



CLIMATE ACTION & ADAPTATION PLAN

SETTING THE STAGE - CAAP IMPLEMENTATION IN 2026-27

THE CAAP

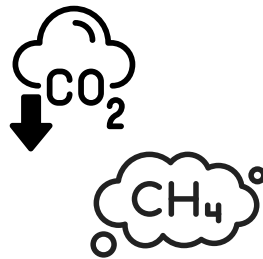
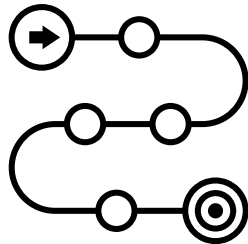
The County of Yolo (County) Climate Action and Adaptation Plan (CAAP), adopted in December 2024, is a comprehensive roadmap to achieve reductions in greenhouse gas (GHG) emissions and increase resilience in response to the impacts of climate change while centering equity and ensuring a Just Transition.

THE GOAL

Net-negative GHG emissions by 2030. Net-negative means that Yolo County aims to remove more carbon and methane from the atmosphere than it produces.

THE VISION

Yolo County is a resilient, inclusive, and equitable community where government, individuals, businesses, and community-based organizations unite to achieve a carbon-negative footprint. Together, we thrive in the face of climate change adversity, ensuring access to resources for all and creating a sustainable future for generations to come.



STRUCTURE

Achieving net-negative emissions by 2030 while increasing resiliency and ensuring a Just Transition requires an ambitious, well-coordinated approach. Given the scale of effort needed, the roadmap for CAAP implementation is organized within a tiered framework that includes three main components: strategies, measures, and actions. This framework provides a manageable structure for efficiently achieving the County's collective climate goals.

STRATEGY



Strategies are the high-level implementation components that comprise the main GHG emission source and adaptation sectors relevant to achieving the County's CAAP goals.

MEASURE



Measures are the second tier of the implementation framework and are contained within each strategy to further specify the sector- or subsector-specific goals.

ACTION



Actions are the final tier of the implementation framework and are specific policies, programs, plans, initiatives, or tools that will be deployed to achieve the expressed goals of the related measure strategy.



CAAP IMPLEMENTATION PHASING AND REPORT CONTENTS AND PURPOSE

PHASING

A large number of strategies, measures, and actions will be needed to achieve the County’s climate goals.

10 STRATEGIES

40 MEASURES

183 ACTIONS

However, these actions are not uniform and involve strategic phasing for their implementation to meet County goals within a reasonable timeline. To strategically determine phasing, nine scoring criteria were considered, including (but not limited to) the following:

- » GHG reduction potential and/or climate adaptation value
- » Whether an action unlocked or provided foundation to others
- » Availability of funding for the action
- » Whether an action enhanced equity
- » Whether there was community interest shown for an action

Based on the weighted criteria above actions were sorted into three phases, corresponding to the following years:

PHASE I
2024-2027
73 Actions

PHASE II
2027-2030
79 Actions

PHASE III
2030-2045
31 Actions

IMPLEMENTATION PLAN REPORT [2026-27 CALENDAR YEARS]

Based on priorities identified by the Interdepartmental Green Team and key external implementation partners, in calendar years 2026 and 2027, Yolo County will work to advance:

10 STRATEGIES

29 MEASURES

66 ACTIONS

The 2026-27 Implementation Plan identifies:

- The **priority actions and measures** being advanced—in part or full—in 2026-27. Priority actions consist primarily of Phase I actions, but includes some Phase II and III actions that are undergoing preliminary development.
- **Key coordination/implementation leads** within County Departments and Divisions.
- High-level **tracking metrics**.
- **Funding priorities** for the implementation of the CAAP during Phase I.

IMPLEMENTATION PLAN REPORTS AND EVALUATION

Sustainability Division Staff will develop and make available an Implementation Plan Report on an annual basis. At the end of each year, Sustainability Division Staff will develop and make available a subsequent Impact Report. The purpose of the Implementation Plan Report is to outline focus areas (strategies, measures, and actions) for the year, while the Impact Report will record and assess the progress made towards the focus areas for the indicated implementation year. In addition, Sustainability Division Staff will maintain project plans and milestones for each individual priority action that are used to update the CAAP Tracking Dashboard, and future Emissions Inventory Updates. 2



CAAP STRATEGIES AND GOALS



Strategy 1 Decarbonize Transportation	Strategy 6 Reduce Off-Road Equipment Emissions
Strategy 2 Reduce Vehicle Miles Traveled	Strategy 7 Support Climate-Smart Agriculture
Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency	Strategy 8 Sequester and Store Carbon in Natural and Working Lands
Strategy 4 Optimize Water Use	Strategy 9 Reduce Carbon Footprint of Consumption and Production
Strategy 5 Minimize Waste	Strategy 10 Resilient Infrastructure and Healthy Communities

- Strategy 1**
Support the transition to electric vehicles (EVs) at the public and municipal levels.

Strategy 2
Decrease transportation emissions by reducing single-occupancy vehicle trips and supporting transit-oriented and infill development.

Strategy 3
Expand access to energy efficiency programs while advancing retrofits in homes, businesses, rentals, and community infrastructure through outreach, incentives, and nature-based solutions.

Strategy 4
Promote water recycling and stormwater capture.

Strategy 5
Expand composting and recycling efforts at County facilities, divert construction and demolition waste, and reduce emissions from waste by repurposing inedible food scraps for livestock feed.

Strategy 6
Decarbonize agricultural equipment and increase the use of electric and zero-emission off-road and landscaping equipment.
- Strategy 7**
Reduce chemical inputs and expand water management practices that curb methane emissions.

Strategy 8
Support carbon sequestration on Yolo County’s natural and working lands by promoting climate-smart farming, grazing, and agroforestry practices, and exploring a locally administered Carbon Credit Exchange to support land stewardship.

Strategy 9
Provide educational programs to assist residents and communities in reducing the climate and ecological impacts of their consumption habits.

Strategy 10
Increase the ability of individuals, communities, systems, institutions, and businesses to withstand, recover, and thrive in the face of climate change and chronic stress, prioritizing those who are most vulnerable and/or exposed to the impacts of climate change.



2026-27 CAAP PRIORITY MEASURES

The CAAP is comprised of 40 individual Measures. Out of those 40 Measures, 29 include Phase I or II actions that were identified by the Green Team as priorities for implementation in 2026 and/or 2027. The 29 Priority Measures for 2026-27 are listed below. A complete list of 66 priority actions is provided in Appendix A.

Strategy 1: Decarbonize Transportation

- DT 1: Electrify County Fleet
- DT 2: Install Electric Vehicle Charging Infrastructure
- DT 3: Encourage Transition to Electric Vehicles

Strategy 2: Reduce Vehicle Miles Traveled

- VMT 1: Reduce Single-Occupancy Vehicle Trips
- VMT 2: Encourage Transit-Oriented and Infill Development

Strategy 3: Decarbonize Energy and Buildings and Increase Energy Efficiency

- EB 1: Increase Energy Efficiency in Buildings
- EB 2: Decarbonize and Electrify Buildings
- EB 3: Increase Renewable Energy Generation and Storage
- EB 4: Promote Sustainable Building Practices

Strategy 4: Optimize Water Use

- W 1: Conserve and Enhance Natural Water Sources
- W 2: Encourage Efficient Water Use in Agriculture Operations

Strategy 5: Minimize Waste

- SW 1: Reduce Landfill Waste
- SW 3: Reduce Emissions from Management of Waste

Strategy 6: Reduce Off-Road Equipment Emissions

- OFR1: Increase Electric and Zero Emission Off-Road and Landscaping Equipment Adoption

Strategy 7: Support Climate-Smart Agriculture

- AG 1: Reduce Use of Chemical Inputs
- AG 3: Reduce Methane Emissions

Strategy 8: Sequester and Store Carbon in Natural and Working Lands

- NWL 1: Encourage Climate Smart Practices in Working Lands
- NWL 2: Restore Natural Lands
- NWL 3: Promote Stewardship of Natural Lands

Strategy 9: Reduce Vehicle Miles Traveled

- RCP 1: Provide Responsible Consumption Guidance
- Measure RCP 2: Encourage Neighborhood Carpool Program

Strategy 10: Resilient Infrastructure and Healthy Communities

- HC 1: Create Resilience Centers
- HC 2: Improve Neighborhood Response
- HC 3: Prepare Vulnerable Communities
- HC 4: Improve Equitable Distribution of Resources
- HC 5: Minimize Hazard Exposure
- HC 6: Minimize Workplace Hazard Exposure
- HC 7: Reduce Urban Heat Island Effect
- HC 8: Prioritize Sustainable Economic Development



STRATEGY SPECIFIC IMPLEMENTATION DEPARTMENTS AND DIVISIONS

County departments and divisions serving on the Yolo County Interdepartmental Green Team helped shape the 2026-27 priorities for each Climate Action and Adaptation Plan (CAAP) strategy area—including key actions and measures to advance in 2026-27. These teams, along with the Sustainability Division and external partners identified below, will lead implementation efforts to move this work forward in the year ahead.

Strategy 1 Decarbonize Transportation Dept. of General Services Facilities Division Fleet Services Sustainability Division	Strategy 2 Reduce Vehicle Miles Traveled Yolo Transportation District Sustainability Division	Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency Dept. of General Services Facilities Division Sustainability Division	Strategy 4 Optimize Water Use Yolo County Flood Control and Water Conservation District	Strategy 5 Minimize Waste Integrated Waste Management Division Sustainability Division
Strategy 6 Reduce Off-Road Equipment Emissions Fleet Services Public Works Integrated Waste Management Division Sustainability Division	Strategy 7 Support Climate-Smart Agriculture Yolo Resource Conservation District Sustainability Division	Strategy 8 Sequester and Store Carbon in Natural and Working Lands Yolo Resource Conservation District Sustainability Division	Strategy 9 Reduce Carbon Footprint of Consumption and Production Integrated Waste Management Division Sustainability Division	Strategy 10 Resilient Infrastructure and Healthy Communities Sustainability Division Office of Emergency Services Health and Human Services Agency Dept. of General Services Parks Division



2026-27 CAAP FUNDING PRIORITIES

At the January 2025 Green Team Meeting, County staff developed a list of funding priorities to advance implementation of the CAAP's Phase I Measures and Actions. Over the past year, these priorities have been refined through ongoing Green Team coordination and implementation planning and now reflect the County's 2026–2027 CAAP implementation priorities. The updated priorities, summarized below, will guide future external funding and grant-seeking efforts.



Natural and Working Lands Program Implementation

Funding to support carbon farm planning and direct incentives for the implementation of carbon farming practices.



Resilience Centers in Unincorporated Area

Funding for infrastructure upgrades, education, and support for ongoing programming at future County resilience center locations. Typically \$750K+ per center.



Resilient Infrastructure/Healthy Communities

Pursue implementation funding for extreme heat resilience projects, including urban greening, green jobs, disaster preparedness education, and resilience infrastructure.



Design and Capital for Yolo Active Transportation Corridors (YATC) Implementation

Funding to support YATC Implementation to reduce transportation-sector emissions as identified in CAAP Strategies 1 and 2.



Implementation of the Zero Emission Vehicle Action Plan Maintenance

Funding to install public and fleetside charging infrastructure, and support maintenance of current and future charging infrastructure. Total cost for fleet-side charging alone estimated at \$13.3M.



Increase Construction and Demolition (C&D) Waste Diversion

Funding to become certified C&D Facility.



Implementation of Inventory and Feasibility Study to Remove Fossil Fuels from County Operations

Funding to undertake priority electrical, HVAC, and other infrastructure upgrades as identified in Study (total cost to implement Study estimated at \$12.8M).



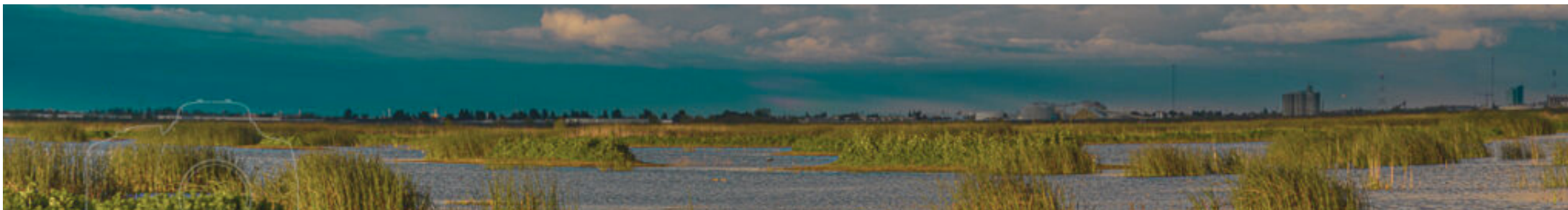
Flexible Funding for Public Incentive Programs

Funding to develop and maintain incentive programs for E-bikes, EV chargers, weatherization kits, rain barrels, and more.



Funding for Cost-Saving Staff

Funding to create or support positions for an Energy Manager (fleet, EV, solar, HVAC, etc.) and an Open Space Technician to support the implementation of natural and working lands strategies on County properties.



2026-27 PRIORITY MEASURES AND SAMPLE IMPLEMENTATION TRACKING METRICS

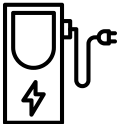
The implementation of the various CAAP Measures and Actions for each Strategy will be tracked on an annual basis using key metrics, examples of which are provided below. The forthcoming CAAP Tracking Dashboard will serve as a tool for the community and staff to track and monitor CAAP implementation progress in real time.

Strategy 1: Decarbonize Transportation

- DT 1: Electrify County Fleet
- DT 2: Install Electric Vehicle Charging Infrastructure
- DT 3: Encourage Transition to Electric Vehicles



percentage of County fleet replaced with EVs



of public EV charging stations installed in unincorporated area



GHG emissions avoided through County fleet electrification

Strategy 2: Reduce Vehicle Miles Traveled

- VMT 1: Reduce Single-Occupancy Vehicle Trips



of community members participating in VMT reduction programs through NorCalGo



number of bike safety trainings provided Countywide

Strategy 3: Decarbonize Energy and Buildings and Increase Energy Efficiency

- EB 1: Increase Energy Efficiency in Buildings
- EB 2: Decarbonize and Electrify Buildings
- EB 3: Increase Renewable Energy Generation and Storage
- EB 4: Promote Sustainable Building Practices



of Weatherization Kits Distributed



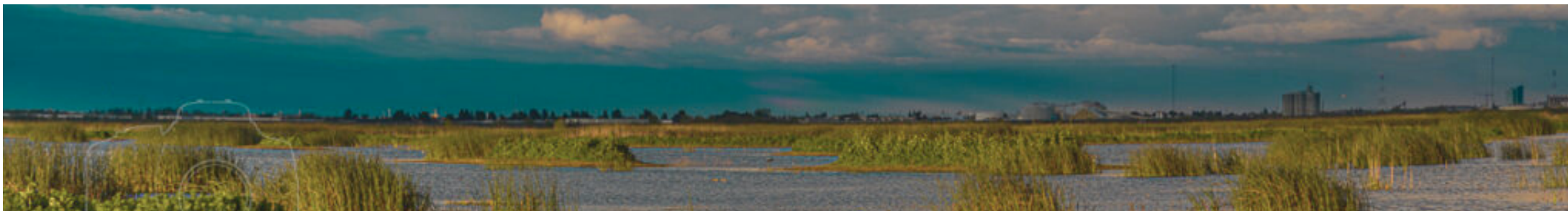
of Community Members upgrading to Valley Clean Energy UltraGreen



of Home Energy Score (HES) Assessments Performed



GHG emissions avoided through municipal electrification upgrades



2026-27 PRIORITY MEASURES AND SAMPLE IMPLEMENTATION TRACKING METRICS

Strategy 4: Optimize Water Use

- W 1: Conserve and Enhance Natural Water Sources
- W 2: Encourage Efficient Water Use in Agriculture Operations



of acre-feet of groundwater recharge projects completed

Strategy 5: Minimize Waste

- SW 1: Reduce Landfill Waste
- SW 2: Increase Construction and Demolition Waste Diversion
- SW 3: Reduce Emissions from Management of Waste



tons of
food waste diverted



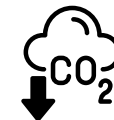
tons of construction and
demolition waste diverted

Strategy 6: Reduce Off-Road Equipment Emissions

- OFR1: Increase Electric and Zero Emission Off-Road and Landscaping Equipment Adoption



of pieces of gas-powered
equipment in County government
operations replaced with an
electric alternative



GHG emissions avoided by replacing gas-
powered equipment in County government
operations with an electric alternative

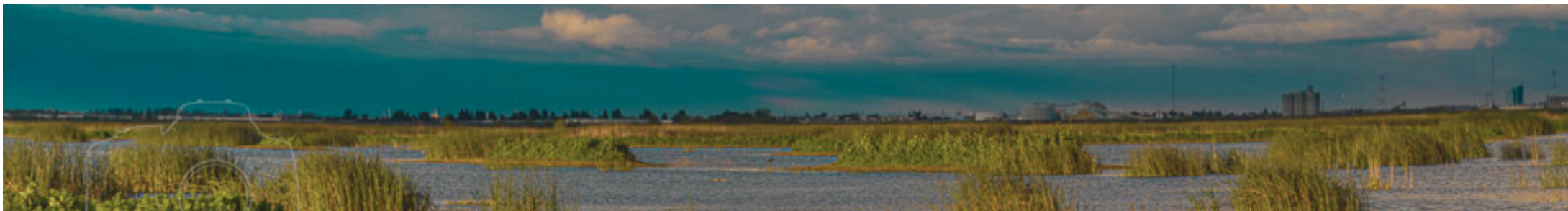
Strategy 7: Support Climate-Smart Agriculture

- AG 1: Reduce Use of Chemical Inputs
- AG 3: Reduce Methane Emissions



of acres managed using NCRS
CPS 590 (improved nutrient
management)

of acres managed using NCRS
CPS 449 (irrigation water
management on rice fields)



2026-27 PRIORITY MEASURES AND SAMPLE IMPLEMENTATION TRACKING METRICS

Strategy 8: Sequester and Store Carbon in Natural and Working Lands

- NWL 1: Encourage Climate Smart Practices in Working Lands
- NWL 2: Restore Natural Lands
- NWL 3: Promote Stewardship of Natural Lands



of carbon farm plans completed



acres of wetlands created/restored/protected



acres of climate-smart ag practices implemented

Strategy 9: Reduce Vehicle Miles Traveled

- RCP 1: Provide Responsible Consumption Guidance



of Yolo County Green Businesses certified



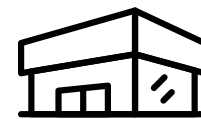
of residents who utilize responsible consumption incentive programs

Strategy 10: Resilient Infrastructure and Healthy Communities

- HC 1: Create Resilience Centers
- HC 2: Improve Neighborhood Response
- HC 3: Prepare Vulnerable Communities
- HC 4: Improve Equitable Distribution of Resources
- HC 5: Minimize Hazard Exposure
- HC 6: Minimize Workplace Hazard Exposure
- HC 7: Reduce Urban Heat Island Effect
- HC 8: Prioritize Sustainable Economic Development



of at-risk community members reached through disaster response education programs



of resilience centers established



of farmworkers served by extreme-heat wage replacement and/or utility assistance programs

