

**Contra Costa County  
Interim Climate Action Work Plan 2023-2024**

	Goal	Tools	Potential Measure(s) of Effectiveness	Lead County Department(s)	Notes	
<p><i>Note: The Climate Action Plan (CAP) pertains to County operations, County facilities, and the unincorporated communities in the County. Cities develop their own Climate Action Plans, at their discretion. Impacted communities are the communities that have been and will continue to be hit first and worst by the impacts of the changing climate, and are the least able to adapt, resist, or recover from those impacts.</i></p>						
<b>1</b>	<b>Clean and Efficient Built Environment</b>	<i>Homes, workplaces, and businesses in Contra Costa County run on clean energy.</i>				
1.1	Increase the number of carbon neutral buildings in Contra Costa County	<ul style="list-style-type: none"> <li>· All-electric buildings</li> </ul>	<ul style="list-style-type: none"> <li>· Adopt All-Electric Building Roadmap</li> <li>· # of permits issued for all-electric new construction in unincorporated County</li> <li>· # of all-electric retrofit projects in County facilities</li> </ul>	DCD Public Works (for County facilities)		
		<ul style="list-style-type: none"> <li>· Energy efficiency and weatherization programs</li> </ul>	<ul style="list-style-type: none"> <li>· Participation in energy efficiency and weatherization programs by residential and commercial buildings, with attention to participation in impacted communities</li> <li>· # of contractors that learn about and promote energy efficiency and electrification retrofits through the Bay Area Regional Energy Network (BayREN), Self-Generation Incentive Program (SGIP), and TECH Clean California Initiative</li> <li>· Continue implementing Asthma Initiative</li> <li>· Energy efficient lighting and other appliances and mechanical systems installed annually in County facilities</li> </ul>	DCD Health Services Public Works (for County facilities) CAO		
1.2	Replace fossil fuel electricity with renewable electricity	<ul style="list-style-type: none"> <li>· Increase participation in MCE Deep Green program by County facilities</li> </ul>	<ul style="list-style-type: none"> <li>· # and percent of County accounts enrolled in MCE Deep Green</li> </ul>	Public Works		
		<ul style="list-style-type: none"> <li>· Install more renewable electricity</li> </ul>	<ul style="list-style-type: none"> <li>· # of permits issued for solar installations in unincorporated County</li> <li>· Megawatts of rooftop and parking lot solar installed in unincorporated County, including County facilities and impacted communities</li> <li>· Gas load converted to electricity at County facilities</li> </ul>	DCD Public Works (for County facilities)		
1.3	Increase electrical grid resiliency	<ul style="list-style-type: none"> <li>· Energy storage</li> </ul>	<ul style="list-style-type: none"> <li>· Update Solar Overlay Zone Ordinance to include battery energy storage systems</li> <li>· # of permits issued for battery energy storage projects in unincorporated County</li> <li>· # of County buildings with energy storage systems, and capacity/energy storage duration of each system</li> <li>· Amount of kilowatts available at County facilities when grid is down</li> </ul>	DCD Public Works (for County facilities)		
		<ul style="list-style-type: none"> <li>· Energy use reduction in County facilities</li> </ul>	<ul style="list-style-type: none"> <li>· # of County facilities actively participating in demand response load shedding</li> <li>· Energy use avoided in County facilities annually</li> </ul>	Public Works		

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1.4	Low-carbon building materials and strategies	· Consider recommendations from low-carbon concrete study	· Low-carbon concrete study	DCD Public Works		
		· Continue use of zero-waste construction practices in County construction projects	· # of projects with Total Resource Use and Efficiency (TRUE) certification · Amount of material diverted from the landfill in TRUE certified projects	Public Works		
		· Develop tool to track embodied carbon in material choice for new construction and major renovations	· Tool to track embodied carbon in construction materials	Public Works		
2	<b>Resilient Communities and Natural Infrastructure</b>	<i>Contra Costa County will increase resilience to climate hazards and foster community health.</i>				
2.1	Sequester carbon in natural lands in Contra Costa County	· Carbon sequestration on public and private lands	· Implement recommendations from carbon sequestration feasibility study	DCD		
		· Install green infrastructure	· Progress report on implementation of County's Green Infrastructure Plan for County projects · # of projects completed and in progress in unincorporated County that include green infrastructure	Public Works CAO		
		· Explore opportunities to incorporate pervious paving in County projects · Encourage applicants to incorporate pervious paving in private projects	· Miles or square feet pervious paving installed in County projects · Develop information to educate applicants about pervious paving	Public Works DCD		
2.2	Address impacts of heat islands	· Increase number of cool roofs	· # of permits for cool roofs, both private and County facilities	DCD Public Works		
		· Increase tree canopy in unincorporated County	· Secure funding to develop a countywide Tree Plan	DCD		

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<b>3</b>	<b>No-Waste Contra Costa</b>	<i>Contra Costa County generates no more solid waste than 2.2 pounds per person per day (PPD).</i>			
3.1	Recover organic waste and edible food (SB 1383/Short-Lived Climate Pollutants Program)	· Outreach and education to residential and commercial customers in County franchise areas	· Proof of documentation provided to applicable residential and commercial customers · Public Health Nutrition Program food waste educational efforts	DCD Health Services	
		· Implement weekly organics collection services for all residential and commercial customers served in County franchise areas	· Updated franchise agreements or other appropriate action approved by the Board directing service implementation	DCD	
		· Explore opportunities to reduce the use of single-use plastics.	· Ongoing reports	DCD Health Services - Environmental Health Division	
		· Implement Edible Food Recovery Inspection Program · Educate Tier 1 & 2 businesses per adopted ordinance	· Number of Tier 1 businesses inspected (2023+) · Number of Tier 2 businesses inspected (2024)	Health Services - Environmental Health Division	
3.2	Update the County's existing Environmentally Preferable Purchasing (EPP) Policy	· Educate County staff on EPP and monitor implementation	· Compliance with EPP	Public Works	
<b>4</b>	<b>Reduce Water Use and Increase Drought Resilience</b>	<i>Contra Costa County uses less water and communities are prepared for drought.</i>			
4.1	Reduce water use in unincorporated County and in County facilities	· Promote water conservation	· Reduction in overall water use as reported by water companies · Reduction in water use at County facilities	DCD Public Works (for County facilities)	
4.2	Manage groundwater resources sustainably	· Groundwater Sustainability Plan	· Groundwater Sustainability Plan is approved by California Dept. of Water Resources	DCD	

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<b>5</b>	<b>Clean Transportation Network</b>	<i>Contra Costa County's transportation network provides safe and accessible options for walking, biking, and transit. If residents and workers are driving, they are in electric vehicles.</i>				
5.1	Reduce vehicle miles traveled in Contra Costa County by increasing number of people who bike, walk, and take public transit	· Bicycle network in the unincorporated portions of the County that connects to the county-wide network	· Percentage complete and under construction of unincorporated bike network	Public Works DCD	May require partnership with other agencies and jurisdictions	
		· Provide pedestrian network gap closures	· Linear feet of pedestrian facilities constructed · # of gaps closed	Public Works		
		· Projects that add pedestrian and bicycle facilities shall be tracked over time to document the County's implementation of the County Road Improvement and Preservation Program (CRIPP), Complete Streets, Vision Zero, Active Transportation, and equity-focused plans, programs, and policies	· Develop and begin using tool to measure progress · Updated project list · Grant awards (# and \$\$ amount) · Projects completed	Public Works DCD	Expectation that Federal and State grants under Biden Administration will favor projects that promote bike/ped/urban greening	
		· Increase equity in and continue promoting Safe Routes to School, Injury Prevention, and Building Healthy Communities programs	· Educational efforts · Communities reached	Health Services - Public Health		
		· Identify strategies and funding to implement recommendations in 2019 Employee Commute Survey of County employees	· # and percentage of County employees working remotely · # of County employees using pretax commute benefit	CAO HR		
5.2	Increase percentage of electric vehicles (EVs) in Contra Costa County fleet	· Increase number of EVs in Contra Costa County	· # of EVs registered to drivers in Contra Costa County · # of EVs purchased annually for County fleet · Percentage of County fleet that is all-electric	Public Works CAO DCD		
		· Install EV chargers at County facilities	· # of EV chargers (active ports) installed at County facilities for County fleet, workplace, and/or public use · # of parking stalls with EV charging available	Public Works CAO DCD		
		· Provide leadership and coordination on transportation electrification strategies outlined in the Contra Costa County EV Readiness Blueprint	· Amount of funding secured for electric vehicle supply equipment infrastructure · # of city jurisdictions and public agencies formally participating in coordination activities	Public Works		

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<b>6</b>	<b>Climate Equity</b>	<p><i>The CAP will mitigate environmental factors leading to health disparities, promote safe and livable communities, and promote investments that improve neighborhood accessibility.</i></p>				
6.1	All residents live in clean, healthy homes and neighborhoods, have access to parks, open space, and fresh food, and can easily move through the County	<ul style="list-style-type: none"> <li>· Adopt environmental justice policies in General Plan update</li> <li>· Ensure Climate Action Plan is equitably implemented in impacted communities</li> </ul>	<ul style="list-style-type: none"> <li>· General Plan environmental justice policies</li> <li>· Analyze funds spent by the County on energy efficiency and other services and physical improvements in impacted communities compared to non-impacted communities</li> </ul>	<p>CAO DCD Health Services Public Works</p>		
6.2	Plan for transition to a local economy that is less reliant on fossil fuels	<ul style="list-style-type: none"> <li>· Implement Community Funding Project grant from U.S. Dept. of Housing and Urban Development to support development of the Just Transition Economic Revitalization Plan Roadmap</li> <li>· Collaborate with stakeholders to develop an inclusive process</li> </ul>	<ul style="list-style-type: none"> <li>· Ongoing reports</li> </ul>	<p>Board of Supervisors (via Sustainability Cmte) DCD</p>		
<b>7</b>	<b>Leadership</b>	<p><i>Contra Costa County is a model for how local government can take action on climate issues.</i></p>				
7.1	Contra Costa County is a leader among local governments on how it addresses climate issues	<ul style="list-style-type: none"> <li>· Continue work of Interdepartmental Climate Action Task Force</li> <li>· Participation by County departments in County's Green Government Group (G3) Program</li> </ul>	<ul style="list-style-type: none"> <li>· Twice yearly reports to Board of Supervisors</li> <li>· # of G3 Champions and # of County departments represented by G3 Champions</li> <li>· Activities completed by G3 Champions (meetings held, surveys completed, etc.)</li> </ul>	<p>DCD Public Works</p> <p>DCD</p>		
7.2	Implement Climate Emergency Resolution	<ul style="list-style-type: none"> <li>· Implement climate emergency resolution</li> </ul>	<ul style="list-style-type: none"> <li>· Assess progress on action items in the Climate Emergency Resolution</li> </ul>	<p>Board of Supervisors (via Sustainability Cmte) DCD</p>		
7.3	Build Community and County Employee Support for Climate Action Plan	<ul style="list-style-type: none"> <li>· Newsletters</li> <li>· Meetings</li> <li>· Collaboration with cities and community-based organizations</li> </ul>	<ul style="list-style-type: none"> <li>· Regular column in Contra Costa FOCUS (employee newsletter)</li> <li>· Sustainability newsletter</li> <li>· # of meetings, other collaboration</li> </ul>	<p>DCD</p>		

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7.4	County investments support climate equity	<ul style="list-style-type: none"> <li>· Amend the County investment policy to divest from fossil fuels, consider the use of Environmental, Social, and Governance criteria, and prohibit investment in all securities issued by fossil fuel companies</li> </ul>	<ul style="list-style-type: none"> <li>· Updated County Investment Policy</li> </ul>	Treasurer's Office		
		<ul style="list-style-type: none"> <li>· Evaluate the issuance of labeled bonds or other projects to be funded by municipal securities for "Green," "Sustainable," or "Social"</li> </ul>	<ul style="list-style-type: none"> <li>· Adopted guidance on best practices</li> </ul>	CAO		
		<ul style="list-style-type: none"> <li>· Evaluate the use of third-party certifiers for labeled bonds to promote the integrity of the bond sale and avoid appearances of "greenwashing"</li> </ul>	<ul style="list-style-type: none"> <li>· Adopted guidance on best practices</li> </ul>	CAO		
		<ul style="list-style-type: none"> <li>· Evaluate the implementation of retail order periods to encourage local retail investors to purchase County bonds, including "labeled bonds" such as Green Bonds</li> </ul>	<ul style="list-style-type: none"> <li>· Adopted guidance on best practices</li> </ul>	CAO		