

Climate Resilience Fund Round #1 Approved Projects

Title	Department(s)	Project description	Project Type	Location	CRF Funded Amount	Project Update
Carbon Sequestration	Regional Climate Protection Authority (RCPA) w/ Ag + Open Space	Increase carbon sequestration through compost application on agricultural and community sites. Partnership with RCPA, Ag + Open Space, Zero Waste Sonoma, Resource Conservation Districts, Carbon Cycle Institute, and Daily Acts	Pilot	County-wide	\$ 500,000	Completed agreements between Ag + Open Space and all project partners. Developed selection criteria for community and agricultural sites. On track to complete compost application on 5 community and 5 agricultural sites across all districts by the end of 2023.
Class 1 Bikeway Acquisition	Regional Parks	20 trail acquisitions to accelerate the creation of Class 1 Bikeways. Active negotiations are currently occurring. The funding will be directed to the acquisitions that have secured landowner agreements.	Infrastructure	D1, D4, D5 (D2 possible)	\$ 440,000	Active negotiations continue throughout unincorporated Sonoma County. Accomplishments range from preparing project benefit and footprint information, negotiating offers to dedicate future trail corridors, to preparing a purchase agreement. A notice of intent to acquire land for Class 1 trail is planned for Board review and action later this year.
Climate Polling	County Administrator's Office	Funding to conduct polling or community survey around a potential climate measure	Study/Plan	County-wide	\$ 50,000	County staff is looking to coordinate efforts with the Regional Climate Protection Authority (RCPA)'s climate funding efforts to maximize impact and spending.
<i>Community Food Network *</i>	<i>University of California Cooperative Extension (UCCE)</i>	<i>3-year project to create community based food networks to increase community resilience. Funding would be allocated to a part-time, limited term position w/ UCCE, a consultant to facilitate mapping the Sonoma County emergency food network, sub-awards to community-based organizations for community-based food network coordination, and financial assistance to mutual aid networks</i>	<i>Pilot</i>	<i>County-wide</i>	<i>\$ 250,000</i>	USDA grant proposal submitted mid May 2022. USDA has come back with several rounds of more detailed questions on our proposal and budget. Pending award announcement.
Construction, Demolition, and Deconstruction - Green Halo Software Service	Zero Waste Sonoma (ZWS) w/ Public Infrastructure Department (SoCo Pi)	Zero Waste Sonoma is working on a Construction, Demolition & Deconstruction (C&D) Recycling Model Ordinance. Funding is being requested for Green Halo, a web-based service for waste diversion and recycling tracking, because it's essential to executing the ordinance and will save staff time in tracking material diversion and enforcement.	Model Ordinance and Software	County-wide	\$ 121,400	ZWS and SoCo Pi collaborated in preparing a C&D Recycling Ordinance which is compliant with CalGreen requirements, SB 1383 and Chapter 22. The ordinance is being reviewed by a consultant for final revision. ZWS plans to present the ordinance to their Board in November and will go before the Sonoma County BOS soon after. Green Halo presented their platform to SoCo Pi, all ten member jurisdictions of ZWS, and to the permit departments of the County and City of Santa Rosa.
Doran Solar	Regional Parks	Install solar grid and backup battery to reduce greenhouse gas emissions and avoid the need for portable toilets in power interruption events.	Infrastructure	D5	\$ 378,720	Design-Build Request for Qualifications (RFQ) and Request for Proposal (RFP) documents developed. Documents are currently with Purchasing for review. After Purchasing approval of language, will post RFQ immediately, followed by RFP.
Drought Resiliency Planning	Sonoma Water	Assessment and evaluation of the 2012-2014 drought and current drought. Would establish a countywide programmatic framework and create Action Plans for each Supervisorial District to seek and advocate for local, State, and Federal funding opportunities	Study/Plan	County-wide	\$ 300,000	In July 2022, the Board approved the Drought Response and Flood Control Coordination Project to develop planning and response capabilities needed to respond to current drought conditions and State requirements. DEM and Sonoma Water expect to return to the Board in November 2022 for approval of the staff positions that will play a significant roll in developing and implementing Project.

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Flood Risk Assessment	Sonoma Water	Project would document historic, current, and future flood risk, document where and how local and federal agencies provide flood risk management services, discuss areas of improvement, & produce a report with recommendations from the collective local flood risk management agencies	Study/Plan	County-wide	\$ 275,000	Staff will leverage consultants and staff used in the Drought Resiliency Project and the Drought Response and Flood Control Coordination Project to help develop the Flood Risk Assessment Project. An RFP issued to solicit a consultant to assist with the project received no responses. Exploring options to get a consultant on board.
FloodMAR Feasibility Study	Sonoma Water	Conduct a feasibility study of Flood-Managed Aquifer Recharge (FloodMAR) opportunities in Sonoma County, resulting in identified locations where FloodMAR could be implemented based upon the geologic, hydrogeologic, land use, and landowner characteristics.	Study/Plan	D4	\$ 400,000	Sonoma Water is coordinating with the Dry Creek Rancheria Band of Pomo Indians and other participants who will be constructing the recharge projects in Alexander Valley. Sonoma Water is contracting out services to install a groundwater level monitoring network. Staff has also begun collecting data along the Russian River to better understand surface water and groundwater interactions and how the project will impact flows.
Forester Position	Permit Sonoma	Funding to hire 1 full-time equivalent (FTE) County Registered Professional Forester to develop & manage SoCo tree preservation and enhancement programs, & coordinate between staff working on resource management issues for 3 years	FTE	County-wide	\$ 380,250	Permit Sonoma posted a recruitment for a County Registered Professional Forester, as described in project description. The recruitment process was unsuccessful in filling the role, and staff is currently exploring other potential next steps to complete the project.
Rainwater Catchment Rebate	Gold Ridge Resource Conservation District w/ Sonoma Water	County-wide pilot rebate & training program to promote residential rainwater catchment. Partnership with Resource Conservation Districts, Sonoma Water, Daily Acts, and Sonoma-Marín Saving Water Partnership.	Pilot	County-wide	\$ 185,548	Program launched with a webinar on May 5th with 170 participants, and has since received ~40 applicants for technical assistance for large scale rainwater catchment systems totaling over 370,000 gallons of water storage and many more applying directly through our city partners' rebate programs. A training module for Qualified Water Efficient Landscaper program certification is near completion. Trainings scheduled for early spring 2023.
Santa Rosa Vets Building Energy Upgrade	Public Infrastructure Department (SoCo Pi) and County Administrator's Office	Energy upgrades to the Santa Rosa Veteran's building based on a report recently completed by kW Engineering. Would include upgrades to lighting, windows, heat pump water heater, air conditioning, and more. Would act as a demonstration project for future upgrades to other County-owned Veteran's buildings in Sonoma County.	Infrastructure	D3	\$ 901,230	An Investment Grade Audit of energy, water and resiliency opportunities are being completed for the Santa Rosa Veterans Hall Project. This data is being used to do a cost/benefit analysis of 3 different packages for lighting, HVAC, water heating, solar and battery storage options. An analysis of energy and water savings, greenhouse gas emission reductions, and resiliency improvement potential of these packages will be presented to staff in November and then to the BOS in late January 2023.
Santa Rosa Vets Building Resilient	Public Infrastructure Department (SoCo Pi) and County Administrator's Office	Upgrade the Santa Rosa Veteran’s Building by adding solar and battery storage with the priority being providing a resiliency feature. This is intended to be a demonstration project for potential future upgrades to the other County-owned Veteran’s buildings in Sonoma County.	Infrastructure	D3	\$ 870,000	
* Funds awarded are contingent upon receipt of USDA grant. Funds to be used as cash match.				Total:	\$5,052,148	