VINCE NICOLETTI
DIRECTOR

PLANNING & DEVELOPMENT SERVICES
5510 OVERLAND AVENUE, SUITE 210, SAN DIEGO, CA 92123
(858) 505-6445 General ▪ (858) 694-2705 Codes
(858) 565-5920 Building Services
www.SDCPDS.org

TYLER FARMER
ASSISTANT DIRECTOR

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TO: Supervisor Terra Lawson-Remer, Chair
Supervisor Monica Montgomery Steppe, Vice Chair
Supervisor Paloma Aguirre, Chair Pro Tem
Supervisor Joel Anderson
Supervisor Jim Desmond

FROM: Vince Nicoletti, Director, Planning & Development Services

COUNTY OF SAN DIEGO 2025 CLIMATE ACTION PLAN ANNUAL REPORT

Overview

The County of San Diego (County) is committed to helping communities thrive while protecting the region's unique and diverse natural resources. Planning for climate change impacts on both residents and the environment remains a key priority for the State and County. One of the County's primary tools to mitigate climate change is the 2024 Climate Action Plan (CAP), which outlines 21 measures and 70 actions designed to help the County reduce greenhouse gas (GHG) emissions and achieve net zero emissions by 2045, in alignment with State requirements. Adopted by the Board of Supervisors (Board) on September 11, 2024 (6), the CAP focuses on GHG emissions generated by County facilities and operations, as well as emissions produced within the unincorporated communities, including those associated with the built environment and transportation, energy, solid waste, water and wastewater, and agriculture and conservation. The CAP builds on prior implementation efforts under the 2018 CAP while establishing updated measures and targets to guide future emissions reductions.

This memorandum provides a first-year report on 2024 CAP implementation and integrates progress on the 2019 Electric Vehicle Roadmap (EV Roadmap) for the 2025 calendar year. In 2025, the County achieved 35% of required 2030 reductions, with 55% of CAP investments directed toward historically underinvested communities. The report summarizes the County's efforts to ensure that CAP implementation provides equitable community benefits.

In 2025, the County reduced 259,481 metric tons of GHG emissions ($MTCO_2e$) through the implementation of 35 actions with quantified GHG emission reductions. These GHG

reductions were equivalent to reducing the emissions from removing 60,525 gas-powered vehicles from the road for one year. Figure 1, "CAP Action Performance," summarizes the performance of these quantified actions in 2025 and their contribution toward the CAP's 2030 emissions reduction target. Highlights from 2025 accomplishments include:

- Reaching a total of 551 miles of sidewalks and 393 miles of bikeways installed on County roadways to encourage alternative modes of transportation and reduce vehicle miles traveled.
- Powering County facilities with electricity from 72% renewable energy in 2025.
- Achieving 69% waste diversion in County operations in 2025, progressing toward the County's zero waste (90% diversion) goal for 2030.
- Removing 276,247 square feet of turf and installed 685 rain barrels in 2025 to reduce outdoor water use.
- Preserving 624 acres of land to support long-term habitat conservation and create opportunities for restoration and carbon sequestration.

Additional implementation details are available on the CAP Dashboard website, including implementation progress on the 35 additional "Path to Net Zero" actions that do not result in quantified GHG emissions reductions but contribute to the 2045 net zero emissions goal, as well as additional equity metrics, as detailed below.

Figure 1: CAP Action Performance

CAP Action	End of Year 2025 Status	Required by 2030
T-1.1: Implement the County's 2019 Electric Vehicle Roadmap and 2023 Green Fleet Action Plan to reduce fleet emissions 35% by 2030 and 100% by 2045.	2% reduction (1,157 $MTCO_2e$)	35% reduction (7,900 $MTCO_2e$)
T-1.2: Amend Board policy to require 100% of landscaping equipment used on County property to be zero-emissions by 2030.	In development[1]	100% reduction (5 $MTCO_2e$)
T-2.1: Develop a program by 2026 to provide residents and businesses incentives to purchase alternative fuel and/or zero-emission construction and landscaping equipment to reduce emissions 3% by 2030.	In development[1]	349 units (2,072 $MTCO_2e$)
T-2.2: Develop and adopt a landscaping equipment ordinance to require the use of zero emission landscaping equipment by 2030 and zero emission construction equipment by 2045 in the unincorporated area.	In development[1]	Landscaping equipment ordinance in effect (7,638 $MTCO_2e$)

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

CAP Action	End of Year 2025 Status	Required by 2030
T-3.1: Increase the use of electric and other zero-emission vehicles in the unincorporated area by: - Installing 2,040 publicly available electric vehicle charging stations by 2028. - Requiring the electrification of loading docks and idling reduction in new commercial and industrial development by 2030. - Amending the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar electric vehicle charging infrastructure installations and preferential parking for zero-emission vehicles (ZEVs) for new multi-family residential and non-residential construction. - Developing a program by 2026 to incentivize EV purchases and school bus electrification.	1,258 publicly available charging stations (58,162 $MTCO_2e$)[2]	2,040 publicly available charging stations by 2028 (218,884 $MTCO_2e$)
T-4.1: Expand County Benefit Program by 2026 to provide County employees with tax-free transportation benefits, alternative work schedules, and expand part-time or full-time teleworking options to reduce vehicle miles traveled from employee commutes by 40% in 2030 and 64% in 2045.	23% reduction (9,120 $MTCO_2e$)	40% reduction (12,800 $MTCO_2e$)
T-4.2: Develop a rebate program by 2026 for County employees to purchase electric vehicles, bicycles, and scooters for commute use.	In development[1]	600 vehicles (903 $MTCO_2e$)
T-5.1: Implement the County's Active Transportation Plan to install 345 miles of sidewalk and 315 miles of bikeways by 2030 to encourage alternative modes of transportation in the unincorporated area.	551 miles of sidewalks 393 miles of bikeways (3,045 $MTCO_2e$)	345 miles of sidewalks 315 miles of bikeways (1,756 $MTCO_2e$)
T-5.2: Develop a countywide Safe Routes to Schools program to reduce vehicle miles traveled to schools by 1.2% by 2030.	1.2% reduction (278 $MTCO_2e$)	1.2% reduction (214 $MTCO_2e$)
T-6.1: Develop a program to provide free transit passes and/or free trips in the unincorporated area to reduce vehicle miles traveled in the unincorporated area by 1.2% by 2030.	In development[1]	100% reduction (3,051 $MTCO_2e$)

[2] *2030 CAP target considers a zero emissions vehicle registration rate in 2030 of 31% for light duty vehicles and 11% for medium and heavy-duty vehicles. The County's status for 2025 was at a rate of 7.8% for light duty vehicles and 0.3% for medium and heavy-duty vehicles, which is used to calculate GHG reductions for T-3.1.*

CAP Action	End of Year 2025 Status	Required by 2030
T-6.2 and 6.3:[3] **T-6.2:** Increase access to Transit Priority Areas by 5% in the unincorporated area and implement transit-supportive roadway treatments such as traffic signal communication and curb extensions along County-maintained roadways to optimize traffic flow for transit and pedestrians by 2030. **T-6.3:** Increase access to first/last mile transportation services and connections (e.g., neighborhood electric vehicles, microtransit, bike/scooter-share) to reduce vehicle miles traveled by 7% within the unincorporated area by 2030.	In development[1]	7% reduction in VMT (13,609 $MTCO_2e$)
E-1.1: Implement the County Facilities Zero Carbon Portfolio Plan to achieve 90% reduction in operational carbon emissions by 2030 through building electrification and zero net energy construction, energy efficiency, energy management, and renewable energy use and generation.	Plan in implementation (2,595 $MTCO_2e$)	Plan implemented (13,715 $MTCO_2e$)
E-2.1: Amend the County's Code of Regulatory Ordinances by 2026 to require all-electric equipment in new residential, commercial, and industrial construction to reduce energy emissions from new development in the unincorporated area.	In development[1]	100% electrification in residential 80% electrification in non-residential (17,734 $MTCO_2e$)
E-2.2: Increase energy efficiency and reach 30% electrification in residential and 17% electrification in non-residential existing development in the unincorporated area by 2030 by: - Amending the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar energy efficiency requirements for existing development projects with qualifying improvements. - Adopting a Building Energy Performance Standard by 2026 for commercial and multi-family residential properties. - Developing a program by 2026 to incentivize building electrification and energy efficiency (e.g., electrically powered appliances, heat pumps).	In development[1]	30% electrification in residential 17% electrification in non-residential (124,742 $MTCO_2e$)

[3] *Metrics and GHG reductions for T-6.2 and T-6.3 are combined due to overlapping monitoring metrics.*

CAP Action	End of Year 2025 Status	Required by 2030
E-3.1: Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar renewable energy requirements for new residential and non-residential construction to increase renewable energy generation in new development.	In development[1]	Ordinance implemented (252 $MTCO_2e$)
E-3.2: Expand and implement the County's streamlined solar permitting process to install 5,002 kW of renewable energy on existing development by 2030 and 12,505 kW by 2045.	Streamlined permitting implemented (53 $MTCO_2e$)	Streamlined permitting implemented (29 $MTCO_2e$)
E-3.3: Develop a program to provide 100% renewable energy to residents and businesses participating in San Diego Community Power by 2030 in the unincorporated area.	55% renewable (109,790 $MTCO_2e$)	100% renewable (176,625 $MTCO_2e$)
SW-1.1: Adopt a County Operations zero waste policy by 2030 to achieve zero waste (90% diversion).	69% diversion (1,132 $MTCO_2e$)	80% diversion (1,305 $MTCO_2e$)
SW-2.1: Update the County's Strategic Plan to Reduce Waste by 2028 to include strategies to achieve 80% diversion by 2030 and zero waste (90% diversion) by 2045.	62% diversion[4] (3,763 $MTCO_2e$)	80% diversion (37,804 $MTCO_2e$)
SW-3.1: Expand landfill gas systems at County-owned landfills to exceed State requirements by 10% by 2045.	In development[1]	85% gas capture (N/A $MTCO_2e$)
SW-4.1: Conduct a feasibility study by 2027 and implement a landfill gas system pilot project at privately managed landfills by 2030 to exceed State requirements by 10% by 2045 in the unincorporated area.	In development[1]	Pilot program implemented (1,373 $MTCO_2e$)
W-1.1: Implement the County's Water Efficiency Plan to require water-efficiency measures in new and existing County buildings/operations to reduce potable water use intensity by 28% by 2030.	7% increase (0 $MTCO_2e$)	28% reduction (3 $MTCO_2e$)
W-2.1: Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar water efficiency requirements and reduced outdoor water use for landscaping requirements for new development to reduce potable water consumption from new development by 17% in the unincorporated area.	In development[1]	17% reduction (37 $MTCO_2e$)

[4] *Indicates progress made in 2024 due to delays in data availability from CalRecycle.*

CAP Action	End of Year 2025 Status	Required by 2030
W-2.2: Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar water efficiency requirements for existing development projects with qualifying improvements.	In development[1]	20% reduction (320 $MTCO_2e$)
W-2.3: Update the Green Building Incentive program by 2026 to include incentives for water efficiency, conservation, and reuse improvements for new and existing development to reduce potable water consumption in the unincorporated area.	In development[1]	71.9 million gallons reduced (64 $MTCO_2e$)
W-2.4: Implement the Waterscape Rebate Program to incentivize water efficiency and conservation to reduce outdoor water consumption in the unincorporated area.	1,478,443 sq ft turf removed 15,393 rain barrels installed[5] (157 $MTCO_2e$)	450,000 sq ft turf removed 1,800 rain barrels installed[5] (21 $MTCO_2e$)
W-3.1: Increase wastewater treatment efficiency through the East County Advanced Water Purification Program to produce 12,900 acre feet of water each year by 2030.	In development[1]	4.2 billion gallons (10,046 $MTCO_2e$)
A-1.1: Acquire 11,000 acres of conservation lands by 2030 and 1,000 acres per year thereafter to preserve land in perpetuity.	10,494 acres (61,159 $MTCO_2e$)	11,000 acres (63,242 $MTCO_2e$)
A-1.2: Develop a Habitat Restoration Resource Management Framework for County-owned land by 2030 and restore 80 acres per year thereafter to increase carbon storage.	In development[1]	80 acres (76 $MTCO_2e$)
A-2.1: Expand the County's existing tree planting initiative and implement an Equity Driven Tree Planting Program to plant 70,560 trees by 2030 and 6,650 trees per year thereafter on County property and in the unincorporated area.	44,615 trees (1,579 $MTCO_2e$)	70,560 trees (2,498 $MTCO_2e$)
A-2.2: Implement the County's Landscaping Ordinance to require tree planting in new single family residential development in the unincorporated area.	Ordinance implemented (439 $MTCO_2e$)	Ordinance implemented (439 $MTCO_2e$)
A-3.1: Implement the Purchase of Agricultural Conservation Easement (PACE) Program to preserve 6,058 acres of agricultural land by 2030 and 400 acres per year thereafter.	3,508 acres (5,738 $MTCO_2e$)	6,058 acres (9,699 $MTCO_2e$)

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

CAP Action	End of Year 2025 Status	Required by 2030
A-4.1: Develop a Climate Smart Land Stewardship Program [Sustainable Operations in Land Stewardship (SOILS) Program] by 2026 to increase carbon sequestration on 3,000 acres by 2030 and 36,214 acres by 2045.	432 acres (1,316 $MTCO_2e$)	3,000 acres (10,758 $MTCO_2e$)
A-5.1: Develop a program by 2026 to incentivize a transition to cleaner fuels and the efficient use of energy to reduce agricultural operations emissions in the unincorporated area.	In development[1]	225 units (1,559 $MTCO_2e$)
Total GHG Reductions	**259,481 $MTCO_2e$**	**741,171 $MTCO_2e$**

Equity Metrics

Equity is a foundational element of CAP implementation and monitoring. Consistent with Board direction, the County is committed to ensuring that at least 20% of CAP investments benefit underinvested or frontline communities, which are populations disproportionately vulnerable to climate change impacts and are likely to experience them first and most severely. In 2025, 55% of CAP investments benefited frontline communities. Through coordination with the County's Environmental Justice Workgroup and the use of the Equity Implementation Framework, equity metrics were identified to describe progress made on equity-based outcomes and community co-benefits.

In 2025, many CAP actions delivered direct benefits to frontline communities through targeted investments in areas such as clean mobility, energy efficiency and electrification, and climate-resilient infrastructure. Highlights from accomplishments include:

- Installing 98% of sidewalks and bikeways in frontline communities in 2025.
- Directing $500,000 in County investments to the Building Decarbonization Program to expand access to voluntary home upgrades in frontline communities through tailored outreach informed by the County's Environmental Justice Workgroup.
- Hosting 34% of zero waste educational workshops in frontline communities to increase access to composting, food recovery, and reuse programs in these areas.
- Providing 48% of rain barrel and turf removal rebates and hosting 100% of rainwater harvesting workshops in frontline communities in 2025.
- Planting 61%, or 1,671 trees in frontline communities to support climate resiliency efforts and reduce urban heat island effects in Otay, Jamul, Sweetwater, Spring Valley, Crest, Valle de Oro, Mountain Empire, among other communities.

Equity metrics are available on the CAP Dashboard, including which actions count toward the equity investment benchmark, which community co-benefits the actions align with, and the type of equity to which each action contributes such as procedural (processes

that are inclusive and transparent), distributional (processes that lead to fair distribution of resources), or structural (processes that systematically change operations).

Electric Vehicle Roadmap (EV Roadmap)
The Board adopted the EV Roadmap on October 16, 2019 (2) to guide the equitable transition to EV ownership and use. The EV Roadmap established six goals focused on expanding charging infrastructure, supporting fleet electrification, increasing public awareness, identifying funding opportunities, and improving equitable access to clean transportation options. These goals support regional air quality improvements, GHG emissions reductions, and expanded mobility options for residents. These six goals were integrated into the CAP and are reported on in this memo for a comprehensive evaluation of objectives related to EVs within the broader context of the County's climate goals.

In 2025, the County continued advancing EV Roadmap goals through expansion planning for EV charging infrastructure at County facilities, ongoing fleet electrification efforts, and coordination with regional partners to support clean mobility initiatives. These efforts emphasize equitable access to zero-emission transportation options, particularly in priority communities, while supporting regional air quality improvements and long-term emissions reduction targets. Progress in fleet electrification continues to expand, and ongoing efforts to transition additional vehicles to fully electric models will further reduce fleet emissions. The County also continued public education and outreach efforts to increase awareness of EV benefits, incentives, and charging availability. Staff continues to regularly update the County's EV Roadmap website to ensure the public can monitor EV implementation activities and access annual reports.

Highlights from accomplishments and milestones met include:

- Increasing the County EV fleet to 356 EVs in use in 2025, which is 71% of the way to the EV Roadmap goal of 501 fleet EVs by 2027.
- Installing a total of 288 Level 2 and 88 Fast EV (1,258 Level 2 equivalent[6]) publicly accessible charger ports at County facilities and the unincorporated area.
- Updating the County's EV Consumer Guide website to provide EV-related resources for consumers. In 2025, the website received 637 views.
- Encouraging teleworking, alternate work schedules, and alternative transportation options to reduce emissions from County employee commutes. In 2025, reducing employee work commuting resulted in the avoidance of 25,226,648 vehicle miles, which is a 23% reduction in commute miles that would have occurred if employees were working in-office full time.

[6] The County measures progress toward the goal of installing 2,040 Level 2 charging ports by 2028 using a metric called "Level 2 Equivalent" chargers. This equivalency is based on an analysis of research from the U.S. Department of Transportation that compares different charger types, their charging speeds, and how many vehicles they can serve. The equivalency provides a way to account for faster charging options such as Direct Current Fast Chargers (DCFCs), which can meet a much higher public charging demand than Level 2 chargers. The analysis reports that, conservatively, a single DCFC station is equivalent to 11 Level 2 chargers.

Supporting technical materials are provided in Appendix B, "Electric Vehicle Roadmap 2025 Implementation Progress," (tables summarizing completed and anticipated implementation actions/priorities), Appendix C, "Summary of Electric Vehicle Charging Stations," (list of existing and proposed EV charging stations at County facilities), and Appendix D, "EV Charging Station Maps," (maps showing EV charging stations for County fleet and public use at County facilities).

Upcoming Project Activities

Despite recent federal and State policy changes, such as the rollback of solar and EV tax credits, EV charger incentives, California Clean Air Act waivers, and residential building energy code updates, the County continues to advance CAP implementation through a combination of ongoing programs and new upcoming initiatives that build on progress to date. Upcoming efforts include the launch of programs that provide voluntary incentives for public EV charging stations, landscaping and agricultural equipment, existing building decarbonization, and the completion of capital projects such as the East County Advanced Water Purification Program's biogas system, among others. The County is also advancing a GHG emissions inventory update in coordination with regional partners with an anticipated completion date in Fall 2027. This inventory update will provide additional information about emissions reductions over time, in comparison to the CAP's 2019 baseline inventory and emissions projections, and will help to inform and refine future CAP actions.

For more information, visit the project website (sandiegocounty.gov/sustainability) to subscribe to notifications about upcoming outreach workshops and to see updates on CAP programs, or follow CAP implementation progress on social media:

- Facebook: facebook.com/SDCountySustainable
- Twitter: twitter.com/SDCoSustainable
- Instagram: instagram.com/sdcountysustainable

If I can be of further assistance, please contact me at (619) 993-0042 or Vince.Nicoletti@sdcounty.ca.gov, or Tyler Farmer, Assistant Director, Planning & Development Services, at (619) 517-5102 or Tyler.Farmer@sdcounty.ca.gov.

Respectfully,

Vince Nicoletti

VINCE NICOLETTI, Director
Planning & Development Services

cc: Dahvia Lynch, Deputy Chief Administrative Officer, Land Use and Environment Group
Andrew Potter, Clerk of the Board of Supervisors
Ha Dang, Agricultural Commissioner/Sealer of Weights & Measures, Agriculture, Weights & Measures
Migell Acosta, Director, County Library
Amy Harbert, Director, Department of Environmental Health and Quality
Marko Medved, Director, Department of General Services
Brandy Winterbottom, Interim Director, Department of Human Resources
Jason Hemmens, Director, Department of Parks and Recreation
Marisa Barrie, Director, Department of Public Works
Dr. Elizabeth Hernandez, Ph.D., Interim Deputy Chief Administrative Officer and General Manager, Health and Human Services Agency
Damon M. Brown, County Counsel
Daryl Arbuthnott, Director, Office of Emergency Services
Eden Brukman, Chief Sustainability Officer, Office of Sustainability and Environmental Justice

Appendices

- **A. 2025 Climate Action Plan Equity Metrics:** Table summarizing progress on meeting CAP equity metrics.
- **B. Electric Vehicle Roadmap 2025 Implementation Progress:** Tables summarizing completed and anticipated implementation actions/priorities.
- **C. Summary of Electric Vehicle Charging Stations:** Tables summarizing all County-funded EV charging stations installed and in progress at County-owned and operated facilities and in the unincorporated area.
- **D. EV Charging Station Maps:** Maps of all EV charging stations installed in public locations in the unincorporated area and at County facilities.

Appendix A – 2025 Climate Action Plan Equity Metrics

This table provides a summary of how equity was at the center of Climate Action Plan (CAP) implementation in 2025. Equity metrics were developed through coordination with the Environmental Justice Workgroup and the Equity Implementation Framework to track progress on equity based outcomes. The table provides an End of Year 2025 Equity Metric Status for each CAP action and identifies whether the action counts towards the 20% investment benchmark for historically underinvested/frontline communities. Actions that count towards this benchmark are those that result in direct investments (e.g., EV charging, bike lane installations, and rain barrel rebates) in underinvested and frontline communities as defined by socioeconomic and geographic data.

The table also shows the type of equity procedural (processes that are inclusive and transparent), distributional (processes that lead to fair distribution of resources), or structural (processes that systematically change operations) the action contributes to. It also includes the equity based outcomes from the CAP to show the long-term results expected from equitable CAP implementation.

For additional information, please view the Climate Action Plan Annual Monitoring Dashboard.

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
T-1.1: Implement the County's 2019 Electric Vehicle Roadmap and 2023 Green Fleet Action Plan to reduce fleet emissions 35% by 2030 and 100% by 2045.	29% of EV charging ports are in frontline communities.	No	Distributional	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-1.1a: Use alternative fuel and/or zero-emission construction equipment in County projects to reduce emissions from medium- and heavy-duty vehicles and equipment.	Use of alternative fuel equipment considered for all County projects through use of the CAP Checklist.	No	Distributional	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-1.1b: Adopt a County Operations anti-idling policy to reduce emissions from vehicle idling.	Policy expected to be adopted in 2026.	No	Structural	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
T-1.2: Amend Board policy to require 100% of landscaping equipment used on County property to be zero-emissions by 2030.	Policy expected to be amended by 2030; 65% of landscaping equipment used by Department of Public Works converted to zero-emissions through 2025.	No	Distributional	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-2.1: Develop a program by 2026 to provide residents and businesses incentives to purchase alternative fuel and/or zero-emission construction and landscaping equipment to reduce emissions 3% by 2030.	Program is under development and is expected to launch in 2026 – applicants that identify as small businesses, low-income, or historically underserved agricultural producers will be prioritized.	Yes	Distributional	Incentives prioritized for small and medium-sized business owners and low-income residents to transition to zero emission equipment.
T-2.2: Develop and adopt a landscaping equipment ordinance to require the use of zero emission landscaping equipment by 2030 and zero emission construction equipment by 2045 in the unincorporated area.	Ordinance expected to be adopted by 2030 - feedback to inform the ordinance will be gathered prior to adoption.	No	Structural	Outreach and education efforts to precede regulation.
T-3.1: Increase the use of electric and other zero-emission vehicles in the unincorporated area by: - Installing 2,040 publicly available electric vehicle charging stations by 2028. - Requiring the electrification of loading docks and idling reduction in new commercial and industrial development by 2030. - Amending the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CalGreen or similar electric vehicle charging infrastructure installations and preferential parking for ZEVs for new multi-family residential and non-residential construction. - Developing a program by 2026 to incentivize EV purchases and school bus electrification.	The Environmental Justice Workgroup provided detailed feedback to inform the development of a County-funded EV charging station incentive program that will prioritize installation in frontline communities.	Yes	Distributional	• EV charging installations prioritized in frontline communities. • EV purchases and schools bus electrification incentives are developed first and/or are increased for frontline communities.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
T-3.1a: Support the transition to clean hydrogen fuel for medium- and heavy-duty vehicles by increasing access to hydrogen fueling infrastructure through streamlined permitting processes and other efforts in the unincorporated area.	In development.	No	Procedural	Reduced medium- and heavy-duty vehicles' contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-3.1b: Continue to collaborate with regional partners to increase investments in zero-emission vehicles and infrastructure in the unincorporated area.	Provided an update and received feedback on zero-emission vehicles and infrastructure programs at six regional meetings, including the Environmental Justice Workgroup and Community Planning & Sponsor Groups.	No	Distributional	• EV charging installations prioritized in frontline communities. • EV purchases and schools bus electrification incentives are developed first and/or are bigger for frontline communities. • Reduced medium- and heavy-duty vehicles' contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-3.1c: Continue updating the EV Consumer Guide website to serve as a regional resource for consumer-friendly and up-to-date information on EV-related topics and available incentives.	Through 2025, three of five EV Consumer Guide website subtabs include information related to those in the frontline communities (benefits, costs, vehicle basics) with about 50% the site content incorporates inclusive storytelling or accessible visual data.	No	Procedural	• EV charging installations prioritized in frontline communities. • EV purchases and schools bus electrification incentives are developed first and/or are bigger for frontline communities. • Reduced medium- and heavy-duty vehicles' contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-4.1: Expand County Benefit Program by 2026 to provide County employees with tax-free transportation benefits, alternative work schedules, and expand part-time or full-time teleworking options to reduce vehicle miles	County employee transportation benefits are promoted on the County's internal Sustainability website launched in 2025 to include information for transit	No	Distributional	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
traveled from employee commutes by 40% in 2030 and 64% in 2045.	reimbursement, carpool parking, and e-bike incentives.			
T-4.1a: Provide educational programs and campaigns to encourage County staff to walk, bike, and take transit.	Developed promotional materials about alternatives transportation modes for County employees and co-hosted an e-bike demonstration at the County Operations Center.	No	Procedural	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-4.2: Develop a rebate program by 2026 for County employees to purchase electric vehicles, bicycles, and scooters for commute use.	Promoted existing online discounts to support alternative commuting options, such discounts on e-bikes and scooters while assessing opportunities for additional rebate programs.	No	Distributional	Reduced County vehicle contribution to air pollution burdens (e.g., carbon monoxide, carbon dioxide, particulate matter, and high asthma rates) faced by frontline communities.
T-5.1: Implement the County's Active Transportation Plan to install 345 miles of sidewalk and 315 miles of bikeways by 2030 to encourage alternative modes of transportation in the unincorporated area.	98% of sidewalks and bikeways installed were in frontline communities in 2025.	Yes	Distributional	Prioritize improvements to pedestrian and bicycle infrastructure in frontline communities.
T-5.1a: Develop educational materials to encourage residents and businesses to use and provide access to alternative modes of transportation (e.g., safety information, increased access to bicycle parking).	33% of Community Climate Conversations event attendees were provided with MTS/Pronto transit passes and educational materials.	No	Procedural	Ensure educational materials are language accessible, translated as needed, and disseminated through existing networks and community sites.
T-5.1b: Use improved materials and engineering designs to make walking and transit easier.	Design improvements are in development, including at traffic signals and pedestrian crossings.	No	Distributional	Ensure improved materials and engineering designs are used in frontline communities.
T-5.2: Develop a countywide Safe Routes to Schools program to reduce vehicle miles traveled to schools by 1.2% by 2030.	Four quick build designs completed at schools in the Julian and Cajon Valley School Districts where 50% or greater number of students are eligible for free or reduced price meals.	Yes	Procedural	Include members from frontline communities in the development of the Safe Routes to Schools program.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
T-6.1: Develop a program to provide free transit passes and/or free trips in the unincorporated area to reduce vehicle miles traveled in the unincorporated area by 1.2% by 2030.	Program is under development and is expected to launch by 2030.	Yes	Distributional	Prioritize distribution of transit passes to frontline communities.
T-6.2: Increase access to Transit Priority Areas by 5% in the unincorporated area and implement transit-supportive roadway treatments such as traffic signal communication and curb extensions along County-maintained roadways to optimize traffic flow for transit and pedestrians by 2030.	Concrete bulb-outs and new curb ramps were installed at three corners of the Jamacha Blvd. and La Presa Ave. intersection in Spring Valley to increase visibility in 2025.	Yes	Distributional	Prioritize roadway treatment implementation in frontline communities.
T-6.2a: Adopt a Transportation Demand Management ordinance to include pre-approved options for new development to reduce single occupancy vehicle trips in the unincorporated area.	Public participation will be central to informing development of the ordinance which is expected to be adopted by 2028.	No	Structural	Prioritize installation of transit-supportive services in communities with higher ridership.
T-6.2b: Evaluate options for increasing transit service to unincorporated communities.	County awarded a Caltrans Sustainability Transportation Grant in 2025 to assess mobility needs and evaluate first- and last-mile transportation solutions to reduce vehicle miles traveled, including extensive public participation to inform potential future services.	No	Procedural	Prioritize installation of transit-supportive services in communities with higher ridership.
T-6.3: Increase access to first/last mile transportation services and connections (e.g., neighborhood electric vehicles, microtransit, bike/scooter-share) to reduce vehicle miles traveled by 7% within the unincorporated area by 2030.	County awarded a Caltrans Sustainability Transportation Grant in 2025 to assess mobility needs and evaluate first- and last-mile transportation solutions to reduce vehicle miles traveled, including extensive public participation to inform potential future services.	Yes	Distributional	Prioritize installation of transit-supportive services in communities with higher ridership.
E-1.1: Implement the County Facilities Zero Carbon Portfolio Plan to achieve 90% reduction in operational carbon emissions by	The County's renewable portfolio is 72% with 315	No	Structural	• Lower utility rates through reduced consumption at County facilities.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
2030 through building electrification and zero net energy construction, energy efficiency, energy management, and renewable energy use and generation.	facilities in frontline communities.			• Improved energy efficiency and air quality in buildings that are often accessed by frontline communities for direct services.
E-2.1: Amend the County's Code of Regulatory Ordinances by 2026 to require all-electric equipment in new residential, commercial, and industrial construction to reduce energy emissions from new development in the unincorporated area	Conducted two public workshops in 2025 to receive feedback on the adoption of the Triennial Code and Green Building Incentive Program update.	No	Structural	Reduced utility bills and improved air quality for homeowners and renters.
E-2.2: Increase energy efficiency and reach 30% electrification in residential and 17% electrification in non-residential existing development in the unincorporated area by 2030 by: - Amending the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar energy efficiency requirements for existing development projects with qualifying improvements. - Adopting a Building Energy Performance Standard by 2026 for commercial and multi-family residential properties. - Developing a program by 2026 to incentivize building electrification and energy efficiency (e.g., electrically powered appliances, heat pumps).	The Environmental Justice Workgroup provided detailed feedback to help guide outreach efforts on the Building Decarbonization Program. Additional County funding was directed towards the program in 2025 to expand access to all eligible unincorporated area residents.	Yes	Distributional	• Increased awareness, education, and access to incentives and benefits of energy savings in frontline communities. • Reduced utility bills and improved air quality for homeowners and renters. • Increased access to career training and licensing programs to support green workforce development.
E-2.2a: Develop and distribute materials to assist renters with implementing energy efficiency improvements.	In development.	No	Procedural	Increased awareness, education, and access to incentives and benefits of energy savings in frontline communities.
E-2.2b: Develop a voluntary energy assessment/benchmarking program for existing development to identify opportunities for energy efficiency improvements (e.g., weatherization, insulation, equipment replacement/upgrades).	Development of the benchmarking program will include input and guidance from property owners.	No	Procedural	Reduced utility bills and improved air quality for homeowners and renters.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
E-2.2c: Develop a program (e.g., incentives, streamlined permitting, education) to phase out propane use for existing buildings.	Program development will include input and guidance from unincorporated area residents.	No	Distributional	Reduced utility bills and improved air quality for homeowners and renters.
E-2.2d: Develop a program to increase energy resiliency in the unincorporated area to ensure continued access to electricity and services during extreme weather events.	Initiated the Energy Access, Resilience, and Capacity Study in 2025 which will help the County understand how much renewable energy the region can generate to meet community needs.	No	Distributional	Increased awareness, education, and access to incentives and benefits of energy savings in frontline communities.
E-3.1: Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CalGreen or similar renewable energy requirements for new residential and non-residential construction to increase renewable energy generation in new development.	Conducted two public workshops in 2025 to receive feedback on the adoption of the Triennial Code and Green Building Incentive Program update.	Yes	Structural	Reduced utility bills for homeowners and renters.
E-3.2: Expand and implement the County's streamlined solar permitting process to install 5,002 kW of renewable energy on existing development by 2030 and 12,505 kW by 2045.	1% of solar permit applications were from frontline communities in 2025.	Yes	Structural	Reduced permitting costs through streamlines processes.
E-3.2a: Develop a program to incentivize renewable energy on low-income homes.	Developed and launched the San Diego Solar Equity Program which provides solar installation at no-cost to frontline communities. Promoted the program through the Environmental Justice Workgroup and through various other community partnerships.	No	Distributional	Increased awareness and education on available incentives in frontline communities.
E-3.2b: Work with partners to promote and support on-site renewable (wind and solar) energy generation and storage (microgrids, Site-specific and/or community scale) to increase renewable energy generation and use in the unincorporated area.	Permitting processes for renewable energy generation projects are streamlined.	No	Procedural	Increased awareness and education on available incentives in frontline communities.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
E-3.2c: Support local job training program for solar installation through partnerships to support green economy workforce development.	Initiated the Green Industries and High Roads Jobs initiative in 2025 to better understand and leverage the region's assets to advance decarbonization.	No	Structural	Increased access to career training programs to support green workforce development.
E-3.3: Develop a program to provide 100% renewable energy to residents and businesses participating in San Diego Community Power by 2030 in the unincorporated area.	In 2025, 0.5% of unincorporated residents were enrolled in SDCP's Power 100 plan.	Yes	Distributional	Increased awareness and education on available incentives in frontline communities.
SW-1.1: Adopt a County Operations zero waste policy by 2030 to achieve zero waste (90% diversion).	In development.	No	Structural	Reduced County contribution to air pollution burdens (e.g., methane) faced by frontline communities.
SW-1.1a: Revise the County's Environmentally Preferred Purchasing policy (B-67) to increase the effectiveness and enforcement of the policy.	The policy was presented at internal Sustainability Task Force meeting, with staff trainings and resources available to empower employees to make informed product selections.	No	Structural	Direct more public funds towards environmentally friendly and sustainable options through expansion and implementation of the Board Policy B-67.
SW-1.1b: Educate County staff on zero waste practices to encourage greater participation and develop monitoring tools to track waste diversion.	In 2025, 6.7% of County employees were trained on waste diversion.	No	Procedural	Reduced County contribution to air pollution burdens (e.g., methane) faced by frontline communities.
SW-2.1: Update the County's Strategic Plan to Reduce Waste by 2028 to include strategies to achieve 80% diversion by 2030 and zero waste (90% diversion) by 2045.	In 2025, 33% of community waste and recycling events took place in frontline communities. Additionally, DPW began internal review and data collection in preparation for the Update and plan to launch community and stakeholder meetings in late Spring 2026.	Yes	Distributional	• Increased access to organic material processing sites in frontline communities. • Increased outreach to frontline communities about circular economy resources such as reuse, repair, and compost distribution events and organic materials recycling. • Increased collection and redistribution of edible food to nutrition insecure communities.
SW-2.1a: Monitor and evaluate contamination rates in waste, recycling, organics containers,	Educational material that included a list of items that are	No	Procedural	Increased outreach to frontline communities about circular economy

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
and establish educational programs to reduce contamination and increase the effectiveness of recycling efforts.	acceptable and those that are contaminants in waste, recycling, and trash bins was distributed in frontline communities.			resources such as reuse, repair, and compost distribution events and organic materials recycling.
SW-2.1b: Support materials reuse events for the unincorporated area.	In 2025, 80% of the Fix-It clinics were held in frontline communities.	No	Procedural	• Increased outreach about material reuse in frontline communities. • Increased material reuse events in frontline communities.
SW-2.1c: Educate the public about zero waste and encourage use of low carbon materials.	In 2025, 34% of educational touchpoints held with the public took place in frontline communities.	No	Procedural	Increased outreach to frontline communities about circular economy resources such as reuse, repair, and compost distribution events and organic materials recycling.
SW-3.1: Expand landfill gas systems at County-owned landfills to exceed State requirements by 10% by 2045.	In 2025, completed cover repair projects at two sites that support efficient gas capture.	No	Distributional	Improved health and safety in communities adjacent to County-owned solid waste facilities.
SW-4.1: Conduct a feasibility study by 2027 and implement a landfill gas system pilot project at privately managed landfills by 2030 to exceed State requirements by 10% by 2045 in the unincorporated area.	In development.	No	Distributional	Workforce training and expansion in solid waste green economy careers.
SW-4.1a: Incentivize the development of new composting/anaerobic digestion facilities and on-farm digesters to divert compostable waste from landfills in the unincorporated area.	In 2025, two equestrian and agricultural workshops were held to promote the Organic Materials Ordinance Update and 14 social media posts related to composting were posted.	No	Distributional	Increased economic opportunities for community composting and agricultural operators.
SW-4.1b: Study options to expand existing and/or identify new opportunities to manage hard to recycle materials in the unincorporated area through additional hauler services, drop-off locations and/or Center for Hard to Recycle Materials.	Under evaluation through the ongoing Strategic Plan to Reduce Waste update and the Circular Economy Assessment.	No	Distributional	Workforce training and expansion in solid waste green economy careers.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
W-1.1: Implement the County's Water Efficiency Plan to require water-efficiency measures in new and existing County buildings/operations to reduce potable water use intensity by 28% by 2030.	Water-efficient designs used in the County's Public Health Lab, which opened in 2025.	No	Structural	Lower utility rates through reduced consumption at County facilities.
W-2.1: Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar water efficiency requirements and reduced outdoor water use for landscaping requirements for new development to reduce potable water consumption from new development by 17% in the unincorporated area.	Conducted two public workshops in 2025 to receive feedback on the adoption of the Triennial Code and Green Building Incentive Program update.	No	Structural	Reduced utility bills for homeowners and renters.
W-2.2: Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar water efficiency requirements for existing development projects with qualifying improvements.	Conducted two public workshops in 2025 to receive feedback on the adoption of the Triennial Code and Green Building Incentive Program update.	No	Structural	Reduced utility bills for homeowners and renters.
W-2.3: Update the Green Building Incentive program by 2026 to include incentives for water efficiency, conservation, and reuse improvements for new and existing development to reduce potable water consumption in the unincorporated area.	The Green Building Incentive Program will offer incentives for reducing water use to reduce utility bills for homeowners and renters.	Yes	Distributional	• Increased access to incentives in frontline communities. • Reduced permitting costs through streamlined processes.
W-2.3a: Collaborate across County departments to streamline and simplify graywater capture permitting process to reduce potable water use in the unincorporated area.	Two outreach sessions were held in 2025 to share updates to the onsite wastewater treatment policy that protects water quality and public health.	No	Procedural	• Reduced permitting costs through streamlined processes. • Reduced utility bills for homeowners and renters.
W-2.3b: Develop and distribute materials to assist renters with implementing water efficiency and conservation improvements.	In development.	No	Procedural	Increased awareness and education on available incentives and the benefits of water savings and reuse in frontline communities.
W-2.4: Implement the Waterscape Rebate Program to incentivize water efficiency and conservation to reduce outdoor water consumption in the unincorporated area.	In 2025, 48% of rain barrel and turf removal rebates were redeemed in frontline communities and all rainwater	Yes	Distributional	Increased awareness and education on available incentives and the benefits of water savings and reuse in frontline communities.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
	harvesting workshops were hosted in frontline communities.			
W-3.1: Increase wastewater treatment efficiency through the East County Advanced Water Purification Program to produce 12,900 acre feet of water each year by 2030.	In 2025, an interactive map was developed to provide construction updates on the project.	No	Structural	Reduced utility bills for homeowners and renters.
W-3.1a: Evaluate Waterscape Rebate Program septic system improvements for opportunities to reduce wastewater emissions in the unincorporated area.	In 2025, 46% of septic pumping rebates were issued in frontline communities.	No	Procedural	Increased awareness and education on septic system improvements in frontline communities.
A-1.1: Acquire 11,000 acres of conservation lands by 2030 and 1,000 acres per year thereafter to preserve land in perpetuity.	In 2025, 100% of acquired conservation land provides public health benefits by improving water and air quality for residents.	No	Distributional	Increased access to open space in frontline communities.
A-1.2: Develop a Habitat Restoration Resource Management Framework for County-owned land by 2030 and restore 80 acres per year thereafter to increase carbon storage.	In 2025, 100% of restored conservation land provides public health benefits by improving water and air quality for residents.	No	Procedural	Increased access to open space in frontline communities.
A-1.2a: Partner with tribal governments to incorporate tribal ecological knowledge and apply indigenous land management practices to contribute towards habitat restoration efforts on County land.	The Tribal Community of Practice offers streamlined processes, centralized data and resources, and support for Tribal engagement activities to broaden the County's knowledge based on the region's cultural geography.	No	Procedural	Increased educational opportunities with tribal communities to learn about the natural environment.
A-2.1: Expand the County's existing tree planting initiative and implement an Equity Driven Tree Planting Program to plant 70,560 trees by 2030 and 6,650 trees per year thereafter on County property and in the unincorporated area.	In 2025, 61% of all trees were planted in frontline communities.	Yes	Distributional	Increased tree canopy coverage in frontline communities.
A-2.1a: Develop a program to preserve native trees in the unincorporated area.	Expected to be published in 2026, the Native Landscape Design Manual includes native tree preservation information.	No	Procedural	Increased support for ongoing tree maintenance in frontline communities to support the tree's longevity.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
A-2.1b: Educate the public on the benefits and maintenance of native, fire-resistant, and drought-tolerant tree plantings.	Developed the Equity-Driven Tree Planting Program website in 2025 to provide support for ongoing tree maintenance.	No	Procedural	• Increased tree canopy coverage in frontline communities. • Reduced number of urban heat islands in frontline communities. • Increased support for ongoing tree maintenance in frontline communities to support the tree's longevity.
A-2.2: Implement the County's Landscaping Ordinance to require tree planting in new single family residential development in the unincorporated area.	The County's Water Efficient Landscape Design Manual includes tree planting guidelines to ensure successful tree plantings while maintaining water efficiency.	No	Structural	Increased tree canopy coverage in frontline communities.
A-3.1: Implement the Purchase of Agricultural Conservation Easement (PACE) Program to preserve 6,058 acres of agricultural land by 2030 and 400 acres per year thereafter.	The PACE Program was advertised in 7 local publications and 67% of the recorded easements in 2025 were in frontline communities.	Yes	Distributional	Increased outreach and engagement to USDA-defined socially disadvantaged farmers to expand their participation in the PACE Program.
A-4.1: Develop a Climate Smart Land Stewardship Program [Sustainable Operations in Land Stewardship (SOILS) Program] by 2026 to increase carbon sequestration on 3,000 acres by 2030 and 36,214 acres by 2045.	The SOILS Program was developed with guidance from local agricultural groups e.g., Farm Bureau, Foodshed, etc. provided at various community events. In 2025, the SOILS Pilot Program received 20 applications, including 8 beginning farmers, 7 Latinx applicants, 8 women-owned operations, 1 veteran, 2 Black or African American applicants, and 2 Native American or Pacific Islander applicants, with some selecting multiple categories.	Yes	Distributional	Concerted outreach and engagement to USDA-defined socially disadvantaged farmers to increase the chances of their participation in the Climate Smart Land Stewardship Program [Sustainable Operations in Land Stewardship (SOILS) Program].
A-4.1a: Support the local food system through development of a food sourcing policy that prioritizes contracts with local, equitable, and	In 2025, the County began working with Sysco to identify qualifying producers within their	No	Structural	Increased public dollars spent on local, equitable, and sustainable food sources

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
sustainable food suppliers in County operations.	catalog that County Food service operations can purchase from should budget allow.			
A-4.1b: Evaluate opportunities to increase farmworker housing in the unincorporated area to reduce emissions from farmworker transportation.	The County has evaluated options for increasing farmworker housing and reducing farmworker vehicle miles traveled through the SALC 2.0 Strategic Action Plan.	No	Procedural	• Concerted outreach and engagement to USDA-defined socially disadvantaged farmers to increase the chances of their participation in the Climate Smart Land Stewardship Program [Sustainable Operations in Land Stewardship (SOILS) Program]. • Increased public dollars spent on local, equitable, and sustainable food sources.
A-4.1c: Evaluate options to incentivize voluntary alternative manure management and livestock feed projects to reduce manure management and enteric fermentation emissions in the unincorporated area.	Ongoing communication with stakeholders to evaluate the feasibility of manure management alternative for feed to mitigate enteric fermentation emissions.	No	Distributional	• Concerted outreach and engagement to USDA-defined socially disadvantaged farmers to increase the chances of their participation in the Climate Smart Land Stewardship Program [Sustainable Operations in Land Stewardship (SOILS) Program]. • Increased public dollars spent on local, equitable, and sustainable food sources.
A-4.1d: Evaluate options to incentivize the voluntary reduction of the use of synthetic fertilizers in the unincorporated area.	The San Diego Region Irrigated Land Group received a grant in 2025 which will provide data-driven outreach and education on regulatory requirements to growers starting in 2026.	No	Distributional	• Concerted outreach and engagement to USDA-defined socially disadvantaged farmers to increase the chances of their participation in the Climate Smart Land Stewardship Program [Sustainable Operations in Land Stewardship (SOILS) Program]. • Increased public dollars spent on local, equitable, and sustainable food sources.

Appendix A – 2025 Climate Action Plan Equity Metrics

CAP Action	End of Year 2025 Equity Metric Status	Counts towards 20% Investment Benchmark	Type of Equity	Equity Based Outcomes
A-5.1: Develop a program by 2026 to incentivize a transition to cleaner fuels and the efficient use of energy to reduce agricultural operations emissions in the unincorporated area.	Program is under development and is expected to launch in 2026 – applicants that identify as small businesses, low-income, or historically underserved agricultural producers will be prioritized.	Yes	Distributional	Increased incentives to USDA-defined socially disadvantaged farmers and/or agricultural operations in frontline communities.
A-5.1a: Partner with the local utility to advocate for agricultural pump rates that would incentivize electrification.	In development.	No	Procedural	Increased incentives to USDA-defined socially disadvantaged farmers and/or agricultural operations in frontline communities.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

Goal 1: Further Reduce the County's Fleet of Gas-Powered Vehicles			
Focused Outcome	Increase the number of EVs in the County's fleet to 501 vehicles by 2027.		
Status	• 356 EVs in use; exceeding the 2025 goal • 56 additional EVs currently on order, bringing total EVs in use or on order to 412; 82 percent progress toward 2027 goal (if EVs currently on order are fulfilled).		
EV Roadmap Recommendation		**Progress as of December 31, 2025**	**Expected Next Steps**
1-A: Amend Board policies F-22, "Lease of Real Property for County Use", H-1, "Fleet Management and Internal Service Fund", and H-2, "Fleet Vehicle and Mobile Equipment Acquisition Policy" in the October 2019 sunset review.		• Completed in October 2019.	• N/A
1-B: Convert 250 County fleet gas-powered vehicles to EVs by 2025 and install necessary EV charging infrastructure. 1-C: Convert an additional 251 County fleet gas-powered vehicles to EVs for a total of 501 by 2027 and install necessary EV charging infrastructure.		• 102 EVs added to the County fleet in 2025, bringing the total number of EVs available for use in County fleet to 356. • 56 EVs on order (estimated delivery in 2026). • Installed 208 Level 2 and five DCFC EV charging ports for fleet use in 2025, for a total of 470 Level 2 and seven DCFC fleet charging ports. • Continued "Charge on the Go" program (established in 2023), allowing County employees to charge County fleet vehicles at any ChargePoint charging station. • Awarded two State-funded grants totaling $137,698 for a total of 17 Level 2 and two DCFC fleet charging ports across two County facilities	• Receive an additional 56 EVs for fleet in 2026 for a total of 412 EVs in the fleet. • Install 40 Level 2 and 22 DCFC fleet charging ports at County facilities, for a total of 510 Level 2 and 29 DCFC fleet charging ports.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

1-D: Keep pace with technological trends, track the costs and benefits of fleet conversion, and update the Green Fleet Action Plan no later than 2025 to set goals for medium- and heavy-duty fleet vehicle conversions. Consider additional categories of light-duty vehicles for conversion, and purchase EVs as feasible.	• Completed the update of the Green Fleet Action Plan in September 2023, incorporating strategies to initiate the conversion of MD/HD fleet vehicles to EVs or hydrogen fuel.	• Identify funding opportunities to convert MD/HD vehicles.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

Goal 2: Accelerate Installation of EV Charging Stations at Public Locations in County Facilities and in the Unincorporated County		
Focused Outcome	Contribute to the regional EV charging network by installing 2,040 Level 2 or equivalent charging stations at County facilities and throughout the unincorporated area by 2028.	
Status	1,256 Level 2 equivalent publicly accessible charger ports completed or in process at County facilities and in the unincorporated area; 62 percent progress towards the Level 2 equivalent goal.	
EV Roadmap Recommendation	**Progress as of December 31, 2025**	**Expected Next Steps**
2-A: Amend Board Policy G-15, "Design Standards for County Facilities" to require all new County facilities to include charging infrastructure for public and employee use.	• Completed in October 2019.	• N/A
2-B: Fund the installation of 63 publicly accessible Level 2 chargers at seven County facilities for public and employee use by 2021, which would increase the number of public charging infrastructure at County facilities to 100 chargers.	• Installed 86 Level 2 and nine DCFC public EV charging ports in 2025, for a total of 178 Level 2 and 11 DCFC publicly accessible charging ports available at County facilities. • Awarded a State-funded grant totaling $58,500 for nine Level 2 public EV charging ports at one County facility.	• Through County-led efforts, install an additional 25 in-process Level 2 publicly accessible EV chargers at County facilities. • Continue the internal County EV Working Group to coordinate ongoing efforts and explore new opportunities for installing public EV chargers at County facilities.
2-C: Complete an EV charger site assessment study and develop the EV Charger Installation Program for unincorporated communities by FY 2022-2023. Return to the Board for	• Installed 75 Level 2 and 65 DCFC public EV charging ports funded through CALeVIP[1] in the unincorporated area since 2022.	• Support completion of 10 Level 2 and 12 DCFC station ports of in-process chargers funded through CALeVIP.

[1] The County makes progress on the installation of new public charging stations through County-led installations at County facilities and financial support for other public chargers in the unincorporated area through the California Electric Vehicle Infrastructure Project (CALeVIP). The CALeVIP San Diego County Incentive Project is implemented by the Center for Sustainable Energy (CSE) for the California Energy Commission and in partnership with the San Diego Association of Governments (SANDAG) and San Diego County Air Pollution Control District (SDAPCD). The program provides funding for installing publicly available Level II and DCFC charging stations.

funding and install 2,040 Level 2 chargers by FY 2027-2028.	• Completed an EV charger site assessment as part of the EVI Planning Analysis in September 2023. • Began planning a program to incentivize the installation of publicly accessible EV charging stations at private property in the unincorporated area as identified in the 2024 CAP.	• Implement a publicly accessible EV charging station installation program.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

Goal 3: Promote and Incentivize County Employee EV Ownership		
Focused Outcome	Increase County employee EV ownership and use to reduce employee commute emissions.	
EV Roadmap Recommendation	**Progress as of December 31, 2025**	**Expected Next Steps**
Promote and incentivize County employee EV use by developing partnerships with banks, credit unions, dealerships to extend lending and pricing benefits.	• Avoided an estimated 9,120 metric tons of carbon dioxide equivalent ($MTCO_2e$)[2] from telecommuting, alternative work schedules, and transportation benefits in 2025. • Since 2021, the County has avoided over 147 million vehicle miles from teleworking. • Began preparing 2026 Employee Commute Survey, a biennial assessment of County employee work commute options and preferences, barriers to alternative transportation options and EV adoption, and preferred programming and incentives. • Recognized as a Platinum Tier recipient at SANDAG's Diamond Awards for the fourth consecutive year, the highest regional honor for excellence in employer commute programs.	• Implement an Employee Commute Program that includes education/training programs for alterative commutes and incentivizes EV ownership.

[2] Reducing employee work commuting in 2025 resulted in the avoidance of 25,226,648 vehicle miles. GHG emissions equivalency based on data used in the 2024 CAP inventory and forecast to convert vehicle miles to $MTCO_2e$.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

Goal 4: Incentivize and/or Require EV Charging Infrastructure in New and Existing Private Multi-Family Residential and/or Non-Residential Development		
Focused Outcome	Increase charging station installations in new and existing private development.	
EV Roadmap Recommendation	**Progress as of December 31, 2025**	**Expected Next Steps**
Prepare a cost/benefit analysis of options to incentivize and/or require EV charger installations in new and/or retrofits of multi-family and non-residential development in the unincorporated area.	• Continued EV charger permit streamlining consistent with AB 1236 (2015)[3]. • Since the start of the streamlined permitting process, the County has approved over 1,176 EV charging stations[4] in private residential homes and commercial developments, with 216 of those permits granted in 2025 alone. • Adopted the base 2022 State Model Code on February 8, 2023 (2), which includes provisions for EV charging infrastructure in nonresidential and multi-family developments. • Began preparing amendments to the County Building Code to require Tier 2 CALGreen or similar as part of the State's triennial code update (2025 CALGreen) to go beyond State minimum mandates.	• Amendment to the County Building Code was adopted on March 4, 2026 (1) to require Tier 2 CALGreen or similar.

[3] County of San Diego was recognized by the State as one of the first jurisdictions in the region to have this streamlined permitting. As of 2025, other jurisdictions in the region with streamlined permitting include the cities of Carlsbad, Chula Vista, Encinitas, Escondido, Del Mar, Imperial Beach, National City, Oceanside, Santee, San Diego, and San Marcos.

[4] Public charging stations at commercial sites installed through the CALeVIP program are included in these values, thus they are not fully additional to those reported in Goal 2. Additionally, the total number of permits issued does not necessarily reflect the total number of chargers installed as property owners may, for a variety of reasons, not complete installation after a permit has been issued.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

Goal 5: Fund EV Expert/Consumer Advocate as a Regional Resource		
Focused Outcome	Increase EV ownership and charging station installations through education, outreach, regional collaboration, and incentives.	
EV Roadmap Recommendation	**Progress as of December 31, 2025**	**Expected Next Steps**
Identify regional partners and cost sharing opportunities to fund a regional "EV Expert/Consumer Advocate" that would provide no-cost consultations for residents, agencies, and businesses to learn more about available incentives, technologies, and charger installation procedures on an ongoing basis.	• Monitored and updated the County's EV Consumer Guide website, an online resource that provides residents and businesses with general and technical support on EV ownership, including up-to-date vehicle availability, incentives, and rebates. • Since its release in June 2021, the EV Consumer Guide website has received 1,354 cumulative views, including 637 individual page views in 2025. • Attended community outreach and engagement events and shared educational information about the County's EV programs through newsletters and social media to help inform and engage county residents.	• Review EV Consumer Guide website content to keep up to date with latest advancements and technologies. (Ongoing) • Evaluate EV Consumer Guide effectiveness and identify opportunities to expand/modify to satisfy regional demand. (Ongoing) • Continue attending community events to share EV-related information and provide educational resources to residents. • Host sustainability events at County facilities for employees and residents and include EV-related information materials and activities.

Appendix B - Electric Vehicle Roadmap 2025 Implementation Progress

Goal 6: Collaborate with Regional Partners to Support Public and Private Fleet Electrification		
Focused Outcome	Increase EV use in regional light-, medium-, and heavy-duty fleets.	
EV Roadmap Recommendation	**Progress as of December 31, 2025**	**Expected Next Steps**
Develop public and private regional partnerships to provide fleet electrification technical support to convert large regional fleets such as delivery services, rideshare, school districts, and transportation network companies to EV on an ongoing basis.	• Continued participation as a Core Team member in the Accelerate to Zero Emissions Collaboration (A2Z Collaboration).[5] • A2Z Collaboration completed the Regional EV Gap Analysis (2021) and Regional ZEV Strategy (2023), identifying regional ZEV infrastructure needs and defining strategies to increase adoption, support equitable access, and guide agencies and partners in EV planning and implementation. • Completed the Hydrogen Fueling Readiness Report (February 2024), assessing medium-duty and heavy-duty vehicle hydrogen fueling needs in the unincorporated area, identifying priority station locations, and outlining best practices to improve permitting for future hydrogen infrastructure. • Coordinated with Regional Decarbonization Framework effort. (Ongoing)	• Continue participation as a Core Team member in the A2Z Collaboration.

[5] The County of San Diego is a founding member of the Accelerate to Zero Emissions Collaboration. The Core Team consists of County of San Diego, San Diego Association of Governments (SANDAG), San Diego Gas & Electric (SDG&E), San Diego County Air Pollution Control District, and City of San Diego.

Appendix C - Summary of Electric Vehicle Charging Stations

Public/Workplace Electric Vehicle Charging Sites at County Facilities and in the Unincorporated Area

EVCS Sites	Site Address	# EVCS Ports		Owner	Date In Service
		L2	DCFC		
Completed					
County Administration Center	1600 Pacific Highway, San Diego, 92101	4	0	CoSD	2014
4S Ranch Community Center	16118 4S Ranch Parkway, San Diego, 92127	2	0	CoSD	2015
Air Pollution Control District	10124 Old Grove Road, San Diego, 92131	7	0	CoSD	2015
Chula Vista Assessor/Recorder/County Clerk Office	590 Third Avenue, Chula Vista, 91910	4	0	CoSD	2015
County Operations Center, Parking Structure A	5515 Overland Avenue, San Diego, 92123	10	0	CoSD	2015
Fallbrook Library	124 South Mission Road, Fallbrook, 92028	2	0	CoSD	2015
Health Services Complex	3851 Rosecrans Street, San Diego, 92110	2	0	CoSD	2015
North County Regional Center	325 South Melrose Drive, Vista, 92081	4	0	CoSD	2015
Ramona Library	1275 Main Street, Ramona, 92065	2	0	CoSD	2015
Cedar Kettner Parking Garage	715 West Cedar Street, San Diego, 92101	4	0	CoSD	2017
Santa Ysabel Nature Center	22135 Highway 79, Santa Ysabel, 92070	2	0	CoSD	2019
North Coastal Live Well Health Center	1701 Mission Avenue, Oceanside, 92058	9	0	CoSD	2021
North Coastal Live Well Center	3708 Ocean Ranch Blvd, Oceanside, 92056	2	0	CoSD	2021
Borrego Springs Library	2580 Country Club Road, Borrego Springs, 92004	2	0	CoSD	2022
East County Assessor/Recorder/County Clerk Office	10144 Mission Gorge Road, Santee, 92071	5	0	CoSD	2022
Ohio Street Community Support Office (Probation)	3977 Ohio Street, San Diego, 92104	4	0	CoSD	2022
Estrella County Park	9813 Estrella Drive, Spring Valley, 91977	2	0	CoSD	2023
Fire Protection District Fire Station 38 (East Otay Mesa)	850 Alta Road, San Diego, 92154	2	0	CoSD	2023
Lakeside Library	12440 Woodside Avenue, Lakeside, 92040	2	0	CoSD	2023
Southeastern Live Well Center	5101 Market Street, San Diego, 92114	4	0	CoSD	2023
Ramona Community Resource Center	1221 Main Street, Ramona, 92065	4	0	CoSD	2024
Lindo Lake County Park	12660 Lindo Lane, Lakeside, 92040	10	2	SDG&E	2024
Youth Transition Campus	2801 Meadow Lark Drive, San Diego, 92123	3	0	CoSD	2024
Agriculture, Weights and Measures, Hazard Way Buildings	9325 Hazard Way, San Diego 92123	9	0	CoSD	2025
County Administration Center	1600 Pacific Highway, San Diego, 92101	0	2	CoSD	2025
County Operations Center, Medical Examiner South Lot	5570 Overland Avenue, San Diego, 92123	22	0	CoSD	2025
County Operations Center, Parking Structure B2	5610 Overland Avenue, San Diego, 92123	28	3	CoSD	2025
Edgemoor Skilled Nursing Facility	655 Park Center Drive, Santee, 92071	8	0	CoSD	2025
El Cajon Family Resource Center	220 First Street, El Cajon, 92019	8	0	CoSD	2025
Julian Library	1850 Highway 78, Julian, 92036	0	4	CSG	2025
Tri-City Psychiatric Health Facility	3996 Vista Way, Oceanside, 92056	11	0	CoSD	2025
Public Chargers Funded Through CALeVIP	Various locations in the unincorporated area	75	65	Other	2022-2025
	Total Completed EVCS	**253**	**76**		

Appendix C - Summary of Electric Vehicle Charging Stations

EVCS Sites	Site Address	# EVCS Ports		Owner	Date In Service
		L2	DCFC		
In Process					
San Marcos Assessor/Recorder/County Clerk Office	141 and 151 East Carmel, San Marcos, 92096	18	0	CoSD	2026
Calavo County Park	Jamacha Boulevard and Calavo Drive, Spring Valley, 91978	1	0	CoSD	2026
Casa De Oro Library	9610 Campo Road, Spring Valley, 91977	4	0	CoSD	2026
East County Crisis Stabilization Unit	200 South Magnolia Avenue, El Cajon, 92020	2	0	CoSD	2026
San Diego Animal Shelter	452 Riverview Parkway, Santee, 92071	2	0	CoSD	2026
Public Chargers Funded Through CALeVIP	Various locations in the unincorporated area	10	12	Other	TBD
	Total In-Process EVCS	**37**	**12**		

Public/Workplace EVCS Summary				
	# EVCS Ports			
	L2	**DCFC**	**Total**	**Total L2e***
Total Completed EVCS	**253**	**76**	**329**	**1089**
Total In-Process EVCS	**37**	**12**	**49**	**169**
TOTAL BY TYPE	**290**	**88**	**378**	**1,258**

Notes

CALeVIP = California Electric Vehicle Infrastructure Project; CoSD = County of San Diego; CSG = Carbon Solutions Group; DCFC = Direct Current Fast Charger; EVCS = Electric Vehicle Charging Station; L2 = Level 2 charging stations; SDG&E = San Diego Gas & Electric; TBD = to be determined.

*The Level 2 Equivalency (L2e) is based on an analysis of research from the U.S. Department of Transportation that compares charger types, their charging speeds, and how many vehicles they can serve. The analysis reports that, conservatively, a single DCFC station is equivalent to 11 Level 2 chargers.

Data current as of 12/31/25.

Appendix C - Summary of Electric Vehicle Charging Stations

Fleet Charging Sites at County Facilities

EVCS Sites	Site Address	# EVCS Ports		Owner	Date In Service
		L2	DCFC		
Completed					
Air Pollution Control District	10124 Old Grove Road, San Diego, 92131	10	0	SDG&E	2017
County Operations Center, Parking Structure B	5610 Overland Avenue, San Diego, 92123	12	0	CoSD	2017
County Operations Center, Medical Examiner	5570 Overland Avenue, San Diego, 92123	10	0	SDG&E	2017
Health Services Complex	3851 Rosecrans Street, San Diego, 92110	10	0	SDG&E	2017
North County Regional Center	325 South Melrose Drive, Vista, 92081	10	0	SDG&E	2017
Sheriff Headquarters	9621 Ridgehaven Court, San Diego, 92123	8	0	SDG&E	2017
South Bay Regional Center	500 Third Avenue, Chula Vista, 91910	12	0	SDG&E	2017
Juvenile Probation Center	2901 Meadow Lark Drive, San Diego, 92123	10	0	SDG&E	2017
San Dieguito County Park	1628 Lomas Santa Fe Drive, Del Mar, 92014	2	0	CoSD	2018
County Operations Center, Parking Structure A	5515 Overland Avenue, San Diego, 92123	119	0	CoSD	2022
Bancroft County Park	3542 James Circle, Spring Valley, 91977	2	0	CoSD	2023
DPW Road Maintenance Station, Borrego Springs	1550 Rango Way, Borrego Springs, 92004	2	0	CoSD	2023
DPW Road Maintenance Station, Campo	970 Forrest Gate Road, Campo, 91906	2	0	CoSD	2023
DPW Road Maintenance Station, Ramona	116 Fifth Street, Ramona, 92065	2	0	CoSD	2023
Lake Morena County Park	2550 Lake Morena Drive, Campo, 91906	2	0	CoSD	2023
Pine Valley County Park	28804 Old Highway 80, Pine Valley, 91962	2	0	CoSD	2023
Southeastern Live Well Center	5101 Market Street, San Diego, 92114	16	0	CoSD	2023
Tijuana River Valley Regional Park	2721 Monument Road, San Diego, 92154	2	0	CoSD	2023
William Heise County Park	4942 Heise Park Road, Julian, 92036	2	0	CoSD	2023
DPW Road Maintenance Station, Spring Valley Division 1 Headquarters	11970 Singer Lane, Spring Valley, 91978	10	2	CoSD	2024
Rancho San Diego Library	11555 Via Rancho San Diego, El Cajon, 92019	2	0	CoSD	2024
Youth Transition Campus	2801 Meadow Lark Drive, San Diego, 92123	15	0	CoSD	2024
Air Pollution Control District	10124 Old Grove Road, San Diego, 92131	20	1	COSD	2025
AWM, Hazard Way Buildings	9325 Hazard Way, San Diego, 92123	24	0	CoSD	2025
County Operations Center, Parking Structure B2	5610 Overland Avenue, San Diego, 92123	112	4	CoSD	2025
County Operations Center, Public Health Lab	5540 Overland Avenue, San Diego, 92123	2	0	CoSD	2025
Hall of Justice	330 West Broadway, San Diego, CA 92101	50	0	COSD	2025
	Total Completed EVCS	**470**	**7**		

Appendix C - Summary of Electric Vehicle Charging Stations

EVCS Sites	Site Address	# EVCS Ports		Owner	Date In Service
		L2	DCFC		
In Process					
East Mesa Detention Complex	446 Alta Road, San Diego, 92158	10	2	CoSD	2026
East County Regional Center	250 East Main Street, El Cajon, 92020	10	0	CoSD	2026
Las Colinas Detention Facility	451 Riverview Parkway, Santee, 92071	10	0	CoSD	2026
San Diego Animal Shelter	452 Riverview Parkway, Santee, 92071	2	0	CoSD	2026
DPW Road Maintenance Station, San Marcos Division 2 Headquarters	1579 Osage Street, San Marcos, 92069	10	2	CoSD	2026
DPW Road Maintenance Station, Ramona	116 Fifth Street, Ramona, 92065	0	2	CoSD	2026
DPW Road Maintenance Station, Borrego Springs	1550 Rango Way, Borrego Springs, 92004	0	2	CoSD	2027
DPW Road Maintenance Station, Valley Center	28565 Cole Grade Road, Valley Center, 92082	0	2	CoSD	2027
Santee Operations Center	1840 Weld Boulevard, El Cajon, 92020	0	4	CoSD	2027
DPW Road Maintenance Station, Fallbrook	2370 Pala Road, Bonsall, 92003	0	4	CoSD	2027
DPW Road Maintenance Station, Alpine	2914 Tavern Road, Alpine, 91901	0	4	CoSD	2027
	Total In-Process EVCS	**42**	**22**		

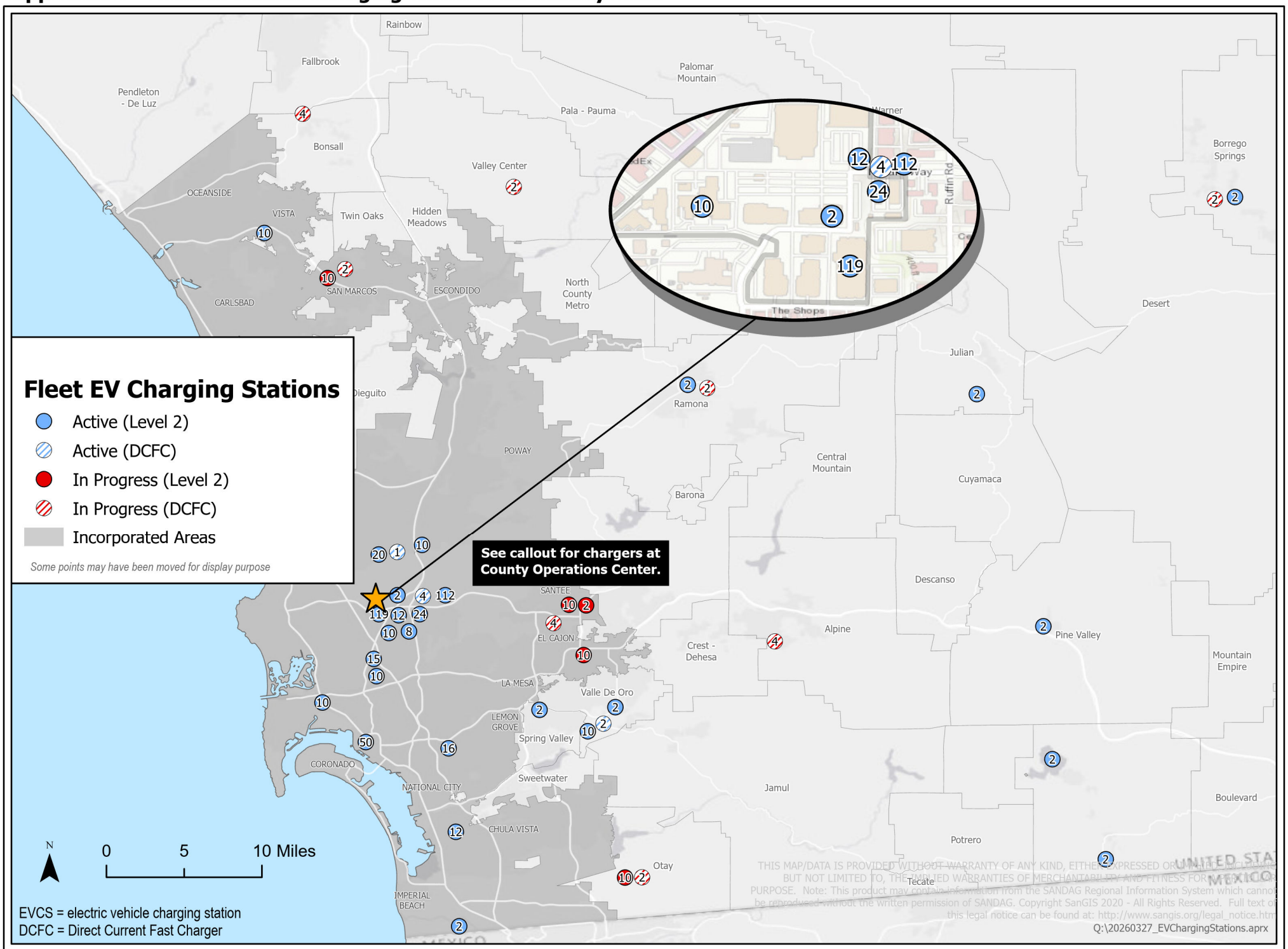
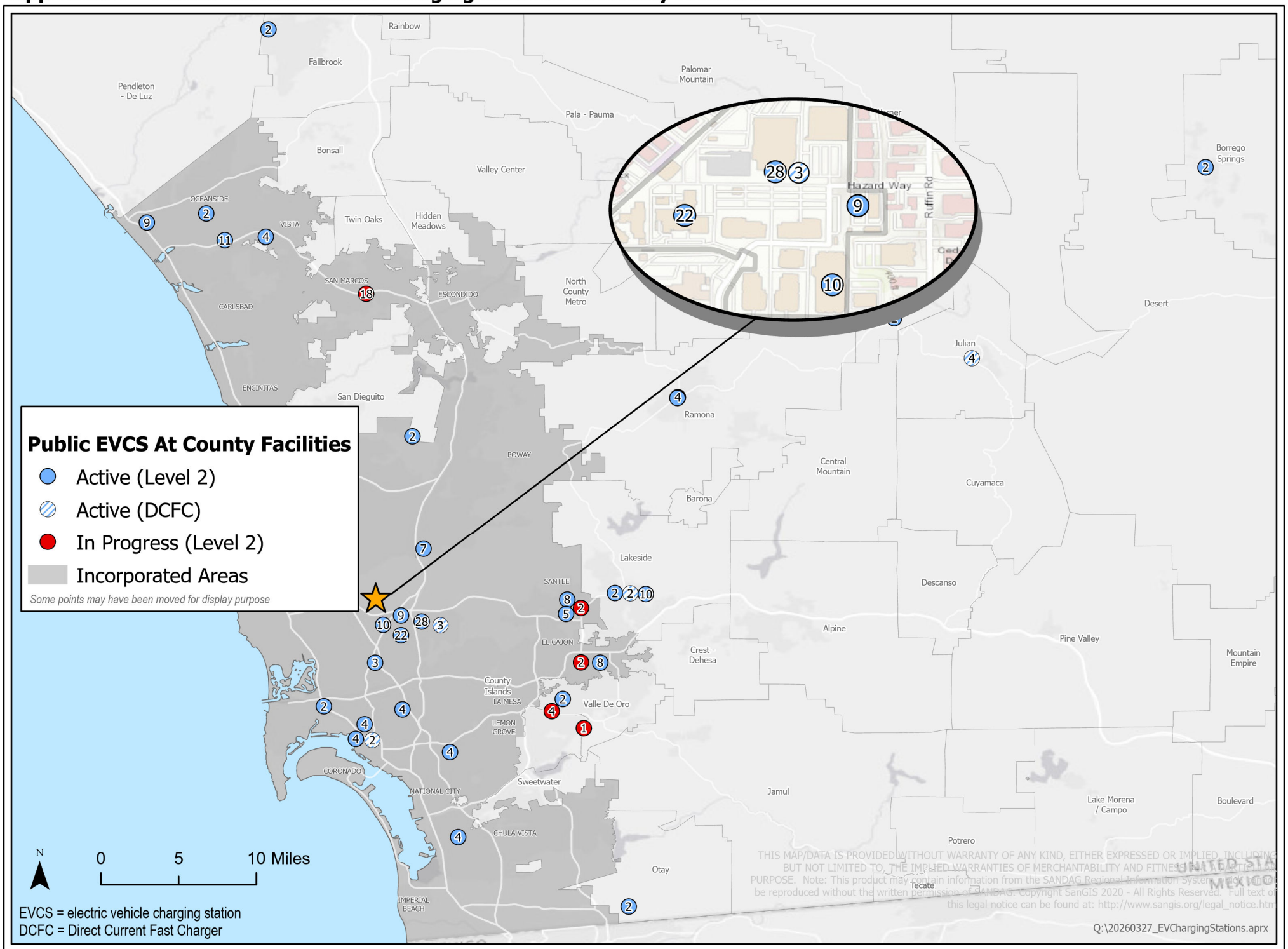
Fleet EVCS Summary			
	# EVCS Ports		
	L2	DCFC	Total
Total Completed EVCS	**470**	**7**	**477**
Total In-Process EVCS	**42**	**22**	**64**
Total by Type	**512**	**29**	**541**

Notes

AWM = Agriculture, Weights & Measures; CoSD = County of San Diego; DCFC = Direct Current Fast Charger; DPW = Department of Public Works; EVCS = Electric Vehicle Charging Station; L2 = Level 2 charging station; SDGE = San Diego Gas and Electric.

Data current as of 12/31/25.

Appendix D - Electric Vehicle Charging Stations for County Fleet



Appendix D – Public Electric Vehicle Charging Stations at County Facilities