

Action Type	Action Ideas	Broad Theme	Sector	Goal	Prioritized	Action Number
Transition to high efficiency, zero carbon homes and buildings						
Mitigation	Adopt requirements for electrification of all building systems that require permits at end of useful life and/or at time of remodel, including space and water heating/cooling equipment and major appliances, and include specific provisions for low-income and vulnerable populations.	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.1
Mitigation	Research and develop an ordinance requiring building energy-efficiency upgrades and electric (or other non-fossil fuel) equipment replacement at time of sale for residential and commercial properties with a defined implementation schedule for ordinance requirements, and include specific provisions for low-income and vulnerable populations.	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.2
Mitigation/Adaptation	Modify rental license program to include minimum energy efficiency and cooling/ventilation requirements.	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.3
Mitigation	Continue to update the City's residential and non-residential reach codes to require all-electric new construction and renovations and increase electric vehicle charging infrastructure requirements; adopt a requirement that all new municipal building construction must be all-electric.	New Construction	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.4
Mitigation	Partner with Valley Clean Energy to invest in community solar energy and provide solar battery storage, encourage all subscribers to enroll in the UltraGreen option, and develop financing/incentive options that would support building energy efficiency improvements and electrification	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.5
Mitigation	Establish a carbon mitigation fund to collect voluntary and/or mandatory payments to mitigate local emissions activities, with collected funds used to support a range of local climate change-related projects	New Construction	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.6
Mitigation	Switch from fossil gas to electricity, renewable hydrogen, or other non-fossil renewables in all existing city facilities, and include a provision that the City shall upgrade to UltraGreen (100% renewable energy) with Valley Clean Energy for all municipal accounts	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings	Prioritized	A.7
Mitigation	Pursue grant funding for replacement of existing gas equipment to all-electric as equipment fails for low-income residents	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings		A.9
Mitigation	Establish an energy disclosure ordinance that requires building owners and homeowners to complete and publicly report comprehensive energy assessments prior to sale of a house or whole building	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings		A.11

Mitigation	Provide resources to promote induction cooking, such as test kitchens, incentives, and education	Existing Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings		A.12
Mitigation	Adopt a reach code to require zero net energy new construction, including new City buildings	New Construction	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings		A.13
Mitigation	Provide development incentives (e.g., density bonus) to projects that voluntarily achieve zero-net carbon design	New Construction	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings		A.14
Mitigation	Develop and fund transitioning energy efficiency and electrification at all city facilities, and use as 'models' for businesses and residents, by installing energy efficiency elements such as solar, battery storage, LED lighting, etc., and providing visual meters for energy produced/saved, air quality information, and interpretive signage	Municipal Buildings	BUILDING ENERGY AND DESIGN	Transition to high efficiency, zero carbon homes and buildings		A.15
Expand local renewable energy development and storage						
Mitigation/Adaptation	Incentivize the creation of community microgrids, community battery "co-ops", and the networking of local energy sources to support resiliency hubs that remain in operation during a power grid outage	Microgrid	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage	Prioritized	A.8
Mitigation/Adaptation	Perform a feasibility assessment for new solar development on City buildings, parking lots, etc.	Solar	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.16
Mitigation/Adaptation	Develop partnerships with owners of large parking lots to encourage the installation of solar panel shade canopies and storage that are co-owned public/private	Shade Structures	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.17
Mitigation/Adaptation	Explore regulations to allow solar panels (for shade) above driveway, front yard, side yard etc.	Solar	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.18
Mitigation/Adaptation	Set up sites for community solar complexes, with preference for participation from low income residents. Use Valley Clean Energy to organize these projects and deliver power to customers at fixed long-term prices	Solar	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.19
Mitigation	Develop a strategy to diversify renewable energy sources in the city, including wind, wastewater treatment biogas, and biomass collection	Renewable Energy	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.20
Mitigation/Adaptation	Develop financing/incentive options to support battery storage and demonstrate their feasibility, and include specific provisions for vulnerable populations	Battery	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.21
Mitigation	Work with Valley Clean Energy to achieve a zero carbon portfolio by 2030	Electric Grid	BUILDING ENERGY AND DESIGN	Expand local renewable energy development and storage		A.22
Adopt zero emissions vehicles and equipment to reduce fossil fuel use						

Mitigation	Update and implement the Davis Electric Vehicle Charging Plan (2017) to determine public and private charging infrastructure needs, time frame, and implementation approach to enable all vehicles to go electric	EV charging	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use	Prioritized	B.1
Mitigation	Develop an aggressive plan to transition the municipal vehicle fleet to alternative fuels (e.g., electric, battery electric vehicle, hydrogen)	Transit	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use	Prioritized	B.2
Mitigation	Develop an electric car-to-go system as a component to reduce need for private car ownership	EV	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.12
Mitigation	Identify a funding source to provide financial incentives for new alternative fuel vehicle purchases by residents and local businesses	EV	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.13
Mitigation	Work with Valley Clean Energy to establish preferential electric vehicle charging rates to avoid disincentives to electric vehicle adoption	EV charging	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.14
Mitigation	Develop a Right-to-Charge program to promote direct electric vehicle charger installations near homes or places of work for electric vehicles owners without access to charging, with an initial focus on locations with high rental unit concentrations	EV charging	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.15
Mitigation	Ban gas leaf blowers/require electric leaf blowers paired with a trade-in credit for gas blowers	Off-road	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.16
Mitigation	Require projects benefitting from public funds to use the best available off-road vehicle technologies to minimize greenhouse gas emissions, including electric and alternative fuel vehicle options	Off-road	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.17
Mitigation	Convert the municipal off-road vehicle and equipment fleet to electric and/or alternative fuel options	Off-road	TRANSPORTATION & LAND USE	Adopt zero emissions vehicles and equipment to reduce fossil fuel use		B.18
Increase opportunities for active mobility in the community						
Mitigation	Develop an Action Advisory Committee to address 'last mile' transportation needs with specific provisions for low-income or vulnerable populations; include specific action recommendations, such as developing a shared electric micromobility program and charging plan, considering a pedi-cab service program, providing additional resources for the Safe Routes to School program, or other actions	Micromobility	TRANSPORTATION & LAND USE	Increase opportunities for active mobility in the community	Prioritized	B.3
Mitigation	Develop financing/incentives for purchasing, using, and maintaining electric micromobility vehicles for personal use (such as bicycles, scooters, trailers), and include specific provisions for low income and vulnerable populations	Micromobility	TRANSPORTATION & LAND USE	Increase opportunities for active mobility in the community	Prioritized	B.4

Mitigation	Provide centralized, monitored storage areas for all mobility devices (e.g., bikes, scooters), especially near high activity destinations	Micromobility	TRANSPORTATION & LAND USE	Increase opportunities for active mobility in the community		B.19
Mitigation	Provide small scale, on-demand alternative fuel micro-transit (e.g., minibuses or vans) for intra-city trips through Davis Community Transit	Microtransit	TRANSPORTATION & LAND USE	Increase opportunities for active mobility in the community		B.20
Mitigation	Expand and improve active mobility infrastructure (e.g., bike lanes) to promote use and increase safety	Active Transportation	TRANSPORTATION & LAND USE	Increase opportunities for active mobility in the community		B.21
Strengthen transit service within Davis and among regional neighbors						
Mitigation	Subsidize public transit so it is free for all to use and promote expansion of public transit routes and increased operation frequency within Davis to support day-to-day travel needs	Transit	TRANSPORTATION & LAND USE	Strengthen transit service within Davis and among regional neighbors	Prioritized	B.5
Mitigation/Adaptation	Implement roadway infrastructure improvements in existing right-of-way, such as 'road diets', narrower pedestrian crossing distances, green stormwater infrastructure, etc., to meet Green Streets standards and increase safety for pedestrians and bicycles to encourage active transportation	Transit / Active Transportation	TRANSPORTATION & LAND USE	Strengthen transit service within Davis and among regional neighbors	Prioritized	B.6
Mitigation	Coordinate with regional transit agencies and cities to promote cohesive transit interconnections, including express buses to Woodland, West Sacramento, Sacramento, etc.	Transit	TRANSPORTATION & LAND USE	Strengthen transit service within Davis and among regional neighbors	Prioritized	B.7
Reduce single occupant vehicle use						
Mitigation	Revisit most recent parking pricing study (Downtown Paid Parking, City Council March 5, 2019) and implement pilot projects to test their effectiveness	Parking	TRANSPORTATION & LAND USE	Reduce single occupant vehicle use	Prioritized	B.8
Mitigation	Create an Action Advisory Committee to address recommendations for developing, funding, and staffing a coordinated Transportation Demand Management (TDM) program to encourage and/or require 'all people, all trips' to implement TDM strategies, such as remote work opportunities, community education and outreach, micromobility, vanpool, rideshare, subsidized transit, employee parking cash-out, etc.	TDM	TRANSPORTATION & LAND USE	Reduce single occupant vehicle use	Prioritized	B.9
Mitigation	Establish a low-emissions vehicle program for Downtown Davis that disincentivizes travel by internal combustion engine vehicles	VMT Reduction	TRANSPORTATION & LAND USE	Reduce single occupant vehicle use	Prioritized	B.10
Mitigation	Expand and promote a carpool program to reduce commute trips into/out of Davis	Carpool	TRANSPORTATION & LAND USE	Reduce single occupant vehicle use		B.23
Mitigation	Establish parking space maximums for new residential development to limit parking supply	Parking	TRANSPORTATION & LAND USE	Reduce single occupant vehicle use		B.24
Mitigation	Require parking space costs to be unbundled from housing costs	Parking	TRANSPORTATION & LAND USE	Reduce single occupant vehicle use		B.25
Expand opportunities for local housing development to balance local employment opportunities						

Mitigation	Develop incentive options to increase housing construction in the city, including high-density, mixed-use (especially office space and food service), transit-oriented, and affordable options	Development	TRANSPORTATION & LAND USE	Expand opportunities for local housing development to balance local employment opportunities	Prioritized	B.11
Mitigation	Utilize upzoning, mixed use zoning, and/or relaxed single family zoning to allow for additional multifamily development	Development	TRANSPORTATION & LAND USE	Expand opportunities for local housing development to balance local employment opportunities		B.26
Mitigation	Evaluate existing shopping centers and commercial corridors to identify opportunities for mixed use development to bring more people near services and energize existing centers	Development	TRANSPORTATION & LAND USE	Expand opportunities for local housing development to balance local employment opportunities		B.27
Reduce waste generation and increase diversion away from landfills						
Mitigation	Expand on the already-required city-county food recovery and redistribution program	Food Recovery	WATER & SOLID WASTE	Reduce waste generation and increase diversion away from landfills		C.2
Mitigation	Implement equipment sharing programs for maintenance/repair tools, gardening equipment, bikes, etc.	Reuse/Repair	WATER & SOLID WASTE	Reduce waste generation and increase diversion away from landfills		C.3
Mitigation	Promote local spring cleaning upcycling events for residents, including increased bulky items vouchers	Reuse/Repair	WATER & SOLID WASTE	Reduce waste generation and increase diversion away from landfills		C.4
Mitigation	Replace or augment all waste bins at City parks/greenbelts with recycling and organics bins to reduce waste and separate the waste stream. This may mean removing single trash bins in some areas	Waste	WATER & SOLID WASTE	Reduce waste generation and increase diversion away from landfills		C.5
Conserve water in our buildings and landscapes						
Mitigation/Adaptation	Develop financing/incentive options with specific provisions for low-income and vulnerable populations that promote climate-ready private landscapes, such as installing drought tolerant, native, climate-ready plants and/or xeriscaping; programs that support turf removal; installing rainwater capture and harvesting equipment; and the use of green stormwater measures to enhance natural water infiltration	Outdoor Water Use	WATER & SOLID WASTE	Conserve water in our buildings and landscapes	Prioritized	C.1
Mitigation/Adaptation	Remove turf grass from public spaces to the extent feasible and replace with native, climate-ready, and drought tolerant landscaping and efficient irrigation systems	Public Green Space	WATER & SOLID WASTE	Conserve water in our buildings and landscapes		C.6
Mitigation/Adaptation	Develop financing/incentive options to promote the collection and reuse of greywater and recycled water in existing buildings, and include specific provisions for vulnerable populations	Greywater/Recycled Water	WATER & SOLID WASTE	Conserve water in our buildings and landscapes		C.7
Mitigation/Adaptation	Develop pricing mechanisms to disincentivize water waste	Water Pricing	WATER & SOLID WASTE	Conserve water in our buildings and landscapes		C.8
Mitigation/Adaptation	Develop policies that require greywater reuse in new construction and major remodels	Greywater	WATER & SOLID WASTE	Conserve water in our buildings and landscapes		C.9

Mitigation/Adaptation	Develop financing/incentive options to reduce pool water consumption and energy use, and include specific provisions for vulnerable populations	Pools	WATER & SOLID WASTE	Conserve water in our buildings and landscapes		C.10
Mitigation	Install a reclaimed water distribution system from the wastewater treatment plant to the city, and specifically to any big water users	Water	WATER & SOLID WASTE	Conserve water in our buildings and landscapes		C.11
Create a cooler city with more green space for people and habitat						
Mitigation	Develop an ordinance to require the use of cool surfaces, reflective materials, and coatings to reduce the heat island effect	Heat Island	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat	Prioritized	D.1
Mitigation/Adaptation	Expand urban forest in parks, greenbelts, and open space with climate-ready species that provide shade, and develop a tree replacement plan for street trees for all neighborhoods	Urban Forest	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat	Prioritized	D.2
Mitigation/Adaptation	Update the Parks Management Maintenance Plan for public green spaces that considers plant selection for long-term climate resilience and sequestration benefits, expands drought tolerant greenbelts, and uses succession planting to replace existing greenbelts with drought tolerant and climate-ready species	Public Green Space	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat		D.10
Adaptation	Develop policies that require new green spaces in residential, multi-family housing, and commercial private developments	Green Space	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat		D.11
Adaptation	Provide more non-natural shade in public spaces where trees cannot be planted	Extreme heat	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat		D.12
Adaptation	Develop financing/incentive options to promote the use of cool surfaces, reflective materials and coatings to reduce the heat island effect	Extreme heat	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat		D.13
Mitigation/Adaptation	Develop financing/incentive options to promote the use of green walls and roofs on downtown buildings	Green Roof	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat		D.14
Mitigation/Adaptation	Increase community garden opportunities with priority for renters, and incorporate a garden management program	Community Gardening	CLIMATE RISK & CARBON REMOVAL	Create a cooler city with more urban forest and green space for people and habitat		D.15
Protect public health and safety from extreme heat and wildfire smoke						

Adaptation	Develop policies that require air filtration and air conditioning in new and existing residential and commercial properties, with a priority on residential rental properties	New Construction	CLIMATE RISK & CARBON REMOVAL	Protect public health and safety from extreme heat and wildfire smoke and reduce the urban heat island effect	Prioritized	D.3
Adaptation	Develop incentives for air conditioning and ventilation upgrades and indoor air filters to improve indoor air quality in buildings, and include specific provisions for low-income and vulnerable populations	Existing Buildings	CLIMATE RISK & CARBON REMOVAL	Protect public health and safety from extreme heat and wildfire smoke and reduce the urban heat island effect		D.16
Protect public health, safety, and infrastructure against damage and disruption from flooding						
Adaptation	Develop policies to increase the use of green stormwater infrastructure and enhance natural water infiltration in public infrastructure	Flooding	CLIMATE RISK & CARBON REMOVAL	Protect public health, safety, and infrastructure against damage and disruption from flooding	Prioritized	D.4
Adaptation	Relocate/elevate critical infrastructure out of projected flood areas	Flooding	CLIMATE RISK & CARBON REMOVAL	Protect public health, safety, and infrastructure against damage and disruption from flooding	Prioritized	D.5
Mitigation/Adaptation	Pursue grant funding to support green infrastructure projects like urban forest management/expansion and sustainable stormwater management	Green Infrastructure	CLIMATE RISK & CARBON REMOVAL	Protect public health, safety, and infrastructure against damage and disruption from flooding		D.17
Adaptation	Conduct analysis to determine if the levee surrounding the wastewater treatment plant would be accepted by the Federal Emergency Management Agency for flood protection from a 500-year storm event	Flooding	CLIMATE RISK & CARBON REMOVAL	Protect public health, safety, and infrastructure against damage and disruption from flooding		D.18
Prepare and respond to climate hazards to ensure that the City is equipped to address current and future challenges						
Adaptation/Mitigation	Allocate funding and staff resources to aggressively implement important existing climate-related efforts, such as stormwater management policies, urban water management programs and plans, the 2021 update to the Urban Forestry Management Plan, water conservation programs, and solid waste reduction programs	Hazards	CLIMATE RISK & CARBON REMOVAL	Prepare and respond to climate hazards to ensure that the City is equipped to address current and future challenges	Prioritized	D.6
Adaptation	Develop policies to expand existing public services and resources, such as cooling and weather relief centers, during extreme weather events	Hazards	CLIMATE RISK & CARBON REMOVAL	Prepare and respond to climate hazards to ensure that the City is equipped to address current and future challenges	Prioritized	D.7
Adaptation	Investigate aquifer storage and recovery systems to capture and store excess river water for later use. Investigate the potential for augmenting aquifer storage with treated wastewater	Green Space	CLIMATE RISK & CARBON REMOVAL	Prepare and respond to climate hazards to ensure that the City is equipped to address current and future challenges		D.19

Adaptation	Install additional water fountains and undertake other actions (such as upgrading existing water fountains to include bottle fillers and dog water) to increase public access to water	Extreme heat	CLIMATE RISK & CARBON REMOVAL	Prepare and respond to climate hazards to ensure that the City is equipped to address current and future challenges		D.20
Adaptation	Provide backup power for critical infrastructure, including traffic signals	Hazards	CLIMATE RISK & CARBON REMOVAL	Prepare and respond to climate hazards to ensure that the City is equipped to address current and future challenges		D.21
Demonstrate climate leadership through innovation, education, and investment						
Mitigation	Develop an Action Advisory Committee to research carbon sequestration and removal opportunities the City can pursue to balance remaining emissions by 2040, and use findings and recommendations to advance actions	Carbon Removal	CLIMATE RISK & CARBON REMOVAL	Demonstrate climate leadership through innovation, education, and investment	Prioritized	D.8
Mitigation	Develop carbon farm plans for City-owned agricultural land and seek grant funding to implement recommended strategies for maximum carbon sequestration	Carbon Removal	CLIMATE RISK & CARBON REMOVAL	Demonstrate climate leadership through innovation, education, and investment	Prioritized	D.9
Mitigation	Promote plant-based diets through education and outreach	Food & Diets	CLIMATE RISK & CARBON REMOVAL	Demonstrate climate leadership through innovation, education, and investment		D.22
Mitigation	Develop 'Sustainability Center' for information and services in downtown Davis (such as opportunities for up-cycling; metrics about how Davis is doing on greenhouse gas reduction, etc.) See Hammerby GlashusEtt near Stockholm Sweden	Education and Outreach	CLIMATE RISK & CARBON REMOVAL	Demonstrate climate leadership through innovation, education, and investment		D.23
Mitigation	Evaluate the City's financial portfolio and divest assets from the fossil fuel industry	Divestment	CLIMATE RISK & CARBON REMOVAL	Demonstrate climate leadership through innovation, education, and investment		D.24
Mitigation/Adaptation	Utilize enterprise funds and revolving loan funds to finance green investments	General Funding	CLIMATE RISK & CARBON REMOVAL	Demonstrate climate leadership through innovation, education, and investment		D.25