



# Moab Sustainability Action Plan Summary

Planning Commission  
November 9, 2023

# Why a Sustainability Action Plan?



Map out steps for Moab to equitably pursue sustainability and climate action.



Build on Moab's history of energy action and resource conservation.



Integrate sustainability priorities from existing plans for a unified path forward.



Develop goals and strategies to measure and achieve progress within topic areas.



Engage and empower community members on sustainability.



Create an actionable work plan to guide next steps.

# Sustainability Action Plan Timeline 2023

March	<ul style="list-style-type: none"><li>• RFP issuance</li></ul>
April-May	<ul style="list-style-type: none"><li>• Brendle Group contract negotiation</li></ul>
June	<ul style="list-style-type: none"><li>• Project management team meeting</li><li>• Technical advisory meeting</li></ul>
August	<ul style="list-style-type: none"><li>• Technical advisory meeting</li><li>• City Council workshop</li></ul>
September	<ul style="list-style-type: none"><li>• Community survey</li></ul>
October	<ul style="list-style-type: none"><li>• Strategy quantification development</li><li>• Project management top strategy review</li></ul>
November	<ul style="list-style-type: none"><li>• Community open house</li><li>• Technical advisory meeting</li><li>• Nov. 9 Planning commission review</li><li>• Nov. 14 Council update</li><li>• Nov. 20-27 Draft plan comment period</li><li>• Nov 29 Council workshop</li></ul>
December	<ul style="list-style-type: none"><li>• Revisions completed</li><li>• Dec. 12 Council consideration</li></ul>

# Sustainability Action Plan Framework

## Vision

- Our “north star” to guide Moab’s Sustainability Action Plan

## Cross-Cutting Considerations

- Common themes that serve as a lens to guide this planning process

## Focus Areas

- Topic areas that are used to organize our sustainability work

## Goals

- What we are trying to achieve within each of our focus areas

## Strategies

- Initiatives in support of the sustainability vision and goals
- Six of which will have implementation plans within the larger plan

## Metrics

- Data that will indicate whether we are meeting our goals

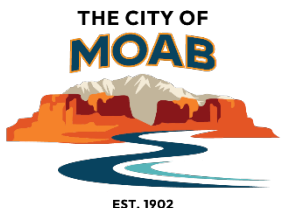
# Vision Statement

## Moab's Sustainability Vision

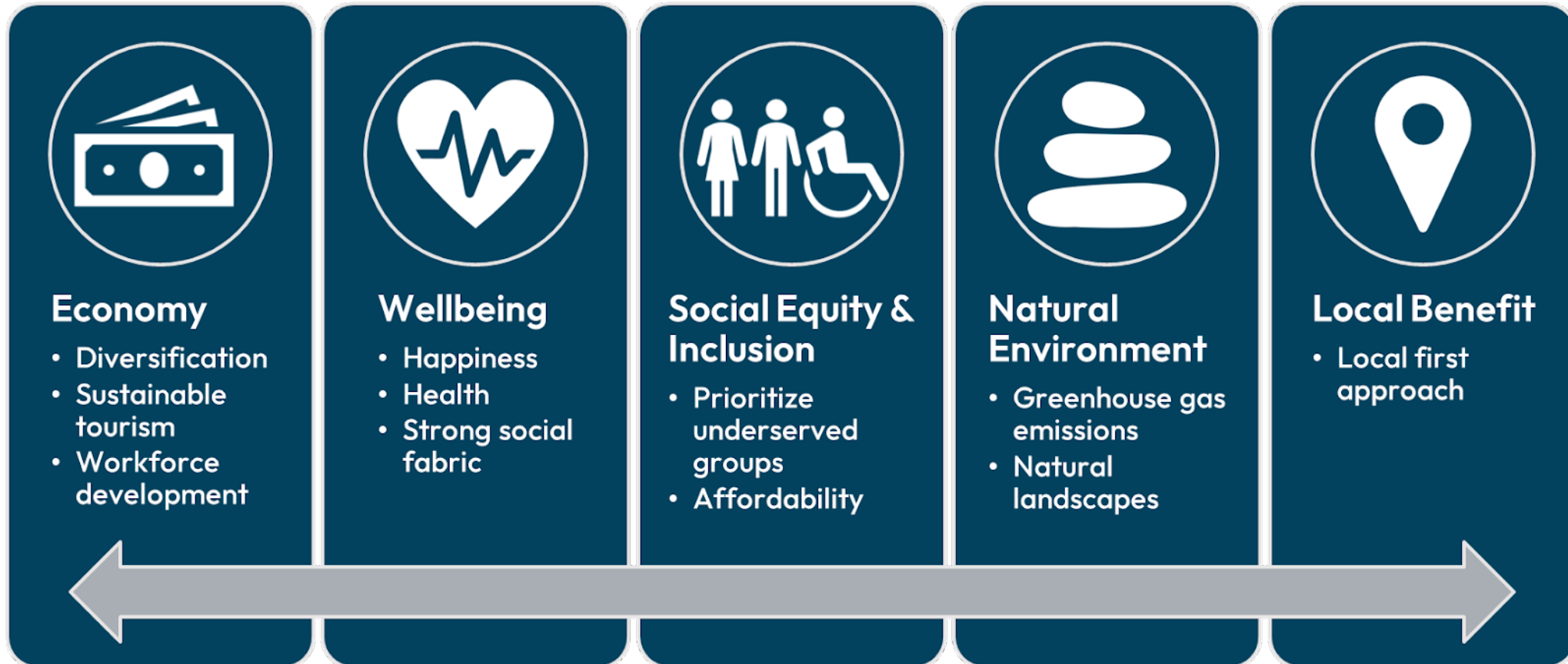
Moab strives to become a thriving, resilient, equitable, and inclusive community, fostering a high quality of life, a healthy environment, and a stable economy.

## Sustainability Action Plan Purpose

This Sustainability Action Plan serves as a roadmap for community collaboration on actionable steps toward our sustainability vision. The City of Moab is dedicated to implementing the plan in a transparent manner and welcomes ongoing community involvement in shaping our sustainable future.



# Cross-cutting Considerations



# Sustainability focus areas



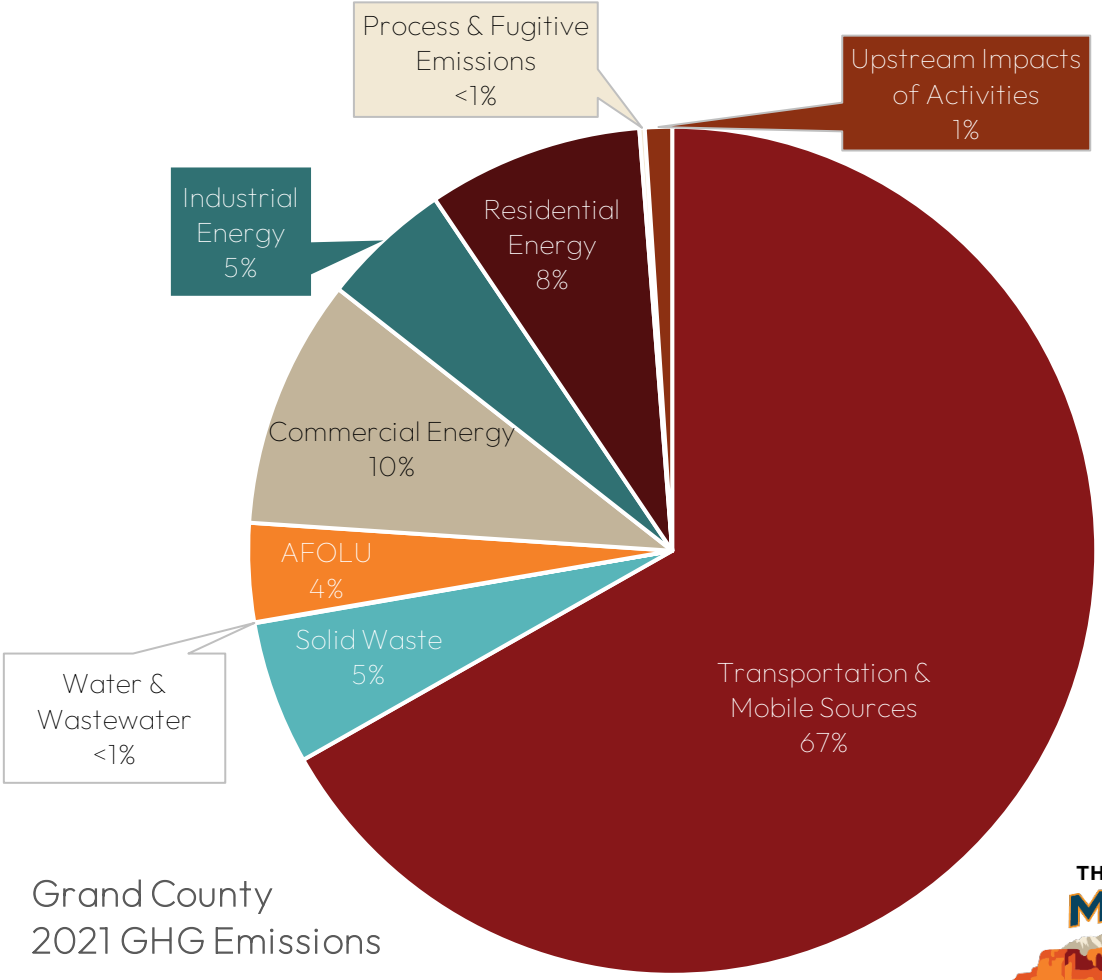
# Moab's greenhouse gas emissions goal

Reduce community greenhouse gas emissions by 80% by 2040, including a reduction of at least 50% by 2032, compared to a 2018 baseline

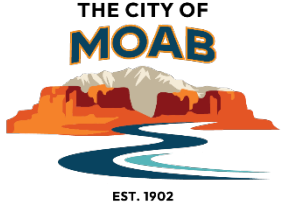
*(Resolution 13-2017)*

100% renewable electricity by 2030

*(Resolution 38-2019)*



Grand County 2021 GHG Emissions





# Community Survey Summary

- 208 responses
- Demographics
  - 60% inside Moab City Limits
  - 53% female, 35% male, 12% other or prefer not to say
  - 94% speak English at home
  - 85% white
  - 28% 65+, 21% 25-34
  - 50% <\$75,000 household income, 14% > \$100,000 (24% prefer not to say)



# Implementation Plan Strategies (from the full list)

Strategy Name	Community Score	Impact Score	Equity and Wellbeing Score	Practicality Score	Overall Strategy Score
NE1: Expand the Urban Tree Canopy	3.0	2.25	3.0	1.7	9.9
T1: Develop a Multimodal Transportation Plan	3.0	2.5	3.0	1.3	9.8
W1: Water Conservation Plan	3.0	2.25	2.0	1.3	8.6
LP1: Urban Agriculture Programs	3.0	1.5	2.0	2.0	8.5
NE2: Protect Habitat and Green Space	3.0	2.25	2.5	0.7	8.4
W3: Nature-Based Stormwater Solutions	3.0	2	2.0	1.3	8.3
EB1: Incentives for Energy Efficiency, Renewables, and Indoor Air Quality	2.5	2.5	2.0	1.0	8.0
W2: Accessible Data on Water Conditions	2.0	2	2.5	1.0	7.5
NE4: Reduce Ambient Noise	2.5	1	2.0	2.0	7.5
LP2: Sustainable Development Best Practices and Performance Review	2.5	2.25	1.5	1.0	7.3
EB3: Encourage Healthy, Sustainable Building Practices	2.5	1.5	1.5	1.7	7.2
T4: Develop an EV Readiness Plan	1.5	2	1.5	2.0	7.0
NE3: Become a Dark Sky Community	2.5	0.75	2.0	1.7	6.9
T3: Green Streets Policy	1.5	1.75	2.0	1.7	6.9
LP3: Reduce Industrial Air Pollution Impacts	1.5	1.25	2.0	2.0	6.8
LP4: Reduce Industrial Noise Impacts	2.0	0.75	2.0	2.0	6.8
T2: Off-Road Vehicle Electrification	1.5	1.75	2.0	1.3	6.6
EB2: Achieve SolSmart Certification	2.0	1.5	1.0	2.0	6.5
EB4: Energy Education Campaign	1.5	1.75	1.5	1.7	6.4
T5: Anti-Idling Policy Enforcement	1.0	1.25	1.5	2.7	6.4
T6: Sustainable Transportation Education	1.0	1.5	1.5	2.3	6.3
W4: Greywater Adoption	2.5	1.25	1.0	1.3	6.1
MM1: Organic Waste Diversion Pilot	3.0	1.25	0.0	1.7	5.9
MM3: Construction and Demolition Waste Reduction	3.0	1	0.0	1.7	5.7
W5: Municipal Water Audits	1.5	1.5	0.5	2.0	5.5
EB5: Municipal Facilities Energy Audit	2.5	1	0.5	1.3	5.3
MM2: Waste Education Campaign	2.0	1	0.5	1.7	5.2
EB6: Advocate for State Energy Codes	1.5	1.5	1.0	1.0	5.0
MM4: Municipal Environmental Purchasing Policy	1.0	1	1.0	2.0	5.0
T7: Municipal Fleet Electrification	1.0	1.5	0.5	2.0	5.0
MM5: Materials Repair and Reuse Resources	0.0	1.5	1.5	1.7	4.7
EB7: WattSmart Communities Implementation	0.0	1.75	1.0	1.3	4.1
MM6: Evaluate Plastic Bag Ban	0.5	0.25	0.5	2.0	3.3
MM7: Waste Audits and Monitoring	1.5	0	0.0	1.7	3.2

# Nature & Ecosystems

Strategy	Community Survey Support	GHG Reduction Potential	Cost	Co-Benefits
Expand the Urban Tree Canopy	👍 👍 👍	☁️	\$\$	☂️ 📍 ❤️
Protect Habitat and Green Space	👍 👍 👍	☁️	\$\$\$	☂️ 📍 ❤️
Become a Dark Sky Community	👍 👍 👍			📍 ❤️
Reduce Ambient Noise	👍 👍 👍		\$	📍 ❤️

Key	👍 👍 👍	Level of community survey support: Low (0) – High (3)	☂️	Resilience benefit
	☁️ ☁️ ☁️	Greenhouse gas reduction potential: Low (0) – High (3)	📍	Local benefit
	\$ \$ \$	Estimated cost: Low (0) – High (3)	❤️	Health & wellbeing benefit

# Energy & Buildings



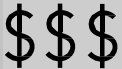






















Strategy	Community Survey Support	GHG Reduction Potential	Cost	Co-Benefits
Incentives for Energy Efficiency, Renewables, and Indoor Air Quality				
Achieve SolSmart Certification	👍 👍	☁️		☂️ 📍
Encourage Healthy, Sustainable Building Practices	👍 👍	☁️ ☁️	\$\$\$	☂️ ❤️
Energy Education Campaign	👍	☁️ ☁️	\$\$	☂️ 📍 ❤️
Municipal Facilities Energy Audit	👍 👍	☁️	\$\$	
Advocate for State Energy Codes	👍 👍	☁️ ☁️	\$\$\$\$	☂️
WattSmart Communities Implementation		☁️ ☁️ ☁️	\$\$	📍

# Land Use & Planning










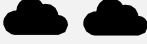





Strategy	Community Survey Support	GHG Reduction Potential	Cost	Co-Benefits
Urban Agriculture Programs	👍 👍 👍	☁️	\$	☂️ 📍 ❤️
Sustainable Development Best Practices & Performance Review	👍 👍 👍	☁️ ☁️	\$	☂️ 📍 ❤️
Reduce Industrial Air Pollution Impacts	👍 👍	☁️		📍 ❤️
Reduce Industrial Noise Impacts	👍 👍 👍			📍 ❤️

Key	👍 👍 👍	Level of community survey support: Low (0) – High (3)	☂️	Resilience benefit
	☁️ ☁️ ☁️	Greenhouse gas reduction potential: Low (0) – High (3)	📍	Local benefit
	\$ \$ \$	Estimated cost: Low (0) – High (3)	❤️	Health & wellbeing benefit

# Transportation

Strategy	Community Survey Support	GHG Reduction Potential	Cost	Co-Benefits
Develop a Multimodal Transportation Plan				
Off-Road Vehicle Electrification				
Green Streets Policy				
EV Readiness Plan Development				
Anti-Idling Policy Enforcement				
Sustainable Transportation Education				
Municipal Fleet Electrification				

# Materials Management

Strategy	Community Survey Support	GHG Reduction Potential	Cost	Co-Benefits
Organic Waste Diversion Pilot			\$\$	
Waste Education Campaign			\$	
Construction and Demolition Waste Reduction			\$\$	
Municipal Environmental Purchasing Policy			\$	
Materials Repair and Reuse Resources			\$	 
Evaluate Plastic Bag Ban			\$	
Waste Audits and Monitoring			\$\$	

# Water

Strategy	Community Survey Support	GHG Reduction Potential	Cost	Co-Benefits
Water Conservation Plan	👍 👍 👍	☁️	\$\$	☂️ 📍 ❤️
Accessible Data on Water Conditions	👍 👍 👍		\$\$	☂️ 📍 ❤️
Nature-Based Stormwater Solutions	👍 👍	☁️	\$\$	☂️ 📍 ❤️
Greywater Adoption	👍 👍 👍	☁️	\$\$	☂️
Municipal Water Audits	👍 👍 👍	☁️	\$	☂️

Key	👍 👍 👍	Level of community survey support: Low (0) – High (3)	☂️	Resilience benefit
	☁️ ☁️ ☁️	Greenhouse gas reduction potential: Low (0) – High (3)	📍	Local benefit
	\$ \$ \$	Estimated cost: Low (0) – High (3)	❤️	Health & wellbeing benefit



# Implementation Plan Strategies

1. Expand the Urban Tree Canopy
2. Urban Agriculture Programs
3. Protect Habitat and Green Space
4. Nature-Based Stormwater Solutions
5. Incentives for Energy Efficiency, Renewables, and Indoor Air Quality
6. Organic Waste Diversion Pilot

Strategy		
Description and Key Context		
Key Implementation Steps and Timeline		
Action Step	Roles	Timeline
1.		
2.		
3.		
4.		
5.		
6.		
Staffing and Resource Needs		
Cross-Cutting Considerations and Connections		
Economy ~ Wellbeing ~ Social Equity & Inclusion ~ Natural Environment ~ Local Benefit		



# Moab Sustainability Action Questions