



CLIMATE ACTION PROGRESS ANNUAL REPORT FOR 2024

2018 Climate Action Plan Appendix



BUILT ENVIRONMENT & TRANSPORTATION

STRATEGY	CAP MEASURE	2020 TARGET	2024 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)	10,327 acres* (10,167 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)	2,290 acres* (1,408 MTCO ₂ e)	4,873 Acres (2,330 MTCO ₂ e)	On Track
	T-1.3 Update Community Plans	N/A	Monitoring	15 Plans Updated (20,923 MTCO ₂ e)	Monitoring
T-2 Shift Towards Alternative Modes of Transportation	T-2.1 Improve Roadway Segments as Multi-Modal*	N/A	412 bike lane miles, 264 intersection improvements* (241~ 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	21.7M miles avoided through telecommuting in 2024 (6,324 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	Monitoring	10% New Non-Residential VMT Reduction (1,392 MTCO ₂ e)	Monitoring
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 MTCO ₂ e)	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	28 vehicles retired* (77 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)	0.4% emissions reduction^ (91 MTCO ₂ e)	20% Emissions Reduction (3,673 MTCO ₂ e)	Monitoring
	T-3.5 Install Electric Vehicle Charging Stations*	N/A	102 Level 2 and 11 Fast EV (148 Level 2 equivalent^@) chargers* (4,795~ 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	Monitoring	Complete Implementation of LDI Program (176,614 MTCO ₂ e)	Monitoring

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

		STRATEGY	CAP MEASURE	2020 TARGET	2024 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	Monitoring	Apply Ordinance and Subsidy Program (21,018 MTCO ₂ e)	Monitoring	
		E-1.4	Reduce Energy Use Intensity at County Facilities*	10% Reduction (6,486 MTCO ₂ e)	47% reduction^ (14,787 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 continued participation in 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)	103,407 homes* (218,545 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)	25% renewable^ (5,486 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*	N/A	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 (35~ 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 (7,014~ 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)	24% reduction^ (326 MTCO ₂ e)	20% Reduction (276 MTCO ₂ e)	On Track		
WATER & WASTE WATER	W-2 Increase Rainwater Use	W-2.1	Increase Rain Barrel Installations*	1,200 Rain Barrels (10 MTCO ₂ e)	14,708 rain barrels*# (113 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*	N/A	Ongoing (2,695~ 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	
	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 (498~ 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)	40,900 trees* (1,448 MTCO ₂ e)	49,000 Trees (1,735 MTCO ₂ e)	On Track	
EMISSIONS REDUCTION TOTALS				132,205 MTCO ₂ e 2020 Target	274,050 MTCO ₂ e 2024 Status	897,145 MTCO ₂ e 2030 Target	2	

Footnotes:

∞ Revised or expanded measure incorporated into 2024 CAP.

* Indicates total cumulative progress since 2018 CAP baseline (2015-2024).

^ Indicates progress made in 2024.

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

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

@ As described in the 2024 EV Roadmap Annual Report, a single Fast EV charger is, conservatively, equivalent to 4.2 Level 2 chargers.

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

