

Memorandum

To: Snoqualmie Climate Planning Advisory Team (CPAT)
From: Chris Green, Consultant Project Manager, Otak
Cristina Haworth, Senior Planner, Otak
Copies: Mona Davis, City of Snoqualmie
Date: June 3, 2025
Subject: Materials for CPAT Meeting #7
Project No.: 32703.W

This memo provides information for your review prior to our seventh Climate Planning Advisory Team (CPAT) meeting, scheduled for June 5, 2025.

Resilience Sub-Element

For CPAT Meeting #5, we presented appropriate resilience-focused goals from the Department of Commerce's recommendations in the *Climate Policy Explorer*¹ (formerly the Menu of Measures). Using CPAT's feedback, our team revised the goals and selected policies for review, presented at our May 7, 2025 meeting. Additional revisions were made following the May 19, 2025, and June 2, 2025, meetings of the Planning Commission. See the attached Resilience Goals and Policies Matrix—REVISED June 3, 2025.

Discussion Topic: Significant changes have been made to streamline and consolidate goals and policies. Please review and discuss the revised content. Please consider if any of the goals and policies that were eliminated are critical to Snoqualmie's resilient future; if so, we recommend CPAT co-create a letter or statement to Planning Commission explaining the requested language and its importance.

Greenhouse Gas Emissions Sub-Element

Based on the K4C draft inventory, we selected and refined appropriate goals from the Department of Commerce's recommendations in the *Climate Policy Explorer*, which we presented at our May 7, 2025 meeting. Additional revisions were made following the May 19, 2025, and June 2, 2025, meetings of the Planning Commission. See the attached Greenhouse Gas Emissions Reduction Goals and Policies Matrix—REVISED June 3, 2025.

Discussion Topic: Minor changes have been made to streamline and consolidate goals and policies. Please review and discuss the revised content.

¹ <https://experience.arcgis.com/experience/dd012fae9fad4a309b0d89e3c13016e5/page/Basic/>

- Discuss and select preferred language in Goal 2: higher-intensity vs. higher-density.
- Please recommend preferred language for Policy 2.1.
- Planning Commission requested the consolidation of Policies 4.3 and 4.4. Please discuss narrowing the scope of Policy 4.4 to focus exclusively on publicly owned buildings, which would be necessary to maintain an actionable Policy 4.3.

Other Discussion Topics















We may include an Implementation Table that draws on some of the potential implementation actions in the “This Might Look Like…” column of the attached Goals and Policies Matrices.

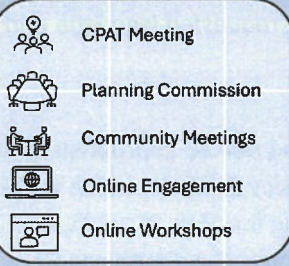
- Discuss the example actions and select any that may be appropriate for Snoqualmie as an implementation focus.
- Add any actions that you think Snoqualmie could work on. Discuss if these actions could or should happen in the near term (1-3 years), mid term (3-6 years), or long term (6-10 years+)






Schedule

We are finished with our regularly scheduled CPAT meetings! The City may request additional meetings to review the draft element.

Snoqualmie Climate Resilience Planning

	November	December	January	February	March	April	May	June
Climate Planning Advisory Team (CPAT)	November 15 	December 11 		February 7 	March 14 	April 11 	May 8 	
Planning Commission Workshops					March 17 	April 14 	May 5 	
Community Meetings				February 27 Community Meeting 			May 5 Community Open House 	
Online Engagement				February 4 Online Survey Available 	March 13 Online Survey Closes March 6 Online Workshop 		May 8 Online Workshop 	



-  CPAT Meeting
-  Planning Commission
-  Community Meetings
-  Online Engagement
-  Online Workshops

If you have any comments or questions about these materials, please feel free to reach out to me at christopher.green@otak.com or bring them with you to the meeting. We'll have time on the agenda for each.

Attachments:

1. DRAFT Resilience Goals and Policies Matrix—REVISED June 3, 2025
2. DRAFT Greenhouse Gas Emissions Reduction Goals and Policies Matrix—REVISED June 3, 2025

Snoqualmie Climate Element
DRAFT Resilience Goals and Policies

Policy ID	Policies	This Might Look Like...
GOAL 1	Enhance emergency preparedness, response, and recovery efforts to mitigate risks and impacts associated with wildfire, flooding, extreme weather, and other hazards worsened by climate change.	
1.1	Analyze how the municipal water system maintains adequate pressure during a major wildfire event and how it will look under current and projected drought conditions.	Hire a consultant to perform specialized modeling (e.g., for the water system).
1.2	Support the development of community wildfire protection plans.	Lead or participate in collaborative wildfire protection and/or smoke planning projects. This may overlap to some degree with the Jurisdictional Annex to the Regional Hazard Mitigation Plan.
1.3	Develop and implement notification alerts within the community to reduce the risk of exposure to wildfire smoke and particulate matter.	Provide an opt-in mass notification system, such as Alertus.
1.4	Partner with residents, emergency management officials, the Puget Sound Clean Air Agency, and other stakeholders to develop and implement a wildfire smoke resilience strategy.	Dedicate funding to plan/strategy implementation actions.
1.5	Develop and distribute educational materials that empower individuals to be prepared for potential disasters.	Tailor and adopt the Model Recovery Ordinance.
1.6	Adopt a pre-event disaster recovery ordinance to facilitate recovery through planned outcomes and governance.	
GOAL 2	Ensure that the local economy is resilient to climate disruptions and fosters business opportunities associated with climate mitigation and adaptation.	
2.1	Support local businesses in planning for climate preparedness and continuity of operations.	Provide resources, such as training programs and education, for local business owners interested in planning for climate preparedness.
2.2	Establish and maintain government-to-government relations with Native American tribes for the preservation of archaeological sites and traditional cultural properties that are vulnerable to climate impacts.	Meet regularly with Tribe representatives to understand priorities in preservation of archaeological sites and traditional cultural properties, especially as climate science understanding advances.
2.3	Protect significant historic sites prone to floods or other hazards worsened by climate change.	Hire a consultant and/or work with Tribes to identify culturally significant and historic sites at risk from climate impacts, and develop specific strategies to protect those sites.

Snoqualmie Climate Element
DRAFT Resilience Goals and Policies

Policy ID	Policies	This Might Look Like...
GOAL 3	Ensure that public and private development, redevelopment, infrastructure, and facilities projects are resilient to climate change.	
3.1	Establish or maintain development regulations that incorporate best practices for reducing the risk of wildfire, extreme heat, flooding, and other climate-exacerbated hazards.	Adopt and/or maintain regulations for the following: floodplain management, Firewise practices or WUI management, green buildings, solar- or other alternative energy-readiness requirements, drought-tolerant landscaping, etc. Improve transportation mode choice and connectivity to expand emergency response/evacuation options. Consider redundancy in the provision of infrastructure and services. Reduce density in the wildland-urban interface and increase density in more urban areas to accommodate growth allocations while reducing risk. Purchase properties at extreme or significant risk of wildfire or flooding related property damage. Invest in more nonmotorized networks, prioritizing missing connections. Coordinate with transit agencies to expand service, and facilitate the expansion as needed with infrastructure improvements. Plan for heat refuges that include urban forest and structures, such as covered play areas.
3.2	Reduce residential development pressure in the wildland-urban interface.	
3.3	Acquire properties or easements on properties that are vulnerable to climate-exacerbated hazards and are or will become unsuitable for development.	
3.4	Ensure that the local transportation system (infrastructure, routes, and travel modes) is able to withstand and recover quickly from the impacts of extreme weather events and other hazards exacerbated by climate change.	
3.5	Improve street connectivity and multimodal transportation options, including sidewalks and street crossings, to serve as potential evacuation routes.	
3.6	Develop and implement an urban heat resilience strategy that includes land use, urban design, urban greening, and waste heat reduction actions.	
3.7	Plan for stormwater management that relies on low-impact development techniques and elevates the functionality of ecosystem services.	
GOAL 4	Advance environmental justice and community wellbeing by prioritizing equitable climate policies, inclusive decision-making, and access to healthy, resilient environments for all residents.	
4.1	Create and implement culturally contextualized outreach and education initiatives and materials that will inform the community about near-term and longer-term climate change threats and build resilience.	Develop focused outreach materials for vulnerable and sensitive populations (such as children, older adults, Native Americans, people with medical conditions that can be exacerbated by smoke or particulate matter, people with disability, etc.), people with property at risk from climate change, and others, and proactively distribute them. Provide personal protective equipment and filter fans for at-risk individuals. Fund HVAC updates and/or MERV 13 filters for air intake for facilities such as healthcare clinics, senior housing, and childcare facilities.
4.2	Build and support partnerships with community-based organizations with the capacity and relationships to convene diverse coalitions of residents and to educate and empower them to implement climate resilience actions.	
4.3	Support wildfire smoke mitigation and incentivize infrastructure updates for facilities that serve high-risk populations.	
4.4	Ensure that all community members have equitable access to green space within a half-mile.	

Snoqualmie Climate Element
DRAFT Greenhouse Gas Emissions Reduction Goals and Policies

Policy ID	Policies	This Might Look Like...
GOAL 1	Improve the efficiency of Snoqualmie's transportation systems and services to reduce greenhouse gas emissions and vehicle miles traveled.	
1.1	Expand electric vehicle infrastructure in the public right-of-way and on public property.	Build EV charging stations on public property, and allow charging stations at service stations and other locations.
1.2	Prioritize and promote public transit expansion and use through coordination of land use and transportation planning.	Pilot projects that provide more frequent and convenient transit service. Support this effort by planning for denser development that will increase ridership.
1.3	Increase multimodal capacity in coordination with the location of higher-density housing and commercial centers.	Require new developments of a certain size to improve multimodal connectivity by providing sidewalks and bike lanes in frontage improvements, and coordinate with King County Metro to identify transit stops.
1.4	Create a safe, well-connected, and attractive bicycle and pedestrian transportation network to encourage active transportation.	Ensure Public Works' standard road details integrate "Complete Streets" that make provision for cars, buses, bikes, pedestrians, and other transportation modes.
1.5	Integrate "Complete Streets" principles into the roadway designs of residential developments.	Allow mixed-use development in a greater range of zoning districts.
1.6	Facilitate the siting of complimentary destinations such as commercial-employment centers, schools or education centers, and residential developments.	Adopt a multiodal Level of Service standard and require new developments to demonstrate concurrency.
1.7	Address active transportation and other multimodal types of transportation options in concurrency programs – both in assessment and mitigation.	
GOAL 2	Foster higher-intensity (OR higher density) land uses in mixed-use areas and emerging transit corridors.	
2.1	Increase density to create more walkable, mixed-use built form that encourages the use of transit, biking, walking, and other modes and decreases single-occupancy vehicle travel and parking.	Adopt code amendments that reduce parking minimums and lowers parking ratios within 1/2 mile (a 10 minute walk) of transit-oriented development and transit stops with frequent transit service.
	OR	Expedite or simplify permitting requirements for infill development that meets certain criteria.
	Explore the feasibility of transit-oriented development to encourage use of transit and decrease single-occupancy vehicle travel and parking.	Expand the use of form-based codes to allow a greater range of land uses and development types that meet specific performance standards.
2.2	Prioritize infill development through zoning and permitting process.	
2.3	Expand form-based codes where appropriate to better integrate higher-density development.	
2.4	Reduce parking minimum requirements and establish parking maximums, especially where there are multimodal options available.	

Snoqualmie Climate Element
DRAFT Greenhouse Gas Emissions Reduction Goals and Policies

Policy ID	Policies	This Might Look Like...
GOAL 3	Increase housing diversity and supply within urban growth areas to reduce greenhouse gas emissions and support environmental justice.	
3.1	Increase or remove density limits in areas well-served by transit and other services within the urban growth area.	Adopt code amendments to eliminate maximum density requirements, relying on dimensional standards to restrict the number of units or total nonresidential square footage to be built. Require a certain amount of affordable housing to be built, potentially adjustable based on the income level served by the housing (i.e., less affordable housing to be provided if it serves very low income people). Prepare for infill development by making necessary infrastructure upgrades, such as water, sewer, and stormwater services. Consider increasing density before expanding the urban growth area.
3.2	Allow middle housing types, such as duplexes, triplexes, and ADUs, on all residential lots.	
3.3	areas.	
3.4	Develop and implement inclusionary zoning to support greater income diversity in housing types.	
3.5	Plan for and invest in capital facilities to accommodate infill development.	
3.6	Maintain a stable urban growth area to reduce development pressure on rural and resource lands.	
GOAL 4	Encourage buildings to use renewable energy, conservation, and efficiency technologies and practices to reduce greenhouse gas emissions.	
4.1	Promote additional net-zero greenhouse gas emission features in all new residential and commercial structures and incentivize green building certification to improve energy and environmental performance.	Adopt code amendments that require higher energy performance or that include on-site electricity generation. Expedite permitting for buildings achieving a green building certification. Allow flexibility in development standards to retain and renovate existing structures, such as matching nonconforming setbacks. Expedite or simplify permitting for adaptive reuse projects. Require structural design capable of supporting a rooftop solar array and conduit runs in place for solar-ready rooftops.
4.2	Prioritize the preservation, retrofit, and adaptive reuse of buildings, recognizing the emission-reduction benefits of retaining existing buildings.	
4.3	Require all City-owned buildings to be powered completely by renewable energy by 2029.	
4.4	Maximize solar access where practicable, including planning for solar access when siting and designing buildings and considering a requirement for solar panels or solar-ready rooftops for new residential and commercial buildings.	
4.5	Support PSE's community outreach and education efforts related to renewable energy programs, such as opting in to renewable-only energy portfolios.	

Snoqualmie Climate Element
DRAFT Greenhouse Gas Emissions Reduction Goals and Policies

Policy ID	Policies	This Might Look Like...
GOAL 5	Enhance tree canopy cover and other ecosystem features to boost carbon sequestration, reduce heat islands, and improve air quality, prioritizing overburdened communities.	
5.1	Require open space set-asides (such as parks) for new development.	Plant more street trees and trees on public property.
5.2	Improve and expand urban forest management to maximize or conserve carbon storage.	Require a certain amount of tree canopy coverage in new private developments.
5.3	Maximize tree canopy coverage in surface parking lots.	Require a certain amount of open space in new private developments that can be used as urban forest as well as community recreation, achieving a resilience co-benefit.
5.4	Maintain and manage natural lands (forests, grasslands, wetlands) to maintain or increase their carbon concentrations and avoid conversion of carbon-rich ecosystems.	Minimize deforestation and encourage or require reforestation and restoration of wetlands and other vegetation or ecosystem types that store a lot of carbon.
5.5	Maintain small forestland ownership and publicly owned forest properties with carbon sequestration as the goal.	Zone outlying forested areas (or coordinate with King County) with extremely low density to discourage the conversion to urban or suburban development.
5.6	Focus the expansion of tree canopy coverage in riparian areas, especially along the Snoqualmie River.	
5.7	Encourage private property owners to maintain healthy trees and vegetation on their properties and consider how to mitigate tree removal associated with development or redevelopment of private property.	