



2021 REPORT ON CLIMATE ACTION PLAN PROGRESS

2018 Climate Action Plan Appendix



BUILT ENVIRONMENT & TRANSPORTATION

STRATEGY	CAP MEASURE	2020 TARGET	2021 STATUS	2030 TARGET	IMPLEMENTATION STATUS
T-1 Reduce Vehicle Miles Traveled (VMT)	T-1.1 Acquire Open Space Conservation Land	2,622 Acres Acquired (3,303 MTCO ₂ e)	7,744 Acres* (8,815 MTCO ₂ e) [2,185 Acres in 2021]	6,992 Acres (5,771 MTCO ₂ e)	On Track
	T-1.2 Acquire Agricultural Easements	443 Acres Easements (323 MTCO ₂ e)	1,652 Acres* (1,121 MTCO ₂ e) [395 Acres in 2021]	4,873 Acres (2,330 MTCO ₂ e)	On Track
	T-1.3 Update Community Plans	N/A	Alpine, Valley Center, Twin Oaks, and Valle de Oro plans in Development*	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	N/A	345 Bike Lane Miles, 214 Intersection Improvements* (60~ MTCO₂e) [86 Bike Lane Miles, 48 Intersection Improvements in 2021]	700 Bike Lane Miles, 250 Intersection Improvements (604 MTCO ₂ e)	In Progress
	T-2.2 Reduce Emissions from New Non-Residential Development VMT	Adopt and Implement a Transportation Demand Ordinance	In Development*	15% New Non-Residential VMT Reduction (2,180 MTCO ₂ e)	In Progress
	T-2.3 Reduce County Employee VMT	N/A	29.7% Reduction in 2021 (13,554 MTCO₂e)	20% Employee VMT Reduction (7,473 MTCO ₂ e)	On Track
	T-2.4 Shared and Reduced Parking in New Non-Residential Development	Adopt and Implement a Shared and Reduced Parking Ordinance	In Development*	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	N/A	Ongoing (See T-3.4 for MTCO₂e)	100% Alternative Fuels in County Construction (364 MTCO ₂ e)	In Progress
	T-3.3 Develop a Local Vehicle Retirement Program	Implement a Local Vehicle Retirement Program	4 Vehicles Retired* (12 MTCO₂e) [4 Vehicles Retired in 2021]	1,600 Vehicles Retired (446 MTCO ₂ e)	In Progress
	T-3.4 Reduce the County's Fleet Emissions	10% Emissions Reduction (2,394 MTCO ₂ e)	16% Reduction in 2021 (4,006 MTCO₂e)	20% Emissions Reduction (3,673 MTCO ₂ e)	On Track
	T-3.5 Install Electric Vehicle Charging Stations	Adopt and Implement a Program to Install EV Charging Stations	43 Level 2 and 2 Fast EV Chargers Installed at County Facilities* (371~ MTCO₂e) [6 Level 2 EV Chargers Installed in 2021]	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	Implement an LDI Program	In Development*	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 TARGET	2021 STATUS	2030 TARGET	IMPLEMENTATION STATUS
ENERGY	E-1 Increase Building Energy Efficiency	E-1.2	Use Alternatively Powered Water Heaters in Residential Development	Amend County Building Code to Require Efficient Water Heaters	In Development ⁺	Apply Ordinance and Subsidy Program (21,018 MTCO ₂ e)	In Progress
		E-1.4	Reduce Energy Use Intensity at County Facilities	10% Reduction (6,486 MTCO ₂ e)	45% Reduction in 2021 (16,830 MTCO ₂ e)	20% Reduction (10,702 MTCO ₂ e)	On Track
	E-2 Increase Renewable Energy Use	E-2.1	Increase Renewable Electricity	Develop a Renewable Energy Program by 2025	County joined San Diego Community Power ⁺	90% Renewable Energy (255,991 MTCO ₂ e)	In Progress
		E-2.3	Install Solar Photovoltaics in Existing Homes	52,273 Homes (114,571 MTCO ₂ e)	68,290 Homes* (148,257 MTCO ₂ e) [11,427 Homes in 2021]	130,175 Homes (260,322 MTCO ₂ e)	On Track
		E-2.4	Increase Use of On-Site Renewable Electricity Generation for County Operations	10% Renewable (4,083 MTCO ₂ e)	20.8% Renewable in 2021 (5,167 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	Adopt an Organics Ordinance by 2021	Ordinance in Development ⁺	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	Amend County Building Code to Require Efficient Fixtures and Appliances	Ongoing (9 ⁻ MTCO ₂ e)	Apply Ordinance (87 MTCO ₂ e)	In Progress
W-1.2		Reduce Outdoor Water Use	Amend County Landscape Ordinance to Require 40% Reduction in Outdoor Water Use	Ongoing (1,753 ⁻ MTCO ₂ e)	40% Reduction (17,535 MTCO ₂ e)	In Progress	
W-1.3		Reduce Potable Water Consumption at County Facilities	15% Reduction (244 MTCO ₂ e)	13% Reduction in 2021 (181 MTCO ₂ e)	20% Reduction (276 MTCO ₂ e)	Monitoring	
WATER & WASTE WATER	W-2 Increase Rainwater Use	W-2.1	Increase Rain Barrel Installations	1,200 Rain Barrels (10 MTCO ₂ e)	9,261 Rain Barrels* (73 MTCO ₂ e) [433 Rain Barrels in 2021]	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	N/A	Ongoing (674 ⁻ MTCO ₂ e)	8% Converted (6,737 MTCO ₂ e)	In Progress
A-1.2		Convert Stationary Irrigation Pumps to Electric	4 Converted (295 MTCO ₂ e)	0 Converted* (0 MTCO ₂ e)	44 Converted (3,249 MTCO ₂ e)	Monitoring	
AGRICULTURE & CONSERVATION	A-2 Increase Carbon Sequestration	A-2.1	Increase Residential Tree Planting	Amend County Landscaping Ordinance to Require Two Trees Per New Residence	Ongoing (124 ⁻ MTCO ₂ e)	35,146 Trees (1,244 MTCO ₂ e)	In Progress
		A-2.2	Increase County Tree Planting	14,000 Trees (496 MTCO ₂ e)	26,116 Trees* (925 MTCO ₂ e) [3,836 Trees in 2021]	49,000 Trees (1,735 MTCO ₂ e)	On Track
EMISSIONS REDUCTION TOTALS				132,205 MTCO ₂ e 2020 Target	201,932 MTCO ₂ e 2021 Status	897,145 MTCO ₂ e 2030 Target	

⁺ Indicates total cumulative progress since 2018 CAP baseline (2015-2021).

⁻ GHG emission reductions estimated from 2018 CAP Appendix C forecast.

^{*} GHG emission reductions to be updated/determined upon

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* GHG emission reductions to be updated/determined upon program development/implementation.