



APPENDIX A: 2026-27 PRIORITY CAAP ACTIONS

This Appendix outlines the 66 CAAP Actions being advanced—in part or full—in 2026 and/or 2027 (up from 56 in 2025). Priority actions consist primarily of Phase I actions, but includes some Phase II actions that are undergoing preliminary development. These actions were identified by the Green Team and other key external implementing partners, including the Yolo County Resource Conservation District, Yolo Transportation District, and the Yolo County Flood Control and Water Conservation District.

Strategy 1 - Decarbonize Transportation

Measure DT 1: Electrify County Fleet

- DT 1A - Install EV charging stations at County facilities to facilitate the use of County-owned EVs. [\[PHASE I\]](#)
- DT 1B - Replace County light-duty gasoline- and diesel-fueled vehicles with EVs. [\[PHASE I\]](#)
- DT 1D - Coordinate with Yolo Transportation District to develop and implement a countywide EV shuttle plan and apply for grant funding to purchase EV shuttles. [\[PHASE I\]](#)

Measure DT 2: Install Electric Vehicle Charging Infrastructure

- DT 2A - Install EV charging stations at nonresidential public parking areas within unincorporated Yolo County using findings from the forthcoming ZEV Action Plan and regional Electrify Yolo project. [\[PHASE I\]](#)
- DT 2E - Apply for State grants to fund the installation of EV chargers within locations designated by the forthcoming countywide ZEV Action Plan. [\[PHASE I\]](#)

Measure DT 3: Encourage Transition to Electric Vehicles

- DT 3A - Coordinate with school districts and transit agencies in development of the countywide ZEV Action Plan. [\[PHASE I\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 2 - Reduce Vehicle Miles Traveled

Measure VMT 1: Reduce Single-Occupancy Vehicle Trips

- VMT 1A - Coordinate with Yolo Transportation District and Yolo Commute to develop and implement a farmworker commute reduction program that includes evaluation of best practices to coordinate and/or encourage farmworker shuttles to transport farmworkers to and from the fields and farms where they work. [\[PHASE I\]](#)
- VMT 1B - Coordinate with the Yolo Transportation District to implement the Yolo Active Transportation Corridors Plan (YATC) and ensure the plan provides feasible and reasonable bicycle and pedestrian infrastructure solutions (including secure bike storage) for Yolo County's unincorporated areas. Focus on adding bike lanes that connect people to destinations in populated areas within Yolo County or rural areas that are adjacent to existing communities. Pedestrian network improvements would be prioritized in key areas in need of sidewalks, which would be identified based on past pedestrian accidents, and safe routes to schools within residential neighborhoods would be developed (acknowledging that sidewalks are the responsibility of the landowner once installed). [\[PHASE I\]](#)
- VMT 1D - Coordinate with Yolo Commute to use County facilities (community centers, libraries, or other appropriate facilities) to provide a place for residents to go and receive electric bike (e-bike) subsidies. Also use County facilities for e-bike safety training sessions. Coordinate with the California Department of Transportation (Caltrans) and Health and Human Services Agency (HHSA) to ensure educational materials for e-bike safety (e.g., bike helmet use) are provided community-wide to increase e-bike usage while emphasizing safety. Coordinate with Yolo Unified School District to encourage e-bike use with a focus on middle schools. [\[PHASE I\]](#)

VMT 2. Encourage Transit-Oriented and Infill Development

- VMT 2A - Work with municipalities to improve bike, pedestrian, and bus connections from unincorporated areas to transit centers and TOD. [\[Phase II\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 3 - Decarbonize Energy and Buildings and Increase Efficiency

Measure EB 1: Increase Energy Efficiency in Buildings

- EB 1C - Increase accessibility to home weatherization and energy assistance programs, focusing outreach efforts on low-income and non-English-speaking households to ensure widespread access to these programs. [\[PHASE I\]](#)
- EB 1D - Develop policies and incentive programs to implement energy efficiency retrofits for existing residential, commercial, and industrial buildings, such as upgrading lighting and replacing energy-intensive appliances and equipment with more-efficient systems (such as Energy Star-rated equipment and equipment controllers). Continue to implement Property Assessed Clean Energy (PACE) program to promote energy efficiency retrofits. [\[PHASE I\]](#)
- EB 1G - Review community infrastructure investments and create a priority list of candidates for retrofits that implement nature-based climate solutions across existing community infrastructure, particularly pedestrian walkways, housing, schools, transportation, stormwater, and recreational spaces. Examples include but are not limited to green schoolyards, community compost, community gardens, bioswales, urban farms, rain gardens, tree-shaded sidewalks and bike lanes, green roofs, and bioretention ponds. [\[PHASE I\]](#)
- EB 1H - Create an incentive program for secondary loop, transcritical CO₂ and/or cascade supermarket systems in place of direct expansion systems, which use emission-heavy refrigerants with high Global Warming Potential (GWP). Replace conventional direct expansion systems in supermarkets with indirect systems such as secondary loop and cascade systems. As opposed to direct expansion systems, which circulate one refrigerant from the machinery room out to the store and back to the machinery room, indirect systems employ a primary and secondary refrigerant or heat transfer fluid. [\[PHASE I\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 3 - Decarbonize Energy and Buildings and Increase Efficiency

Measure EB 2: Decarbonize and Electrify Buildings

- EB 2A - Require all natural gas appliances within County buildings be replaced with electric appliances including retrofitting the HVAC system to include heat pumps and/or combined heat and power systems (CHP). [\[PHASE I\]](#)
- EB 2B - Create incentive programs to electrify all appliances and equipment in existing commercial and residential buildings as well as industrial facilities where possible such as rebates for building retrofits. [\[PHASE I\]](#)

Measure EB 3: Increase Renewable Energy Generation and Storage

- EB 3A - Install photovoltaic (PV) solar panels at County-owned facilities. Onsite renewable systems could include PV systems on rooftops of municipal buildings, on canopies in public parking lots, and over canals, etc. [\[PHASE II\]](#)
- EB 3B - Secure funding to upgrade existing municipal building electrical infrastructure to support building electrification, battery storage integration, etc. Funding to be prioritized to facilities/projects as identified in the Inventory and Feasibility Study to Remove Fossil Fuels from County Operations. [\[PHASE I\]](#)
- EB 3c - Install battery storage systems at County-owned facilities that include electric generation from onsite renewable power systems to expand the use of zero emission electricity during times when renewable energy is not being generated. Size the renewable generation and battery storage systems such that future electric demand is fully supplied by renewable energy. [\[PHASE II\]](#)
- EB 3D - Continue to require new residential and commercial development to install solar PV systems capable of providing a proportion of the development's total projected electricity consumption and consider opportunities to amend County Code to go above and beyond existing regulation. [\[PHASE I\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 3 - Decarbonize Energy and Buildings and Increase Efficiency

Measure EB 4: Promote Sustainable Building Practices

- EB 4C - Create an education and outreach program to increase enrollment of Yolo County residents and businesses in the 100% renewable and carbon-free UltraGreen option offered by Valley Clean Energy (VCE), the local Community Choice Aggregation (CCA) program. [\[PHASE I\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 4 - Optimize Water Use

Measure W 1: Conserve and Enhance Natural Water Sources

- W 1B - Collaborate with local groundwater agency to bring the Yolo Subbasin into sustainable conditions that avoid adverse effects of chronic overdrafting, including land subsidence, degradation of water quality, and groundwater depletion. [PHASE I]
- W 1C - Support local water districts and agencies with continued restoration of riparian corridors. Where practical, remove barriers, such as aging or obsolete dams and undersized culverts, to allow streams to function naturally and restore species' access to cooler water habitats. Reconnect aquatic habitat to help fish and wildlife endure drought and adapt to climate change. [PHASE I]
- W 1D - Collaborate with Tribal governments to preserve and restore natural waterways on ancestral lands. [PHASE I]
- W 1G - Continue to support Yolo County Flood Control & Water Conservation District's (YCFCWCD) earthen canal recharge projects and trickle flow recharge projects in creeks and sloughs. [PHASE II]

Measure W 2: Encourage Efficient Water Use in Agriculture Operations

- W 2A - Partner with local farmers to implement groundwater recharge projects by flooding disused fields. [PHASE II]



2026-27 PRIORITY CAAP ACTIONS

Strategy 5 - Minimize Waste

Measure SW 1: Reduce Landfill Waste

- SW 1B - Continue a source-separated organics collection service at all County facilities. [\[PHASE I\]](#)
- SW 1C - Continue to implement three-stream recycling (trash, recycling, and compost) at all County facilities. [\[PHASE I\]](#)

Measure SW 3: Reduce Emissions from Management of Waste

- SW 3A - Coordinate and develop a diversion program for food waste that cannot be used in food recovery programs to be used by feed lots and farmers for feeding livestock. [\[PHASE I\]](#)
- SW 3E - Educate residents on proper waste sorting through school engagement and promotion of educational materials. [\[PHASE III\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 6 - Reduce Off-Road Equipment Emissions

Measure OFR 1: Increase Electric and Zero-Emission Off-Road and Landscaping Equipment Adoption

- OFR 1A - Identify types of electric and zero-emission off-road equipment that are commercially available (e.g., forklifts, loaders, welders, saws, pumps, fixed cranes, air compressors, sweepers, aerial lifts, pressure washers) and develop a plan and funding strategy to transition County-owned and operated equipment by 2030. [\[PHASE I\]](#)

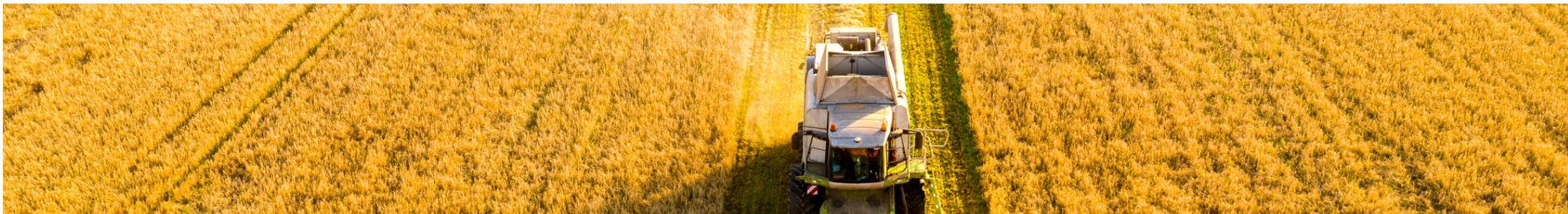
Strategy 7 - Support Climate-Smart Agriculture

Measure AG 1: Reduce Use of Chemical Inputs

- AG 1A - Work with agricultural organizations and existing partnerships to develop and expand outreach programs to inform Yolo County farmers about ways to reduce nitrogen fertilizer application with minimal effects on crop yield. [\[PHASE I\]](#)
- AG 1B - Implement practices to improve nutrient management, including reduction or replacement of synthetic nitrogen fertilizer use. (NRCS Conservation Practice Standard [CPS] 590). [\[PHASE I\]](#)

Measure AG 3: Reduce Methane Emissions

- AG 3A - Incentivize irrigation water management (such as alternated wetting and drying [AWD]) on rice field to control the volume, frequency, and application rate of irrigation water. (NRCS CPS 449). [\[PHASE I\]](#)



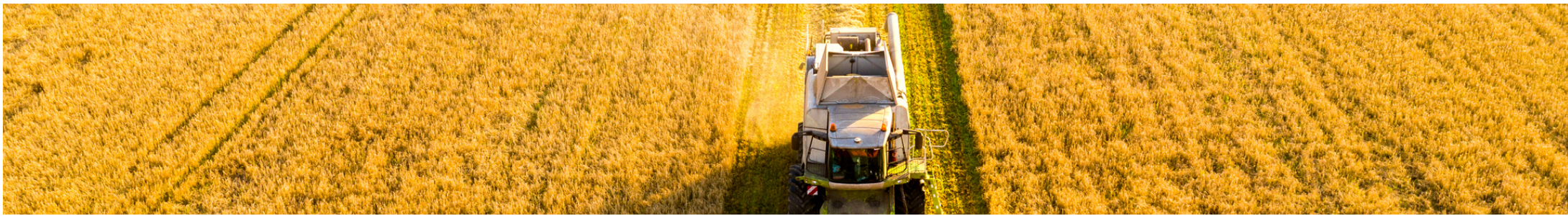
2026-27 PRIORITY CAAP ACTIONS

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

Measure NWL 1: Encourage Climate-Smart Practices in Working Lands

- **NWL 1A** - The County shall explore development of a Carbon Credit Exchange to create carbon credits within unincorporated Yolo County through implementation of climate-smart carbon sequestration practices on working lands. For the purposes of the County Carbon Credit Exchange, a carbon credit is defined as “verifiable sequestration of one metric ton of carbon dioxide equivalent not otherwise required by regulation.” The County would administer the Carbon Credit Exchange and would pay farmers that implement climate-smart sequestration practices on working lands. The County could (1) retire the carbon credits purchased to support progress in achieving the County carbon-neutral target by 2030 (and carbon negative post-2030); or (2) sell carbon credits to eligible buyers. Carbon credits sold to eligible buyers would fund the exchange program and the purchase of carbon credits from Yolo County agricultural producers. Carbon credits sold could not be used toward achieving the County’s carbon-negative target.

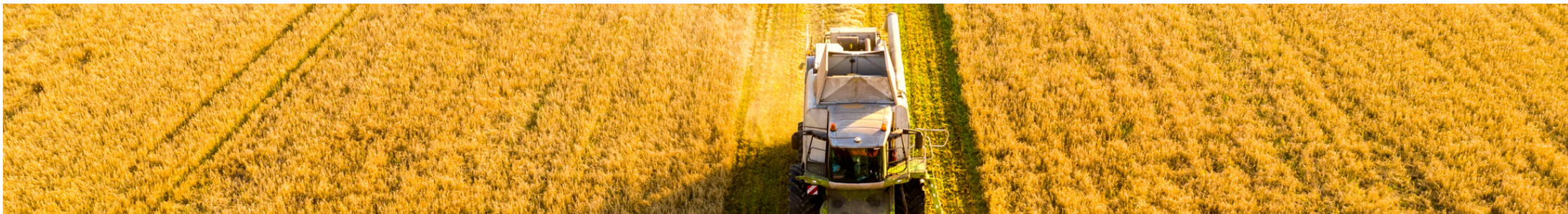
The County shall assess the feasibility of and, if deemed appropriate, develop a preliminary plan for creating the Carbon Credit Exchange. The plan shall identify challenges and opportunities and recommend next steps for establishing a transparent, accountable, and sustainable Carbon Credit Exchange program. The plan will also identify eligible and priority buyers and the geographic scope of buyers. The pricing of Carbon Credit Exchange carbon credits sold to outside entities would be based on the program’s administrative costs, the cost to farmers to implement climate-smart practices, and the cost to pay back the County for offsets it purchased and retired to achieve the agricultural sector GHG reduction target. [\[PHASE I\]](#)



2026-27 PRIORITY CAAP ACTIONS

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

- **NWL 1C - Support climate-smart practices that support carbon sequestration on working lands and provide co-benefits such as enhanced soil health, improved soil moisture retention, and/or reduced fertilizer costs. Examples of such practices include the following USDA NRCS conservation practices: [\[PHASE I\]](#)**
 - Conservation Crop Rotation (NRCS CPS 328)
 - Cover Crops (NRCS CPS 340)
 - Filter Strips (NRCS CPS 393)
 - Grassed Waterways (NRCS CPS 412)
 - Mulching (NRCS CPS 484)
 - Nutrient Management (NRCS CPS 590)
 - Residue and Tillage Management, No Till (NRCS CPS 329)
 - Residue and Tillage Management, Reduce Till (NRCS CPS 345)
 - Soil Carbon Amendments: Compost Applications (NRCS CPS 336)
 - Soil Carbon Amendments: Whole Orchard Recycling (NRCS CPS 808)
 - Stripcropping (NRCS CPS 585)
- **NWL 1D - Support Practices to Sequester Carbon on Grazing and Pastureland. Examples include the following USDA NCRS conservation practices: [\[PHASE I\]](#)**
 - Herbaceous Weed Treatment (NRCS CPS 315)
 - Prescribed Burning (NRCS CPS 338)
 - Prescribed Grazing (NRCS CPS 528)
 - Range Planting (NRCS CPS 550)
- **NWL 1E - Support implementation of Agroforestry Practices. Examples include the following USDA NRCS conservation practices: [\[PHASE I\]](#)**
 - Alley Cropping (NRCS CPS 311)
 - Hedgerow Planting (NRCS CPS 422)
 - Riparian Forest Buffer (NRCS CPS 391)
 - Riparian Herbaceous Cover (NRCS CPS 390)
 - Silvopasture (NRCS CPS 381)
 - Windbreaks/Shelterbelt Establishment and Renovation (NRCS CPS 380)



2026-27 PRIORITY CAAP ACTIONS

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

Measure NWL 2: Restore Natural Lands

- NWL 2E - Hire a Yolo County Open Space Technician. Explore opportunities to hire a technician for restoration and enhancement work within Yolo County's natural lands. The technician would be a permanent position to work in the field with Putah Creek Council, Tuleyome, Yolo County Resource Conservation District, Yolo Basin Foundation, Putah Creek Trout, Solano County Water Agency, and others who staff or volunteer for efforts on County park grounds. The position would also coordinate with government agencies for regulatory purposes and engage with the community for open space area activities that promote sustainability in the natural environment.
[PHASE I]

Measure NWL 3: Promote Stewardship of Natural Lands

- NWL 3A - Implement Grassland Stewardship in County Public Lands. Grassland practices include: [PHASE I]
 - Controlled grazing, including implementation of the County's grazing management plan(s)
 - Invasive species control and noxious weed management
 - Soil health and erosion control
 - Prescribed and cultural burning



2026-27 PRIORITY CAAP ACTIONS

Strategy 9 - Reduce Carbon Footprint of Consumption and Production

Measure RCP 1: Provide Responsible Consumption Guidance

- RCP 1A - Develop a responsible consumption incentive program that explains the benefits of changing habits that are less carbon intensive including turning off appliances and lights that are not in use; organizing vehicle trips to get the most out of each trip and reduce miles traveled; line-drying clothes instead of using the dryer; reducing single-use plastics and increasing reuse and repair; eating more fruits, vegetables, and locally grown meat, and fewer processed foods; and providing financial incentives (via partnerships with local businesses) for discounted products and other benefits. [\[PHASE I\]](#)
- RCP 1B - Develop and implement a responsible consumption education program and webpage that promotes the benefits of less-carbon-intensive practices including retain and repair instead of replace; off-peak use and turning off appliances and lights not in use; organizing vehicle trips to get the most out of each trip and reduce miles traveled; line-drying clothes rather than using a dryer; eating more locally grown fruits, vegetables, and meat, and fewer processed foods. In addition to summarizing green living practices and their benefits, the webpage will include links to sources of more detailed green and sustainable living information. Staff will also collaborate with the Yolo County Youth Commission to develop educational materials on issues of particular interest to youth such as fast-fashion waste or environmentally friendly beauty and health products and provide businesses and contractors with information on energy-efficient alternatives and less-carbon. [\[PHASE I\]](#)
- RCP 1D - Maintain and provide a list of businesses in Yolo County that are certified as Green Businesses. These businesses provide the public low-carbon services and products and engage in lower-carbon-intensity business practices. Seek partnerships with chambers of commerce to promote and educate members on green business practices and how to secure Green Business certification. [\[PHASE III\]](#)

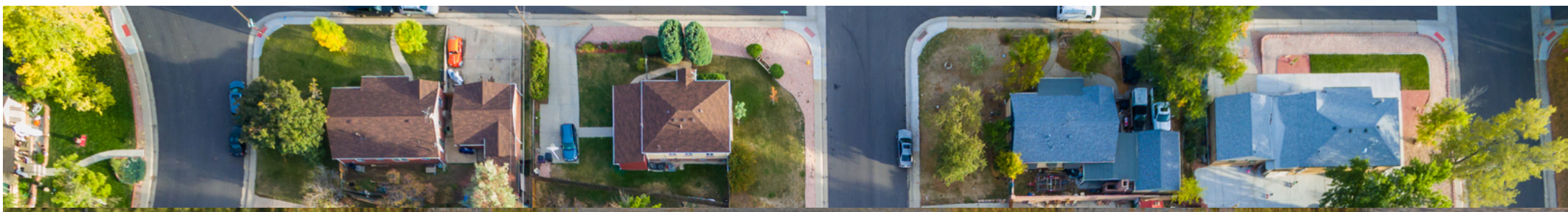


2026-27 PRIORITY CAAP ACTIONS

Strategy 9 - Reduce Carbon Footprint of Consumption and Production

Measure RCP 2: Encourage Neighborhood Carpool Program

RCP 2A - Encourage neighbors to set up a neighborhood carpool program to reduce personal vehicle miles traveled and provide more vehicle equity for families that do not own reliable transportation. [\[PHASE III\]](#)



2026-27 PRIORITY CAAP ACTIONS

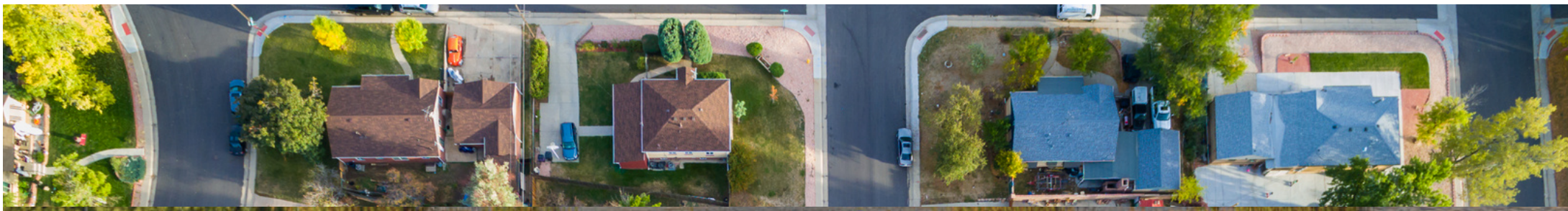
Strategy 10 - Build Resilient Infrastructure and Healthy Communities

Measure HC 1: Create Resilience Centers

- HC 1A - Develop a network of community resilience centers based in existing community hubs such as libraries, community centers, schools, nonprofits, and spaces of worship to support and coordinate resource distribution and services before, during, and after a hazardous event. [\[PHASE I\]](#)
- HC 1B - Seek grant funding to retrofit existing community hubs with climate-resilient improvements. [\[PHASE I\]](#)
- HC 1C - Seek grant funding to support current Cooling Center program, and to develop checklist for centers and transport plans for those most vulnerable and those with mobility issues. [\[PHASE I\]](#)

Measure HC 2: Improve Neighborhood Response

- HC 2B - Build community awareness and engagement with CAAP strategies through participation in local events (e.g., the County Fair), using libraries and other County facilities as resource centers. [\[PHASE I\]](#)



2026-27 PRIORITY CAAP ACTIONS

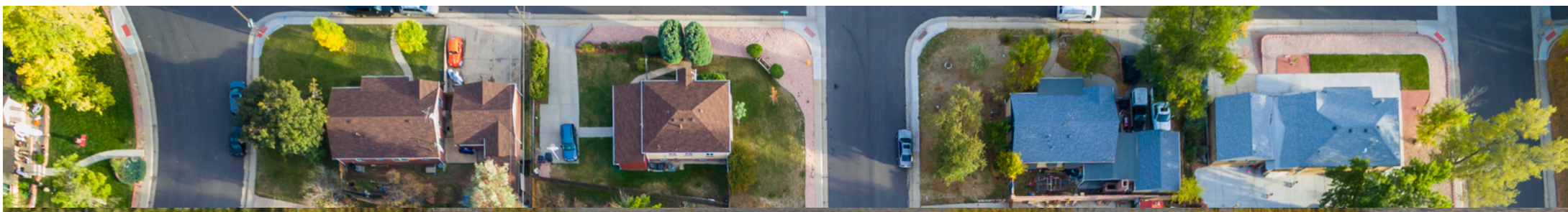
Strategy 10 - Build Resilient Infrastructure and Healthy Communities

Measure HC 3: Prepare Vulnerable Communities

- HC 3B - Inform and assist at-risk community members, including providing culturally relevant preparedness education and notification. [\[PHASE I\]](#)
- HC 3D - Partner with Citizens Advisory Committees and other local community groups to educate vulnerable communities on disaster preparedness and climate hazards. [\[PHASE I\]](#)

Measure HC 4: Improve Equitable Distribution of Resources

- HC 4B - Partner with local Community Based Organizations to connect vulnerable residents to weatherization resources. Advertise weatherization programs in public spaces, such as the library, community center, senior center, parks, and public events. [\[PHASE II\]](#)
- HC 4D - Work with YoloBus and county transportation partners to meet the evacuation needs of residents who are unable to self-evacuate during hazards. [\[PHASE II\]](#)
- HC 4F - Partner with local CBOs to connect residents to resilience funding mechanisms. [\[PHASE I\]](#)



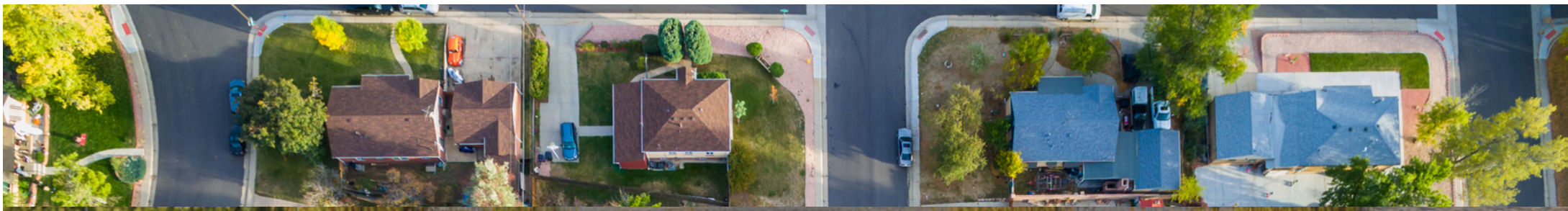
2026-27 PRIORITY CAAP ACTIONS

Strategy 10 - Build Resilient Infrastructure and Healthy Communities

Measure HC 5: Minimize Hazard Exposure

- HC 5b* - Pursue grant funding to install and maintain permeable pavement and bioswales in flood zones, areas with less than 50% permeable area, and on streets that flood regularly. [PHASE I]
- HC 5C - Maintain Emergency Evacuation Routes. Ensure that street widths, paving, and grades can accommodate emergency vehicles. [PHASE II]
- HC 5E* - Develop a green streets program to support a sustainable approach to stormwater, drainage, groundwater recharge, and landscaping and incorporate green streets standards and guidelines in all streetscape improvements. Ensure program considers applicable soil types and requirements needed to ensure proper water infiltration. [PHASE I]
- HC 5F - Update critical facilities to increase climate resilience. Such facilities include those that provide emergency service and response in the areas of health and medical; food, water, and shelter; communications; energy; transportation; and hazardous materials. Facilities that cater to large numbers should also be considered for updates, such as schools, theatres, and other public assemblies. [PHASE I]
- HC 5G - Adopt Climate Resilience Checklist for new buildings or renovated critical facilities. This checklist should evaluate if the project is within a hazard zone, how the asset would respond to damage during and after a hazard event, and equity considerations. This evaluation will support the development of adaptation measures to mitigate the identified risks. [PHASE I]

*Denotes actions scheduled to begin in 2027.

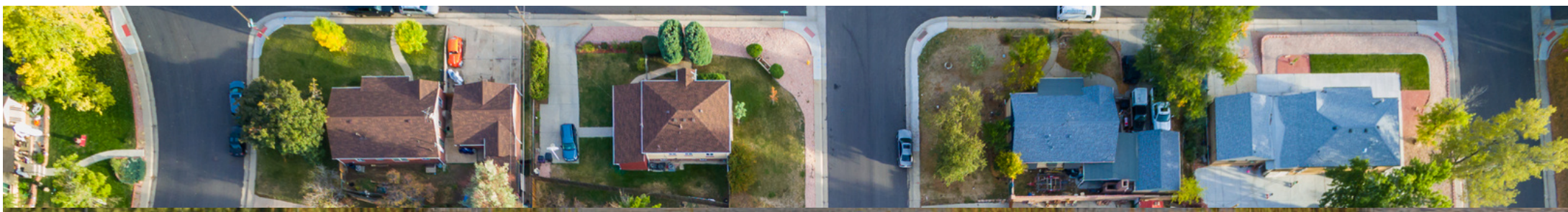


2026-27 PRIORITY CAAP ACTIONS

Strategy 10 - Build Resilient Infrastructure and Healthy Communities

Measure HC 6: Minimize Workplace Exposure

- HC 6A - Build relationships with farmworker organizations in order to identify opportunities to decrease exposure to extreme heat and establish a farmworker advisory council to provide workers with a formal role in County government and access to decision makers countywide. [\[PHASE I\]](#)
- HC 6C - Develop a farmworker resource program (through partnership with local organizations) focused on connecting farmworkers to rent and utility assistance, weatherization and resilience programs, and hazard safety trainings and healthcare. [\[PHASE I\]](#)
- HC 6D - Identify education opportunities and enforcement strategies to ensure Cal/OSHA standards on indoor and outdoor heat safety are met. [\[PHASE II\]](#)
- HC 6E - Conduct targeted monitoring of outdoor workplaces during periods of high heat to ensure compliance with established outdoor worker heat-illness prevention regulations. [\[PHASE II\]](#)



2026-27 PRIORITY CAAP ACTIONS

Strategy 10 - Build Resilient Infrastructure and Healthy Communities

Measure HC 7: Reduce Urban Heat Island Effect

- HC 7a* - Amend the municipal code to address Urban Heat Island Effect (UHIE). [PHASE I]
- HC 7F - Support parks acquisition and conservation strategies to enable park climate and equity goals and establish greenbelts. Seek opportunities to enhance groundwater recharge where possible. [PHASE I]
- HC 7G - Develop community canopy program to expand tree planting, prioritizing areas experiencing urban heat island effect. [PHASE I]

Measure HC 8: Prioritize Sustainable Economic Development

- HC 8A - Develop green jobs program to provide employment opportunities for local youth and adults including job training in EVs, electric equipment, building electrification, and other climate-related sectors. [PHASE II]

*Denotes actions scheduled to begin in 2027.