

APPENDIX G

IMPLEMENTATION AND MONITORING

Implementation and Monitoring

STRATEGY 1 DECARBONIZE TRANSPORTATION

Strategy 1 Decarbonize Transportation

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
DT 1. Electrify County Fleet	DT 1a. Install electric vehicle (EV) charging stations at County facilities to facilitate the use of County-owned EVs.	Municipal Action	County Initiative	Requirement	General Services Department; Community Services Department, Fleet Management	Number of charging stations at County-owned facilities.	Quantified	Municipal: Secure at least 20 charging stations and replace the oldest 20% of vehicles with EVs by 2027. Convert entire fleet to EV with sufficient chargers by 2030.	<ul style="list-style-type: none"> Alternative Fuel Vehicle Refueling Property Credit Clean Mobility Options Voucher Pilot Program Clean Vehicle Rebate Project Commercial Clean Vehicle Credit Communities in Charge Empower EV Innovative Small e-Fleet Pilot Program Planning and Capacity Building Grant Strengthening Mobility and Revolutionizing Transportation Sustainable Transportation Equity Project 	<ul style="list-style-type: none"> Yolo Transportation District (YoloTD) Zero Emission Bus Rollout Plan (completed 2023) Zero Emission Bus Implementation Plan (not started) 	<ul style="list-style-type: none"> Cool Davis Davis Electric Vehicle Association Local farmworker groups Local farmworker employers Pacific Gas and Electric (PG&E) Sacramento Area Council of Governments Valley Clean Energy (VCE) YoloTD Yolo Solano Air Quality Management District (YSAQMD) 	Phase 1
	DT 1b. Replace County light-duty gasoline- and diesel-fueled vehicles with EVs.	Municipal Action	County Initiative	Requirement	Community Services Department, Fleet Management	Percentage of EVs compared to internal combustion engine vehicles in the County fleet.						Phase 1
	DT 1c. Provide an internal County education program focused on the advantages of EVs per the forthcoming Yolo County Zero-Emission Vehicle Action Plan (ZEV Action Plan), highlighting the transition implications within the new fleet policy.	Municipal Action	Program	Incentive	Community Services Department, Fleet Management, Sustainability Division	Number of training sessions conducted; number or percentage of staff who have attended trainings.						Phase 2
	DT 1d. Coordinate with Yolo TD to develop and implement a countywide EV shuttle plan and apply for grant funding to purchase EV shuttles.	Community-Wide Action and Adaptation	Plan	Incentive	Sustainability Division	Date that plan and/or research are completed. Amount of grant funding obtained.						Phase 1
	DT 1e. Develop County-facility EV charging plans that maximize EV	Municipal Action	County Initiative	Requirement	Sustainability Division and Fleet Management	Proportion of EV charging load at County facilities						Phase 2

Strategy 1 Decarbonize Transportation

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	charging during solar peak hours.					during solar peak hours.						
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.	Community-Wide Action	Infrastructure	Incentive	General Services Department and Sustainability Division	Number of EV chargers installed at nonresidential public parking areas in unincorporated Yolo County.	Quantified	Community-wide: 20% of County population drives an EV or plug-in hybrid EV (PHEV) by 2027, 30% of County population drives an EV/PHEV by 2030, and 90% by 2045.	<ul style="list-style-type: none"> California Electric Vehicle Infrastructure Project Charging and Fueling Infrastructure Discretionary Grant Program Charging Infrastructure Grant Program Convenient High-Visibility Low-Cost Level 2 Charging Communities in Charge EV Charge/ EV Fleet Fast and Available Charging for All Californians National Electric Vehicle Infrastructure Formula Program Rural Energy for America Program Sustainable Transportation Equity Project 	<ul style="list-style-type: none"> Local Community Area Plans Yolo County General Plan Transportation Element 	<ul style="list-style-type: none"> County Assessor's Office Municipal governments within Yolo County PG&E Regional Grant Authorities UC Davis VCE 	Phase 1
	DT 2b. Develop pilot vehicle-grid integration applications at County facilities to maximize the benefits that daytime charging for plug-in EVs can have on the grid, including demand response to reduce peak loads and energy storage during periods of renewable overproduction.	Community-Wide Action	Plan	Requirement	Department of Community Services, Fleet Management	Number of County facilities participating in the pilot program. Kilowatt-hours of electricity supplied and stored in EVs participating in the vehicle-grid integration program.						Phase 2
	DT 2c. Develop an incentive program to encourage building owners to install EV supply equipment.	Community-Wide Action	Program	Incentive	Planning Division and Building Division	Value of incentives provided to building owners. Number of buildings implementing EV supply retrofits. Number of chargers installed using funds from incentive program.						Phase 1

Appendix G: Implementation and Monitoring

Strategy 1 Decarbonize Transportation

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	DT 2d. Adopt an ordinance to require California Green Building Standards (CALGreen) Tier 2 standards or similar EV charging requirements for EV receptacles and supply equipment for new residential and nonresidential construction.	Community-Wide Action	Ordinance	Requirement	Planning Division and Building Division	Date of ordinance adoption.						Phase 1
	DT 2e. Apply for State grants to fund the installation of EV chargers within locations designated by the forthcoming countywide ZEV Action Plan.	Community-Wide Action	Grant	N/A	General Services Department and Sustainability Division	Number of State grants won, and value of funds awarded.						Phase 1
DT 3. Encourage Transition to Electric Vehicles	DT 3a. Coordinate with school districts and transit agencies in development of the countywide ZEV Action Plan.	Community-Wide Action	Plan	Incentive	Sustainability Division	Number of agencies contacted for input in ZEV action plan. Date of input/guidance received.	Supportive	N/A	<ul style="list-style-type: none"> Agricultural Worker Vanpools Clean Mobility Options Voucher Pilot Program Innovative Small e-Fleet Pilot Program Planning and Capacity Building Grant Strengthening Mobility and Revolutionizing Transportation Sustainable Transportation Equity Project 	<ul style="list-style-type: none"> Relevant State regulations YoloTD Zero Emission Bus Rollout Plan Yolo County General Plan Transportation Element Zero Emission Bus Implementation Plan (to be completed) 	<ul style="list-style-type: none"> American Automobile Association Yolo County School Districts, including Woodland Local Department of Motor Vehicles locations Local car dealerships PG&E VCE YoloTD 	Phase 1
	DT 3b. Develop a low-cost neighborhood EV sharing program for integrating a suite of low-speed, zero-emission vehicles for micromobility within a defined area. The program should be prioritized in low- and very-low-	Community-Wide Action	Program	Incentive	Sustainability Division, Yolo County Libraries	Number of vehicles procured and deployed for the program. Vehicle miles traveled using program vehicles, and average distance of trips. Survey results on program utilization from residents in						Phase 2

Strategy 1 Decarbonize Transportation

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	income neighborhoods to provide better EV equity within the unincorporated Yolo County area. EV chargers for this program should be considered and prioritized in the forthcoming countywide ZEV Action Plan. Libraries and/or existing bus stops can serve as hubs. Critical populations, such as those in Madison/Esparto and Knights Landing, should be prioritized.					areas where program vehicles are deployed.						
	DT 3c. Develop and implement a countywide education program that educates residents and businesses on the advantage of EVs.	Community-wide Action	Program	Incentive	Sustainability Division	Number of participants in program.						Phase 2
	DT 3d. Develop an ordinance to require Transport Refrigeration Units (TRUs) and auxiliary power units (APUs) to utilize electric plug-in units at loading docks, if capable.	Community-Wide Action	Ordinance	Requirement	Planning Division and Building Division	Date of ordinance adoption.						Phase 1
	DT 3e. Develop EV truck incentive pilot program for large-scale mining	Community-Wide Action	Program	Incentive	Natural Resources Division	Value of incentives provided. Number of EV						Phase 3

Appendix G: Implementation and Monitoring

Strategy 1 Decarbonize Transportation

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	and gravel operations within Yolo County.					trucks procured using incentive funds.						
	DT 3f. Update the zoning code to specify that subdivided land that is used to build an EV fuel station offering 100% renewable, carbon-neutral, or carbon-negative fuel is not required to have a building.	Community-Wide Action	Ordinance	Requirement	Planning Division	Date of change to zoning code.						Phase 1
	DT 3g. Update the zoning code to exempt up to two EV charging stations from non-conforming use requirements and/or Conditional Use Permits when added to an existing business or property when it does not require additional non-conforming construction.	Community-Wide Action	Ordinance	Requirement	Planning Division	Date of change to zoning code.						Phase 2
DT 4. Encourage Transition to Other Zero-Emission Vehicle Technologies	DT 4a. Research and develop program to support the transition to hydrogen fuel for medium- and heavy-duty vehicles.	Community-Wide Action	Research Program	N/A	Sustainability Division	Completion of research and/or program. Date of program implementation.	Supportive	N/A			<ul style="list-style-type: none"> ▪ Local distribution centers ▪ Municipal governments within Yolo County ▪ Private sector fleet operators 	Phase 3

INTENTIONALLY LEFT BLANK

Implementation and Monitoring

STRATEGY 2 REDUCE VEHICLE MILES TRAVELED

Strategy 2 Reduce Vehicle Miles Traveled

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
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.	Community-Wide Action	Program	Incentive	Department of Agriculture; Sustainability Division	Number of participants in farmworker commute program.	Supportive	N/A	<ul style="list-style-type: none"> Yolo 80/Sac-5 Managed Lanes ongoing toll revenue Yolo 8/Sac-5 Managed Lanes Capital project VMT Reduction Fund 	<ul style="list-style-type: none"> Yolo Commute Incentives and Programs YATC 	<ul style="list-style-type: none"> City of West Sacramento City of Davis City of Woodland Delta Protection Commission Farmworker groups/employers Sacramento Area Council of Governments Yolo Commute YoloTD 	Phase 1
	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	Community-Wide Action	Plan	Incentive	Sustainability Division; Public Works Division	Sidewalk/ bikelane coverage percentage or linear feet of coverage.						

Appendix G: Implementation and Monitoring

Strategy 2 Reduce Vehicle Miles Traveled

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	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).											
	VMT 1c. Develop and implement a carpool/vanpool program for County staff that includes incentives for staff who participate. Consider adoption of an ordinance requiring employers that employ 200 or more employees to include an employer-sponsored vanpool	Municipal and Community-Wide Action	Program and Ordinance	Incentive	Sustainability Division	Date of program adoption. Number of participants in program. Number of participating vehicles and vehicle miles traveled as part of the program.						Phase 3

Appendix G: Implementation and Monitoring

Strategy 2 Reduce Vehicle Miles Traveled

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	program for relevant/applicable community hubs. Coordinate with Yolo Commute to provide additional funding to incentivize vanpooling for employers across Yolo County.											
	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 (HHS) to ensure educational materials for e-bike safety (e.g., bike helmet use) are provided community-wide to increase e-bike usage while	Community-Wide Action	Subsidy	Incentive	County Green Team, Parks Division, Yolo County Libraries, Sustainability Division	Number of County facilities participating in program. Number of residents applying for e-bike subsidies and attending training sessions. Number of residents contacted with outreach materials.						Phase 1

Appendix G: Implementation and Monitoring

Strategy 2 Reduce Vehicle Miles Traveled

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase	
	emphasizing safety. Coordinate with Yolo Unified School District to encourage e-bike use with a focus on middle schools.												
VMT 2. Encourage Transit-Oriented and Infill Development	VMT 2a. Review locations of high-quality transit centers and adjacent transportation on demand (TOD) within the municipalities and coordinate with the municipalities to develop better connectivity to the transit centers and TOD within unincorporated Yolo County through bike and pedestrian paths, bus routes, etc.	Community-Wide Action	Research	Incentive	Planning Division, Public Works	Number of locations assessed as transit centers. Completion of review process. Number of joint TOD connectivity projects with municipalities in Yolo County completed.	Supportive	N/A		<ul style="list-style-type: none"> Yolo County General Plan 	<ul style="list-style-type: none"> Yolo Commute Yolo County Housing 	Phase 2	
	VMT 2b. Adopt an ordinance that will require TOD development to join Yolo Commute as a condition of approval.	Community-Wide Action	Ordinance	Requirement	Planning Division	Date of ordinance adoption.							Phase 3
	VMT 2c. If another round of funding is approved, apply to the Regional Early Action Planning Grants (REAP) program to explore options to accelerate infill development that facilitates housing supply, choice, and affordability, and	Community-Wide Action	Grant		Incentive	Planning Division	Date of submitted application. Amount of funding received from REAP program, if grant is awarded to the County.						

Appendix G: Implementation and Monitoring

Strategy 2 Reduce Vehicle Miles Traveled

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	realizes multimodal communities.											
	VMT 2d. Investigate feasibility of the Housing Relocation-Subsidy Program (HRSP).	Community-Wide Action	Research	Incentive	Planning Division	Completion of HRSP program feasibility study.						Phase 2

INTENTIONALLY LEFT BLANK

Implementation and Monitoring

STRATEGY 3 DECARBONIZE ENERGY AND BUILDINGS AND INCREASE ENERGY EFFICIENCY

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase	
EB 1. Increase Energy Efficiency in Buildings	EB 1a. Implement energy efficiency retrofits across County facilities, including the installation of cool roofs and replacement of all incandescent and fluorescent lighting with LED lighting.	Municipal Action	County Initiative	Requirement	General Services Department; Sustainability Division	Energy reduction (kilowatt-hours [kWh]) caused by the energy efficiency retrofits in County facilities.	Quantified	Community-wide: Yolo County cool roof and green roof participation rate reaches 20% by 2027, 30% by 2030, and 50% by 2045.	<ul style="list-style-type: none"> Building Codes Implementation for Efficiency and Resilience Program Community Air Grants Community Change Grants Community Composting for Green Spaces Grant 	<ul style="list-style-type: none"> California Green Building Standards (CALGreen) Yolo County General Plan, Land Use and Community Character Element and Conservation and Open Space Element 	<ul style="list-style-type: none"> YSAQMD Yolo County Housing (YCH) Yolo County GIS and Assessor's Office Woodland Coalition for Green Schools PG&E Valley Clean Energy (VCE) 	Phase 1	
	EB 1b. Incentivize residents and businesses to install cool roofs and green roofs by providing educational materials about their costs and benefits and by offering loans, grants, and/or rebates to property owners who install them.	Community-Wide Action	Program	Incentive	Sustainability Division	Number and square footage of cool roofs and green roofs installed.		Yolo County PACE and California Solar Initiative participation rate reaches 10% by 2027, 15% by 2030, and 32% by 2045. Municipal: Convert all interior lights to LED by 2030. Replace all roofs with cool roofing by 2030.	<ul style="list-style-type: none"> California Alternate Rates for Energy (CARE) Disadvantaged Communities – Single-Family Solar Homes (DAC-SASH) program Environmental and Climate Justice Program (ECJ Program) Energy Efficacy Financing (EEF) Energy Efficient Home Improvement Credit Energy Efficient Commercial Building Deduction, Energy Efficiency and Conservation Block Grant Program (EECBG) Energy Savings Assistance (ESA) Program Family Electric Rate Assistance (FERA) Fluorinated Gases Emission Reduction Incentives 			Phase 2	
	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.	Community-Wide Action	Program	Incentive	Sustainability Division	Number of households reached with program accessibility information.							Phase 1
	EB 1d. Develop policies and incentive programs to implement energy efficiency	Community-Wide Action	Program	Incentive	Sustainability Division; Building Division	Energy reduction (kWh) caused by energy efficiency retrofits.							Phase 1

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	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 PACE program to promote energy efficiency retrofits.								<ul style="list-style-type: none"> ▪ Food Waste Prevention and Rescue Grants ▪ Golden State Rebates Program ▪ GoGreen Financing ▪ Green and Resilient Retrofit Program (GRRP) ▪ High-Efficiency Electric Home Rebate Act (HEEHRA) ▪ Home Energy Rebate Programs (HERP) ▪ Low Income Home Energy Assistance Program (LIHEAP) ▪ Low-Income Weatherization Program (LIWP) ▪ Multifamily Energy Savings (MFES) Program ▪ Multi-Family Energy Efficiency and Renewables (MF) ▪ Organic Grants ▪ Organics and Recycling Manufacturing Loans ▪ Pacific Gas and Electric (PG&E) Rebates ▪ Rural Energy For America Program (REAP) ▪ Solar for All (SFA) ▪ Self-Generation Investment Program (SGIP) ▪ SB 1383 Local Assistance Grants 			
	EB 1e. Expand the Electrification Retrofit Rebate Outreach Program (ERRO) to include a Low-Income Residential Energy Efficiency and Renewable Energy Retrofit Program. The program will identify pre-1978 residential units owned or occupied by low- and very-low-income households within disadvantaged communities and will provide energy audits and retrofit recommendations for the homes, financial assistance to avoid rent	Community-Wide Action	Program	Incentive	Sustainability Division; Building Division	Number of audits and retrofit recommendations provided. Amount of financial assistance provided. Energy reduction (kWh) caused by energy efficiency retrofits.						Phase 2

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	increases tied to electrification/ efficiency retrofits, and assistance through grant funding to retrofit the homes with PV solar and various energy efficiency upgrades, including electrification.								<ul style="list-style-type: none"> Technical Assistance for the Adoption of Building Energy Codes Urban Greening Program Urban & Community Forestry (UCF) Weatherization Assistance Program (WAP) 			
	EB 1f. Develop and distribute materials to assist renters with implementing energy efficiency improvements.	Community-Wide Action and Adaptation	Education/ Outreach	N/A	Sustainability Division	Number of materials distributed.						Phase 1
	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;	Community-Wide Action and Adaptation	Research	N/A	Sustainability Division; Planning Division	Completion of the retrofit priority list and monitoring of the number of retrofits finalized.						Phase 1

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	bioswales; urban farms; rain gardens; tree-shaded sidewalks and bike lanes; green roofs; and bioretention ponds.											
	EB 1h. Create an incentive program to replace conventional supermarket direct expansion systems, which use emission-heavy refrigerants with high global warming potential (GWP), with indirect systems such as secondary loop, transcritical CO2, and/or 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.	Community-Wide Action	Program	Incentive	Sustainability Division; Planning Division, Building Division	Number of incentives distributed.						Phase 1
	EB 1i. Research and develop an education and incentive program to encourage use and replacement of air conditioning	Community-Wide Action	Program	Incentive	Sustainability Division; Building Division	Number of educational materials and incentives distributed.						Phase 3

Appendix G: Implementation and Monitoring

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	units with lower-GWP refrigerants.											
	EB 1j. Update the Yolo County building code to require installation of more-efficient alternatives to conventional furnaces or air conditioners, such as heat pumps and whole house fans, in new developments.	Community-Wide Action	Ordinance	Requirement	Planning Division, Building Division	Date of building code update.						Phase 1
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).	Municipal Action	Ordinance	Requirement	Department of General Services, Facilities	Number of County buildings with full retrofits completed.	Quantified	Community-wide: Fully electrify 35% of buildings by 2027, 75% of buildings by 2030, and 10% by 2045.	<ul style="list-style-type: none"> Building Codes Implementation for Efficiency and Resilience Program Building Initiative for Low-Emissions Development (BUILD) Program Electric Home Incentives Energy Efficacy Financing (EEF) Energy Efficient Commercial Building Deduction, Energy Efficiency and Conservation Block Grant Program (EECBG) Golden State Rebates Program High-Efficiency Electric Home Rebate Act (HEEHRA) Home Energy Rebate Programs (HERP) PG&E Rebates 	California State Building Standards	<ul style="list-style-type: none"> YSAQMD VCE 	Phase 1
	EB 2b. Create incentive programs, such as rebates for building retrofits, to electrify all appliances and equipment in existing residential, commercial, industrial, and agricultural buildings and facilities where possible.	Community-Wide Action	Program	Incentive	Sustainability Division, Building Division	Number of buildings fully electrified.						Phase 1
	EB 2c. Adopt an ordinance by 2027	Community-Wide Action	Ordinance	Requirement	Planning Division, Building Division	Date of ordinance adoption.						Phase 1

Appendix G: Implementation and Monitoring

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	that all new development (residential and nonresidential [commercial, industrial, and agricultural]) is required to install all-electric equipment or zero-GHG-emission equipment.								<ul style="list-style-type: none"> Self-Generation Investment Program (SGIP) 			
	EB 2d. Partner with agricultural organizations to develop an outreach and incentives program to encourage farmers to improve pump efficiency, with a goal of electrification of all agricultural pumps.	Community-Wide Action	Program	Incentive	Sustainability Division; Department of Agriculture	Number of agricultural pumps electrified. Amount of outreach and incentives distributed.						Phase 3
EB 3. Increase Renewable Energy Generation and Storage	EB 3a. Install photovoltaic (PV) solar panels at County-owned facilities. On-site renewable systems could include PV systems on rooftops of municipal buildings, on canopies in public parking lots, over irrigation canals, etc.	Municipal Action	County Initiative	Requirement	Department of General Services, Facilities; Planning Division; Sustainability Division	Energy generation (kWh) of solar panels installed at County-owned facilities.	Quantified	Community-wide: Install PV systems in 70% of new residential developments by 2027, 80% of new residential developments by 2030, and 95% of new residential developments by 2045.	<ul style="list-style-type: none"> Adaptation Planning Grant Program Backup Power Support Building Codes Implementation for Efficiency and Resilience Program CPUC Community Microgrid Program Energy Efficacy Financing (EEF) Energy Efficient Commercial Building Deduction Energy Efficiency and Conservation Block Grant Program (EECBG) Golden State Rebates Program 	<ul style="list-style-type: none"> California State Building Standards, Part 6 (Building Energy Efficiency Standards) Yolo County Zoning Code CPUC Microgrids Rulemaking (SB 1339) 	<ul style="list-style-type: none"> Yolo County Farm Bureau VCE 	Phase 2
	EB 3b. Secure funding to upgrade existing municipal building electrical infrastructure to support building	Municipal Action	County Initiative	S	Department of General Services; Sustainability Division	Amount of funding secured. Amount of municipal buildings with electrical		Install PV systems in 20% of new commercial developments by 2027, 40% of				

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	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.					infrastructure upgraded.		new commercial developments by 2030, and 70% of new commercial developments by 2045.	<ul style="list-style-type: none"> High-Efficiency Electric Home Rebate Act (HEEHRA) Home Energy Rebate Programs (HERP) National Clean Investment Fund (NCIF) PG&E Rebates Renewable Generation Self-Generation Bill Credit (RES-BCT) Self-Generation Investment Program (SGIP) Technical Assistance for the Adoption of Building Energy Codes 			
	EB 3c. Install battery storage systems at County-owned facilities that include electric generation from on-site renewable power systems to expand the use of zero-emission electricity during times when renewable energy is not being generated.	Municipal Action	County Initiative	Requirement	Department of General Services	Number and storage capability of battery storage systems installed at County-owned facilities.		Install PV systems in 15% of existing residential developments by 2027, 20% of existing residential developments by 2030, and 35% of existing residential developments by 2045.				Phase 1
	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.	Community-Wide Action	Ordinance	Requirement	Planning Division, Building Division	Percentage of new residential and commercial developments with PV systems installed. Electricity generation (kWh) of installed systems.		Install PV systems in 10% of existing commercial developments by 2027, 15% of existing commercial developments by 2030, and 32% of existing commercial developments by 2045. Municipal: By 2030, 25% of generated electricity is provided back to the grid.				Phase 1

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	EB 3e. Develop an outreach and incentive program to help facilitate adoption of enhanced solar PV system requirements. Incentives like direct subsidies for lower-income households should be considered.	Community-Wide Action	Program	Incentive	Sustainability Division	Amount of outreach materials and incentives distributed. Number and electricity generation (kWh) of enhanced PV systems adopted in existing residential and commercial development.						Phase 2
	EB 3f. Facilitate the creation of community solar or wind projects (with storage to capture excess generation at off-peak-demand hours) that residents and businesses can invest in or subscribe to. Create a feasibility program evaluating access to community solar projects for Yolo County residents.	Community-Wide Action	Program	N/A	Planning Division	Amount and electricity generation (kWh) of community solar and wind projects.						Phase 2
	EB 3g. Develop a publicly accessible community energy map that identifies opportunities for deploying distributed energy resources and microgrids to improve energy resiliency.	Community-Wide Action	Research	N/A	Planning Division, GIS	Date of map development.						Phase 2

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	EB 3h. Partner with local utility to facilitate managed microgrids, which offer the opportunity to deploy more zero-emission electricity sources, thereby reducing GHG emissions. Create a feasibility program for battery-backed microgrids throughout Yolo County.	Municipal and Community-Wide Action and Adaptation	Research	N/A	Planning Division, Sustainability Division	Number of microgrids established.						Phase 2
	EB 3i. Facilitate deployment of renewable energy production, distribution, and storage systems on privately owned land uses (e.g., through permit streamlining and information sharing).	Community-Wide Action	Ordinance	N/A	Planning Division	Number of renewable energy production, distribution, and storage systems established.						Phase 2
	EB 3j. Develop a farmer-to-farmer workshop program promoting opportunities for on-farm renewable energy generation facilities through demonstration projects, including use of agrivoltaics.	Community-Wide Action	Education/ Outreach	N/A	Department of Agriculture; Sustainability Division; Yolo County Resource Conservation District	Number of participants in the program.						Phase 2
	EB 3k. Explore feasibility/grant funding to support a program that would waive County permit fees for projects that	Community-Wide Action	Program	Incentive	Planning Division, Building Division	Date of completion of exploration of feasibility and grant funding.						Phase 2

Appendix G: Implementation and Monitoring

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	convert tailwater-return pumps to solar power.											
EB 4. Procure Zero-Carbon Electricity	EB 4a. Enroll all Yolo County municipal electric accounts not covered by existing County solar/ renewable projects into UltraGreen via Valley Clean Energy (VCE) or the similar PG&E "Green Saver" program.	Municipal and Community-Wide Action	County Initiative	Requirement	Sustainability Division; Department of General Services	Number of municipal electric accounts enrolled into UltraGreen or Green Saver.	Quantified	Community-wide: Local utility demand response program participation rate reaches 80% by 2027, 90% by 2030, and 100% by 2045. VCE UltraGreen power option adoption rate among residential land uses reaches 50% by 2027, 75% by 2030, and 100% by 2045. VCE UltraGreen power option adoption rate among commercial land uses reaches 20% by 2027, 50% by 2030, and 75% by 2045.	<ul style="list-style-type: none"> ▪ Clean Communities Investment Accelerator ▪ Disadvantaged Communities - Green Tariff (DAC-GT) 	<ul style="list-style-type: none"> ▪ VCE CCA Program 	<ul style="list-style-type: none"> ▪ Cool Davis ▪ VCE 	Phase 1
	EB 4b. Continue to facilitate participation in existing demand response program(s) created by local utilities (PG&E and VCE). Such programs could include time-based rates or time-of-use pricing, critical peak pricing, or critical peak rebates, and should provide outreach materials that are accessible to all residents, including non-English speakers.	Community-Wide Action	Education/ Outreach	N/A	Sustainability Division	Number of participants in demand response programs.		Phase 3				
	EB 4c. Create an education and outreach program to increase enrollment of Yolo County residents and businesses in the 100%	Community-Wide Action	Education/ Outreach	N/A	Sustainability Division	Number of residents and businesses reached by the outreach program.		Phase 1				

Strategy 3 Decarbonize Energy and Buildings and Increase Energy Efficiency

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	renewable and carbon-free UltraGreen option offered by VCE, the local Community Choice Aggregation (CCA) program.											
	EB 4d. Provide incentives to offset the extra cost to residents of opting into VCE's UltraGreen power option and to complement outreach efforts aimed at adoption of VCE's 100% renewable and carbon-free electricity portfolio option. Focus this effort on low-income consumers, especially those enrolled in the California Alternate Rates for Energy (CARE) and Family Electric Rate Assistance (FERA) programs.	Community-Wide Action	Program	Incentive	Sustainability Division	Value of incentives provided to residents.						Phase 2

INTENTIONALLY LEFT BLANK

Implementation and Monitoring

STRATEGY 4 OPTIMIZE WATER USE

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase	
W 1. Conserve and Enhance Natural Water Sources	W 1a. Acquire land and construct setback levees, which allow streams to return to a more natural flow regime, slow down overland flow, and enhance groundwater infiltration. Ensure flows in rivers and streams are sufficient to provide key ecological and climate-resilience functions.	Community-wide Adaptation	Infrastructure	N/A	Natural Resources Division; Local Reclamation Districts	Number of streams and rivers monitored for flow rates and water quality. Status of land acquisition and setback levee construction.	Supportive	N/A		<ul style="list-style-type: none"> City of Woodland aquifer storage and recovery program Yolo County area and community plans (e.g., Knights Landing) Yolo County Department of Integrated Waste Management existing program Yolo County Habitat Conservation Plan 	<ul style="list-style-type: none"> Cache Creek Conservancy Local and State water resource and reclamation districts Yolo County Flood Control & Water Conservation District (YCFWCWD) Yolo Subbasin Groundwater Agency Yolo Habitat Conservancy 	Phase 2	
	W 1b. Collaborate with local groundwater agency to bring Yolo Subbasin into sustainable conditions that avoid adverse effects of chronic overdrafting, including land subsidence, degradation of water quality, and groundwater depletion.	Community-wide Action and Adaptation	Program	N/A	Potential Community Partners/ Agencies	Number of meetings with local groundwater agency.							Phase 1
	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	Community-wide Adaptation	Program	N/A	Natural Resources Division	Number of meetings with local water districts and agencies regarding riparian habitat restoration. Number of restoration projects implemented in							Phase 1

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	undersized culverts, to allow streams to function naturally and restore species' access to cooler water habitats. Reconnect aquatic habitats to help fish and wildlife endure drought and adapt to climate change.					the unincorporated County.						
	W 1d. Collaborate with tribal governments to preserve and restore natural waterways on ancestral lands.	Community-wide Adaptation	Program	N/A	Intergovernmental Affairs	Number of meetings with tribal governments about restoration efforts.						Phase 1
	W 1e. Support YFCWCWCD with water storage projects in the Capay Hills or Capay Valley. Assist with the creation of a technical report and scoping plan that includes an evaluation of any ecological impacts of large-scale storage.	Community-wide Adaptation	Infrastructure	N/A	Potential Community Partners/ Agencies	Number of projects completed. Status of technical report and scoping plan.						Phase 3
	W 1f. Evaluate existing water treatment facilities for opportunities to retrofit or augment with nature-based solutions such as constructed wetlands and treatment channels, which	Community-wide Action and Adaptation	Research	N/A	CSAs and/or CSDs?	Completion of report evaluating retrofit opportunities at County water treatment facilities. Number of facilities evaluated.						Phase 2

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	can store recycled and/or treated potable water, provide habitat for wildlife, and increase access to nature, educational opportunities, and recreation.											
	W 1g. Continue to support YCFCWCD's earthen canal recharge projects and trickle flow recharge projects in creeks and sloughs.	Community-wide Adaptation	Infrastructure	N/A	Potential Community Partners/ Agencies	Number of meetings with YCFCWCD regarding earthen canal recharge projects. Status of existing projects.						Phase 2
	W 1h. Continue to support existing aquifer storage and recovery projects and collaborate with the Yolo Subbasin Groundwater Agency and YCFCWCD to identify additional opportunities to expand aquifer storage and recovery efforts throughout Yolo County.	Community-wide Adaptation	Research	N/A	Potential Community Partners/ Agencies	Number of meetings with groundwater agency and YCFCWCD regarding aquifer storage and recovery. Status of existing projects. Overdraft status of local groundwater subbasin.						Phase 2
	W 1i. Work with YCFCWCD to build additional regulating reservoirs in YCFCWCD's service area.	Community-wide Adaptation	Program	N/A	Potential Community Partners/ Agencies	Number of regulating reservoir projects undertaken by YCFCWCD. Number of projects completed. Acre-feet (AF) of water storage added.						Phase 3

Appendix G: Implementation and Monitoring

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
W 2. Encourage Efficient Water Use in Agricultural Operations	W 2a. Partner with local farmers to implement groundwater recharge projects by flooding disused fields.	Community-wide Adaptation	Education/ Outreach	N/A	Department of Agriculture	Number of farmers participating in program. Acreage of fields flooded. Estimated AF of water deposited into groundwater basin each year through program.	Quantified	Community-wide: 15% reduction in diesel/propane agricultural pump use by 2030, and 30% reduction by 2045.			<ul style="list-style-type: none"> Yolo Subbasin Groundwater Agency Yolo County Agricultural Commissioner's Office 	Phase 2
	W 2b. Increase managed groundwater recharge on working croplands that capture rain and stormwater runoff and redirect water during periods of extended high flows, allowing water to enter aquifers in a manner that does not exacerbate water quality issues and ensures diversions are protective of native fish and wildlife.	Community-wide Adaptation	Program	N/A	Potential Community Partners/ Agencies	Acreage of fields participating in managed recharge program. Estimated AF of water deposited into groundwater basin each year.						Phase 1
	W 2c. Work with University of California Cooperative Extension, YCFWCWCD, YCRCWCD, reclamation districts, water districts, and farming organizations to develop an outreach program that encourages farmers to adopt alternative	Community-wide Action and Adaptation	Education/ Outreach	N/A	Department of Agriculture; Local Reclamation Districts	Number of participants who attend trainings/ outreach events.						Phase 2

Appendix G: Implementation and Monitoring

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	irrigation techniques such as alternative-furrow, drip, and deficit irrigation.											
W 3. Promote Graywater, Recycled Water, and Stormwater Capture	W 3a. Require dual waste piping to be installed in new residential developments to allow for future graywater irrigation systems by creating or amending existing graywater ordinance for new development.	Community-wide Action	Ordinance	Requirement	Planning Division, Building Division; Environmental Health Division	Date of ordinance adoption.	Supportive	N/A		<ul style="list-style-type: none"> City of Woodland's Water-Wise Landscape promotion Yolo County Water Efficient Landscape Ordinance 	<ul style="list-style-type: none"> Yolo County Water Districts Yolo County Building Services Yolo County Environmental Health Division 	Phase 2
	W 3b. Assess opportunities to increase the installation of graywater and rainwater catchment systems, particularly in new buildings.	Community-wide Action	Research	N/A	Planning Division, Building Division, Environmental Health	Completion of report assessing graywater and rainwater catchment system installation in buildings in the unincorporated County.						Phase 2
	W 3c. Require large new developments to dedicate a proportion of landscape square footage to bioswales, permeable pavements, rain gardens, or other passive stormwater retention management strategies by updating relevant subsections of the	Community-wide Action and Adaptation	Ordinance	Requirement	Planning Division, Building Division, Public Works Division	Date of County Code changes.						

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	County Code (e.g., Sec. 8-4.503[d]).											
	W 3d. Identify sites for additional check dams on the western slopes of Yolo County to increase small-scale storage of precipitation and runoff; work with relevant agencies and/or local landowners to construct them.	Community-wide Adaptation	Research	N/A	Potential Community Partners/ Agencies	Completion of feasibility study. Number of local landowners contacted. Number of meetings with relevant agencies.						Phase 3
	W 3e. Develop a recycled-water infrastructure plan that should include an assessment of opportunities to increase water reuse and recycled water use in urban green spaces, the use of non-potable water for outdoor uses, and the expansion of recycled-water systems, as feasible. Current projects utilizing recycled water throughout Yolo County should be included as models for future projects.	Community-wide Action	Plan	N/A	Planning Division, Community Services; Environmental Health Division	Completion of recycled water infrastructure plan.						Phase 1
	W 3f. Review existing storm drains to determine the need for stormwater grates, oil/water separators,	Community-wide Action and Adaptation	Research	N/A	CSAs and/or CSDs, Public Works Division	Number of storm drains assessed.						Phase 3

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	contaminant containment, and other mechanisms to clean stormwater flows prior to draining into natural waterways.											
W 4. Reduce Water Consumption	W 4a. Coordinate with cities to install methane recovery in wastewater treatment plants.	Community-wide Action	Infrastructure	N/A	Wild Wings CSA, Integrated Waste Management Division, CSAs and/or CSDs	Number of meetings with relevant municipal agencies. Number of methane recovery systems installed.	Quantified	Community-wide: 15% reduction in commercial and residential water consumption by 2030, and 30% reduction by 2045.		<ul style="list-style-type: none"> Existing policies at Yolo County Central Landfill 	<ul style="list-style-type: none"> Local home improvement/hardware stores UC Davis UC Davis Master Gardeners Yolo County Water Districts Yolo County Integrated Waste Management Division Yocha Dehe Wintun Nation Yolo County Environmental Health Division 	Phase 2
	W 4b. Require a standard of no net increase in water demand for new buildings by revising the County Building Code.	Community-wide Action	Ordinance	Requirement	Building Division	Date of change to County Building Code.						Phase 2
	W 4c. Require existing buildings be retrofitted with water-efficient fixtures prior to resale and partner with Yolo County water districts to promote voluntary water efficiency retrofits for existing buildings through technical assistance, free water efficiency audits, and rebate incentives.	Community-wide Action	Ordinance	Requirement	Building Division, Sustainability Division, CSDs and/or CSAs	Date of change to County Building Code.						Phase 2
	W 4d. Allocate funding to incentive and outreach programs for water-efficient landscaping, weather-based	Community-wide Action	Program	Incentive	Planning Division; Sustainability	Value of funding distributed to incentive and outreach programs. Number of participants in programs. Number						Phase 2

Strategy 4 Optimize Water Use

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	irrigation systems, and drought-tolerant yards, including actions such as native species planting and lawn removal.					of water-efficient landscaping and irrigation systems installed using funds from programs.						

Implementation and Monitoring

STRATEGY 5 MINIMIZE WASTE

Strategy 5 Minimize Waste

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
SW 1. Reduce Landfill Waste	SW 1a. Coordinate with waste haulers to expand the types of materials accepted by recycling programs, as economic conditions allow. Study options to expand existing and identify new opportunities to manage hard-to-recycle materials in the unincorporated areas through additional hauler services, drop-off locations, and/or centers for hard-to-recycle materials.	Municipal and Community-Wide Action	Research	N/A	Integrated Waste Management Division	New types of materials accepted by recycling programs.	Supportive	N/A		<ul style="list-style-type: none"> City of Davis plastic bag ordinance Yolo County Department of Integrated Waste Management existing organics programs 	<ul style="list-style-type: none"> Yolo County Economic Development Division Community Mercantile 	Phase 2
	SW 1b. Continue a source-separated organics collection service at all County facilities.	Municipal and Community-Wide Action	Program	N/A	Integrated Waste Management Division	Mass of organics collected by the service.						Phase 1
	SW 1c. Continue to implement three-stream recycling (trash, recycling, and compost) at all County facilities.	Municipal and Community-Wide Action	Program	N/A	Integrated Waste Management Division	Mass of each stream of recycling collected at County facilities.						Phase 1
	SW 1d. Promote the use of reusable items by individuals, such as reusable bags in place of plastic bags.	Community-Wide Action	Education/Outreach	N/A	Integrated Waste Management Division; Sustainability Division	Number of plastic bags (or other disposable items) distributed by businesses.						Phase 3
	SW 1e. Work with large grocers (based on	Municipal and Community-Wide Action	Ordinance	Requirement	Integrated Waste Management Division	Number of residents and businesses						Phase 3

Strategy 5 Minimize Waste

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	CalRecycle's Tier 1 Commercial Edible Food Generator definition) to develop outreach and incentive programs designed to promote the use of reusable bags over single-use plastic.					reached by the outreach program.						
SW 2. Increase Construction and Demolition Waste Diversion	SW 2a. Continue the diversion and recycling of construction and demolition waste.	Municipal and Community-Wide Action	Program	Requirement	Integrated Waste Management Division	Mass of construction and demolition waste recycled.	Supportive	N/A			<ul style="list-style-type: none"> ▪ Sacramento Tree Foundation ▪ Yolo County Economic Development Division 	Phase 3
	SW 2b. Develop an urban wood reuse program to require projects to source wood materials from urban reuse wood.	Municipal and Community-Wide Action	Program	Requirement	Integrated Waste Management Division; Planning Division; Building Division	Mass of urban wood reused.						Phase 3
	SW 2c. Amend procurement policy to prioritize rubberized asphalt made from recycled tires collected at landfills for County road improvement projects.	Municipal and Community-Wide Action	Program	N/A	Department of General Services; Public Works Division, Integrated Waste Management Division	Mass of rubberized asphalt made from recycled tires.						Phase 3
SW 3. Reduce Emissions from Waste Management	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.	Community-Wide Action	Program	N/A	Integrated Waste Management Division; Sustainability Division	Mass of food waste utilized by the diversion program.	Quantified	Community-wide and Municipal: 5% improvement on landfill capture in 2027, 9% in 2030, and 14% in 2045			<ul style="list-style-type: none"> ▪ Food banks ▪ School districts ▪ Yolo County Economic Development Division 	Phase 1
	SW 3b. Explore existing landfill gas collection and	Municipal and Community-Wide Action	Infrastructure	N/A	Integrated Waste Management Division	Date of conclusion of exploration of landfill systems						Phase 1

Appendix G: Implementation and Monitoring

Strategy 5 Minimize Waste

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	destruction systems at the Yolo County Central Landfill and consider alternatives that improve capture efficiency and emissions reductions.					and alternatives considered.						
	SW 3c. Consider adoption of compliance program designed to ensure proper recovery/disposal of refrigerant emissions, in partnership with the Yolo County Environmental Health Division and the district attorney's office.	Municipal and Community-Wide Action	Program	Requirement	Integrated Waste Management Division; Environmental Health Division; District Attorney's Office	Date of inception of compliance program.						Phase 2
	SW 3d. Secure funding to encourage residents and businesses to responsibly collect and dispose of waste and prevent illegal dumping/burning in the unincorporated area. Consider trash patrols, conducting additional "amnesty days," adding incentives, or promoting the Adopt-a-Road program.	Municipal and Community-Wide Action	Grant	Incentive	Integrated Waste Management Division, Code Enforcement; Public Works Division	Mass of waste illegally dumped after discouraging programs are in effect.						Phase 3
	SW 3e. Educate residents on proper waste	Municipal and Community-Wide Action	Education/ Outreach	N/A	Integrated Waste Management Division;	Number of residents reached						Phase 3

Strategy 5 Minimize Waste

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Measures	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	sorting through school engagement and promotion of educational materials.				Sustainability Division; County Office of Education	by educational materials.						

Implementation and Monitoring

STRATEGY 6 REDUCE OFF-ROAD EQUIPMENT EMISSIONS

Strategy 6 Reduce Off-Road Equipment Emissions

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
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.	Municipal Action	County Initiative	Requirement	General Services, Public Works, Integrated Waste Management Division	Date of completion of plan and funding strategy. Amount of funding allocated to program. Number or percent of offroad equipment electrified or zero-emissions.	Quantified	Community-wide: 25% electric or zero-emission off-road equipment by 2027, 75% electric or zero-emission equipment by 2030, and 100% electric or zero-emission equipment by 2045. Municipal: 25% electric or zero-emission off-road equipment by 2027, and 100% electric or zero-emission off-road equipment by 2030 and maintained thereafter.	<ul style="list-style-type: none"> Yolo-Solano Air Quality Management District (YSAQMD) Carl Moyer Program Clean Off-Road Equipment Voucher Incentive Project Funding Agricultural Replacement Measures for Emission Reductions Program Planning and Capacity Building Grant YSAQMD Commercial Lawn and Garden Program 		<ul style="list-style-type: none"> California Air Resources Board (CARB) Local farm equipment supply stores Off-highway vehicle trade groups Pacific Gas and Electric Valley Clean Energy Yolo County Fair YSAQMD 	Phase 1
	OFR 1b. Adopt an ordinance that would require industrial land uses such as warehouses, logistics, and distribution centers to phase out fossil fuel-powered equipment and replace with electric equipment or zero-emission equipment by 2030.	Community-Wide Action	Ordinance	Requirement	Planning Division, Building Division, Sustainability Division	Date of ordinance adoption.						Phase 1
	OFR 1c. Adopt an ordinance requiring use of only electric or zero-emission off-road equipment,	Community-Wide Action	Ordinance	Requirement	Planning Division, Building Division, Sustainability Division	Date of ordinance adoption.						Phase 1

Strategy 6 Reduce Off-Road Equipment Emissions

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	where commercially available, for all new development.											
	OFR 1d. Replace gas-powered landscape equipment with zero-emission landscaping equipment at County facilities and install charging facilities where needed. Equipment types historically powered by gasoline engines covered by this action include chainsaws, chippers, lawn mowers, leaf blowers/ vacuums, riding mowers, tillers, and trimmers.	Municipal Action	County Initiative	Requirement	General Services Department, Facilities, Parks Division	Number of County gas-powered landscaping equipment replaced.						Phase 1
	OFR 1e. Adopt an ordinance that would require phaseout of gas-powered landscape equipment and replace with zero-emission equipment by 2030. The ordinance development process shall evaluate means to minimize financial impacts on small landscaping businesses	Community-Wide Action	Ordinance	Requirement	Planning Division	Date of ordinance adoption.						Phase 1

Strategy 6 Reduce Off-Road Equipment Emissions

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	through funding opportunities. Equipment types historically powered by gasoline engines covered by this measure include chainsaws, chippers, lawn mowers, leaf blowers/ vacuums, riding mowers, tillers, and trimmers.											
	OFR 1f. Develop and fund a yard equipment exchange program to exchange gasoline- or diesel-powered commercial lawn and garden equipment for commercial-grade zero-emission, electric-battery-powered equipment for operation within unincorporated Yolo County.	Community-Wide Action	Program	Incentive	Sustainability Division	Value of funding allocated to program. Number of participants in program. Number and type of gas and diesel powered equipment exchanged.						Phase 1
	OFR 1g. Update building codes for new and renovated buildings so that permits require outdoor outlets to facilitate use of electric yard equipment.	Community-Wide Action	Ordinance	Requirement	Building Division	Date of change to County Building Code.						Phase 2
	OFR 1h. Establish safe handling, replacement, and disposal procedures for	Municipal Action			Integrated Waste Management Department	Date of completion of procedures. Number of programs and						Phase 1

Strategy 6 Reduce Off-Road Equipment Emissions

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	batteries used in electric equipment and incorporate these procedures in all related programs and ordinances.					ordinances to include new procedure.						
OFR 2. Decarbonize Agricultural Equipment	OFR 2a. Coordinate with agricultural organizations to provide workshops/ presentations and outreach materials focused on promoting fuel-efficient farm equipment and operations; encourage participation in the CARB/ YSAQMD Carl Moyer incentive program.	Community-Wide Action	Education/ Outreach	Incentive	Department of Agriculture; Sustainability Division	Number of workshops/ presentations, and number of participants in them. Number of meetings with CARB/ YSAQMD about the Carl Moyer Incentive program.	Quantified	25% electric or zero-emissions off-road agricultural equipment by 2027, 75% electric or zero-emissions by 2030, and 100% electric or zero-emissions by 2045.			<ul style="list-style-type: none"> ▪ Co-op extension ▪ Local farm supply stores ▪ Yolo County Fair ▪ UC Davis 	Phase 1
	OFR 2b. Encourage the use of biofuels or low-carbon fuels in field equipment, instead of fossil fuels, by providing educational materials to the community about benefits and resources.	Community-Wide Action	Education/ Outreach	Incentive	Department of Agriculture; Sustainability Division	Number of County residents reached with outreach materials.						Phase 1

Implementation and Monitoring

STRATEGY 7 SUPPORT CLIMATE-SMART AGRICULTURE

Strategy 7 Support Climate-Smart Agriculture

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
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.	Community-wide Action	Education/ Outreach	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of farmers reached by outreach programs. Number of farmers that institute changes to their nitrogen fertilizer application practices.	Supportive	N/A			<ul style="list-style-type: none"> Center for Land Based-Learning (CLBL) Farm Bureau Master Gardners of Yolo County UC Davis Yolo County Health and Human Services Agency 	Phase 1
	AG 1b. Implement practices to improve nutrient management, including reduction or replacement of synthetic nitrogen fertilizer use. (NRCS Conservation Practice Standard [CPS] 590)	Community-wide Action	Program	Incentive	Yolo Resource Conservation District	Number of farmers that reduce or replace synthetic nitrogen fertilizer.						Phase 1
	AG 1c. Scale up the use of integrated pest management; advance safer, more sustainable pest management practices and provide tools to support the accelerated transition away from harmful pesticides.	Community-wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of farmers that utilize integrated pest management practices.						Phase 2
AG 2. Support Agricultural Innovation that	AG 2a. Develop incentive programs that support the expanded use of	Community-wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation	Number of farmers that receive incentives. Diversity of crop	Supportive	N/A			<ul style="list-style-type: none"> Yolo Land Trust Yocha Dehe Wintun Nation 	Phase 2

Strategy 7 Support Climate-Smart Agriculture

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
Promotes Resilience	crop varieties that are drought and heat tolerant and require fewer nutrient inputs from synthetic fertilizers.				District; Department of Agriculture	varieties that are grown and planting rate of desired varieties.					<ul style="list-style-type: none"> Yolo County Agricultural Commissioner's Office 	
	AG 2b. Facilitate planting, harvesting, and sustaining culturally and historically significant food crops.	Community-wide Action			Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of farmers that plant, harvest, and sustain culturally and historically significant food crops. Mass of crops planted and harvested.						Phase 2
	AG 2c. Increase opportunities for prescribed burns that reduce wildfire greenhouse gas emissions. Increase voluntary cultural easements for cultural burns and support the use of cultural burns to ensure California Native American tribes have access to cultural resources and cultural landscapes.	Community-wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture; Fire Districts	Annual number and acreage of prescribed burns. Number of voluntary cultural easements utilized for burns.						Phase 2
AG 3. Reduce Methane Emissions	AG 3a. Incentivize irrigation water management (such as alternated wetting and drying) on rice fields to control the volume, frequency, and application rate of irrigation water. (NRCS CPS 449)	Community-wide Action	Program	Incentive	Sustainability Division; Department of Agriculture	Acreage of rice fields that utilize irrigation water management.	Supportive	N/A				Phase 1

Implementation and Monitoring

STRATEGY 8 SEQUESTER AND STORE CARBON IN NATURAL AND WORKING LANDS

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
NWL 1. Encourage Climate-Smart Practices in Working Lands	NWL 1a. Carbon Credit Exchange. 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	Community-Wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Date of release of preliminary Carbon Credit Exchange plan.	Quantified	Community-wide: 5% climate-smart working lands practice adoption by 2027, 20% climate-smart practice adoption by 2030, and climate-smart 50% practice adoption by 2045.	<ul style="list-style-type: none"> ▪ Alternative Manure Management Program ▪ Agricultural Conservation Easement Program ▪ Agricultural Conservation Easement Program ▪ Conservation Stewardship Program ▪ Conservation Technical Assistance Program ▪ Dairy Digester Research and Development Program ▪ Environmental Quality Incentives Program ▪ Methane Emissions Reduction Program ▪ Regional Conservation Partnership Program ▪ Sustainable Agriculture Lands Conservation ▪ Urban & Community Forestry 	<ul style="list-style-type: none"> ▪ Yolo County Resource Conservation District (YCRCD) carbon farm planning process 	<ul style="list-style-type: none"> ▪ Reclamation Districts ▪ UC Davis ▪ Yolo Subbasin Groundwater Agency 	Phase 1

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	<p>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.</p> <p>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</p>											

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	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 greenhouse gas reduction targets.											
	NWL 1b. Farmer Outreach and Education. Use existing networks and partnerships and build new ones with a diversity of regional academic institutions, centers, environmental organizations, and non-conventional agricultural sustainability and conservation groups to expand knowledge of sustainable practices and develop and expand farmworker outreach and education programs.	Community-Wide Action	Education/ Outreach	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of farmers reached by outreach and education programs.						Phase 2
	NWL 1c. Support Climate-Smart Practices that support carbon sequestration on working lands and provide co-benefits	Community-Wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of acres to which practices are applied.						Phase 1

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	such as enhanced soil health, improved soil moisture retention, and/or reduced fertilizer costs. Examples of such practices include the following U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) conservation practices (CPS): Conservation Crop Rotation (NRCS CPS 328) Cover Crops (NRCS CPS 340) Mulching (NRCS CPS 484) Nutrient Management (NRCS CPS 590) Soil Carbon Amendments (NRCS CPS 336) Residue and Tillage Management, Reduced Till (NRCS CPS 345) Residue and Tillage Management, No Till (NRCS CPS 329) Grassed Waterways (NRCS CPS 412) Filter Strips (NRCS CPS 393)											

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	Whole Orchard Recycling (NRCS CPS 336)											
	NWL 1d. Support Practices to Sequester Carbon on Grazing and Pastureland. Examples include the following USDA NRCS conservation practices: Prescribed Burning (NRCS CPS 338) Prescribed Grazing (NRCS CPS 528) Range Planting (NRCS CPS 550) Herbaceous Weed Treatment (NRCS CPS 315)	Community-Wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of acres to which practices are applied.						Phase 1
	NWL 1e. Support implementation of Agroforestry Practices. Examples include the following USDA NRCS conservation practices: Alley Cropping (NRCS CPS 311) Windbreaks/ Shelterbelt Establishment and Renovation (NRCS CPS 380) Silvopasture (NRCS CPS 381) Riparian Herbaceous Cover (NRCS CPS 390)	Community-Wide Action	Program	Incentive	Sustainability Division; Yolo Resource Conservation District; Department of Agriculture	Number of acres to which practices are applied.						Phase 1

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	Riparian Forest Buffer (NRCS CPS 391) Hedgerow Planting (NRCS CPS 422)											
NWL 2. Restore Natural Lands	NWL 2a. Restore Wetlands. Prioritize wetland restoration near communities most vulnerable to climate change and where climate-smart land management can improve groundwater and water quantity, protect communities from flooding, and increase access to nature. Identify opportunities to reconstruct wetlands where possible, for example during construction projects in areas where these nature-based solutions could deliver climate and other beneficial outcomes to communities.	Community-Wide Action	County Initiative	N/A	Department of General Services, Parks Division; Natural Resources Division; Yolo Resource Conservation District	Number of acres to which restoration practices are applied.	Quantified	Community-wide: 5% natural lands practice adoption by 2027, 20% natural lands practice adoption by 2030, and natural lands 50% practice adoption by 2045.		California Department of Conservation Multibenefit Land Repurposing Program	<ul style="list-style-type: none"> ▪ Cache Creek Conservancy ▪ Natural Resources Conservation Service (NRCS)/Farm Service Agency ▪ Point Blue ▪ Putah Creek Coordinating Council ▪ River Partners ▪ UC Davis ▪ U.S. Department of Agriculture agencies ▪ California Wildlife Conservation Board ▪ YCRCD ▪ Yolo Habitat Conservancy ▪ Yolo Land Trust 	Phase 1
	NWL 2b. Restore Riparian Forests. Restore riparian forests and other ecosystems, where appropriate, to enhance carbon storage, protect biodiversity, and expand wildlife	Community-Wide Action	Program	N/A	Department of General Services, Parks Division; Natural Resources Division; Yolo Resource Conservation District	Number of acres to which restoration practices are applied.						Phase 2

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	corridors and climate migration pathways for native species. Work with landowners to support restoration efforts on Putah and Cache Creeks and their tributaries as well as the mainstream riparian areas and floodplains of the Sacramento River and Yolo Bypass. Reconnect aquatic habitats within forests to help fish and wildlife endure drought and adapt to climate change.											
	NWL 2c. Restore Native Grasslands. Restore grasslands in Yolo County public lands to improve carbon storage, biodiversity, and connectivity, where feasible, through grant proposals.	Community-Wide Action	County Initiative	N/A	Department of General Services, Parks Division; Natural Resources Division; Yolo Resource Conservation District	Number of acres to which restoration practices are applied.						Phase 2
	NWL 2d. Repurpose Fallowed Cropland. Convert unused or idle agricultural land for alternative purposes. Some common practices for intentionally uncultivated land include reforestation and wildlife habitat conservation.	Community-Wide Action	Program	N/A	Planning Division; Parks Division, Natural Resources Division; Yolo Resource Conservation District	Number of acres repurposed.						Phase 2

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	NWL 2e. Support Native Hedgerow Development. Supporting the development of native hedgerows can include assisting in site and species selection, education and outreach, and information sharing.	Community-Wide Action	Program	N/A	Department of General Services, Parks Division; Natural Resources Division; Yolo Resource Conservation District	Linear feet of hedgerows planted.						Phase 3
	NWL 2f. 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	Community-Wide Action	County Initiative	N/A	Department of General Services, Parks Division; Yolo Resource Conservation District	Date of technician hire.						Phase 1

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	sustainability in the natural environment.											
NWL 3. Promote Stewardship of Natural Lands	NWL 3a. Implement Grassland Stewardship in County Public Lands. Grassland practices include: <ul style="list-style-type: none"> 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 	Community-Wide Action	County Initiative	N/A	Department of General Services, Parks Division; Natural Resources Division; Yolo Resource Conservation District	Number of acres to which practices are applied.	Supportive	N/A			<ul style="list-style-type: none"> Cache Creek Conservancy California Department of Forestry and Fire Protection Yocha Dehe Wintun Nation 	Phase 1
	NWL 3b. Implement Forest and Woodland Stewardship in County Public Lands. Forest and woodland practices include: <ul style="list-style-type: none"> Fire and fuel load vegetation management Enhancement measures designed to benefit forest and woodland plant communities and wildlife 	Community-Wide Action	County Initiative	N/A	Department of General Services, Parks Division; Natural Resources Division; Yolo Resource Conservation District	Number of acres to which practices are applied.						Phase 2

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	<ul style="list-style-type: none"> Invasive species removal 											
	<p>NWL 3c. Implement Riparian and Wetland Stewardship in County Public Lands. Riparian and wetland practices include:</p> <ul style="list-style-type: none"> Enhancement measures designed to benefit riparian and wetland plant communities and wildlife Invasive species removal Bank stability and erosion control 	Community-Wide Action	County Initiative	N/A	Parks Division, Yolo Resource Conservation District	Number of acres to which restoration practices are applied.						Phase 2
	<p>NWL 3d. Support Cache Creek Conservancy, Lower Putah Creek Coordinating Committee, YCRCD, Yocha Dehe Wintun Nation, and other entities in their projects and actions aimed at improving habitat in Yolo County.</p>	Community-Wide Action	Program	N/A	Sustainability Division, Yolo Resource Conservation District	Number of meetings about habitat restoration with Cache Creek Conservancy, Lower Putah Creek Coordinating Committee, YCRCD, and the Yocha Dehe Wintun Nation.						Phase 2
NWL 4. Conserve Natural and Working Lands	<p>NWL 4a. Protect Against Wetland Habitat Loss. Develop and enforce a wetland protection program, including designations for</p>	Community-Wide Action	Program	Requirement	Planning Division; Yolo Resource Conservation District	Completion of research or plan for wetland protection program. Acres of wetland restored/protected from habitat loss.	Supportive	N/A		<ul style="list-style-type: none"> Agricultural Conservation and Mitigation Program Ordinance Yolo County General Plan 	<ul style="list-style-type: none"> Audubon Society Cache Creek Conservancy NRCS• Point Blue River Partners Tuleyome 	Phase 2

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	existing wetlands and identification of restoration opportunities.										<ul style="list-style-type: none"> ▪ Wildlife Conservation Board ▪ YCRC ▪ Yolo Land Trust ▪ Yolo Habitat Conservancy 	
	<p>NWL 4b. Protect Agricultural Lands from Development.</p> <p>Continue to designate agricultural zones where land use is restricted or prioritized for agricultural use.</p> <p>Prioritize agricultural conservation and agricultural land acquisition in areas within 2 miles of urban growth of incorporated cities and the community of Esparto.</p> <p>Develop program to support the acquisition of conservation easements in collaboration with other public and private entities. Conservation easements should focus on Prime Farmland in areas with the highest pressure of development.</p>	Community-Wide Action	County Initiative	Requirement	Planning Division, Department of Agriculture	Date of release of program. Acres of land protected from development under program.						Phase 3
	NWL 4c. Support Willing Landowners. Provide incentives to landowners who commit to keeping their land in	Community-Wide Action	Program	Incentive	Planning Division, Department of Agriculture	Number of landowners contacted; value of incentives distributed.						Phase 3

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	agriculture, such as conservation easements and Williamson Act contracts.											
	NWL 4d. Protect Intact Habitat from Conversion. Explore existing County policies and zoning regulations for opportunities to expand preservation of natural lands. Research and develop program to identify Yolo County Board of Supervisors-approved priority areas for acquisition, particularly those most susceptible to outward expansion. Ensure policies and regulations guide urban development toward infill areas and do not convert "greenfield" land (e.g., green belts, conservation, and wildlife easements) to urban uses.	Community-Wide Action	Program	Requirement	Planning Division	Completion of research; date of release of program.						Phase 3
	NWL 4e. Prevent Wildlife Habitat Corridor Fragmentation. Develop and enforce a program to prevent wildlife habitat corridor fragmentation to maintain connectivity of land that connects large	Community-Wide Action	Program	Requirement	Planning Division	Number of acres protected under program.						Phase 2

Strategy 8 Sequester and Store Carbon in Natural and Working Lands

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	habitat patches to allow for the movement of wildlife.											

INTENTIONALLY LEFT BLANK

Implementation and Monitoring

STRATEGY 9 REDUCE CARBON FOOTPRINT OF CONSUMPTION AND PRODUCTION

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
RCP 1. Provide Responsible Consumption Guidance	RCP 1a. Develop a responsible consumption incentive program that explains the benefits of changing to 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.	Consumption-Based Action	Plan	Incentive	Sustainability Division; Integrated Waste Management Division	Plans or research developed. Date of program implementation.	Supportive	N/A		<ul style="list-style-type: none"> CalRecycle's Closing the Loop curriculum 	<ul style="list-style-type: none"> Cool Davis Local utility companies (e.g., Pacific Gas and Electric) Local chambers of Commerce Yolo County Health and Human Services Yolo County Office of Education Yolo County Integrated Waste Management Division Yolo County School Districts 	Phase 1
	RCP 1b. Develop and implement a responsible consumption education program and webpage that promotes the benefits of less-carbon-intensive	Consumption-Based Action	Program	Incentive	Sustainability Division; Integrated Waste Management Division	Plans or research developed. Date of program implementation. Unique visitors to webpage/ number of participants in education program. Number of						Phase 1

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	<p>practices including retain and repair instead of replacing; 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</p>					<p>meetings with Yolo County Youth Commission.</p>						

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	energy-efficient alternatives and less-carbon-intensive practices and products and their benefits to clients and customers.											
	RCP 1c. Collaborate with home repair-related businesses to expand the responsible consumption education program tailored to carbon-reducing building materials at do-it-yourself classes given at these businesses.	Consumption-Based Action	Education/ Outreach	Incentive	Sustainability Division	Number of participating businesses.						Phase 3
	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.	Consumption-Based Action	Program	Incentive	Sustainability Division	Number of participating businesses.						Phase 3

Appendix G: Implementation and Monitoring

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
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.	Consumption-Based Action	Program	Incentive	Sustainability Division	Number of participants in program. Estimates of vehicle miles traveled by participants.	Supportive	N/A			<ul style="list-style-type: none"> Car-sharing services (e.g., Miocar) Yolo Transportation District 	Phase 3
RCP 3. Promote Personal Water Efficiency	RCP 3a. Establish a rain barrel program that would educate the public on the proper use of rain barrels to collect rooftop rainwater and filter it before using it to irrigate family gardens. Coordinate with other rain barrel programs that would allow families to be given a rain barrel or purchase one at a discounted price.	Consumption-Based Action	Program	Incentive	Sustainability Division	Number of participants in the program.	Supportive	N/A		<ul style="list-style-type: none"> City of Woodland rain barrel rebate program 	<ul style="list-style-type: none"> Local home improvement/hardware stores 	Phase 2
	RCP 3b. Revise codes and establish a residential graywater system ordinance that safely allows households to retrofit their washing-machine drains to a backyard graywater system for irrigation of gardens.	Consumption-Based Action	Program	Incentives	Planning Division	Date of ordinance adoption and changes to codes.						Phase 3

Appendix G: Implementation and Monitoring

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	RCP 3c. Provide instructions on how to safely retrofit a washing-machine drain into a backyard graywater system that is compliant to the new residential graywater system ordinance.	Consumption-Based Action	Education/ Outreach	Incentive		Completion of instructions. Number of unique visitors to webpage.						Phase 3
RCP 4. Support Carbon-Neutral Travel	RCP 4a. On the responsible consumption webpage, provide guidance on vacation alternatives that do not include air travel and include locations and hotels that are California certified as sustainable businesses and that participate in "green visitor" programs.	Consumption-Based Action	Education/ Outreach	Incentive	Sustainability Division; Environmental Health Division	Date of completion of webpage. Number unique visitors to webpage.	Supportive	N/A				Phase 3
	RCP 4b. Coordinate with other jurisdictions and visitors' bureaus that have green visitor programs and highlight these programs on the webpage dedicated to vacation alternatives.	Consumption-Based Action	Education/ Outreach	Incentive	Sustainability Division	Number of meetings. Completion of webpage. Number of unique visitors to webpage.						Phase 3
RCP 5. Increase Consumption and Production of	RCP 5a. On the responsible consumption webpage, provide guidance on local	Consumption-Based Action	Education/ Outreach	Incentive	Sustainability Division	Date of completion of webpage. Number of unique visitors to webpage	Supportive	N/A			<ul style="list-style-type: none"> ▪ Cool Davis ▪ Center for Land-Based Learning 	Phase 3

Appendix G: Implementation and Monitoring

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
Local Agricultural Products	produce and food available and include dates, times, and locations of farmers markets.									<ul style="list-style-type: none"> ▪ Community Supported Agriculture programs, such as those in Capay Valley ▪ Yolo County Integrated Waste Management Division composting programs ▪ Healthy UC Davis 	<ul style="list-style-type: none"> ▪ Local farmers markets ▪ Yolo Farm to Fork 	
	RCP 5b. Expand local-product marketing efforts, expand the number of businesses and agencies that use local food, and increase opportunities for the direct sale of local food.	Consumption-Based Action	Program	Incentive	Sustainability Division	Number of businesses using and/or selling local food.						Phase 2
	RCP 5c. Establish or expand year-round local farmers markets to provide residents with a more local source of food.	Consumption-Based Action	Program	Incentive	Sustainability Division	Number of farmers markets.						Phase 2
	RCP 5d. Explore the potential to specifically identify "community gardens" as an allowable use within the County's zoning code. Explore opportunities to partner with the County's Public Health Team, the Center for Land-Based Learning, and Yolo Farm to Fork to support community gardens as a tool for supporting locally sourced and culturally	Consumption-Based Action	Program	Incentive	Planning Division; Sustainability Division; Health and Human Services Agency	Plans or research developed. Number of meetings with partner organizations.						Phase 2

Appendix G: Implementation and Monitoring

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	relevant food and local food sovereignty.											
RCP 6. Require Environmentally Responsible Purchasing	RCP 6a. Require existing and future business operations to implement an environmentally responsible purchasing plan. Examples of environmentally responsible purchases include but are not limited to purchasing products made from recycled materials or with sustainable packaging; purchasing post-consumer recycled paper, paper towels, and stationery; purchasing and stocking communal kitchens with reusable dishes and utensils; choosing sustainable cleaning supplies; purchasing products from restaurants, farms, or ranches that source materials or goods from locations that use soil conservation practices; and leasing equipment from	Consumption-Based Action	Program	Required	Sustainability Division; Planning Division; Environmental Health Division	Number of environmentally responsible purchasing plans implemented.	Supportive	N/A			Cool Davis	Phase 3

Strategy 9 Reduce Carbon Footprint of Consumption and Production

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	manufacturers who will recycle the components at the end of their life.											

Implementation and Monitoring

STRATEGY 10 BUILD RESILIENT INFRASTRUCTURE AND HEALTHY COMMUNITIES

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase	
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.	Municipal Adaptation	County Initiative	N/A	Sustainability Division; Yolo County Library; Department of General Services; Office of Emergency Services	Number of facilities.	Supportive	N/A		<ul style="list-style-type: none"> Yolo County General Plan Policy HS-7.4 Yolo County Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) 	<ul style="list-style-type: none"> Boys and Girls Clubs Cool Davis Local charity groups Local City governments New Season CDC RISE, Inc. 	Phase 1	
	HC 1b. Seek grant funding to retrofit existing community hubs with climate-resilient improvements.	Municipal Adaptation	County Initiative	N/A	Sustainability Division; Yolo County Library; Department of General Services	Number of grants applied to/ money awarded.						Phase 1	
	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.	Municipal Adaptation	County Initiative	N/A	Sustainability Division; Yolo County Library; Department of General Services; Health and Human Services Agency, Office of Emergency Services	Number of grants applied to/ money awarded.							Phase 1
	HC 1d. Explore architectural and engineering design requirements needed to expand hours of community centers on hot days that do not meet the	Municipal Adaptation	County Initiative	N/A	Department of Community Services, Yolo County Library; Department of General Services	Conclusion of exploration of architectural and engineering design requirements.							Phase 2

Appendix G: Implementation and Monitoring

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	extreme heat threshold.											
HC 2. Improve Neighborhood Response	HC 2a. Coordinate with local CERT (fire), VIP (sheriff), Citizens Advisory Committees (CACs), Disaster Service Worker Volunteer Program, and Resilience Center partners to build local capacity for response and recovery.	Municipal and Community-wide Adaptation	Program	N/A	Office of Emergency Services; Local Fire Districts; Sheriff; Department of Community Services	Number of new volunteers trained, number of events held, program offerings.	Supportive	N/A		<ul style="list-style-type: none"> CERT, VIP, and DSWVP, CACs are existing programs. 	<ul style="list-style-type: none"> Center for Land Based Learning Davis Arts Center Local volunteer organizations Resilience Hub organizations Yolo County Fair Youth Climate Action Coalition (YCAC) 	Phase 2
	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.	Municipal and Community-wide Adaptation	Program	N/A	Sustainability Division	Number of people reached, number of volunteers retained, number of local organizations engaged.						Phase 1
	HC 2c. In partnership with local organizations, develop arts programming around the CAAP, centered at the resilience hubs.	Municipal and Community-wide Adaptation	Program	N/A	Sustainability Division	Number of people reached, number of volunteers retained, number of local organizations engaged.						Phase 2
HC 3. Prepare Vulnerable Communities	HC 3a. Coordinate with relevant agencies and organizations that provide homeless services in Yolo County to provide shelter during hazardous conditions and	Municipal Adaptation	Program	N/A	Health and Human Services Agency; Office of Emergency Services	Number of meetings.	Supportive	N/A		<ul style="list-style-type: none"> Yolo County General Plan Policies LU-8.1, LU-8.3 (Action CC-A39), HS-6.2 (Action HS-A62) 	<ul style="list-style-type: none"> Community Advisory Committees Community Care Health Centers Disaster Service Worker Volunteer Program 	Phase 1

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	severe weather events.										<ul style="list-style-type: none"> ▪ Farmworker organizations ▪ Local charity groups ▪ Local faith groups ▪ Local food banks ▪ RISE, Inc. ▪ Short Term Emergency Aid Committees ▪ Yolo County Community College 	
	HC 3b. Inform and assist at-risk community members, including providing culturally relevant preparedness education and notification.	Municipal and Community-wide Adaptation	Program	N/A	Office of Emergency Services	Number of people reached.						Phase 1
	HC 3c. Partner with Yolo County Office of Education, local schools, and fire districts, including school staff that facilitate outdoor education and sports, to create age-appropriate preparedness classes and identify long-term strategies to safely conduct seasonal activities. A focus on low-income/ disadvantaged communities will be identified in this effort.	Municipal Adaptation	Program	N/A	Office of Emergency Services	Number of events/ number of people reached.						Phase 2
	HC 3d. Partner with Citizens Advisory Committees and other local community groups to educate vulnerable communities on disaster preparedness and climate hazards.	Municipal Adaptation	Program	N/A	Office of Emergency Services; Department of Community Services	Number of events/ number of people reached.						Phase 1
	HC 3e. Continue to invest in existing programs that help	Municipal Adaptation	County Initiative	N/A	Office of Emergency Services	Number of meetings / how						Phase 1

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	to identify and reach vulnerable populations to help first responders provide services and meet their needs during hazardous events. Utilize the findings of the Access and Functional Needs (AFN) working group to identify and address service and outreach gaps. Partner with local community groups to gather feedback and share information.					often the AFN list is updated.						
	HC 3f. Identify opportunities and pursue grant funding to install touchless water refill stations at public facilities and parks. Create a small allocation of funds for Yolo County Parks to develop conceptual plans with architecture and engineering to make proposals more tangible.	Municipal Adaptation	Program	N/A	Department of General Services, Parks Division	Number of grants applied to/ money awarded.						Phase 2
HC 4. Improve Equitable Distribution of Resources	HC 4a. Work with YoloBus to make improvements to bus stations and stops, including enhanced shade structures and water stations.	Municipal Adaptation	Infrastructure	N/A	Public Works Division; Department of General Services; Yolo Transportation District	Number of improvements.	Supportive	N/A		<ul style="list-style-type: none"> Catholic Charities Disaster Preparedness Program 	<ul style="list-style-type: none"> Local chapters of charity groups Community Emergency Response Team (CERT) volunteers 	Phase 2

Appendix G: Implementation and Monitoring

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	HC 4b. Partner with local CBOs 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.	Municipal and Community-wide Adaptation	Program	N/A	Sustainability Division; Health and Human Services Agency; Building Division; Yolo County Library; Department of General Services	Number of events/materials.				<ul style="list-style-type: none"> ▪ Emergency Preparedness and Evacuation of Older Adults and Persons with Access and Functional Needs ▪ Yolo Active Transportation Corridors (YATC) Plan (in progress) ▪ Yolo County Emergency Operations Plan ▪ Yolo County Commission on Aging and Adult Services 	<ul style="list-style-type: none"> ▪ Local CBO's and faith groups ▪ Community Advisory Committees ▪ Farmworker organizations ▪ Yolo Bus 	Phase 2
	HC 4c. Support OES preparedness programs by partnering with local community groups, schools, and libraries to create disaster kits for families in low-income/disadvantaged communities.	Municipal and Community-wide Adaptation	Program	N/A	Office of Emergency Services; Sustainability Division; Yolo County Library; Yolo County Office of Education	Number of kits distributed.			Phase 2			
	HC 4d. Partner with YoloBus and other countywide transport organizations in the private sector to meet the unique needs of residents who may be unable to self-evacuate in a hazard.	Municipal Adaptation	Program	N/A	Health and Human Services Agency; Yolo Transportation District; Office of Emergency Services; Public Works Division	Number of meetings.			Phase 2			
	HC 4e. Partner with Citizens Advisory Committees and other local community groups and centers to coordinate a Know Your Neighbor Program where	Municipal and Community-wide Adaptation	Program	N/A	Office of Emergency Services, Citizen's Advisory Committee; Planning Division (through coordination	Number of meetings.			Phase 2			

Appendix G: Implementation and Monitoring

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	community leaders and neighbors provide resources and check in on vulnerable populations during hazard events where people shelter at home.				with CACs); Sustainability Division							
	HC 4f. Partner with local CBOs to connect residents to resilience funding mechanisms.	Municipal and Community-wide Adaptation	Program	N/A	Sustainability Division; Building Division	Number of meetings / number of CBOs reached.						Phase 1
	HC 4g. Investigate the potential for the County to complete reliable broadband internet access across unincorporated Yolo County.	Community-wide Action	Research	N/A	Department of Community Services, Public Works Division; Department of General Services; Department of Innovation and Technology Services	Plans or research developed.						Phase 2
HC 5. Minimize Hazard Exposure	HC 5a. Incentivize and educate residents in CAL FIRE wildfire severity zones on the adoption of fire smart construction, renovations, and landscaping.	Municipal and Community-wide Adaptation	Program	N/A	Yolo County Fire Safe Council; Office of Emergency Services	Number of materials provided.	Supportive	N/A		<ul style="list-style-type: none"> Yolo County General Plan Policies HS-3.1 (Action HS-A38), HS-2.1 (Action HS-A10), HS-7.4, LU-8.3; Action HS-A63 Yolo County Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) 	<ul style="list-style-type: none"> CAL FIRE Habitat/Land conservation groups Yolo Subbasin Groundwater Agency Yolo County Fire Safe Council Yolo County Flood Control & Water Conservation District 	Phase 2
	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.	Municipal Adaptation	County Initiative	N/A	Public Works Division	Number of grants applied to/ money awarded.						Phase 1

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	HC 5c. Maintain emergency evacuation routes. Ensure that street widths, paving, and grades can accommodate emergency vehicles.	Community-wide Action	Infrastructure	N/A	Office of Emergency Services	Municipal code/ code enforcement reports.						Phase 2
	HC 5d. Repair/upgrade parklands culverts with fire-resistant materials. Consider adding reinforced concrete culvert pipe as a required culvert material in High Fire Severity Zones in the County Improvement Standards.	Municipal Adaptation	Infrastructure	N/A	Public Works Division; Building Division	Number of improvements.						Phase 2
	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.	Municipal Adaptation	Program	N/A	Department of Community Services Planning Division; Sustainability Division; Public Works Division	Adopted program/ changes to municipal code.						Phase 1

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	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.	Municipal Adaptation	Infrastructure	N/A	Department of General Services (for County critical facilities); Office of Emergency Services	Number of upgraded facilities.						Phase 1
	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.	Municipal Adaptation	Program	N/A	Department of Community Services; Sustainability Division	Checklist adoption date.						Phase 1

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
HC 6. Minimize Workplace Hazard Exposure	HC 6a. Build relationships with farmworker organizations in order 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.	Municipal Adaptation	Program	N/A	Health and Human Services Agency; Department of Agriculture	Number of meetings.	Supportive	N/A			<ul style="list-style-type: none"> ▪ CalOSHA ▪ Farmworker organizations ▪ RISE, Inc. ▪ State labor organization ▪ UC Davis 	Phase 1
	HC 6b. Require Cal/OSHA training on indoor and outdoor heat safety prior to the issuance of pesticide permits.	Community-wide Action	Program	N/A	Department of Agriculture; Environmental Health	Number of permits with confirmed training.						Phase 1
	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.	Municipal Adaptation	Program	N/A	Health and Human Services Agency; Department of Agriculture	Number of meetings / resources provided.						Phase 1
	HC 6d. Coordinate with farmworker organizations to identify education	Municipal Adaptation	Program	N/A	Health and Human Services Agency;	Number of meetings.						Phase 2

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	opportunities and enforcement strategies to ensure Cal/OSHA standards on indoor and outdoor heat safety are met.				Department of Agriculture							
	HC 6e. Conduct targeted monitoring of outdoor workplaces during periods of high heat to ensure compliance with established outdoor worker heat-illness prevention regulations.	Municipal Adaptation	Program	N/A	Environmental Health Division; Health and Human Services Agency	Number of meetings.						Phase 2
HC 7. Reduce Urban Heat Island Effect	HC 7a. Amend the County municipal code to address urban heat island effect (UHIE).	Municipal Adaptation	Ordinance	N/A	Department of Community Services, Planning Division	Municipal code updates.	Supportive	N/A		<ul style="list-style-type: none"> ▪ SMAQMD's Urban Head Island Mitigation Plan ▪ Yolo County General Plan Policies CC-4.8, CO-8.1; Actions CC-A27, CO-A125 ▪ Yolo County Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) Goal 4 	<ul style="list-style-type: none"> ▪ Cool Davis ▪ Local chapters of charity groups ▪ Farmworker organizations ▪ Tree Davis ▪ Woodland Tree Foundation ▪ Municipal Urban Forestry Divisions 	Phase 1
	HC 7b. Pursue grant funding to reduce UHIE by replacing dark pavement with cool pavement in residential areas.	Municipal Adaptation	Program	N/A	Sustainability Division	Number of grants applied to/ money awarded.						Phase 2
	HC 7c. Pursue grant funding to install cool pavements in place of dark pavements on County property.	Municipal Adaptation	County Initiative	N/A	Department of General Services, Facilities; Department of Community Services, Public Works Division	Area replaced (ksf).						Phase 2
	HC 7d. Pursue grant funding to replace roofs on County and service provider facilities with reflective	Municipal Adaptation	County Initiative	N/A	Department of General Services, Facilities; Sustainability Division	Number of grants applied to/ money awarded.						Phase 2

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	materials that meet or exceed current code or with green roofs.											
	HC 7e. Connect low-income homeowners with programs and grants to replace roofs with reflective materials that meet or exceed current code or with green roofs.	Municipal and Community-wide Adaptation	Program	N/A	Sustainability Division	Number of grants provided.						Phase 1
	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.	Municipal and Community-wide Adaptation	Infrastructure	N/A	Parks Division, Natural Resources Division	Number acres of new green space.						Phase 1
	HC 7g. Develop community canopy program to expand tree planting, prioritizing areas experiencing the urban heat island effect and ensuring tree species diversity to increase resilience to pest, disease, and drought.	Municipal and Community-wide Action	Program	N/A	Sustainability Division; Department of General Services; Health and Human Services Agency	Number of new trees/ urban forestry diversity.						Phase 1
	HC 7h. Adopt and regularly update County Development Improvement	Municipal Adaptation	Ordinance	N/A	Department of Community Services, Department of Public Works	Municipal code updates.						Phase 1

Strategy 10 Build Resilient Infrastructure and Healthy Communities

Measure	Action	Measure/ Action Type	Category	Enforcement Type	Responsible County Department	Tracking Metrics	Quantified or Supportive	Performance Criteria for Quantified Actions	Funding Opportunities	Notable Existing Policy or Plan	Potential Community Partners	Phase
	Standards with solar reflective index (SRI) guidelines for new roads.											
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.	Municipal Adaptation	Program	N/A	Health and Human Services Agency; Sustainability Division	Number of employment opportunities provided. Program establishment date.	Supportive	N/A		<ul style="list-style-type: none"> Yolo County General Plan Policy CC-2.4 	<ul style="list-style-type: none"> Civic Spark California Conservation Corps UC Davis Local chambers of commerce New Season Community Development Corporation 	Phase 2
	HC 8b. Investigate and implement program for the County to maximize local financing for green technologies and businesses. Green technologies include energy-efficient and zero-emission vehicle fleets and off-road equipment, building electrification upgrades, low-flow fixtures in buildings, or energy-efficient stationary sources. Recipients of financing could include neighborhood developers, home and commercial space builders, homeowners, and utilities.	Municipal Adaptation	County Initiative	N/A	Sustainability Division; Building Division	Program establishment date.						Phase 2