



2022 REPORT ON CLIMATE ACTION PLAN PROGRESS

2018 Climate Action Plan Appendix



BUILT ENVIRONMENT & TRANSPORTATION

STRATEGY	CAP MEASURE	2020 TARGET	2022 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)	8,766 acres* (9,457 MTCO ₂ e)	6,992 Acres (5,771 MTCO ₂ e)	On Track
	T-1.2 Acquire Agricultural Easements	443 Acres Easements (323 MTCO ₂ e)	2,135 acres* (1,358 MTCO ₂ e)	4,873 Acres (2,330 MTCO ₂ e)	On Track
	T-1.3 Update Community Plans	N/A	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	369 bike lane miles, 228 intersection improvements* (121~ MTCO ₂ e)	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	Program in development; 36.5M miles avoided (23.6%) through telecommuting in 2022 (10,611 MTCO ₂ e)	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	Measure to be combined with T-3.4 in CAP Update	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	20 vehicles retired* (58 MTCO ₂ e)	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)	10% emissions reduction^ (2,400 MTCO ₂ e)	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	54 Level 2 and 2 Fast EV (62 Level 2 equivalent@) chargers at County Facilities* (2,397~ MTCO ₂ e)	Install 2,040 Level 2 or equivalent@ 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	Measure to be redesigned; CAP Update will include evaluation of GHG reduction opportunities to support net zero goal in progress	Complete Implementation of LDI Program (176,614 MTCO ₂ 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

	STRATEGY	CAP MEASURE	2020 TARGET	2022 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	Evaluating modifications of measure and/or additional building electrification opportunities for inclusion in the CAP Update	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)	46% reduction [^] (16,149 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 and committed to 100% renewable energy ⁺	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)	80,821 homes* (173,912 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	10% Renewable (4,083 MTCO ₂ e)	22.5% renewable [^] (5,429 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	In development ⁺	80% of Solid Waste Diverted (79,052 MTCO ₂ e)	In Progress
WATER & WASTE WATER	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 (17 [~] 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 (3,507 [~] 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)	1% reduction [^] (29 MTCO ₂ e)	20% Reduction (276 MTCO ₂ e)	Monitoring
	W-2 Increase Rainwater Use	W-2.1 Increase Rain Barrel Installations	1,200 Rain Barrels (10 MTCO ₂ e)	10,493 rain barrels ^{**} (82 MTCO ₂ e)	3,200 Rain Barrels (23 MTCO ₂ e)	On Track
AGRICULTURE & CONSERVATION	A-1 Support Conversion of Agricultural Equipment to Alternative Fuels	A-1.1 Convert Farm Equipment to Electric	N/A	Ongoing (1,347 [~] 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 pumps* (0 MTCO ₂ e)	44 Converted (3,249 MTCO ₂ e)	Monitoring
	A-2 Increase Carbon Sequestration	A-2.1 Increase Residential Tree Planting	Amend County Landscaping Ordinance to Require Two Trees Per New Residence	Ongoing (249 [~] 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)	30,029 trees* (1,063 MTCO ₂ e)	49,000 Trees (1,735 MTCO ₂ e)	On Track	
EMISSIONS REDUCTION TOTALS			132,205 MTCO ₂ e 2020 Target	228,213 MTCO ₂ e 2022 Status	897,145 MTCO ₂ e 2030 Target	

* Indicates total cumulative progress since 2018 CAP baseline (2015-2022).

[^] Indicates progress made in 2022.

[~] GHG emission reductions estimated from 2018 CAP Appendix C forecast.

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

^o See 2022 EV Roadmap Annual Report Board Memo for definition and use of Level 2 equivalent EV charging stations.

[#] The total storage capacity of all rainwater harvesting containers has been divided by 50-gallons to achieve a Rain Barrel Equivalent (RBE) total.