



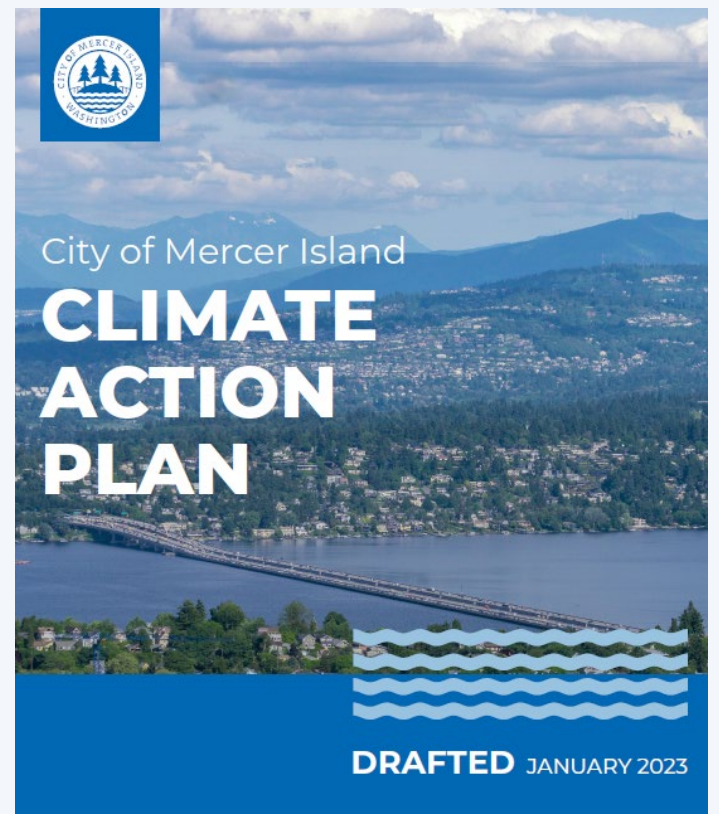
AB 6216

**MI Climate Action Plan:
Draft MICAP Handoff**

January 17, 2023

Agenda

- **Previous Work**
- **CAP Contents/Structure**
- **Public Comment**
- **Next Steps and Schedule**
- **Discussion**





Recent CAP History

Where Are We in the CAP Process?

Sept/Oct:

- Conduct and analyze community-wide random sample survey

Nov:

- Present survey results (Nov 15 Mtg)
- Refine GHG actions w/staff and consultant team
- Perform Multi-Criteria Analysis (MCA)

Dec:

- Develop Implementation Plan
- Begin CAP drafting

Jan:

- Publish Draft CAP for 4-week review











CAP Contents and Structure

Four main sections

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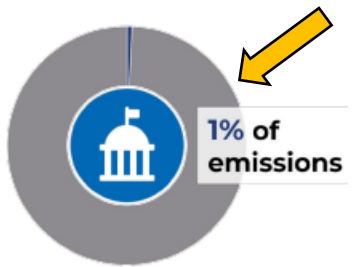
Six Focus Areas

	Focus area	Future vision
	Cross-Cutting & Municipal	Community members and City government are informed and active in local climate action—working together to meet emission reduction targets.
	Buildings & Energy	Residents live and work in energy efficient buildings powered by clean, renewable energy.
	Transportation	Low-to-no carbon transportation options are safe, clean, accessible, affordable, and widely used.
	Consumption & Disposal	The community practices circular economy principles, reducing the amount of resources used, reusing and repurposing materials, and recycling and composting what's left.
	Natural Systems	The community protects, conserves, and restores our natural systems, landscapes, and habitats.
	Community Resilience	People and ecosystems are healthy, thriving, and can respond and adapt to climate change.

Summary
from Page 2



Focus Areas, Goals & Strategies



CROSS-CUTTING & MUNICIPAL

City operations account for **1% of total emissions**, with most emissions coming from employee commutes and the municipal vehicle fleet. The City is committed to reducing these emissions and leading by example.



Focus Area Goal: Reduce overall community and municipal GHG emissions, integrate climate considerations into City reporting and decision-making, and encourage community members to participate in local climate action.

Strategy	KPI/Metric	2030 Target	2050 Target
Engage and support community climate action.	Reduction in community GHG emissions (MTCO ₂ e)	50% below 2007 baseline levels	95% below 2007 baseline levels and net zero emissions.
Reduce climate impacts of municipal operations.			
Institutionalize climate considerations into City planning & decision-making.	Reduction in municipal GHG emissions (MTCO ₂ e)	100% (Carbon neutral)	100% (Carbon neutral)

- Starts on page 21.
- Primary area of focus for review and feedback.
- Screenshot at left is example.



Actions

Strategy #1: Engage and support community climate action.

Action ID	Short name	Action description	Icons
CC1.1	Low carbon schools	Support local schools in integrating climate and sustainability education into curriculum and adopting low carbon solutions in their building operations. This may include working with the schools on energy efficiency and electrification, waste reduction and recycling, and sustainable purchasing.	
CC1.2	Climate advocacy and partnerships	Advocate for legislation that supports local climate mitigation and adaptation efforts. Continue to partner with neighboring cities and other regional groups to advance regional initiatives to reduce greenhouse gas emissions and increase adaptive capacity.	
CC1.3	Climate outreach/ education	<p>Develop a climate outreach and education campaign or program to support ongoing community engagement in climate actions. Initiatives may include:</p> <ul style="list-style-type: none"> • Climate challenges, competitions, and climate pledges aimed at inspiring friendly competition among residents and businesses. • Educational campaigns focused on addressing common misinformation related to home energy use and other everyday activities (e.g., the benefits of using cold v. hot water for laundry). • Resource sharing campaigns, such as "renewable energy" or "energy efficiency" home tours in which neighbors learn from each other on how to implement renewable energy or energy efficient upgrades in their homes. 	

- Starts on page 21.
- Primary area of focus for review and feedback.
- Multiple actions associated with each focus area and strategy.
- Screenshot at left is example.



Implementation

MATRIX

Action ID	Action Short Name	Action Description	Timeline	Cost Range	Lead Department	Outside Partners	Implementation Considerations
CC1.1	Low carbon schools	Support local schools in integrating climate and sustainability education into curriculum and adopting low carbon solutions in their building operations. This may include working with the schools on energy efficiency and electrification, waste reduction and recycling, and sustainable purchasing.	O	\$\$	SP, CM, CPD	King County, MISD, KCLS, CC, EnviroStars	<ul style="list-style-type: none"> City currently coordinates with MISD on a number of long-term planning needs; action will build upon this work.
CC1.2	Climate advocacy and partnerships	Advocate for legislation that supports local climate mitigation and adaptation efforts. Continue to partner with neighboring cities and other regional groups to advance regional initiatives to reduce greenhouse gas emissions and increase adaptive capacity.	O	\$\$	SP, CM	K4C, CC, EKCCC	<ul style="list-style-type: none"> Annual legislative agenda process is well established.





- Starts on page 38.
- This is where we begin to contemplate the timeline for the various actions.



Multi-Criteria Analysis

CRITERIA

The CAP project team used the following criteria and weights to evaluate the 55 actions. Each criterion was evaluated on a 1 to 5 scale.

Criterion	Weight	Definition	Scoring
 Cost	20%	Estimated overall cost to the City to implement action	1 = Lower cost ²⁹ 5 = Higher cost
 Impact	40%	Estimated GHG emission reduction or climate resilience potential	1 = Lower impact 5 = Higher impact
 Implementation	20%	Estimated feasibility/practicality of implementation based on regulatory and technological constraints, amount of time required to implement, and efficiency in integrating into existing City planning efforts	1 = Very difficult to implement (technology limitations, long time horizon to implement, etc.) 5 = Very easy to implement (few barriers/challenges to implementation)
 Community Support	20%	Community support for action (based on the % of respondents who indicated somewhat or strong support for the action in the random sample community survey and additional feedback provided to the City through other comment channels)	<u>Baseline scoring:</u> ²⁰ 1 = <50% support on survey 2 = 50%-65% support on survey 3 = 65%-80% support on survey 4 = 80-95% support on survey 5 = 95%+ support on survey

- Starts on page B-1.
- Assigns a score to each of the actions based on the weights to the left.



Summary of MCA and Implementation

MATRIX

Action ID	Action Short Name	Timeline	MCA Score
CC1.1	Low carbon schools	O	2.95
CC1.2	Climate advocacy and partnerships	O	2.95
CC1.3	Climate outreach/ education	O	3.15
CC2.2	Alternative commuting incentives	O	2.6
CC2.4	Municipal fleet electrification	O	2.5
CC3.1	GHG tracking & reporting	O	2.8
BE1.1	Heat pump rebates & education	O	4.25
BE1.3	Contractor incentive & training program	O	3.7
TR1.5	EV education & outreach	O	3.65

- Starts on page C-1.
- Summarizes implementation and the MCA score.





Public Comment

Several Ways to Comment

Centralized Access:

- Draft CAP & all supporting documents hosted on Let's Talk (150 new visits)
letstalk.mercergov.org

Primary comment method:

- Link to interactive platform allowing notes/questions to be posted directly onto the online CAP document (120 visitors so far)

Other options:

- Download the full CAP and read at leisure
- Send emails and/or comment letters to sustainability@mercerisland.gov

Analysis:



- Comments to be gathered and analyzed for common themes
- Results will be presented at next March 7 Council Meeting



Online Comment Platform



Utility, Transportation, and Sustainability Proj

Climate Action Plan

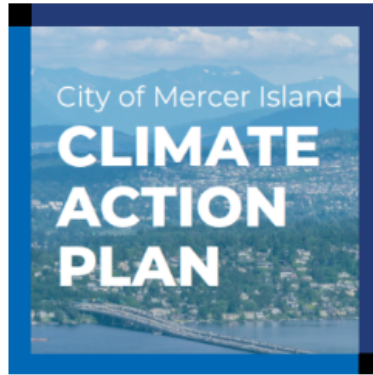
The City's Climate Action Plan will be needed to reduce community GHG emissions.

[View Project](#)

Climate Action Plan



The City of Mercer Island is writing its first ever **Climate Action Plan (CAP)** to guide the government, business, and resident actions needed to reduce the community's greenhouse gas (GHG) emissions and protect our environment.

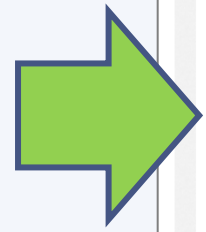


Widespread citizen participation will be critical to ensure that planning is a success and that the City hears what's most important to the community. This page will be used for the public engagement components of the process, such as gathering feedback via public comment, online surveys, Q&A, and it also provides easy access to supporting documents and presentations.

Other outreach tools such as workshops, pop-up events, and public meetings will also be used throughout the 6-month CAP process. The CAP is expected to be adopted by the City Council in the first Quarter of 2023. [Read our 2-page explainer summarizing the CAP process.](#)

The Draft CAP is now open for comment from Jan 11 thru Feb 7, 2023 -- see below!

To learn more about climate change in general and view other GHG information, visit the main CAP website at www.mercerisland.gov/CAP



Home My Comments Register Log In

City of Mercer Island Climate Action Plan

Mercer Island Draft Climate Action Plan

We invite you to engage with us!

We're glad you're here! Please view the Draft Climate Action Plan (CAP) document below to learn how the City of Mercer Island plans to reduce greenhouse gas (GHG) emissions to meet its goals of a 50% reduction by 2030, 75% by 2040, and 95% no later than 2050. The City of Mercer Island has been leading the development of its CAP for the past 14 months ([click for 2-page flyer](#)), with input from all across the community, as well as City Council and a staff/consultant team. CAP development began in the winter of 2022 and is slated for adoption by the City Council in the spring of 2023. Currently in the final phase of the CAP development, we're looking for community feedback on this draft version of the plan to help revise and finalize it.

Click anywhere in the document to leave a comment or ask a question. **Select a yellow bubble** to view and respond to other comments. If you'd like to skip to certain focus areas, view the "summary" tab at the bottom of the screen, or view the Plan entirely by selecting "full document".

Learn more about [CAP background](#) or [GHG emissions](#).

If you have questions, or wish to comment by email, please contact the CAP team at sustainability@mercerisland.gov

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Click anywhere in the document to add a comment. Select a bubble to view comments.

Strategy	KPI/Metric	2030 Target	2050 Target
Increase urban tree canopy and green space.	Increase in tree canopy acreage (% of city coverage) ¹⁷	Maintain current canopy and increase canopy by 5% compared to 2018 ¹⁸ <i>Target still under review - to be finalized for final plan</i>	Maintain current canopy and increase canopy by 15% - <i>Target still under review - to be finalized for final plan</i>
Foster healthy & resilient natural systems.	Change in ecosystem function (forest age & diversity, invasives removal, stream daylighting)	Restored ecosystem function (acres?) <i>Target still under review - to be finalized for final plan</i>	Improved ecosystem function (acres?) <i>Target still under review - to be finalized for final plan</i>

Strategy #1: Increase urban tree canopy and green space.

Action ID	Short name	Action description	Icons
NS1.1	Tree planting incentive program	Develop programs to support and encourage residents and large property owners to plant the right tree in the right place and sustain existing trees with reduced cost or free trees. Offer tree-awareness campaigns and classes to educate the community and develop tree planting demonstration	



Commenting instructions

Click anywhere in the document to add a comment. Select a bubble to view comments



Toggle comments on/off

Strategy	KPI/Metric	2030 Target	2050 Target
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Strategy #1: Increase urban tree canopy and green space.

Action ID	Short name	Action description	Icons
NS1.1	Tree planting incentive program	Develop program to encourage residents and large property owners to plant trees in the right place and season. Offer tree-awareness camps with reduced cost or free trees. Offer tree-awareness camps and classes to educate the community and develop tree-planting demonstration	

Existing comment

1





Next Steps

Upcoming Schedule

- **Feb 7:** Public Hearing at Council Meeting
- **Feb 7:** Comment Period Closes midnight
- **Feb 8-24:** Process & analyze Comment Themes
- **Mar 7:** Discuss Draft CAP & comments, receive Council guidance
- **Mar 8-14:** Final Edits
- **Mar 21:** Potential Adoption of final CAP
- **Apr 4:** Alternate adoption date
- **April/May:**
 - Continue ongoing “early action” CAP initiatives
 - Discuss funding needs for other CAP action implementation



Looking Ahead with the CAP

The CAP provides multiple public benefits

- Strategically map out and explain GHG reduction activities
- Prepare for unavoidable climate impacts (resiliency)
- Help set public expectations
- Identify how/when/where public can get involved

The CAP provides multiple governmental benefits

- Assess funding and resources needed to achieve them
- Prepare the City/Staff to respond quickly to climate grants
- Prepare the City/Staff for lobbying and advocacy in Olympia
- Lay out a structure for tracking and accountability





Discussion