

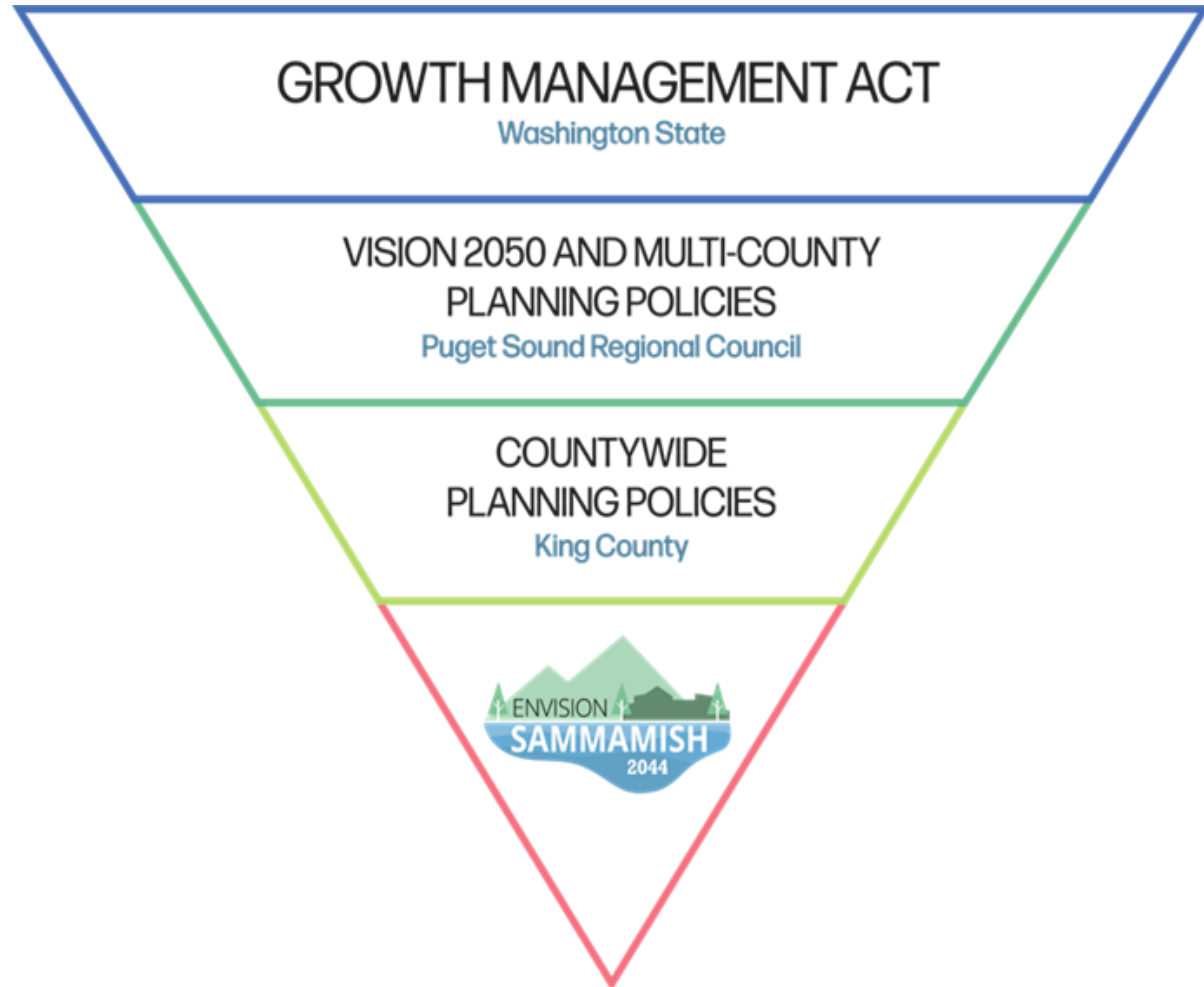
The background of the slide features a close-up photograph of a green, needle-like branch, possibly from a cedar or juniper tree, covered in numerous clear water droplets. The lighting is soft, creating a gentle bokeh effect in the background. A solid teal-colored vertical bar is positioned on the right side of the slide.

City of Sammamish Climate Action Plan

PUGET SOUND REGIONAL COUNCIL
April 4, 2024

New Climate Change Requirements

HB 1181: Improving the state’s climate response through updates to the state’s planning framework.

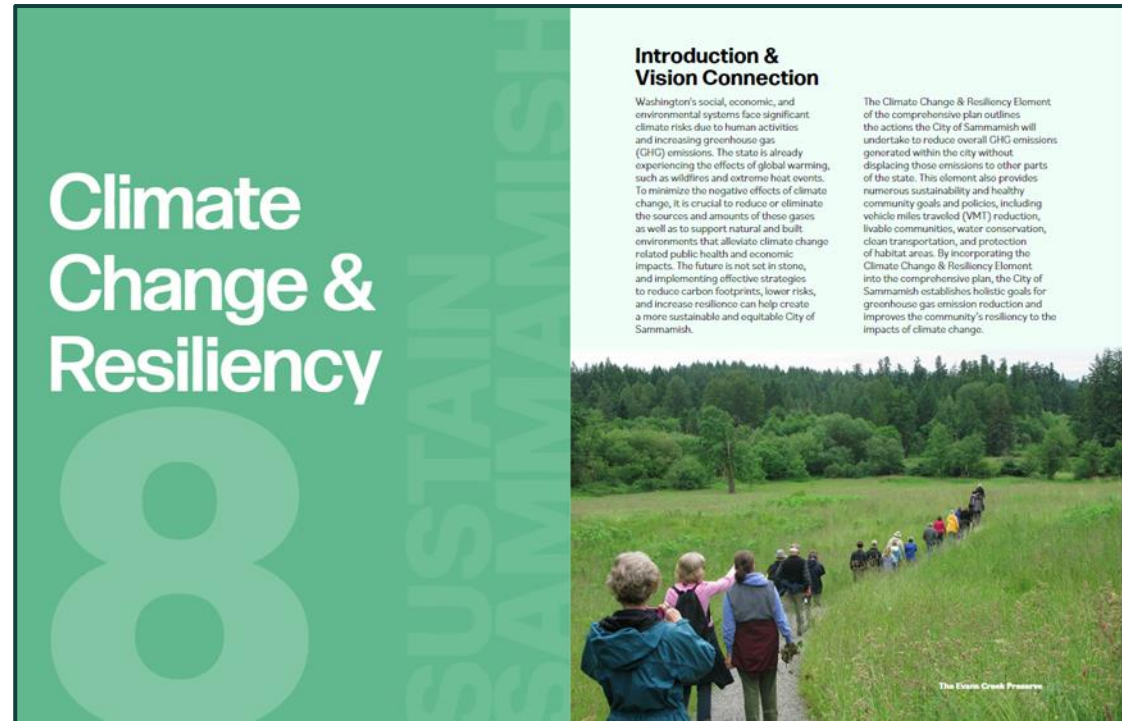


GHG Emissions Reduction and Resiliency Sub-elements			
Applicable counties and their cities	2025	2026	2029
○ Benton		X	
○ Clark	X		
○ Franklin		X	
○ King			X
○ Kitsap			X

Sammamish's Climate Element

2024 Comprehensive Plan Update

- Sets the City up to meet State Requirements by 2029
- Built from goals established in the City's recently updated Vision Statement and the Climate Action Plan (CAP)
- Sets high-level policy direction to implement the CAP

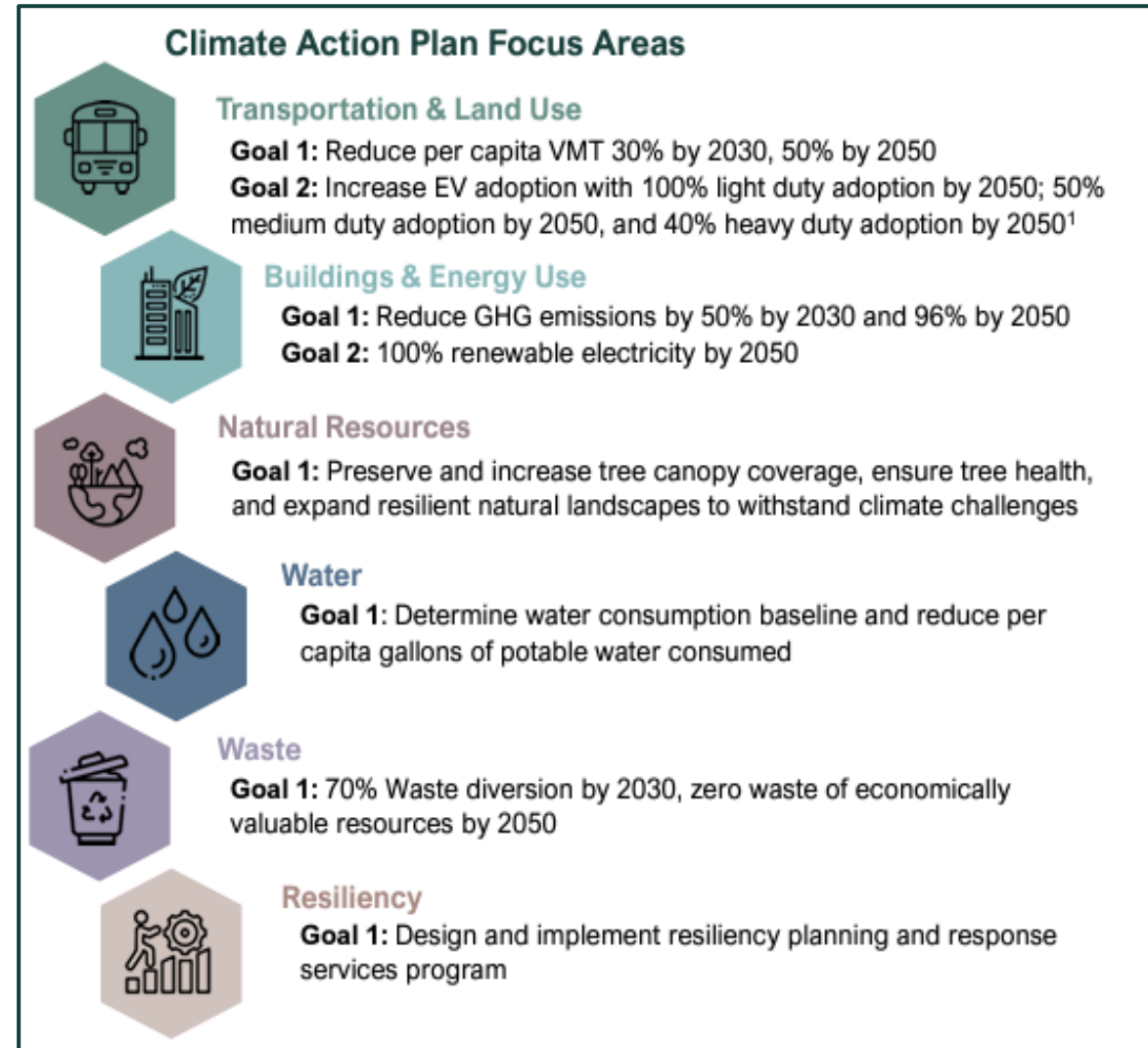


Sammamish's Climate Action Plan

A **Climate Action Plan (CAP)** is a strategic framework for measuring, planning, and reducing greenhouse gas emissions.

Climate action plans, at a minimum, include:

- Inventory of existing emissions
- Reduction goals or targets
- Analyzed and prioritized reduction actions



Element and CAP Relationship

Sets High-level, 20-Year Policy Direction

- Sets City up to meet GMA requirements
- Limited flexibility in updating
- Implemented through CAP

Sets More Targeted Goals and Actionable Policies

- Provides more specificity and flexibility in updating
 - 50% reduction in greenhouse gas emissions by 2030 and a 96% reduction by 2050, using data from 2019 as the baseline.
 - 30% reduction of per capita Vehicle Miles Traveled (VMT) by 2030 and 50% by 2050, relative to a 2016 baseline.



2024 Comprehensive Plan



2023 Climate Action Plan

Regional Alignment

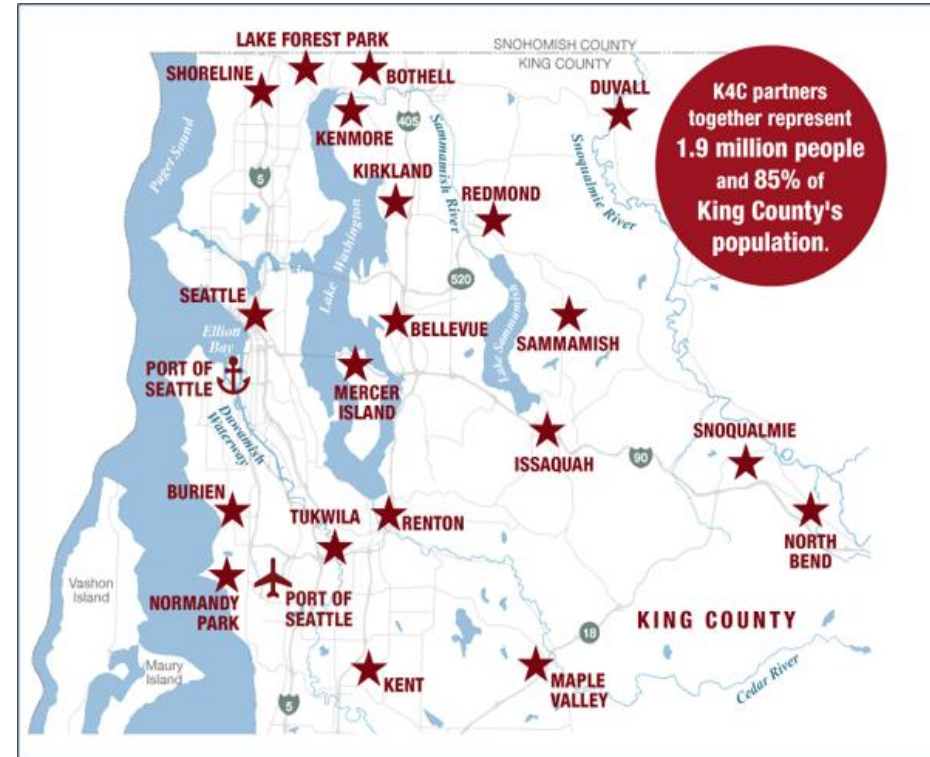
Review of neighboring Climate Action Plans

King County - Cities Climate Collaboration (K4C)

- Climate Action Toolkit
- GHG Emission Inventory (2015, 2017)

Puget Sound Regional Council

- Emissions and reduction analysis and visualization
- Passport to 2044: Climate



K4C: Reduce carbon emissions 50% by 2030 and 95% by 2050 compared to a 2007 baseline.



Baseline Inventory



Align to Target



Forecast Emissions & Reductions



Strategy Selection

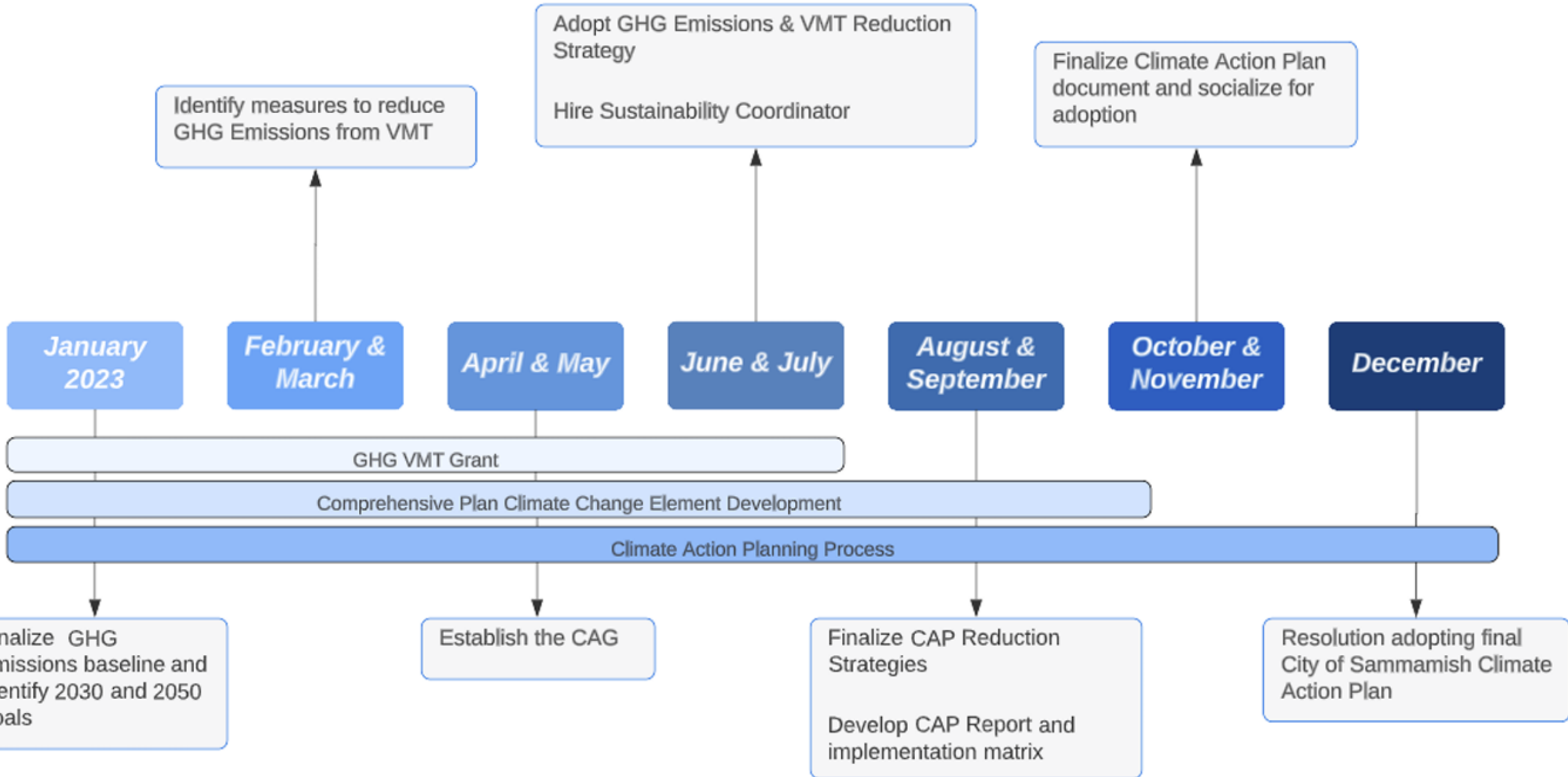


Implementation

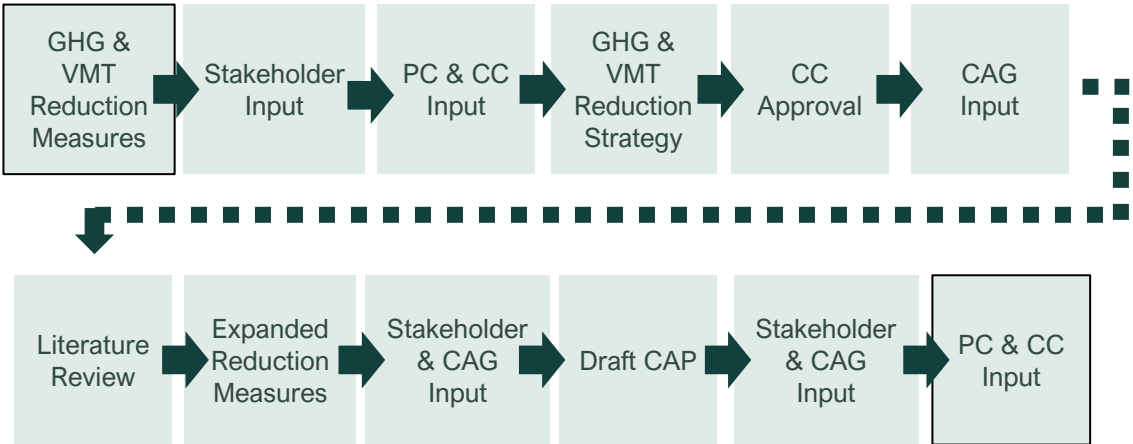


Monitor & Track Progress

CAP Timeline



Plan Development



Climate Action Plan Phases

The City of Sammamish CAP results from over a year of effort among multiple stakeholder groups dedicated to quantifying and identifying opportunities to minimize GHG emissions within the City.



ACRONYM KEY

GHG	Greenhouse Gas	PC	Planning Commission	CAG	Community Advisory Group
VMT	Vehicle Miles Traveled	CC	City Council	CAP	Climate Action Plan

Review Plan

City Council and Commissioner feedback was reviewed and sorted into three categories:

Category 1

Minor corrections/updates not changing policy direction/document flow.
Documented and integrated accordingly.

Category 2

Changes not impacting work plan/budget or requiring policy analysis.
Documented and brought for City Council consideration & direction.

Category 3

Changes impacting work plan/budget or requiring policy analysis.
Documented and considered for future work plan items.

CAP Overview

- 3 Acknowledgements**
- 4 Executive Summary**
- 5 Introduction**
- 6 Plan Development**
- 11 Goals, Strategies, and Actions**
- 36 Implementation**

City-Oriented Reduction Strategies

Addresses government operations, building, energy, waste, water, & transportation emissions within the City's control.

Community-Oriented Reduction Strategies

Addresses building, energy, waste, water, & transportation emissions based on behavioral changes and community actions.

APPENDICES

- | | | | |
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| 39 | A Abbreviations & Key Terms | 51 | E CAP Literature Review |
| 42 | B Stakeholder Engagement | 52 | F Regional Target Comparison |
| 43 | C GHG Emissions Baseline | 54 | G Implementation Funding Opportunities |
| 48 | D State, Regional & Local Planning Efforts | 61 | H Implementation Matrix |

CAP Implementation*

Focus Areas and Goals

Ongoing Implementation:

- Transportation and Land Use
- Buildings and Energy



Transportation & Land Use

- Goal 1:** Reduce per capita VMT 30% by 2035, 60% by 2050
- Goal 2:** Increase EV adoption in alignment with K4C Joint Commitment Letter



Buildings & Energy Use

- Goal 1:** Reduce GHG emissions 50% by 2030 and 96% by 2050
- Goal 2:** 100% renewable electricity by 2050

Spring - Summer

- Water
- Waste



Natural Resources

- Goal 1:** Make use of the numerous advantages that trees and natural ecosystems offer to the environment and communities



Water

- Goal 1:** Determine water consumption baseline and reduce per capita gallons of potable water consumed



Waste

- Goal 1:** 70% Waste diversion by 2030, zero waste of economically valuable resources by 2050



Resiliency

- Goal 1:** Design and implement resiliency planning and response services program

*Led by the Sustainability Coordinator and Sustainability Commission



Thank you! Questions?