₂ e)	On Track
		E-2.4 Increase Use of On-Site Renewable Electricity Generation for County Operations	12.8% Renewable (3,715 MTCO ₂ e)	10% Renewable (4,083 MTCO ₂ e)	20% Renewable (5,417 MTCO ₂ e)	On Track
SOLID WASTE	SW-1 Increase Solid Waste Diversion	SW-1.1 Increase Solid Waste Diversion in the Unincorporated County	Ordinance in Development	Adopt an Organics Ordinance by 2021	80% of Solid Waste Diverted (79,052 MTCO ₂ e)	In Progress
	W-1 Reduce Potable Water Consumption	W-1.1 Increase Water Efficiency in New Residential Development	Ordinance Adopted in 2020	Amend County Building Code to Require Efficient Fixtures and Appliances	Apply Ordinance (87 MTCO ₂ e)	In Progress
W-1.2 Reduce Outdoor Water Use		Ordinance Adopted in 2020	Amend County Landscape Ordinance to Require 40% Reduction in Outdoor Water Use	40% Reduction (17,535 MTCO ₂ e)	In Progress	
W-1.3 Reduce Potable Water Consumption at County Facilities		39% Reduction (520 MTCO ₂ e)	15% Reduction (244 MTCO ₂ e)	20% Reduction (276 MTCO ₂ e)	On Track	
W-2 Increase Rainwater Use	W-2.1 Increase Rain Barrel Installations	8,828 Rain Barrels (71 MTCO ₂ e)	1,200 Rain Barrels (10 MTCO ₂ e)	3,200 Rain Barrels (23 MTCO ₂ e)	On Track	
	A-1 Support Conversion of Agricultural Equipment to Alternative Fuels	A-1.1 Convert Farm Equipment to Electric	Program in Development	N/A	8% Converted (6,737 MTCO ₂ e)	In Progress
A-1.2 Convert Stationary Irrigation Pumps to Electric		0 Converted (0 MTCO ₂ e)	4 Converted (295 MTCO ₂ e)	44 Converted (3,249 MTCO ₂ e)	Monitoring	
A-2 Increase Carbon Sequestration	A-2.1 Increase Residential Tree Planting	Ordinance Adopted in 2020	Amend County Landscaping Ordinance to Require Two Trees Per New Residence	35,146 Trees (1,244 MTCO ₂ e)	In Progress	
	A-2.2 Increase County Tree Planting	22,820 Trees (789 MTCO ₂ e)	14,000 Trees (496 MTCO ₂ e)	49,000 Trees (1,735 MTCO ₂ e)	On Track	
EMISSIONS REDUCTION TOTALS			160,743 MTCO ₂ e 2020	132,205 MTCO ₂ e 2020 Target	897,145 MTCO ₂ e 2030 Target	