Municipal Climate Action Plan (MCAP)

City Council
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THE CITY OF ASHEVILLE



Key Takeaways

- The purpose of the Municipal Climate Action Plan (MCAP) is to update the City's 2009 Sustainability Management Plan with updated and newly adopted resolutions around climate mitigation and adaptation
- The scope of the plan is municipal operations where there are significant opportunities to impact climate adaptation and mitigation.
- It establishes a roadmap for continued sustainability and climate action progress
- The MCAP suggests an implementation sequence to make the most out of limited resources and multiple priorities
- It has been reviewed by the Environment and Safety Committee.

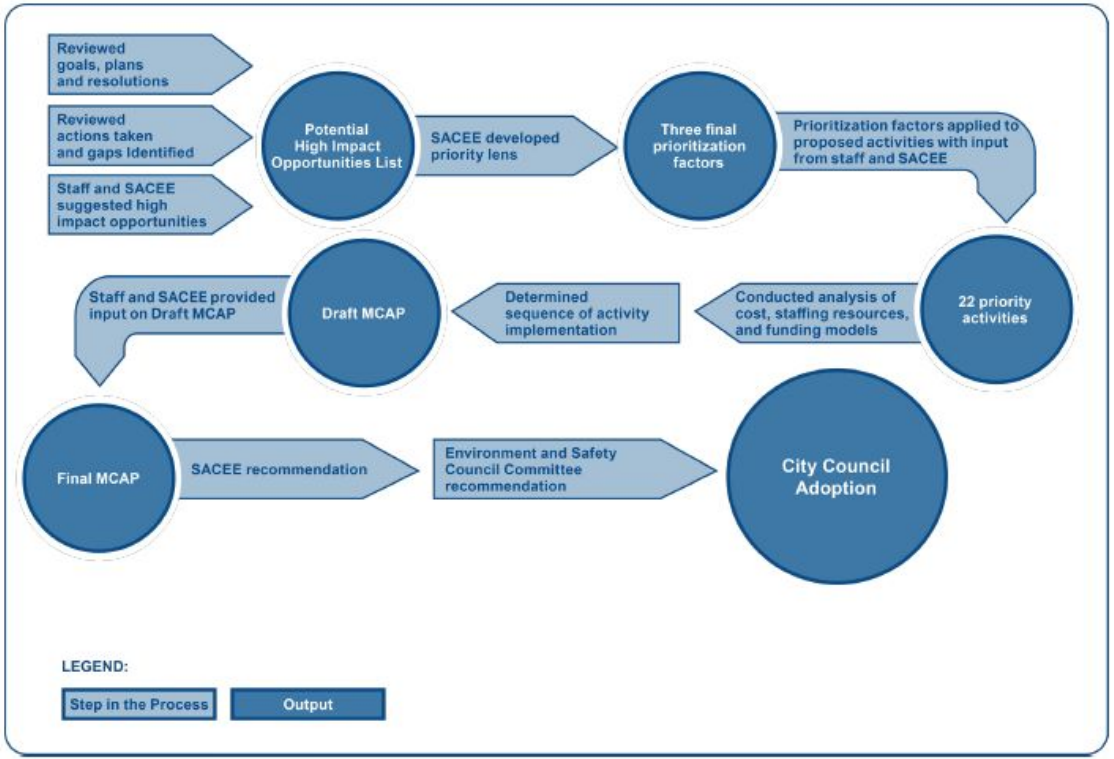
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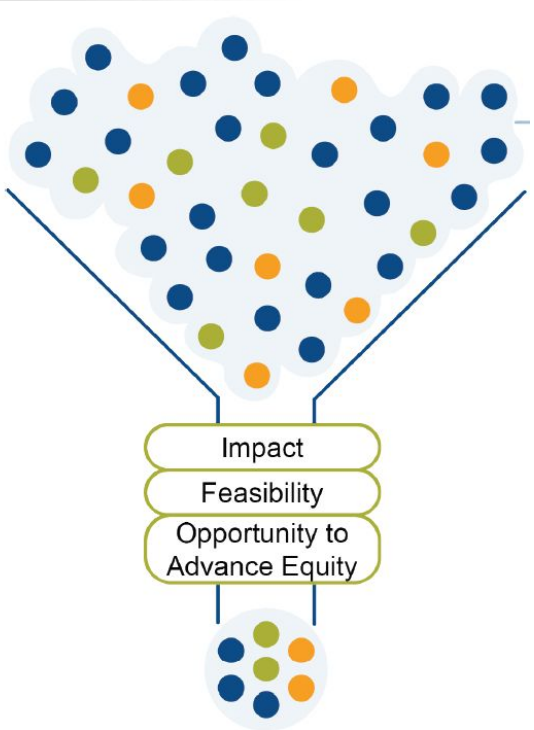
Municipal Climate Action Plan Purpose

- Update the 2009 Sustainability Management Plan (SMP)
- Prioritize Asheville's internal climate and sustainability activities
- Establish a roadmap for continued sustainability and climate action progress



Development Process





Scope of the Plan: Municipal Operations



Goal 1: City-Owned Assets are Resilient, Sustainable, and Efficient



Goal 2: Sustainability and Climate Priorities are Embedded In City Operations, Participation, and Decision Making



Goal 3: The City Supports Sustainability and Resilience for Area Residents and Businesses

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Final Result

- 22 Recommended Activities
- Recommended Implementation Sequence to Maximize:
  - Overall Impact
  - Time required for implementation
  - Manage Staff Capacity
  - Leverage Current Opportunities
- Built as a Tool to Assist in Evaluating New Opportunities and Priorities



Summary of Recommended Activities



Goal 1: City-Owned Assets are Resilient, Sustainable, and Efficient



Goal 2: Sustainability and Climate Priorities are Embedded In City Operations, Participation, and Decision Making



Goal 3: The City Supports Sustainability and Resilience for Area Residents and Businesses

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Goal 1: City-Owned Assets are Resilient, Sustainable, and Efficient

1. **Continue Installation of Renewable Energy Resources on Municipal Property**
2. Utilize Alternatives to On-Site Solar to Meet Targets
3. Expand Energy Efficiency Standards for All New Construction to Retrofits and Upgrades
4. Establish Building Energy Efficiency Operations and Maintenance Requirements
5. Incorporate Equity and Sustainability into Processes to Address Aging Infrastructure*
6. Update City-Owned Building Standards for Resilience Considerations
7. Establish a Policy for the Purchase, Sale, or Adaptive Reuse of Highly Vulnerable or Underutilized Assets
8. Investigate and Install Building Automation for All City Facilities
9. Integrate Climate Justice, Equity, and Resilience Best Practices into All Hazards Planning Committee and Emergency Response Plans and Operations*
10. Enhance Stormwater Control Measures for City-Owned Property*
11. Assess and Enhance Efficiency and Resilience of Municipal Water Distribution System
12. Utilize Green Fleet Policy for Fleet Electrification*
13. Conduct Low-Carbon Transit Assessment

* Short Term: Initiate in Years 1 or 2
Bold: Existing Ongoing Activities

Goal 2: Sustainability and Climate Priorities are Embedded in City Operations, Participation, and Decision Making

14. **Use Climate Justice and Sustainability Tools for Planning and Decision Making**
15. **Monitor and Engage in State-Level and Utility Policies on Climate and Sustainability**
16. Establish Sustainable Oriented Procurement Procedures
17. Conduct Solid Waste Master Planning Process*

* Short Term: Initiate in Years 1 or 2
Bold: Existing Ongoing Activities

Goal 3: The City Supports Sustainability and Resilience For Area Residents and Businesses

18. Utilize Urban Forestry Practices on City Land in Priority Neighborhoods to Reduce Heat Island Impacts and Sequester Carbon*
19. Explore City Supported Community Resilience Hub Sites
20. **Conduct Programs for Food Production, Community Gardening, and Edible Plantings on Public Lands**
21. Make Climate and Sustainability-related Data and Progress Toward Goals Publicly Accessible*
22. Create a Sustainability and Climate Ambassador program to Regularly Engage Frontline Communities

* Short Term: Initiate in Years 1 or 2
Bold: Existing Ongoing Activities

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Questions

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