Focus Area	Target	Strategy	GHG Impact	Leads	Time frame	Co-Benefits	
Energy							
1.1	Reduce	energy use and decarbonize buildings					
	а	Develop programs that improve building energy efficiency, with a goal of net-zero GHG emission energy use.	High	City and Community	Medium		
	b	Improve energy performance in less efficient buildings with periodic, cost effective and incremental energy efficiency improvements.	High	City and Community	Ongoing	BOUAL	ST NITIGAN
	С	Weatherize City buildings in need of energy efficiency improvement. Pair with strategies like electric vehicle charging, energy storage, and fuel switching.	High	City	Ongoing	For a Stisstainable Community	Far a Sustainable Commun
	d	Promote use of established home energy rating system for all single-family home so potential buyers and renters can make informed decisions.	Medium	City	Medium	STR STEWARDS	SHILLS MANAGE
	e	Partner with local utilities and non-profit organizations to weatherize homes and multifamily dwellings for those with the largest risk of the negative effects of climate change. Extend partnerships to commercial facilities to help small business stay ahead of potentially rising energy costs and climate challenges.	High	City and Community	Medium	For a Sisterainable Control	For a Sistainable Contract
1.2	Reduce	energy use and decarbonize transportation					
	а	Increase access to healthy transportation options, like active transportation (walking, biking), carpooling, public transit, and next generation mobility, with goal to reduce vehicle miles traveled in single occupant vehicles.	High	City and Community	Medium	ROUA	A CONTRACTOR
	b	Develop an electric vehicle charging master plan for deployment of charging infrastructure at City sites, such as parks, libraries and rights-of-way, with special attention to neighborhoods where charging infrastructure is not available.	High	City and Community	Short	Sustainable contribution	Stistainable contribution
	С	Work collaboratively with the community on strategies that will increase electric vehicle charging infrastructure-ready homes and businesses.	High	City and Community	Medium	Foras	For a State
	d	Advocate for access to electric vehicles for low-income people.	High	City and Community	Medium	"Stainable Cont	"Stainable Cove
1.3	Increas	e the use of clean, renewable energy and decarbonize the	e grid				
	а	Accelerate the use of carbon-free, renewable energy supplies that come from hydroelectric, solar, biogas, wind, and other innovative technologies in local utility energy portfolios.	High	City	Short	ROUAL	St MIIGAN
	b	Expand on-site renewable energy generation and storage capacity to support resilience in the community.	High	City and Community	Short	Fora	Fora
	С	Subscribe to and advocate for utility scale renewable energy projects that provide energy for the community.	High	City	Short	Sustainable Comm	ustainable Comm
	d	Accelerate the installation of infrastructure for electric vehicles and renewable natural gas vehicles.	High	City and Community	Short	STR STORAGE	
	е	Support community-based renewable energy initiatives.	High	City and Community	Short	For a	For a
	f	Use verified and proven carbon offsets where renewable energy options are not feasible.	High	City and Utility	Medium	Sustainable Comm	Sustainable Comm
1.4	Mainta	in a resilient, clean energy supply					
	а	Invest in resilient energy sources and infrastructure.	Resilience	City and Utility	Short		
	b	Advocate for resilient energy supplies for the community.	Resilience	City and Community	Medium	I I I I I I I I I I I I I I I I I I I	w w

Focus Area	Target	Strategy	GHG Impact	Leads	Time frame	Co-Benefits
Air Quality						
2.1	Reduce	GHGs and ozone				
	а	Implement programs that help Mesa meet US EPA National Ambient Air Quality Standards.	Resilience	City	Medium	NERC
	b	Educate community on the value of energy efficiency and the transition to carbon-free energy.	High	City and Utility	Short	C. C. C.
	С	Enhance comfortable, walkable connections to public facilities, parks, and neighborhood-level services. Promote compact, healthy, livable land use patterns.	Resilience	City and Community	Short	For a state
	d	Develop a tree and shade master plan that will be part of the evaluation of walkable connections and promote carbon sequestration.	Medium	City	Medium	stainable (off
	e	Provide transit options and transportation networks, such as electric vehicles charging stations, for longer trips.	High	City and Community	Medium	A CARLER OF COMPANY
	f	Convert gasoline and diesel-powered powered equipment, such as landscaping and construction equipment, to electric or low-emission fuels.	High	City and Community	Medium	For a Sustainable (Ontil
	g	Reduce vehicle trips on High Pollution Advisory Days.	High	City and Community	Medium	and Die C
2.2	Reduce	e dust				
	а	Implement strategies that result in stricter adherence with Maricopa County dust control regulations.	Resilience	City	Medium	
	b	Invest in the urban forest, including appropriate plant selection, irrigation and care.	Resilience	City and Community	Short	
2.3	Reduce	smoke		_		
	а	Enhance local compliance with smoke emission requirements on "no-burn" days through outreach and incentives.	Resilience	City	Medium	
2.4	Increas	e community commitment to air quality recommendatior	ns			
	а	Enhance inclusive community education on Maricopa County's Clean Air Make More program and other collaborative air quality programs.	Resilience	City	Short	

Focus Area	Target	Strategy	GHG Impact	Leads	Time frame	Co-Benefits	
Urban Heat	Mitigatio	n					
3.1	Mitigat	e heat island effect in urban areas					
	а	Coordinate with ASU, Arizona Department of Health Services, National Oceanic and Atmospheric Administration and similar organizations on the collection and distribution of heat and weather data for the community.	Resilience	City	Short	WERE SOUTH STOR	
	b	Identify shading strategies for key pedestrian networks, including transit stops.	Resilience	City	Medium	E Contraction of the Contraction of	
	С	Develop a plan with recommendations for strategic placement of trees and structured shade.	Medium	City	Medium		
	d	Reduce the number of unshaded transit stops through the use of trees or structural shade elements.	Resilience	City	Medium	(O)	
	e	Collaborate with designers, engineers and contractors to use alternative materials and coatings hold less heat and that more effectively dissipate heat.	Medium	City and Community	Medium	🐞 🗳 💿 🍥	
	f	Promote the use of green infrastructure and stormwater management.	Medium	City	Medium	ANER AND AND	
	g	Install solar canopy parking structures in parking lots.	Resilience	City and Community	Short	titrainable Control	
3.2	Suppor	t resilient ecosystems and Mesa's natural ability to captu	re and store car	bon	1		
	а	Collaborate with community partners to ensure a healthy urban forest.	Resilience	City and Community	Short		
	b	Protect natural open space and conserve native wildlife, plants, and natural areas.	Resilience	City and Community	Medium	ERGA SOUALE STEWARD	
	С	Manage areas to support resilient ecosystems and biodiversity.	Resilience	City and Community	Short		
	d	Support resilient ecosystems through selection of desert adapted trees and plants that will thrive in the anticipated climate of 2030.	Resilience	City and Community	Medium	adinable (Sin adinable (Sin anable C	
3.3	Prepare	e the community and workforce	-				
	а	Develop an energy performance and heat resilience program that provides a path to weatherize less efficient homes and businesses.	Resilience	City and Community	Medium	The second secon	
	b	Foster a safe work environment by preparing workforce for climate change risks they may encounter at their work sites.	Resilience	City and Employers	Short	0	
	С	Provide the resources necessary to adequately prepare the community for climate change risks that may affect their home or work environment.	Resilience	City, Community and Employers	Medium	WERGA SOURCE STERMAN	
	d	Work with the City's Community Engagement Division and local nonprofits to educate neighborhoods about heat concerns and issues.	Resilience	City	Medium	To suramable control	

Focus Area	Target	Strategy	GHG Impact	Leads	Time frame	Co-Benefits	
Water stewardship							
4.1	Efficier	nt use of potable water					
	а	Install efficient fixtures and equipment.	Resilience	City and Community	Medium		
	b	Implement effective water conservation strategies and incentives.	Resilience	City and Community	Short	-	
	С	Enhance incentives for customers to use water efficiently outdoors.	Resilience	City	Medium		
	d	Provide water customers with detailed information about planting, caring for and the value of desert-adapted trees and landscaping. Encourage limiting grass to areas that have recreational value.	Resilience	City	Short		
	e	Conduct audits, install leak detection and replace water cooled equipment with efficient air-cooled equipment.	Resilience	City and Community	Medium	Sustainable Control	
	f	Collaborate with utilities and the community to develop a water use efficiency performance program, including incentives, so that less efficient users understand how to make periodic, cost-effective, incremental water efficiency improvements, indoors and out.	Resilience	City and Community	Short		
	g	Expand the City's conservation education and outreach programs for students. Challenge students at all levels to learn about conservation strategies, engage in conservation research and develop water efficiency solutions.	Resilience	City	Medium	- ainable (or annable (o	
4.2	Protect	surface water resources		·			
	а	Look for opportunities in new City projects, parks, roads and buildings, as illustrated in the Low Impact Development Toolkit and the Greater Phoenix Green Infrastructure and Low Impact Development Details for Alternative Stormwater Management.	Resilience	City	Medium	NERGA SOULA STUDIE	
	b	Reduce stormwater pollution by installing stormwater quality retrofit pilot projects on three City sites. Coordinate flood control with water quality projects.	Resilience	City	Short		
	С	Protect natural resources and conserve natural areas.	Resilience	City and Community	Medium		
4.3	Mainta	in a resilient water supply for City operations		1			
	а	Invest in resilient water infrastructure projects to maintain resilient water supplies.	Resilience	City	Short	WERGA SOURCE STILL	
	b	Implement strategies and infrastructure that optimize reuse and underground water storage.	Resilience	City	Short		

Focus Area	Target	Strategy	GHG Impact	Leads	Time frame	Co-Benefits		
Materials Management								
5.1	Elimina	te GHG emissions, volatile organic compounds (VOCs) ar	nd hazardous ma	terial to the greatest ext	ent possible			
	а	Replace chemicals and materials identified as GHG and VOC emitters with alternatives in construction, maintenance, and operations.	Resilience	City and Community	Short			
	b	Select products with low supply chain emissions.	High	City and Community	Short			
	С	Purchase products sourced locally.	High	City and Community	Short			
5.2	Reduce	waste and transform the circular economy		1				
	а	Implement mindful purchasing for capital projects, maintenance projects and standard operations.	Medium	City and Community	Medium			
	b	Expand options for reuse and recovery of hard to recycle materials.	Medium	City and Community	Medium			
	С	Develop initiatives that support a circular economy framework and engage the community on upstream solutions to reduce waste.	Medium	City	Medium	KNERGA SOUAL		
	d	Reuse, repair, refurbish, repurpose equipment and materials whenever possible and look into alternative markets for reuse.	Medium	City and Community	Medium	For a State		
	е	Use the Recycle Right Wizard search tool available at MesaRecycles.org and on the MesaNow app.	Medium	Community	Short	stainable (0)		
	f	Strategically set up waste stream systems that beneficially use waste that is not reusable or recyclable to create power from waste.	Medium	City and Community	Medium	STATISTICAL STREAMARD		
	g	Reduce waste by converting heavy duty fleet and CNG powered vehicles to low-emission, renewable natural gas vehicles.	High	City	Short	For a sisterinable (on the		
	h	Work with local organizations to support local businesses that have similar goals.	Medium	City	Short			
	i	Expand education and outreach for sustainable purchasing guidelines.	Medium	City	Medium			
5.3	Ensure	safe and cost-effective long-term disposal	-					
	а	Increase long-term landfill sustainability.	Medium	City	Medium			
	b	Advance multi-family and commercial recycling.	Medium	City	Medium			
	С	Turn waste into a resource and promote upstream solutions to reduce waste.	Medium	City and Community	Medium			

Focus Area	Target	Strategy	GHG Impact	Leads	Time frame	Co-Benefits
Local, sustai	nable foo	d systems				
6.1	Cultivate natural systems					
	а	Support low-carbon food production, distribution, and ecosystems. In addition to mitigating climate impacts, this strategy will support biodiversity.	High	City and Community	Medium	ERGA SOUAL
	b	Support sustainable urban growth that includes equitable access to local food systems.	High	City	Medium	
	С	Support a strong community network of successful and culturally diverse businesses that produce, process, cook, transport, and sell foods with the goal of preventing food loss and waste.	Medium	City	Medium	stainable contraction of an able contraction of a state contraction
	d	Optimize waste operations that create energy and compost from waste.	Medium	City	Medium	For a system of the system of
	е	Incorporate sustainable growth, agriculture, food processing and distribution into existing and future economic development initiatives.	High	City	Medium	anable (and anable (and
6.2	Cultiva	te local food systems and natural systems				
	а	Recognize that local food systems and natural systems are an integral part of the economy.	Medium	City and Community	Short	NFRC Olla
	b	Encourage backyard gardens and urban gardens (for personal use or business).	Medium	City and Community	Short	
	С	Support sustainable urban growth that includes equitable access to local food systems.	High	City	Medium	Sustainable Contraction
	d	Build agriculture (farms, processing, distribution and sales) into land use planning.	High	City	Medium	SUSTEMARD TO SUSTAIN STATUS
	e	Support a strong community network of successful and culturally diverse businesses that produce, process, cook, transport, and sell foods with the goal of preventing food loss and waste.	High	City	Medium	To substainable control
	f	Support local agriculture education programs.	Medium	City and Community	Medium	
6.3	Build a	model where all people in Mesa have access to affordable	e, healthy, local t	food		
	а	Encourage farmers markets, promote local gardening and sales.	Medium	City and Community	Short	CNERGL QUAL
	b	Build local food purchases into procurement policies.	Medium	City	Medium	
	С	Partner with local organizations such as Local First Arizona, to provide technical assistance to business owners.	Medium	City and Community	Short	a statistic contraction of a statistic contraction
	d	Provide economic development support for local food businesses.	Medium	City	Medium	Stevensor
	е	Identify "food deserts" in Mesa, map available parcels, work with non-profits, and remove barriers to filling the gaps.	Medium	City	Medium	Terrent anable Contraction
6.4	Waste	and composting				
	а	Limit food waste by removing obstacles for efficient systems, partner with food banks and grocery stores.	High	City	Medium	there soldare
	b	Optimize waste operations that create energy and compost from waste. Lead by example - Food Waste to Energy project.	High	City	Medium	The second secon
	С	Work with Phoenix Metro partners to determine which reduction actions will reduce GHG emissions from the production, processing and delivery of food.	Medium	City and Community	Medium	Contraction of the second seco