

**JEFFERSON COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA REQUEST

TO: Board of County Commissioners
Mark McCauley, County Administrator

FROM: Apple Martine, Public Health

DATE: July 15, 2024

SUBJECT: WORKSHOP re: Jefferson County's recent Internal Climate Summit and resulting report produced by Cascadia Consulting Group.

STATEMENT OF ISSUE:

At the request of County Commissioners, Public Health and Dept of Community Development will provide a presentation on the findings of the recent Jefferson County Internal Climate Summit held on May 2-3, 2024 at the WSU Extension Classroom.

ANALYSIS:

The Board of County Commissioners will benefit from the opportunity to learn about the results of the cross departmental Climate Summit. These findings include an assessment of current climate related work, and opportunities for additional key action to address climate change in Jefferson County.

FISCAL IMPACT:

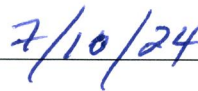
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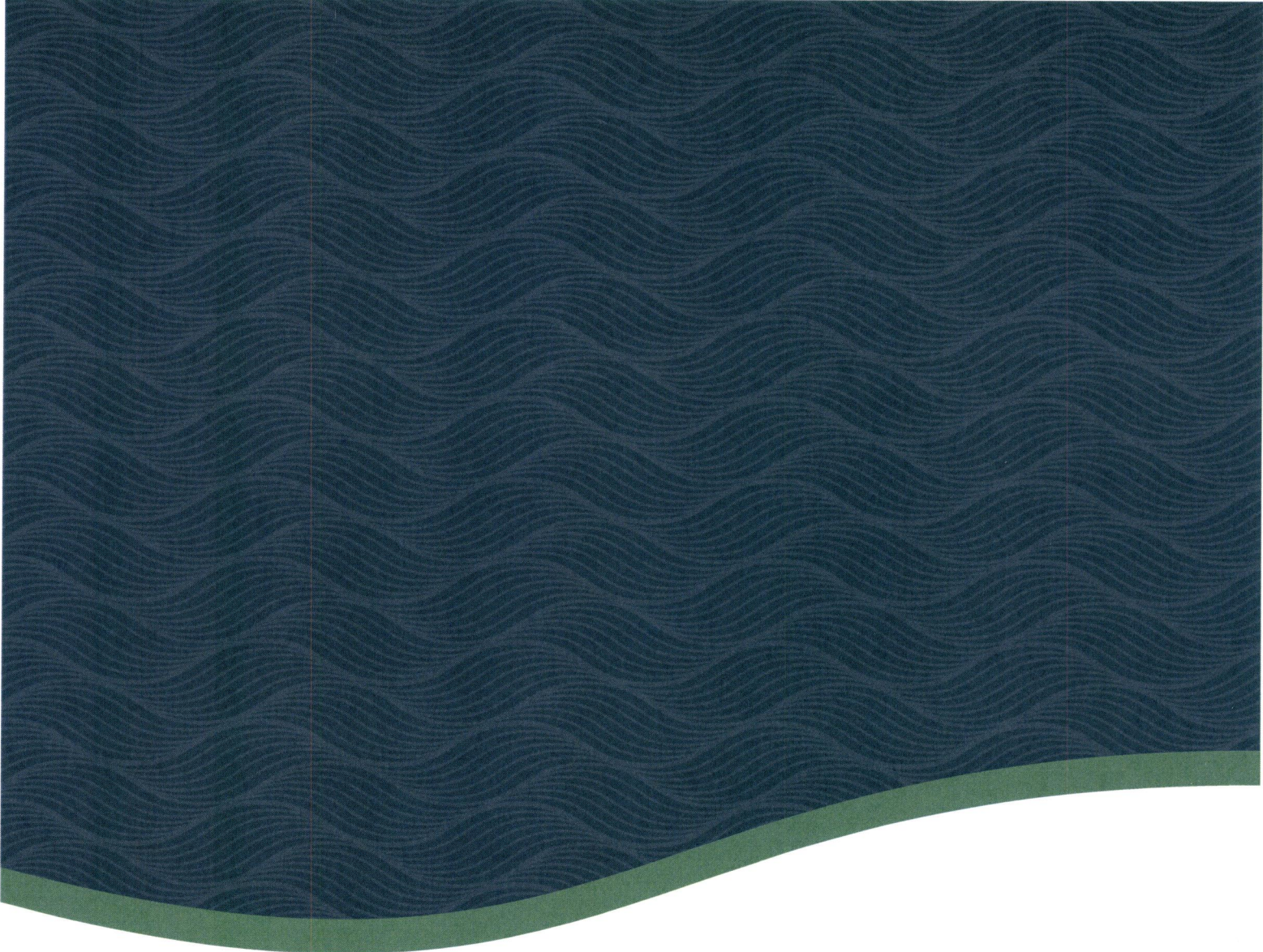
RECOMMENDATION:

Public Health and Dept of Community Development appreciates the opportunity to share the Jefferson County Climate Summit Report at the Board of County Commissioners meeting on July 15, 2024.

REVIEWED BY:


Mark McCauley, County Administrator


Date



Jefferson County Climate Summit

MAY 2 & 3, 2024

PREPARED BY CASCADIA CONSULTING GROUP



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Overview

In early spring 2024, Jefferson County staff and leadership identified a need to coordinate across Jefferson County departments on climate change-related work, as well as begin to inventory the completed and planned climate change-related work. Jefferson County Public Health contracted with Cascadia Consulting Group (the facilitation team) to host an internal and cross-departmental County Climate Summit. The Climate Summit occurred on May 2 and 3, 2024 at the Jefferson County WSU Extension building.

The Climate Summit brought together multiple Jefferson County departments (including the Auditor's Office, Board of County Commissioners, Community Development, Public Health, Public Works, and WSU Extension), to accomplish three goals and support Jefferson County efforts to:

1. Better understand all the climate-related projects and initiatives Jefferson County is engaged in already, both voluntary and mandated,
2. Identify synergies and opportunities for cross-departmental collaboration on climate change efforts and climate related work, and
3. Start to build a foundation for the addition of a Climate Resiliency Element to the Comprehensive Plan.

This summary report describes the Climate Summit activities, key findings, and next steps.

Figure 1. A photo of Jefferson County staff participating in the Climate Summit.



Climate Summit Details

The Climate Summit occurred from 9am – 12pm on May 2 and May 3, and included activities to engage across multiple Jefferson County departments on climate-related projects and initiatives. To prepare participants for the Climate Summit, the facilitation team and the Jefferson County project team sent the Climate Summit agendas, a discussion guide, and a participant pre-survey to all participants to complete (Appendix 1. Climate Summit Materials).

Day 1

To begin Day 1 of the Climate Summit, the Community Development Director Josh Peters and Public Health Director Apple Martine welcomed participants and shared opening remarks.

Following the introductions and agenda review, the facilitation team provided an overview of the Climate Summit goals and approach and described the Day 1 agenda (Appendix 1) and then welcomed Public Health staff Lara Gaasland-Tatro to provide some background and context setting on climate impacts in Jefferson County. Laura Tucker provided background on the joint Jefferson County-City of Port Townsend internal Climate Action Committee (CAC) and several of Jefferson County's mitigation and carbon sequestration goals.

Participants reflected on and shared the Strengths, Weaknesses, Opportunities & Threats (SWOT) of the current state of cross-departmental climate change coordination. The purpose of the SWOT analysis was to identify the existing context within Jefferson County and gather perspectives on opportunities for improving coordination. The SWOT activity sought to answer the question: How does coordination currently occur within Jefferson County? Participants brainstormed and reflected quietly on sticky notes, then added their ideas to the four, before beginning a full-group discussion.

Participants then started the next activity to map Jefferson County's climate change activity landscape and understand what Jefferson County is already doing on climate related work. The group divided into three breakout groups by type of climate change activity: planning, adaptation, and mitigation (See Appendix 1). Participants discussed and brainstormed activities with the following discussion questions as guide:

- How is your department responding to the changing climate (through planning and adaptation) in the short term and long term?
- How is your department mitigating climate change in the short term and long term?
- Please share the climate-related project/plans/policies you are currently working on, within the category of planning, mitigation, or adaptation. For each project, plan, or policy:

The Community Agreements that supported the Climate Summit:

- Be present and stay engaged.
- Be patient.
- Be respectful.
- Speak your truth.
- Expect and accept non-closure.



- What is required/mandated? What underlies the requirement/mandate?
- What is voluntary? What is the motivation for pursuing the activity?
- What is the scale of the plan, project, or program? Is it short-term or long-term? Geographic scale?
- What is funded? What is the funding source? Is funding for this work stable?

Day 2

Day 2 of the Climate Summit began with a recap of results from Day 1 and continuing the activity to map Jefferson County's climate change landscape by having a full-group discussion to review and build on the ideas generated during the Day 1 breakout groups. The facilitation team provided the following discussion questions:

From the "Day 1" list:

- What stood out to you? Any reflections?
- Where are there gaps? What are we missing of things that Jefferson County is already?

Looking to the future:

- What would you like to see happen?
- Anything Jefferson County is not currently doing that you want to recommend for climate action or climate-related work?

Participants discussed these questions as a full group to expand and capture additional ideas within the planning, adaptation, and mitigation categories of climate-related work.

Participants also discussed opportunities for cross-departmental coordination beyond the Climate Summit. Participants partnered with another person from a different Jefferson County department to brainstorm ideas and generate a list of 2–3 strategies or actions for continuing to establish collaboration across Jefferson County departments. After one-on-one discussion time with their partner, the participants then formed groups of four to share and build on their ideas. Each group reported out to the full group with their coordination ideas. The facilitation team then led the group into closing remarks for the end of the Climate Summit. Jefferson County Commissioner Heidi Eisenhour provided closing remarks.

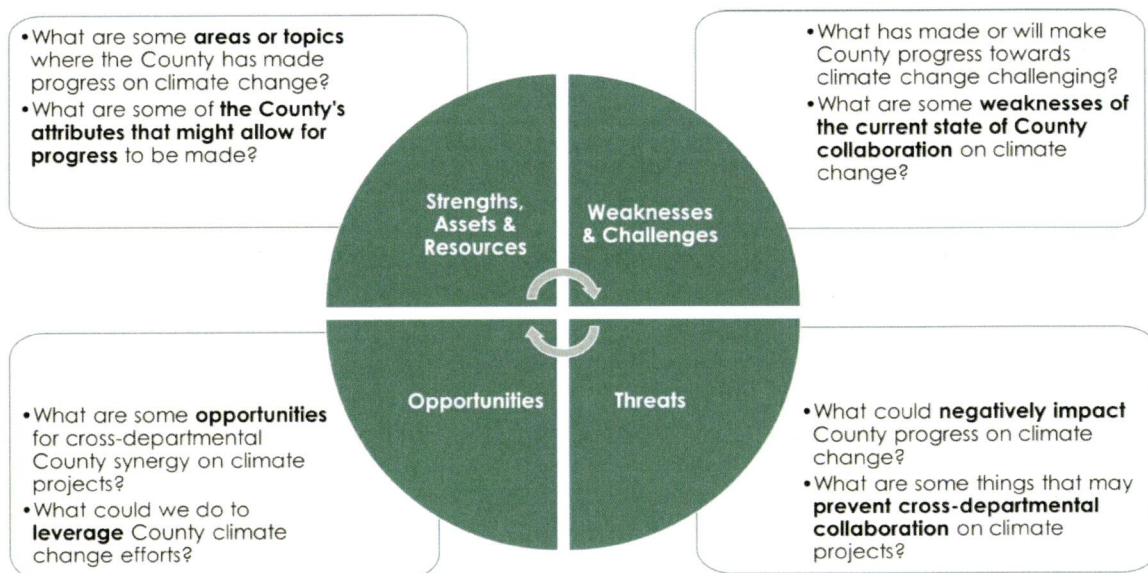
Findings

The Climate Summit activities and discussion resulted in a number of key findings. The facilitation team reviewed the meeting notes, flipchart notes, and sticky notes created during the Summit and synthesized the findings within this section. The findings also include the results from the Poll EV activities and prompting questions asked throughout the Summit.

SWOT Analysis

On Day 1 of the Climate Summit, participants assessed the current state of Jefferson County collaboration on climate change through a SWOT Analysis. The guiding questions for each category are noted in Figure 2.

Figure 2. The guiding questions for each of the SWOT categories.



Following the Summit, the facilitation team reviewed the results of the SWOT and coded responses for themes. The summary text below is ordered by frequency of most-referenced to least-referenced. The full lists of SWOT Analysis responses are available in Appendix 3.

Key Themes – Strengths, Assets & Resources

For the strengths, assets and resources, the Summit participants responded to the key questions: What are some areas or topics where Jefferson County has made progress on climate change? What are some of Jefferson County's attributes that might allow for progress to be made? Key

themes for the strengths for Jefferson County's current state of collaboration are summarized below:

1. **Strong Commitment of Climate Planners and High Awareness (10):** Jefferson County staff are engaged in various climate change-related projects, reflecting a strong awareness and involvement in addressing climate change. There's a general acceptance of the reality of climate change and the need for action within Jefferson County and community. Jefferson County comprises many committed individuals with skills in climate planning.
2. **Partnerships, Collaboration, and Community Engagement (10):** Collaboration is a key strength, with partnerships (informal or formal) formed across departments to tackle climate-related challenges. High levels of community engagement are evident, as well as active participation in the Climate Action Committee (CAC) activities.
3. **County Leadership, Resilience Building, and Resource Management (7):** The community is taking proactive steps in managing resources, such as transitioning Jefferson County fleet to electric vehicles (EVs) and updating sewage management plans to address sea level rise (SLR). Jefferson County is actively engaged in resilience-building efforts, such as establishing cooling shelters and organizing emergency response plans for climate-related threats.
4. **Environmental Stewardship and Jefferson County Natural Environment (5):** Initiatives like acquiring flood-prone properties and promoting small farms coordination reflect a commitment to environmental stewardship and adaptation strategies. Jefferson County's natural ecosystems, especially the prevalence of forested land for carbon sequestration, are an asset in climate adaptation and mitigation.
5. **Funding (4):** Financial support from the state and federal government is currently available for certain climate-related initiatives, enabling the implementation of projects and programs.
6. **Equity and Justice (2):** There's a growing awareness of justice and equity concerns related to climate change, indicating a commitment to addressing these issues within Jefferson County.
7. **Tribal Engagement (1):** Jefferson County acknowledges the importance of Tribal treaty rights and involvement in climate action efforts, recognizing the significance of indigenous knowledge and sovereignty.

Key Themes - Weaknesses & Challenges

For the weaknesses and challenges, the Summit participants responded to the key questions: What has made or will make Jefferson County progress towards climate change challenging? What are some weaknesses of the current state of Jefferson County collaboration on climate change? Key themes for the weaknesses of Jefferson County collaboration are summarized below:

1. **Capacity and Coordination (10):** Time constraints and a lack of coordination and strategy hinder collaboration efforts. Limited capacity and a lack of clarity to date in leadership or planning in the climate space constrain Jefferson County's ability to effectively prepare for climate challenges.
2. **Economic Development, Global Factors, and Attitudes (10):** Participants noted a disconnect between economic development priorities and climate considerations, as well as the impact of global factors on a small county, and resistant attitudes that present obstacles to climate action.
3. **Transportation Challenges and Unique Jefferson County Geography (8):** Transportation emissions, tourism transport challenges, and the need to address transportation infrastructure and supply chain distances contribute to Jefferson County's climate concerns. There's a need to localize supply chains and industry to reduce transportation-related emissions and increase resilience.
4. **Need for Leadership Communication and Direction (6):** There's a need for clear leadership and direction in guiding Jefferson County collaboration and progress toward climate goals and policies. The proliferation of climate-related information and initiatives makes it challenging to stay updated and effectively manage Jefferson County climate work.
5. **Funding Constraints (4):** Limited funding presents a significant challenge for implementing climate response initiatives, leading to stress and difficulty in collaboration.
6. **Urgency and Cohesion (3):** There's a need for greater cohesion and urgency regarding the severity and immediacy of climate change impacts.
7. **Climate Impacts on Community and Infrastructure (3):** As a coastal community, residences, communities, and existing development, including septic systems, water wells, and businesses in low-lying areas are vulnerable to climate impacts such as sea level rise and flooding.

Key Themes – Opportunities

For the opportunities for Jefferson County collaboration, the Summit participants responded to the key questions: What are some opportunities for cross-departmental Jefferson County synergy on climate projects? What could we do to leverage Jefferson County climate change efforts? Key themes for the opportunities are summarized below:

1. **Partnership and Resource Leveraging (7):** Collaborating with existing groups, neighboring jurisdictions, state and federal agencies, and external organizations to leverage resources, expertise, and support for climate initiatives. Build on previous collaborations and partnerships with entities to further climate action goals.
2. **Community Engagement and Tailored Messaging (7):** Leverage various topics like food security, health impacts and hazards, fire preparedness, and other community concerns to engage the public in climate conversations and actions. Tailor key messages to highlight

the climate connections and increase relevance and understanding amongst community members.

3. **Planning, Adaptation, and Mitigation with a Health-Centric Approach (5):** Consider planning for "just in case" scenarios and prioritizing resilience-building measures on the landscape to prepare for potential climate impacts. Incorporate water security considerations into coordinated water system planning updates to enhance resilience to climate impacts. Jefferson County should recognize the interconnectedness of climate and public health in planning and adaptation. Address transportation-related emissions through initiatives such as increasing electric buses and optimizing public transit system.
4. **Interdepartmental Collaboration, Communication, and Information Sharing (5):** Leverage coordination across departments to address climate challenges effectively and ensure a cohesive approach to planning and action. Enhance communication and collaboration efforts to ensure coordinated messaging and engagement with the public on climate action. Utilize technology and common platforms for information sharing to facilitate collaboration and dissemination of climate-related data and resources across Jefferson County.
5. **Grant Prioritization and Funding Alignment (2):** Identify and prioritize grants and funding opportunities aligned to support Jefferson County climate-related work.
6. **Establish a Framework for Decision Making (2):** Consider establishing a funded staff committee or climate office to guide and help make decisions about climate projects, ensuring community engagement and coordination.
7. **Coordination on Climate Hazard Response (2):** Coordination across Jefferson County to respond to climate hazards including flooding and sea level rise, emphasizing the need for proactive planning and adaptation measures.

Key Themes – Threats

For the threats for Jefferson County collaboration on climate-related work, the Summit participants responded to the key questions: What could negatively impact Jefferson County progress on climate change? What are some things that may prevent cross-departmental collaboration on climate projects? Key themes for the threats to future Jefferson County collaboration are summarized below:

1. **Attitudes and Resistance to Change (8):** Lack of direction, inertia, and varied attitudes towards climate change hinder progress in climate action. Resistance to altering transportation patterns and lifestyle habits poses challenges to transitioning to more sustainable practices.
2. **Capacity and Time Constraints (8):** Overwork and burnout among staff due to competing demands and limited resources impede climate action efforts. Time constraints and limited dedicated staff diminish the amount of dedicated time and attention to climate change.

3. **Prioritization Issues and Resource Constraints (6):** Jefferson County funding for climate-related work is insufficient, delaying necessary actions to address climate challenges. Limited departmental funds hinder the ability to allocate resources to climate change initiatives.
4. **Politicization of Climate Response (4):** Climate response efforts are politicized across departments and within the Jefferson County community, leading to polarization and challenges in implementing cohesive strategies and building consensus.
5. **Impact on Local Economy and Ecosystems (4):** Climate change poses threats to Jefferson County economy and industries such as shellfish farming and agriculture, impacting community resilience and livelihoods, in addition to climate impacts on ecosystems.
6. **Paralysis and Inaction (3):** A sense of paralysis and inability to take action due to various factors such as fear, denial, and competing priorities.
7. **Transparency, Communication, and Coordination (3):** Lack of transparency and coordination within and across Jefferson County creates inefficiencies and undermines trust in climate response efforts. Difficulty in effectively communicating the urgency and importance of climate action contributes to inertia and inaction.
8. **Climate migration (1):** Concerns about climate change contributing to relocation to Jefferson County, leading to social and economic impacts and additional pressures.

Jefferson County Climate Change Activity Inventory

Over the course of Day 1 and Day 2, Summit participants begin to inventory the current climate-related work underway in Jefferson County. The results of the activity are summarized here, with the findings synthesized by planning, adaptation, and mitigation. The results within this findings section have been lightly synthesized by the facilitation team to align with the definitions for planning, mitigation, and adaptation. (See Appendix 1. Climate Summit Materials: Discussion Guide for key terms.) The full list of activity results is available for reference in Appendix 4.

Planning

Activities noted as **mandated**:

Planning Activity	Additional notes
County Comprehensive Plan update (per GMA) including new resiliency element	Grant funding from Dept of Commerce
Water Resource Inventory Area 17 (WRIA 17) (Instream Flow Rule) - groundwater usage regulations from Dept. of Ecology (ECY)	
Local Sewage Management Plan	WAC 246-272A-0015

Planning Activity	Additional notes
WSU Extension is working on a Strategic Planning process (at the intersection of WSU and JC)	WSU Framework for Resilient WA - family, food, work, environment
Coordinated Water System Plan (CWSP) - county, city, PUD, other water purveyors	State water law
Transportation => planning, concurrency, 6-yr. improvement program (i.e., projects)	GMA (Commerce) and WSDOT
Development regulations (adopting and implementing) - 'critical areas' protection included	GMA & Shoreline Management Act (SMA, local Shoreline Master Program)
Open space acquisition planning input	JC Code 3.08
Floodplain management - FEMA National Flood Insurance Program, etc.	Federal mandate - FEMA

Activities noted as **voluntary**:

Planning Activity	Additional notes
Preparation of sea level rise study for east JC	
Climate and Environmental Assessment - related to community health and community health improvement plan	
County Strategic Plan	
Offered PPE to Farmers to help in smoke season - how do we continue to support	
Working with public health on youth and mental health (+ DEI)	
Climate Action Plan (Climate Action Committee)	
Climate Preparedness Plan (NODC)	
Community Wildfire Protection Plan ('defensible space' for new construction)	FPHS funding
Heat and Smoke Plan	FPHS funding; room to expand to include broader partners include: schools, transportation, county transit
Siting of energy facilities including solar, wind, tidal/wave energy	
Assessing food and water resources within the county	

Activities noted as **both voluntary and mandatory or unidentified**:

Planning Activity	Additional notes
Building codes - energy efficiency (mandated); 'LEED' Status, C-PACER, fire protection (voluntary)	mandated by state
Marine Resources Committee	RCW 36.125
- education/outreach/engagement planning	
Watershed/floodplain/fish habitat planning + equity; treaty rights and health aspects	RCW 77.5; voluntary with landowners

Planning Activity	Additional notes
Food Systems planning - farmland protection, food security, local economic development	Agricultural Land protection is mandated through GMA
Items added during Day 2, unconfirmed if voluntary or mandated.	
Dept. of Emergency Management: Hazard Mitigation Plan (2024) update	
Dept. Emergency Management: Emergency Response Plan	
CHIP: including climate component, informed by CHA	
DBH: trauma informed BH	

During Day 2, the Climate Summit participants brainstormed additional planning activities they would like to see happen at Jefferson County, noted within this table:

Possible Future Planning Activities
Disaster Debris Management: Currently no guidance or space for how Public Works deals with debris. Onus of management is on homeowners. hazardous materials.
Plan to deal with mental health crisis given disaster situation. Structural plan, DEM Neighborhood preparedness, consider including behavioral health.
Partner emergency services and ecosystem protection.

Mitigation

Upon review of the Day 1 brainstormed items for mitigation, the facilitation team identified many of the brainstormed items as more directly aligned with the adaptation definition, so those items are reflected in the adaptation section. Appendix 4 contains the full unfiltered lists.

Activities noted as **mandated**:

Mitigation Activity	Additional notes
Conservation Futures funding for mitigation and adaptation of south county property with a focus on salmon health (flooding, septic systems)	
Critical Areas Ordinances	per GMA
Jefferson Transit has mandate to electrify fleet	Added during Day 2.

Activities noted as **voluntary**:

Mitigation Activity	Additional notes
Program GHG emission reduction	
County forestry program	
Lead home composting classes to reduce about 650 lbs/ year from our landfill	
Jefferson and Clallam County partnerships for grant funds to hire a waste reduction consultant; info to be used in future grants	
Dedicating staff to address and organize, collaborate, grow our ability to mitigate and respond	

Mitigation Activity	Additional notes
Electric vehicle car charging infrastructure for workplace and individual users around the County	COM/WSDOT funding; 40 charging ports
Applying for community change grants from EPA to create resilience	
Marine Resources Committee (multiple projects)	grant funding

Activities noted as **both voluntary and mandatory, or unidentified**:

Mitigation Activity	Additional notes
Waste (resource) reduction	high priority solid waste MGMT plan
Six-Year Transportation Improvement Program (TIP)	
Noxious weed control	multi-modal transit planning/construction
Items added during Day 2, unconfirmed if voluntary or mandated.	
Port Angeles using barges for transport to increase shipping/transport capacity	
Farmers market and SNAP funding match	
in addition, expand timeframe via permanent covered space	
Land Trust exploring Green Burial options in County	
County/City/Jeff transit working with transportation lab on active transportation	
County working with Jefferson Land Trust on Forest/Farmland preservation	
Jefferson County working with sustainable forestry - Chickadee Forestry	
Jefferson County plans to electrify fleet- roll out slow	
GHG reduction integrated into economic development plans	

During Day 2, the Climate Summit participants brainstormed additional mitigation activities they would like to see happen at Jefferson County, noted within this table:

Possible Future Mitigation Activities
Mariculture to sequester CO2: Kelp Pilot Program: Sea Grant and JC participating in statewide conversations (i.e., floating kelp/seaweed aquaculture)
6-year Transportation Improvement Program (TIP) - multimodal; active transportation technology; Commute Trip Reduction (CTR) and incentives
Research and development happening: land use carbon sink planning such as through permaculture design principals - generative rather than loss based
Nitrogen and Nutrient reduction
Sea Grant and JC pilot to recycle fiberglass boat hulls to use as fuel for creation of concrete (13 tons pilot study wide) tell JC residents the story/innovation- marketing tool
Septage Capacity: GHG emission in trucking
Tell the success stories
Leverage ingenuity for creative solutions

Possible Future Mitigation Activities

Youth education for active transportation communicate benefits of active transportation safety and infrastructure to support bike accessibility- expand
Electrified ferries explore the benefits/impacts fast ferries: useful in coordination with multimodal transportation and non-POV and EV share
Thoughtful housing/ smart development: housing near jobs affordable and accessible by multimodal transportation reducing commutes update zoning to ensure mixed use zoning
Supply chain assessment and localization electrify shipping healthcare supply chain

Adaptation

Activities noted as **mandated**:

Adaptation Activity	Additional notes
Tracking emerging infectious diseases as a result of climate changes	Composite funding, stable funding, long term work
Port Hadlock Wastewater Treatment System	Sewer system in Port Hadlock + updated septic code with sea level rise
DEM's NPREP (partnership with local 20/20) to organize neighborhoods and conduct disaster prep outreach to inform the general public	
Incident Management Team (IMT) at DEM meets monthly and prioritizes climate change and emergency response	
North American Vertical Data: floodplain	Mandated, added during Day 2
Flood damage prevention ordinance	
Continuity of Operations Plan (COOP) federal mandate	Mandated, added during Day 2
Culvert replacement and fish passage: WSDOT legal mandate, Tribal treaty rights	WSDOT mandate, as well as voluntary Public Works

Activities noted as **voluntary**:

Adaptation Activity	Additional notes
Department of Health Foundational Public Health Services Climate and Health Model Program	
Legislatively assigned statewide foundational PH funding	long term
Extreme Weather Sheltering - smoke, heat, storms	some funding JCPH/DEM
Health sector infrastructure resilience + adaptation	Analysis + Planning Stage
Heat/Smoke Education Foundational Public Health funding	communities and IMT
Clean air/cooling shelter network building b/w	PH and DEM
JCPH Heat and Smoke response nexus	
JCPH Heat Response Plan	
Better communication about cooling centers	
Promoting and distributing PPE, DIY Box Fans, air conditioners/scrubbers to the public	

Adaptation Activity	Additional notes
Teaching schools, parents, and elderly about heat related illness + respiratory impacts	
Health literacy education re: climate + health - policy and citizen level	
Departmental Safety Committee & plans for staff health in the building and in the field	
Healthcare workforce education/engagement	
Emergency response planning for high/risk + medically fragile groups	in progress - JCPH + Jefferson Healthcare meeting and coordinating; no longer giving out plastic toys, etc.
JCPH Flooding Impact Risk Analysis	Planning looking for grants and opportunities
JCPH Harmful Algae Bloom (HAB) response	Freshwater + Marine, continuing long term
C-PACER - Building resilience into existing and new ag, multifamily, industrial, commercial properties	Financing for commercial properties to update for climate resilience. Commercial, Ag, Industrial + Inflation Reduction Act opportunities.
Implementing Comprehensive Flood Hazard Management Plans => 3 plans	Dept of Ecology funded; Analysis of river valleys; strategies for different watersheds
Dosewallips River Project (Floodplains by Design)	Grant: ECY
Climate forward' assessment and planning process piloted across 2 counties	
Integrating climate change education into programs (small farms, water education)	
DEM doing FEWSion (Food, Energy, Water) analysis to reexamine supply chain + resiliency for our communities	
Broadband buildout for rural county: Internet connectivity, PUD	Voluntary, added during Day 2
Transfer station siting and colocation of the food hub: driver for the transfer station siting	Voluntary, added during Day 2
JCPH and Jefferson Health Care (JHC) for targeted patient outreach on climate risks	Voluntary, added during Day 2
Treaty rights and sovereignty	Added during Day 2
integrated planning and health	Added during Day 2
Community care Hubs, Olympic Community Health: health accountability organization	
brand new- HCA	Added during Day 2

Additional adaptation activities to explore the current status and work within Jefferson County:



Adaptation Activity	Additional notes
Sustainable forestry work	No additional context noted.
JC Conservation District work	
Jefferson Land Trust work	
NW Watershed Institute work	
Create a climate office	
Clear communication about sea level rise projections and anticipated impacts	
Jobs and housing match - adapt replacement housing	

During Day 2, the Climate Summit participants brainstormed additional adaptation activities they would like to see happen at Jefferson County, noted within this table:

Possible Future Adaptation Activities
Clarify definition and acknowledge natural and human environment
Common but differentiated: Do we have common goals?
Water use/availability: conservation measures
Lead by example/ model for residents
Beaver analogue dams: opportunity (ex. Idaho)
Planetary Health: Interconnectedness of human health with ecosystems; leverage concept to amplify interdepartmental work and reduce threat
Anchor to NCA and UN sustainable development goals
Fostering civic health in climate work (civic health/repair)
Workforce development and green jobs
Use provider resources page to message climate health literacy; existing resources real time interventions and assessment

Jefferson County Collaboration Opportunities

During this activity, participants brainstormed with a partner in another department, then teamed up in a group of four people to continue brainstorming before sharing out their ideas to the full group. The ideas represented in the following table are a synthesis of the notes and brainstormed ideas from the facilitation team, but do not represent the perspective of all Summit participants or Jefferson County on the next steps. The ideas are listed in the order in which they were shared during the Summit. These ideas have not been evaluated for feasibility.

Brainstormed Jefferson County Collaboration Activity	Implicated Departments
1) Form a Climate Resilience Office with a Director position, through shared funding and countywide support, such as grants tracking	All County Departments
2) Establish a grants partnership for climate change with technical support to apply for and bring additional climate change funding into County	Auditor's Office
3) Collaborate through monthly or quarterly meetings to share updates on climate change work	DCD and Public Health

Brainstormed Jefferson County Collaboration Activity	Implicated Departments
4) Cultivate more cross-County barbeques and informal gatherings	DCD and Public Health
5) Create a Coordinating Committee to prioritize projects	
6) Report out from Climate Summit, share outcomes with BoCC	
7) Develop a shared website and internal shared app (such as a SharePoint Intranet site) to share climate resources and work. Consider a shared slide deck or set of Google slides with departmental leads to highlight and update snapshots of current work, successes, and support/needs	
8) Develop site based Green Teams - site based, could support a Coordinating Committee	DCD
9) Trust Leadership and focus on paradigm shift and evaluate the need to hire additional capacity	
10) Involve multiple departments in the Climate Resilience Element to the Comp Plan	
11) Support recurrence of the Climate Summit, consider 6 months or annually	Central Services or DCD
12) Support implementing a commute trip reduction program for County staff	
13) Support farmers to help provide emergency response for one another	WSU Extension
14) Identify lead staff to support the CAC, to support better resourcing the CAC work	
15) Consider formalizing a climate charter within the County Strategic Plan, to serve as a living document and anchor to guiding principles, goals and shared resources and standards. Establish a County departmental pledge or agreement of mutual aid across departments and consider training and support for departments to implement.	
16) Coordinate across the County on a) flooded land recovery, b) transportation and housing, and c) alignment of messaging to County residents	
17) Transfer of Development Rights (TDR) program	

In addition to the ideas shared above in the table, Summit participants also shared several additional notes:

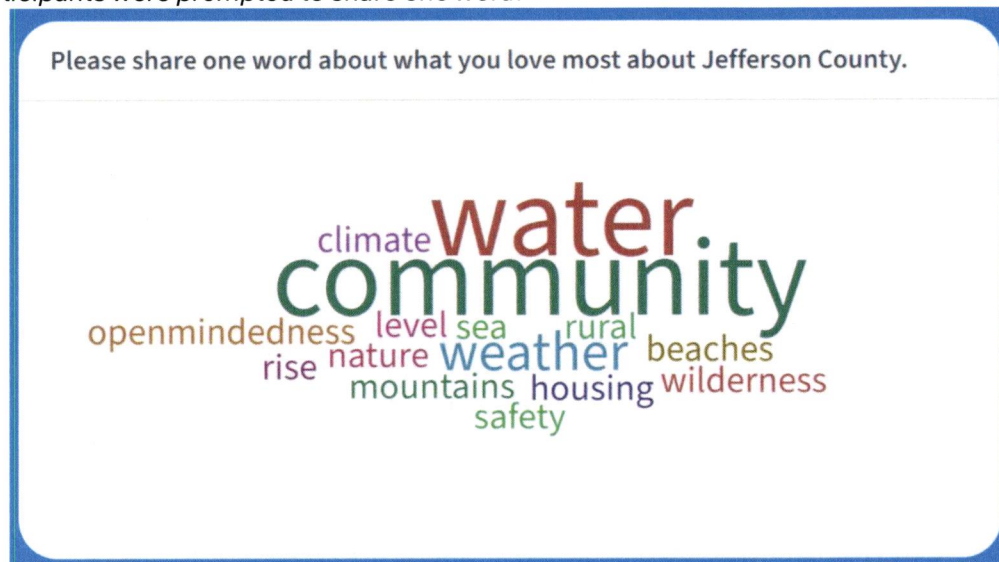
- If Jefferson County creates a new position, consider that it won't solve all problems.
- Empower departments to hire staff to enhance capacity.
- Consider leaning on the existing quarterly process for collecting departmental information on climate change to provide updates to the Jefferson County Administrator.

Poll EV Results

The facilitation team used Poll EV throughout the Summit to gather real-time information from participants. The Poll EV results for each question are noted below.



1. Please share one word about what you love most about Jefferson County. *For this question, participants were prompted to share one word.*



2. From your perspective, what is the biggest climate change or climate related challenge in Jefferson County? *For this question, participants were prompted to share a short answer.*

Participant Responses	
More challenges	Climate refugees and infrastructure
Culture shift	Housing accessibility
Community polarization	Changing mindsets
Transportation dependence	Application of solutions
Fire & Farming	Disaster response
Addressing equity and access	Mental health, depression, anxiety
Heat	Isolation
Resources	'Frog in hot water'

3. How do you see climate change affecting your department and the ability to do your work in the short term, i.e. day to day operations? *For this question, participants were prompted to share a short answer.*

Participant Responses	
Need digital tools to reduce travel	More focus on protection from heat and smoke.
Changing challenges we aren't equipped to address	Increased pressure without the institutional support
Temperature and smoke, messing with office systems and impacting field work	Interruption
Noxious weed management and heat	Prioritizing projects and allocating limited resources.
Hard to focus with so many projects	Increased workload related to impacted related needs

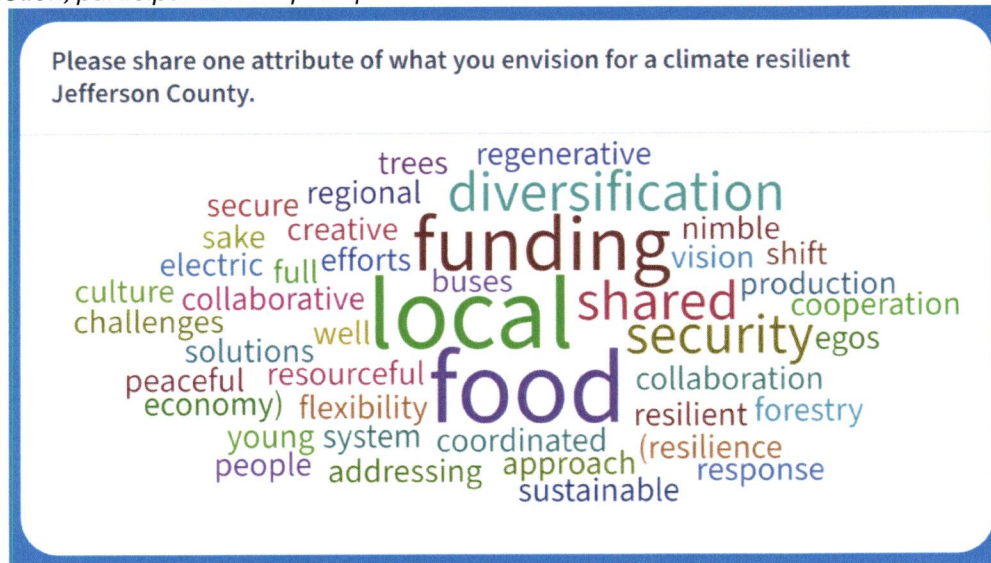
Participant Responses	
Ramping up new program in a short time	Unrealistic demand on services
More challenges	Increase in patients needing respiratory healthcare at our clinics.
Need to update and adopt management plan to address sea level rise effect on septic systems	Air pollution this summer/fall
Heat and smoke affects farmers and gardeners	No affect
Heat and air quality dangers for our staff doing field work.	More work
Flooding frequency and intensity (with respect to floodplain and shoreline management, development permits)	

4. How do you see climate change affecting your department and the ability to do your work in the long term, i.e. overall department direction? *For this question, participants were prompted to share a short answer.*

Participant Responses	
One health	Addressing mental health issues with students
Response to sea level and flooding on septic systems	Increasing the inequality.
Accommodating climate refugees (increased population growth rate)	Adaptation work to build community resilience will become our department's major focus.
Protecting public health will be significantly more challenging, as there are more environmental challenges, such as heat, smoke, disease change, storms and social effects.	More emergencies, more kinds of emergencies
Increasingly short turn around on response to ever changing challenges	Increased health impacts, increased work load
Communicating impacts in a meaningful way.	Increased flooding altering existing development and natural habitats will make building planning more challenging.
Staff availability	Power grid in water service disruptions
Communicating	Will small farms persist in annual heat and smoke?
Change of prioritization and increased workload and complexity	Power grid and water service disruptions from wildfires and algae

Participant Responses	
Ability to meet land use planning goals to protect environment, natural resource lands, community health, etc.	Unpredictability
Uncertainty about funding, and highest needs changing without ability to pivot fast.	

5. Please share one attribute of what you envision for a climate resilient Jefferson County. *For this question, participants were prompted to share one word.*



6. What stood out to you today as something the County is doing well on? *For this question, participants were prompted to share a short answer.*

Cross collaboration hinges on interdepartmental awareness of shared work	A lot of departments are working on climate	Each department has already made a good start	Taking on work voluntarily, We're doing the work
Initiation of CAC almost 20 years ago	Leadership is well educated about climate change	Farmers markets, Food Co-op	Good leadership
Commitment, Caring, Willingness	Collaboration and curiosity	Hosting this meeting, Having meetings like this!	Systems thinking
	Scones!	Chasing grants	

7. If you could make one thing happen to support Jefferson County's action on climate change, what would that be? *For this question, participants were prompted to share a short answer.*

Public engagement	Create and staff a climate resiliency office for Jefferson Co.	Leverage the health perspective to amplify existing work and promote shared community buy in/collaboration	Get one person to oversee and coordinate climate work throughout the county
Prioritize list of actions	Putting a structure for ongoing collaboration in place	Continue to engage	Commit to collaboration
Visionary leadership with the courage to make difficult decisions.	Strengthen systems and processes for sharing and collaborating	Commit to hire a coordinator.	Implement a coordinating council to vet grants and projects so there is alignment with goals and a strategy.
Hire additional experienced grant writers	Increase sustainable forestry	Connect urban and rural communities.	

8. Having reflected on the discussion from Day 1, what is a key opportunity that you see for the County on climate change? *For this question, participants were prompted to share a short answer.*

Participant Responses	
Coordinated water system plan including climate change	We are small and mighty and ready to work together.
Positioning the county as a visible leader in order to engage community	County facilities plan
A plan for regular climate coordination gatherings	Coordinating technical council
Lots of smart people in the room	Defining what coordination looks like for unifying each of our efforts in the climate space
Avoid acting at cross purposes. Be a good example to the public in planning projects. Support realistic expectations.	Local food system plan (for resilience and economy)
Collaboration with other counties.	Developing a unifying mission
Sussing out the sticking points	Increased mitigation in county activities
Full buses	Collaboration
Opportunities to coordinate	Funding coordination

Next Steps

Following the Climate Summit, County staff will continue to coordinate and collaborate organically on climate related work.

The Department of Community Development (DCD) will initiate the County's 2025 Comprehensive Plan periodic update process, which includes incorporation of a climate resilience element into the plan. DCD will share the Summit findings with that project team to build from.

Appendix 1. Climate Summit Materials

Agenda & Discussion Guide

Please find the agenda and discussion guide on the following page.



Climate Summit
May 2 & 3, 2024

Climate Summit Agenda

May 2 & 3, 2024 | 9:00am – 12:00pm

WSU Extension Classroom, 97 Oak Bay Rd, Port Hadlock

Purpose

To bring together multiple Jefferson County departments to better understand all the climate related projects and initiatives the County is engaged in (both mandated and voluntary) and to identify synergies on climate change efforts across the County.

Day 1: May 2, 2024

Agenda

Time	Agenda Item	Reference Materials
9:00 am	Welcome and Introductions Led by the facilitation team	Agenda
9:20 am	Climate Summit Goals and Background Led by the facilitation team, Jefferson County Public Health and Community Development	
9:50 am	Current Status of Jefferson County Climate Change Coordination Led by the facilitation team	Discussion guide
10:40 am	Stretch break	
10:50 am	Mapping the County's Climate Change Activity Landscape Led by the facilitation team	Discussion guide
11:45 am	Wrap up Day 1 and prepare for Day 2 Led by the facilitation team	
12:00 pm	Adjourn & optional casual lunch! <i>Please bring your lunch if you'd like to join for a casual lunch after Day 1 of the Summit.</i>	

Day 2: May 3, 2024

Agenda

Time	Agenda Item	Reference Materials
9:00 am	Welcome Led by the facilitation team	Agenda
9:15 am	Continuing to Map the Landscape of Climate Change Activities Led by the facilitation team	Discussion guide
10:30 am	Break	
10:40 am	Beyond the Climate Summit Led by the facilitation team	Discussion guide
11:40 am	Closing Remarks and Next Steps Led by the facilitation team and Jefferson County Public Health and Community Development	
12:00 pm	Adjourn & optional casual lunch! <i>Please bring your lunch if you'd like to join for a casual lunch after Day 2 of the Summit.</i>	



Climate Summit Discussion Guide

May 2 & 3, 2024 | 9:00am – 12:00pm

WSU Extension Classroom, 97 Oak Bay Rd, Port Hadlock

Purpose

During the Climate Summit, we'll be seeking input and active participation in several activities. The purpose of this discussion guide is to help Climate Summit participants prepare for the Summit.

Section 1: Preparing for the Summit

Please complete [this survey](#) by May 1 at 12pm. In addition, please take 30 minutes prior to the workshop to prepare responses to the following questions. We encourage staff and leadership to collaborate on the following preparation questions:

1. Please list the climate-related projects you are currently working on.
2. For each of the plans, projects, or programs, identified, please make note of:
 - a. What falls within the category of planning, mitigation, or adaptation activities?
 - b. What is required/mandated? What underlies the requirement/mandate?
 - c. What is voluntary? What is the motivation for pursuing the activity?
3. Of the climate work that you are doing, both mandatory and voluntary, please make note of:
 - a. What is the scale of the plan, project, or program? Is it short term or long term?
 - b. What is funded? What is the funding source?
 - c. Is funding for this work stable?

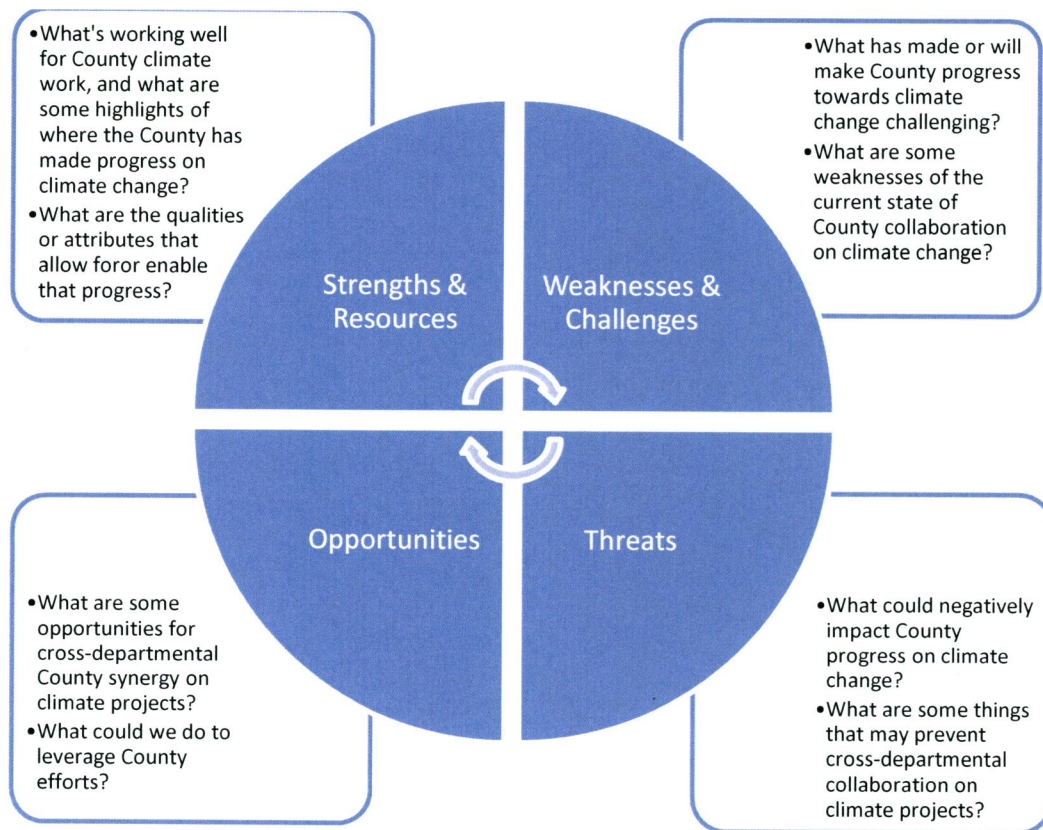
Section 2: Discussion Questions

During the Summit, we will guide participants through several activities, and have included the discussion questions below to prompt reflection. You do not need to prepare responses to these questions before the Summit.

1. How do you see climate change affecting your department and the ability to do your work?
 - a. Short term – day to day operations
 - b. Long term – overall department direction
2. How is your department responding to the changing climate (through planning and adaptation) in the short term and long term?
3. How is your department mitigating climate change in the short term and long term?
4. What other departments intersect with your climate related work?
5. What would your department do in climate response with more funding or capacity?
6. What departments would you like to coordinate with on climate related work in the future?
7. What do you see as next steps for the County on climate change?

Section 3: Current Status of Coordination Efforts

During the Climate Summit, we'll review the Strengths, Weaknesses, Opportunities & Threats (SWOT) to begin to identify the current state and key factors influencing Jefferson County climate change coordination. We'll use this tool to leverage strengths and opportunities and address challenges and threats to the County continuing to advance climate change related-work and projects. Please review the prompting questions. You do not need to prepare responses to these questions before the Summit.



Section 4: Key Terms

- Project types we'll be referencing:
 - **Planning** includes any strategic planning occurring within the County.
 - **Mitigation** actions work to address the cause of climate change by reducing GHG emissions and carbon footprint and increasing carbon sinks (e.g., transitioning away from fossil fuels by electrifying buildings and expanding tree canopy cover).
 - **Adaptation** actions work to address the impacts of climate change by building resilience and preparing the community and natural environment to adapt to the unavoidable impacts of climate change (e.g., providing community cooling centers and air shelters in case of extreme heat, wildfires, and wildfire smoke, preparing for sea level rise, ensuring water security).

Participant Pre-Summit Survey

Jefferson County Internal Climate Summit

We are looking forward to the Climate Summit upcoming on May 2 & 3, 2024! Please complete the survey to help us prepare for the Summit. Please complete this survey by May 1 at 12pm.

* Required

1. Your first and last name *

Enter your answer

2. Your title *

Enter your answer

3. Your department *

Enter your answer

4. Which type of projects do you work on most frequently? *

☐ **Planning** any strategic planning occurring within the County.

☐ **Mitigation** projects work to address the cause of climate change by reducing GHG emissions and carbon footprint and increasing carbon sinks (e.g., transitioning away from fossil fuels by electrifying buildings and expanding tree canopy cover).

☐ **Adaptation** projects work to address the impacts of climate change by building resilience and preparing the community and natural environment to adapt to the unavoidable impacts of climate change (e.g., providing community cooling centers and air shelters in case of extreme heat, wildfires, and wildfire smoke, preparing for sea level rise, ensuring water security).

☐ Other

5. Do you have any accommodation needs you'd like us to be aware of? Is there anything you'd like us to know to better enable your participation in the Summit? *

Enter your answer

6. Is there anything else you'd like us to know before the Climate Summit? *

Enter your answer

Submit

Post Summit Survey

Follow-up Survey: Jefferson County Internal Climate Summit

Thank you for participating in the May 2 and 3 Jefferson County Internal Climate Summit! We greatly appreciate your preparations for and contributions during the Summit. We are working to synthesize the results from the Climate Summit and anticipate sharing a summary report sometime in late June 2024.

1. What part of the Climate Summit was most valuable for you?

Enter your answer

2. What would you want more of?

Enter your answer

3. What is one thing you will contribute to advancing cross-County coordination on climate change?

Enter your answer

4. List 3 ways you would like to participate in future climate work at the County.

Enter your answer

5. Who would you be interested in working with more in the future on climate related work? (Can be more than one person!)

Enter your answer

6. Who was missing from the Climate Summit? Why?

Enter your answer

7. Would you be interested in participating in future cross-County collaboration related to climate change? Feel free to share any specific ideas you might have.

Enter your answer

Submit

Appendix 2. Attendee List

Name	Department	Attended Day 1	Attended Day 2
Amanda Christofferson	Auditor's Office	X	X
Heidi Eisenhour	Board of County Commissioners	X	X
Brent Butler	Community Development	X	X
Donna Frostholt	Community Development	X	X
George Terry	Community Development	X	X
Josh Peters	Community Development	X	X
Lara Gaasland-Tatro	Public Health	X	X
Lolinthea Hinkley	Public Health	X	X
Pinky Mingo	Public Health	X	X
Tami Pokorny	Public Health	X	X
Apple Martine	Public Health	X	X
Denise Banker	Public Health	X	X
Emma Erickson	Public Health	X	X
Lara Cittadini	Public Health	X	X
Michael Dawson	Public Health	X	X
Laura Tucker	Public Health and Public Works	X	X
Al Cairns	Public Works	X	X
Amit Sharma	WSU Jefferson County Extension	X	X
Kay Gaul	WSU Jefferson County Extension	X	X
Owen Rowe	WSU Jefferson County Extension	X	X

Appendix 3. SWOT Analysis Tables

Strengths

Strengths	
CO2E is known- we care!	sense of community
everyone wears multiple hats- awareness/involvement in many projects	Sewage local MGMT plan to be updated and will include id'ing septs influenced by SLR
importance of peat soils	county fleet migrating to EV
Passionate people with climate planning skills	research
Smart people in this town	acquisitions of flood prone properties
lots of \$\$ from state and federal government for climate work	partnerships
great CAC activities and NODC planning analysis to draw from	state funding in climate change and response is flowing to locals
County has taken advantage of grant opportunities to increase awareness o issue and possible solutions	Funded for EV stations
sincere stories to share- MRC, Olympic oysters, raingardens	regional small farms coordination across 3 counties
Share values, engaged public (highest voter turnout in state behind SJC)	emergency response organizing around climate related threats
general acceptance of CC and that action is needed	naming the problem
small and reasonably well funded CAC	considered economically disadvantaged (an asset) and of risk for health impacts EPA
local 20/20 climate outreach group	small county willingness to collaborate
forests	currently have abundance of water
Ocean mitigated temps	willingness to work together
Cooling shelters established	smart, problem solvers
dedicated employees to address	tribes and treaty rights
board of health prioritizing climate and health	growing awareness of justice and equity
dense network of relationships with people in Jefferson County	nice people who care!

Weaknesses

Weaknesses	
Identify and implement "just in case" scenarios on the landscape	we haven't grown 'out of control' yet, so opportunity to plan wisely for future
Identify and prioritize grants and funding in alignment with a coordinated strategy	coordination committee

Weaknesses	
we could have an advisory board for making decisions about projects	effective coordinated communication
coordination on response to development influence by SLR	better marketing coordinated to inform public (e.g. on actions required by gov.)
presenting CC as health issue can increase community buy-in	seek ways to bring people into the conversation- leverage things like food security, fire, etc.
coordination across committees with existing climate intersection	leveraging all educational and engagement opportunities
empty buses and increasing electric buses	existing work from other counties/states/ around the world
unprecedented funding availability	aligning goals and resources with other departments. Coordinate planning and action
coordinated water system plan (CWSP) update could include identifying water security in the county	tailoring key messages: human/public health, hazards impacting JC, food security
increased communication and collaboration	incorporating health literacy and human health into various projects
viewing CC as something that will impact us all within and across departments- leverage that climate is and requires coordination	leverage community resources
incorporating public and personal health in CC. paradigm shift	leverage technology or common platform for information sharing
collaboration with other agencies	leverage existing groups: Strait Ecosystem recovery network (ERN), Hood Canal Coordination council, CAC, North Olympic Development Council (NODC)
not just cross-department, should bring in City	Previous history of collaborations: NODC, Water Resource Inventory Area (WRIA) 16 and 17
	Leverage state agencies, fed, tribes

Opportunities

Opportunities	
paralysis and inability to take action	capacity
climate response is politicized across departments	funding
denial, fear	pre-existing land use
polarizing language related to CC conversations	food security
counter threats with listening	lack of high-level structure for coordination
wealthy/white flight (climate refugees)	county funding is insufficient- funds are needed to start taking action now
clustering of likeminded individuals	time constraints
lack of departmental funds/staff	lack of resources
financing/ budget competition	doubling down to re-enforce existing systems- unsustainable

Opportunities	
poor use of resources, financial and otherwise	Peat soils: prone to wildfire, used for food growth
employee burnout	emergencies/disasters happen before we can prepare
lack of funding	transportation patterns and other 'creature comforts' we're used to are hard to alter or give up
lack of transparency	paralysis- feeling overwhelmed
small county continuing with big day-to-day work while climate change issues push on us to handle them	pollination changes that can impact food security
public attitudes towards climate change	threat to shellfish industry
egos	people don't like being told what to do
funding	saviorism vs. co-liberation theory
polarizing	Not recognizing CC and it's impacts as a priority
sectarianism	

Threats

Threats	
need cohesion on level of urgency	climate related info and county climate work has mushroomed- hard to stay up on everything going on
funding	No MGMT level position to oversee and guide county collaboration. Someone should be tasked with ensuring progress in developing and implementing goals and policies
lack of time to collab	county lacks leadership in climate space
lack of coordination and strategy creates stress	NIMBY
limited coordination	perpetuated eyerolling about engaging this work
Disconnect on economic development and climate	people living in areas of projected SLR and flooding
wealthy/white flight (climate refugees)	existing development (septic systems, water wells, homes, businesses) in lowlands/ areas affected by flooding
insufficient county funds/staff	delayed effects of CC. we're not CA, TX, or FL
Political will	external (even global) factors overwhelming for 'small' county (in terms of population)
Economic forces	convincing people that where they currently live can be impacted by climate
team is already at or over capacity. Hard to add new things in	Incremental response increasingly inadequate

Threats	
inter-departmental discussions are not currently happening	effectively addressing transportation
staffing levels limit collaboration	need to localize supply chains and industry
capacity	Industry- reduce transport NODC
funding	geographically large and rural landscape
vision	lack of direct ferry from SEA to PT
need more funding for climate response	transportation emissions
coordination and collaboration	tourism transport challenges
sloped thinking	land use and sprawl
territoriality with departments	existing workload
lack of direction	funding prioritization
stuck habits	Folks don't feel listened to- invite county residents to share and listen (South County)

Appendix 4. Jefferson County Activity Results

This appendix contains the results of the Jefferson County climate change-related work mapping and inventory activity from Day 1 and Day 2, as shared by Summit participants.

Planning Content

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Building codes - energy efficiency (mandated); 'LEED' Status, C-PACER, fire protection (voluntary)	Both	mandated by the state
Marine Resources Committee - education/outreach/engagement planning	Both	RCW 36.125
Watershed/floodplain/fish habitat planning + equity; treaty rights and health aspects	Both	RCW 77.5; voluntary with landowners
Food Systems planning - farmland protection, food security, local economic development	Both	Farmland protection is mandated through GMA
County Comprehensive Plan (per GMA) including new resiliency element	Mandated	
Water Resource Inventory Area 17 (WRIA 17) (Instream Flow Rule) - groundwater usage regulations from ECY	Mandated	
Local Sewage Management Plan	Mandated	WAC 246-272A-0015
WSU Extension is working on a Strategic Planning process (at the intersection of WSU and JC)	Mandated	WSU Framework for Resilient WA - family, food, work, environment
Coordinated Water System Plan (WSP) - county, city, PUD, other water purveyors	Mandated	State water law
Transportation => planning, concurrency, improvement program (i.e. projects)	Mandated	GMA (Commerce) and WSDOT
Development regulations (adopting and implementing) - 'critical areas' protection included	Mandated	Shoreline management (shoreline master program) Ecology
Open space acquisition planning input	Mandated	JC Code 3.08
Floodplain mgmt - FEMA National Flood Insurance Program, etc.	Mandated	Federal mandate - FEMA
Preparation of sea level rise study	Voluntary	
Climate and Environmental Assessment - related to community health and community health improvement plan	Voluntary	
County Strategic Plan	Voluntary	

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Offered PPE to Farmers to help in smoke season - how do we continue to support	Voluntary	
working with public health on youth and mental health (+ DEI)	Voluntary	
Climate Action Plan (Climate Action Committee)	Voluntary	
Climate Preparedness Plan (NODC)	Voluntary	
Community Wildfire Protection Plan ('defensible space' for new construction)		Day 2 Would like to see happen
Siting of energy facilities including solar, wind, tidal/wave energy		Day 2 Would like to see happen
Disaster Debris Management: Currently no guidance or space for how Public Works deals with debris. Onus of management is on homeowners. hazardous materials.		Day 2 Would like to see happen
Plan to deal with mental health crisis given disaster situation.		
Structural plan, DEM Neighborhood preparedness, consider including behavioral health.		Day 2 Missing of existing work
Partner emergency services and ecosystem protection.		Day 2 Missing of existing work
NODC climate plan collaboration		Day 2 Missing of existing work
Assessing food and water resources within the county	voluntary	Day 2 Missing of existing work
Dept. Emergency Management: Hazard Mitigation Plan (2024) training		Day 2 Missing of existing work
Dept. Emergency Management: Emergency Response Plan		Day 2 Missing of existing work
CHIP: including climate component ->CHA informs		Day 2 Missing of existing work
DBH: trauma informed BH		Day 2 Would like to see happen
Heat and Smoke Response Plan: room to expand to include broader partners include: schools, transportation, county transit		Day 2 Would like to see happen

Adaptation Content

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Tracking emerging infectious diseases as a result of climate changes	Mandated	Composite funding, stable funding, long term work
Port Hadlock Wastewater Treatment System	Mandated	Sewer system in Port Hadlock + updated septic code with sea level rise
Climate resilience element in comprehensive planning	Mandated	
Comprehensive plan update => sub-element resilience	Mandated	Grant funding from Dept of Commerce
Coordinated water system plan	Mandated	
DEM's NPREP (partnership with local 20/20) to organize neighborhoods and conduct disaster prep outreach to inform the general public	Mandated?	
Incident Management Team (IMT) at DEM meets monthly and prioritizes climate change and emergency response	Mandated?	
Department of Health Foundational Public Health Services Climate and Health Model Program	Voluntary	
Extreme Weather Sheltering - smoke, heat, storms	Voluntary	some funding JCPH/DEM
Teaching schools, parents, and elderly about heat related illness + respiratory impacts	Voluntary	
Heat/Smoke Education Foundational Public Health funding	Voluntary	communities and IMT
Clean air/cooling shelter network building b/w	Voluntary	PH and DEM
JCPH Heat and Smoke response nexus	Voluntary	
Better communication about cooling centers	Voluntary	
JCPH Heat Response Plan	Voluntary	
Legislatively assigned state wide foundational PH funding	Voluntary	long term
Promoting and distributing PPE, DIY Box Fans, air conditioners/scrubbers to the public	Voluntary	
Health literacy education re: climate + health - policy and citizen level	Voluntary	
Health sector infrastructure resilience + adaptation	Voluntary	Analysis + Planning Stage

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Departmental Safety Committee & plans for staff health in the building and in the field	Voluntary	
Healthcare workforce education/engagement	Voluntary	
Emergency response planning for high/risk + medically fragile groups	Voluntary	in progress - JCPH + Jefferson Healthcare meeting and coordinating; no longer giving out plastic toys, etc.
JCPH Flooding Impact Risk Analysis	Voluntary	Planning looking for grants and opportunities
JCPH Harmful Algae Bloom (HAB) response	Voluntary	Freshwater + Marine, continuing long term
C-PACER - Building resilience into existing and new ag, multifamily, industrial, commercial properties	Voluntary	Financing for commercial properties to update for climate resilience. Commercial, Ag, Industrial + Inflation Reduction Act opportunities.
Implementing Comprehensive Flood Hazard Management Plans => 3 plans	Voluntary	Dept of Ecology funded; Analysis of river valleys; strategies for different watersheds
Dosewallips River Project (floodplains by design)	Voluntary	
Climate forward' assessment and planning process piloted across 2 counties	Voluntary	
Integrating climate change education into programs (small farms, water education)	Voluntary	
DEM doing FEWSion (Food, Energy, Water) analysis to reexamine supply chain + resiliency for our communities	Voluntary	
\$100,000 new grant for energy audits and companion projects		
Sustainable forestry work		
Conservation district work		
Land trust work		
NW Watershed Institute work		
Create a climate office		Desires to do
Clear communication about sea level rise projections and anticipated impacts		Desires to do

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Jobs and housing match - adapt replacement housing		Desires to do
Green teams' for each county extension office		Desires to do
Clarify definition and acknowledge natural and human environment		Day 2 What would you like to see happen
Common but differentiated: Do we have common goals?		Day 2 What would you like to see happen
Water use/availability: conservation measures		Day 2 What would you like to see happen
Lead by example/ model for residents		Day 2 What would you like to see happen
Beaver analogue dams: opportunity (ex. Idaho)		Day 2 What would you like to see happen
Planetary Health: Interconnectedness of human health with ecosystems		
leverage concept to amplify interdepartmental work and reduce threat		
Anchor to NCA and Un Sustainable development goals		
Fostering civic health in climate work (civic health/repair)		Day 2 What would you like to see happen
Workforce development and green jobs		Day 2 What would you like to see happen
Use provider resources page to message climate health literacy		
existing resources		
real time interventions and assessment		Day 2 What would you like to see happen
Culvert replacement and fish passage: WSDOT legal mandate/ TTR	Both: WSDOT mandated	Day 2 Missing of Existing work
Public works		
North American Vertical Data: floodplain		
Flood damage prevention ordinance	Mandatory	Day 2 Missing of Existing work
Broadband buildout for rural county: Internet connectivity, PUD	voluntary	Day 2 Missing of Existing work
Continuity of Operations Plan (COOP) federal mandate	Mandatory	Day 2 Missing of Existing work
Treaty rights and sovereignty		Day 2 Missing of Existing work
Transfer station siting and colocation of the food hub:		
driver for the transfer station siting	voluntary	Day 2 Missing of Existing work
JCPH and Jefferson Health Care (JHC) for targeted patient outreach on climate risks	voluntary	Day 2 Missing of Existing work

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
integrated planning and health		Day 2 Missing of Existing work
Community care Hubs, Olympic Community Health:		
health accountability organization		Day 2 Missing of Existing work
brand new- HCA		

Mitigation Content

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Diverting edible food to those in need	voluntary	
wildfire plan	voluntary	FPHS funding
heat and smoke policy	voluntary	FPHS funding
Flood plains by design	voluntary	Grant: ECY
Dedicating staff to address and organize, collaborate, grow our ability to mitigate and respond	voluntary	
electric vehicle car charging infrastructure for workplace and individual users around the county	voluntary	COM/WSDOT funding; 40 charging ports
Applying for community change grants from EPA to create resilience hubs	voluntary	
Marine resources committee (multiple projects)	voluntary	grant funding
Bringing those with surplus food (farmers, grocery stores, gleaners, hospitals, schools, etc.) together with those who need food (food banks, schools, OlyCap, etc.) to see where they can work together.	voluntary	cross-county port to leverage grants
applying for economic development funding for improving the # of good jobs in Jefferson County and training for those	voluntary	cross-county and tribes
Regional small farms (Clallam/Jefferson/Kitsap)	voluntary	
Rain Gardens (master Gardens)	voluntary	
Dedicated staff time in environmental health, community health, grants to address climate change	Voluntary	New
Create a climate office	Voluntary	
Critical Areas Ordinance	mandatory	

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Conservation Futures funding for mitigation and adaptation of south county property with a focus on salmon health (flooding, septic systems)	Mandated	
Waste (resource) reduction	both	high priority solid waste MGMT plan
Transportation Implementation Plan (TIP)	both	multi-modal transit planning/construction
Noxious weed control	Both	
Program GHG emission reduction		
County forest program		
Hazard Mitigation Plan		Dept. of emergency management plan
Shoreline Master Program		
lead home composting classes to reduce about 650 lbs/ year from our landfill		
Jefferson and Clallam County partnerships for grant funds to hire a waste reduction consultant; info to be used in future grants		
Community health improvement project (CHIP)		
Community health assessment (CHA)		
Heating and cooling centers		
Mariculture to sequester CO2:		
kelp pilot program: Sea Grant		Day 2 Missing of existing work
JC participating in statewide conversations		
6-year Transportation Improvement Program (TIP)- multimodal		
active transportation technology		Day 2 Missing of existing work
Commute trip reduction and incentives		
R & D happening: land use carbon sink planning		
Permi. design principals		Day 2 Missing of existing work
generative rather than loss based		Day 2 Missing of existing work
Nitrogen and Nutrient reduction		
SeaGrant and JC pilot to recycle fiberglass boat hulls to use as fuel for creation of concrete (13 tons pilot study wide)		
tell JC residents the story/innovation-marketing tool		Day 2 Missing of existing work
Port Angeles using barges for transport to increase shipping/transport capacity		Day 2 Missing of existing work

Sticky Note Content	Mandated, Voluntary, or both?	Additional notes
Farmers market and Snap funding match in addition, expand timeframe via permanent covered space	mandated	Day 2 Missing of existing work
Land Trust exploring Green Burial options in Jefferson County		Day 2 Missing of existing work
County/City/Jeff transit working with transportation lab on active transportation		Day 2 Missing of existing work
County working with Jefferson Land Trust on Forest/Farmland preservation		Day 2 Missing of existing work
Jefferson County working with sustainable forestry- Chickadee Forestry		Day 2 Missing of existing work
Jefferson Transit has mandate to electrify fleet		Day 2 Missing of existing work
Jefferson County plans to electrify fleet- roll out slow		Day 2 Missing of existing work
GHG reduction integrated into Economic Development Plans		Day 2 Missing of existing work
Septage Capacity: GHG emission in trucking		Day 2 Would like to see happen
Tell the success stories		Day 2 Would like to see happen
Leverage ingenuity for creative solutions		Day 2 Would like to see happen
Youth education for active transportation communicate benefits of active transportation safety and infrastructure to support bike accessibility- expand		Day 2 Would like to see happen
Electrified ferries		
explore the benefits/impacts		
fast ferries: useful in coordination with multimodal transportation and non-POV and EV share		Day 2 Would like to see happen
Thoughtful housing/ smart development: housing near jobs		
affordable and accessible by multimodal transportation		
reducing commutes		Day 2 Would like to see happen
update zoning to ensure mixed use zoning		
Supply chain assessment and localization		
electrify shipping		Day 2 Would like to see happen
healthcare supply chain		

Appendix 5. Climate Summit Slide Deck

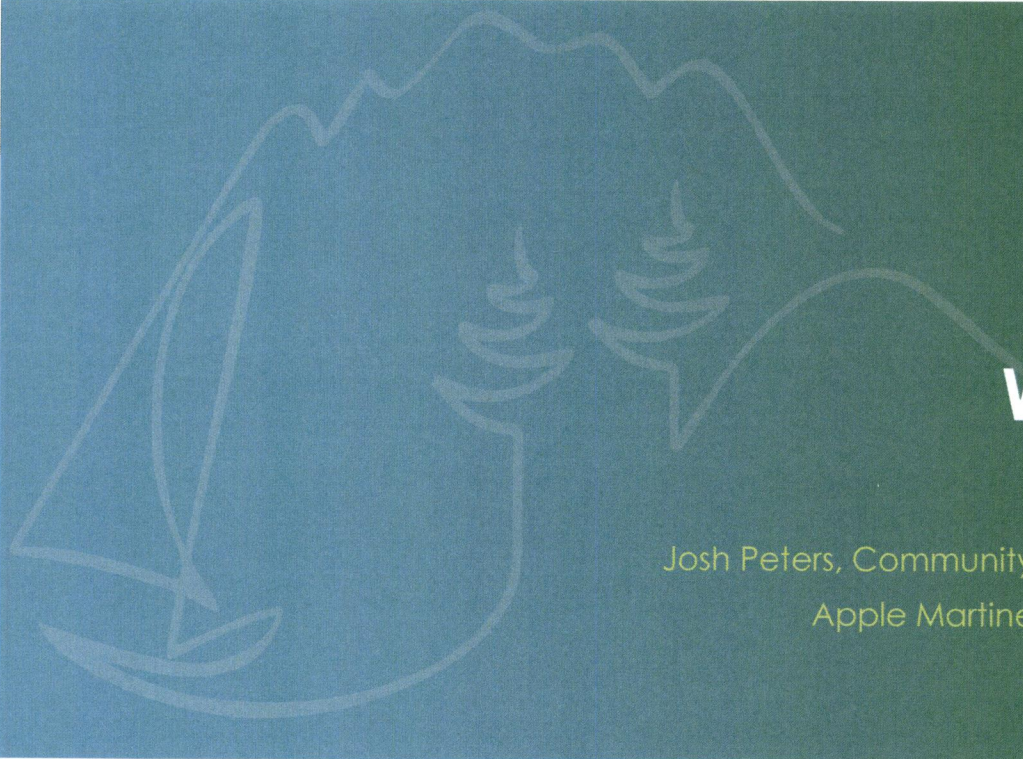
Please find the Climate Summit Slide Deck on the following pages.



Jefferson County Climate Summit



May 2 & 3, 2024, 9am – 12pm
WSU Extension, Port Hadlock

A large, stylized graphic in the background of the slide. It features a dark green mountain range on the right and a lighter blue mountain range on the left. In the center, there are two evergreen trees. The entire graphic is composed of simple, clean lines.

Welcoming remarks

Josh Peters, Community Development Director
Apple Martine, Public Health Director

Introductions





Introductions

Please share:

- Your name
- Your department



We'll have additional discussion time shortly!



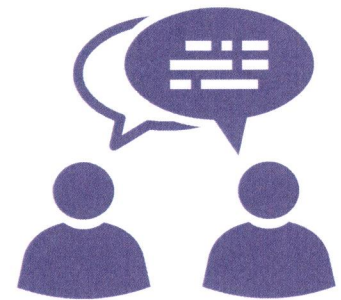
Introductions

Please turn to someone near you that you haven't met yet and share:

- Your name
- Your role within your department

Consider these two prompts:

- Please share one word about **what you love most about Jefferson County**. [one word]
- From your perspective, **what is the biggest climate change or climate related challenge** in Jefferson County? [short answer]





How to use Poll EV

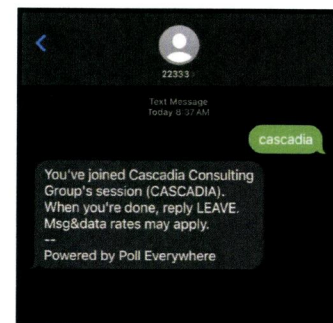
Join Online

- Pollev.com/cascadia



Join by Text

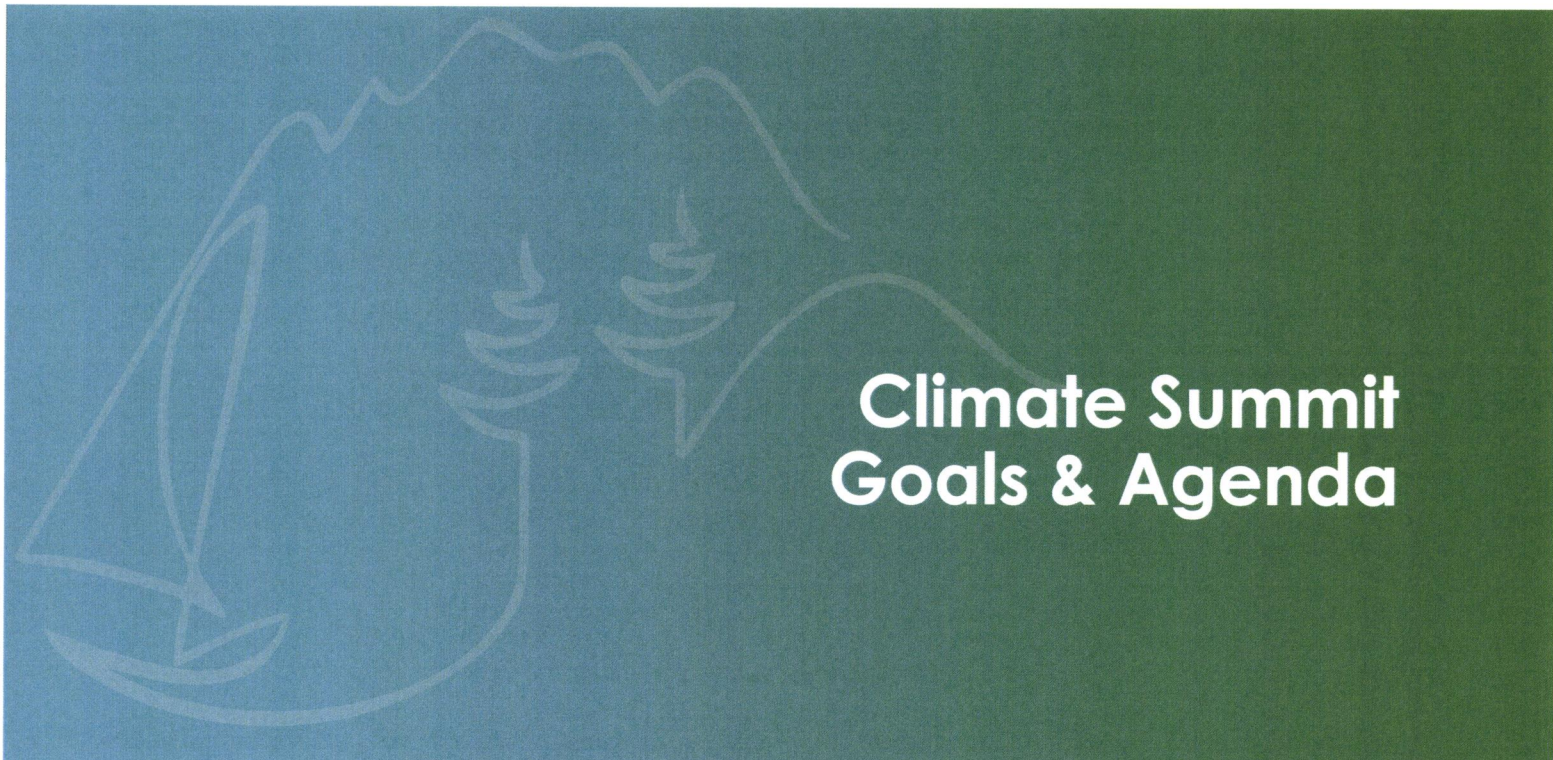
- Send **cascadia** and your message to **22333**





Poll EV Questions -

1. Please share one word about **what you love most about Jefferson County**. [one word]
2. From your perspective, **what is the biggest climate change or climate related challenge** in Jefferson County? [short answer]



Climate Summit Goals & Agenda





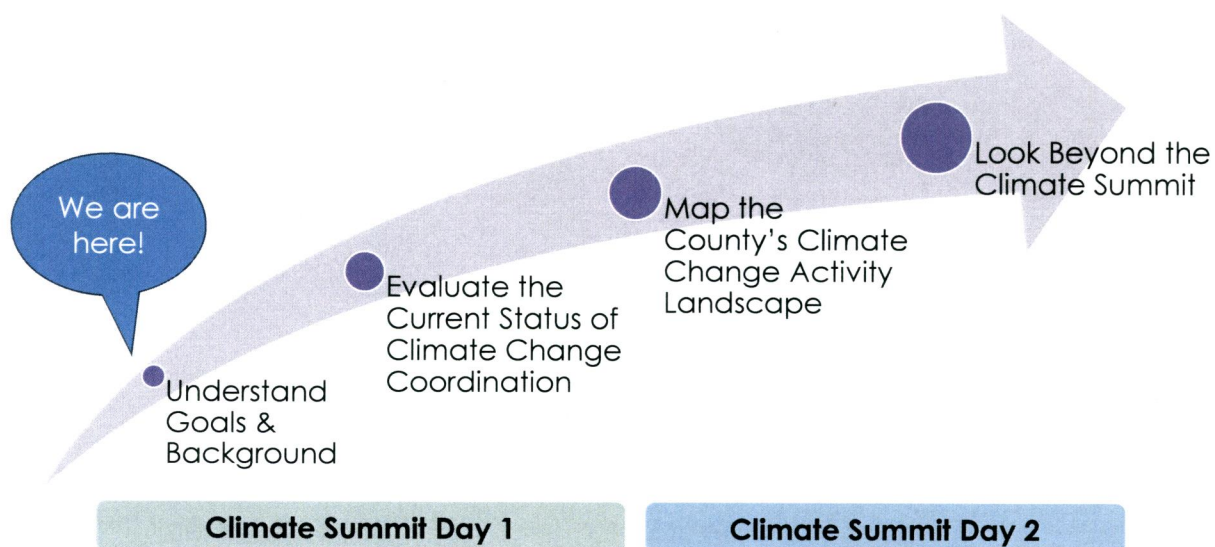
Climate Summit Goals

The Climate Summit will bring together multiple Jefferson County departments to:

1. Better **understand all the climate related projects and initiatives** the County is engaged in (both mandated and voluntary).
2. Identify **synergies and opportunities for cross-County collaboration** on climate change efforts and climate related work.
3. Start to **build a foundation** for the addition of a Climate Resiliency Element to the Comprehensive Plan.

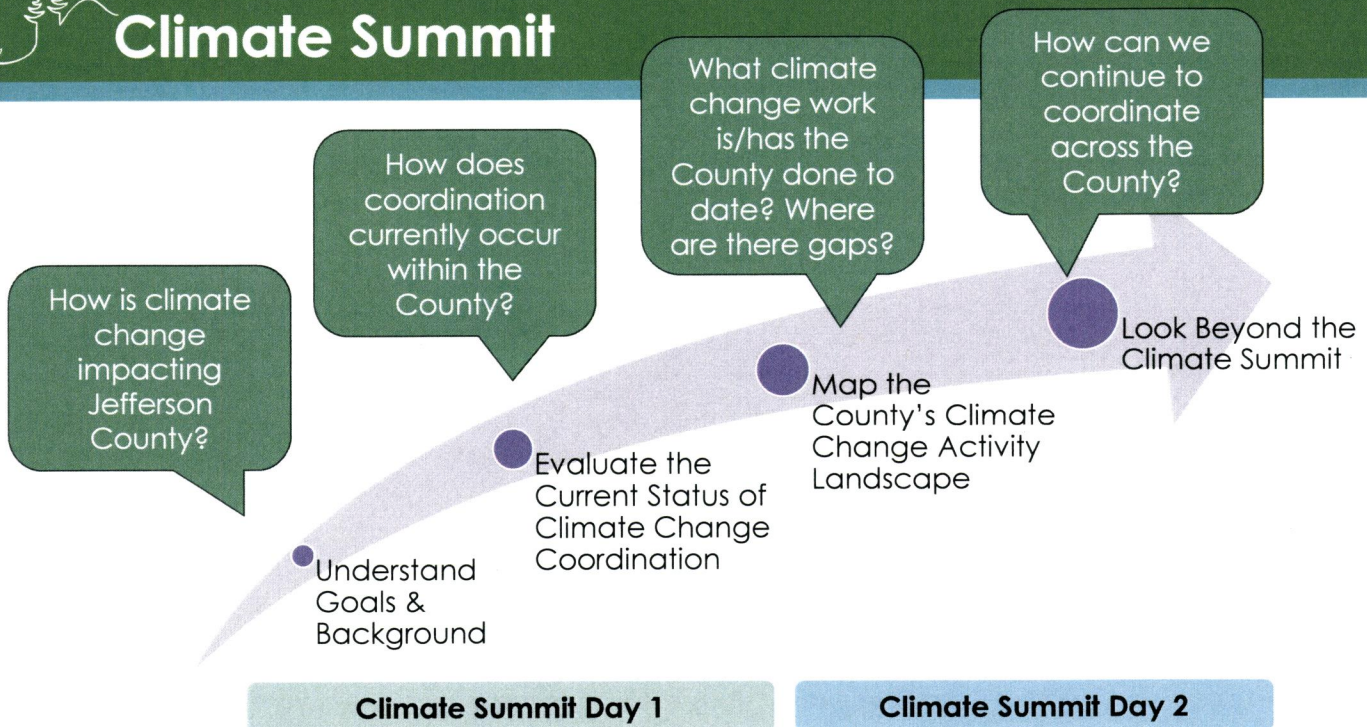


Climate Summit





Climate Summit





Agenda – Day 1

9:00am - Welcome and Introductions

9:20am - Climate Summit Goals and Background

9:50am - Current Status of Jefferson County Climate Change Coordination

10:40am - Stretch Break

10:50am - Mapping the County's Climate Change Activity Landscape

11:45am - Wrap up Day 1 and Prepare for Day 2

12:00pm - Adjourn & Optional Casual Lunch

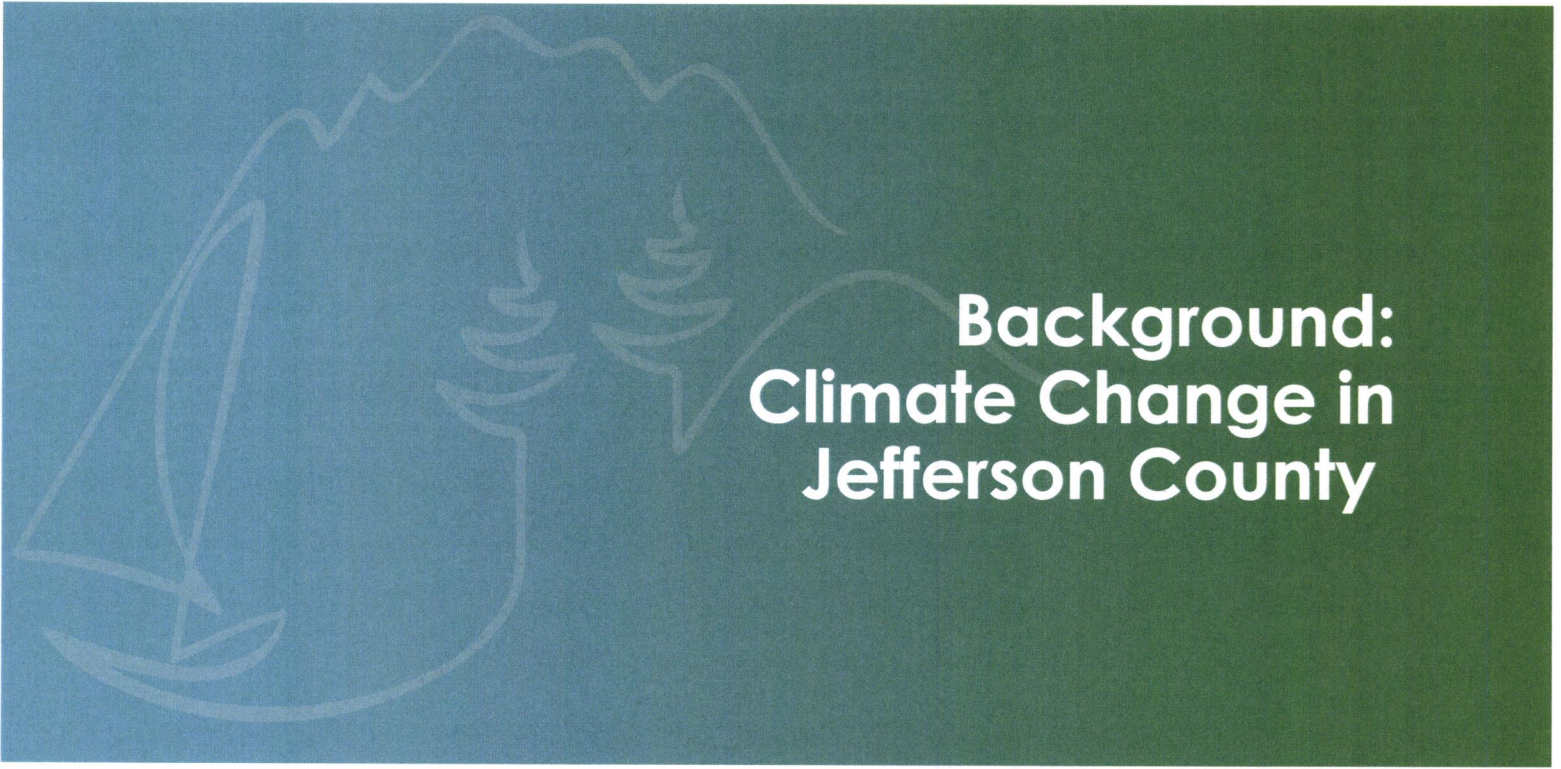




Community agreements

- Be present and stay engaged.
- Be patient.
- Be respectful.
- Speak your truth and be mindful of time.
- Expect and accept non-closure.



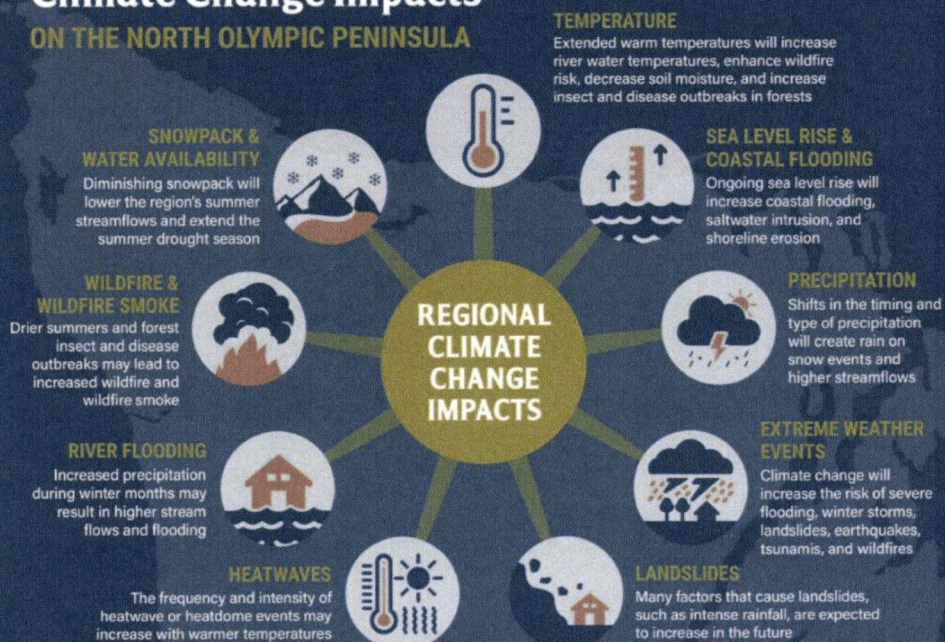


Background: Climate Change in Jefferson County



Climate Change in Jefferson County

Climate Change Impacts ON THE NORTH OLYMPIC PENINSULA





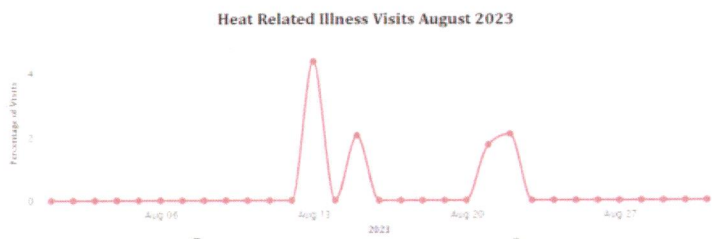
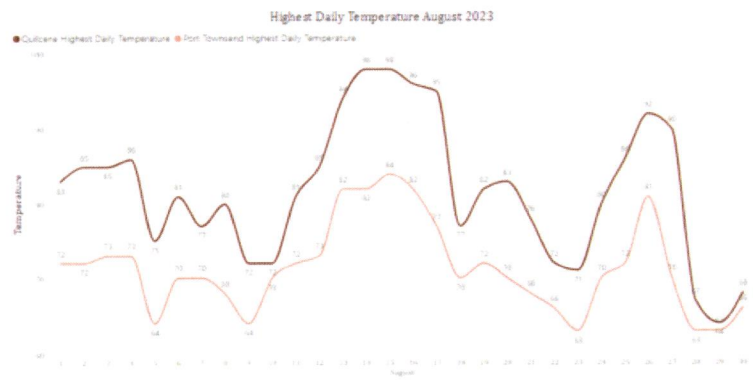
Extreme Heat in Jefferson County

- 2023 was the hottest year on record
- Heat Dome 2021
 - Heat illness, heat fatality
 - Shellfish die off, economic effects
 - West End area hit 118F
- AC is rare in homes and public buildings
- Injuries and illness increase during high heat





Extreme Heat in Jefferson County

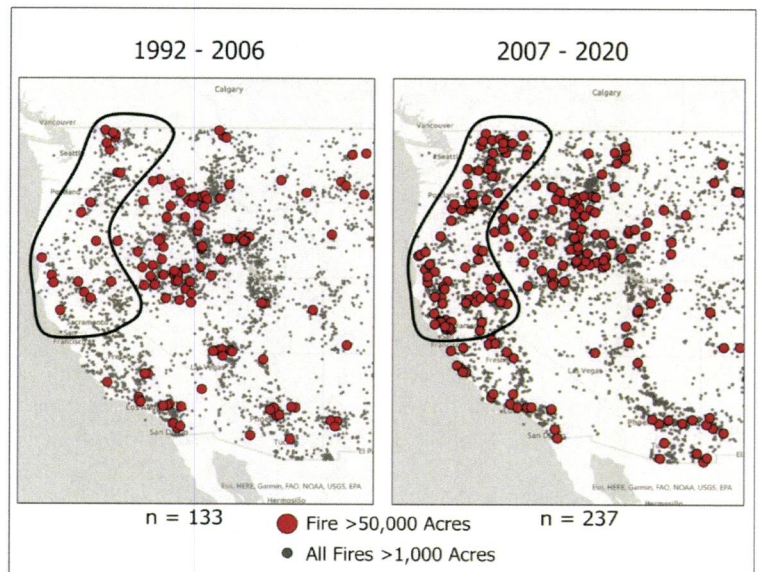


Graph shows August broken down by days of HRI. August 13th 2023 was the highest day of visits and also one of the hottest days in that month.



Wildfires and Smoke

- Increasing wildfires and smoke on the West coast





Sea Level Rise in Jefferson County

Climate Impact (Source: NODC Climate Preparedness Plan 2015*)	2050-2074		2075-2099	
	Jefferson County	Clallam County	Jefferson County	Clallam County
Average monthly max temperature in August	+8°F	+6°F	+10°F	+9°F
Average monthly max temperature in January	+5°F	+6°F	+7°F	+9°F

Change in temperatures are relative to 1950-1999 and use the higher emissions scenario RCP 8.5).



Photo credit: Glenn Gilbert



Other Climate Effects

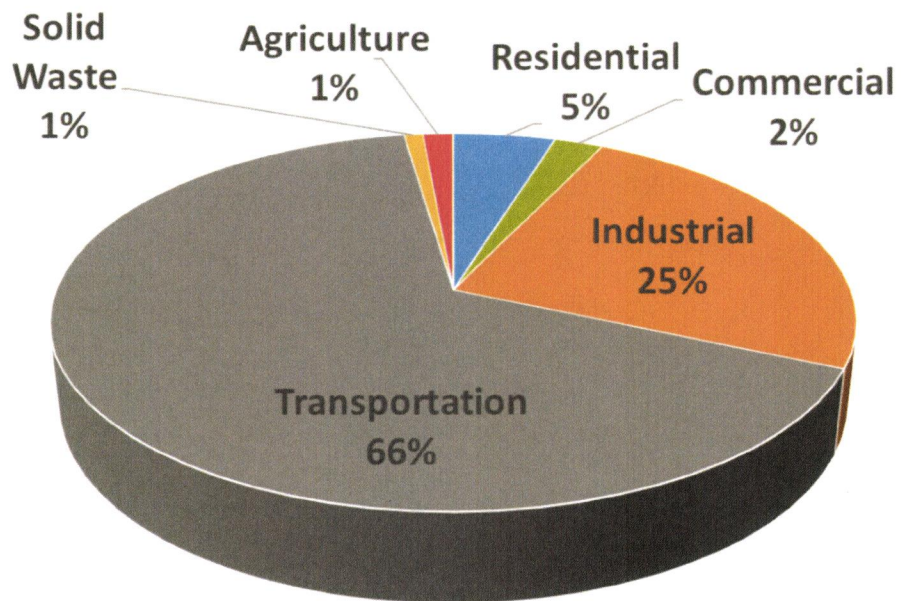
- Precipitation changes
 - Drought and flooding
 - Storm intensity increases and landslides
 - Snowpack and water availability
- Climate migration and population changes
- Disease range change, esp zoonotic
- Water Quality Impacts including harmful algal blooms
- Mental health effects
- Food security
- Increases in allergies and asthma



Emissions

2018 Inventory of Greenhouse Gas Emissions

Produced for Jefferson County by the Climate Action Committee with ICLEI Local Governments for Sustainability, USA

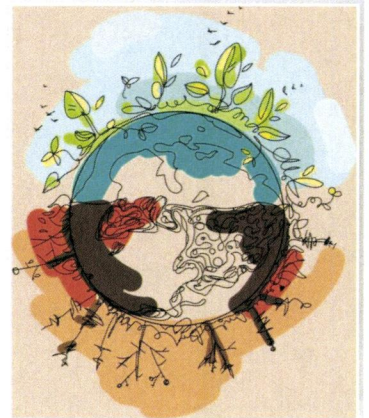


2018



Climate Action Committee Overview

- **The Climate Action Committee is a joint committee of the City of Port Townsend and Jefferson County,** formed in 2008 to implement the City/County Climate Action Plan.
- **The Purpose of the CAC** is to serve as an advisory group to the City of Port Townsend and Jefferson County on climate action policies, programs and priorities.
- **The Climate Action Plan includes** a focus on reducing greenhouse gas emissions, as well as preparing for climate impacts, monitoring progress, and community outreach.
- In the Climate Action Plan, **the city and county adopted a goal of an 80% reduction in greenhouse gas emissions from 1990 levels by the year 2050.**

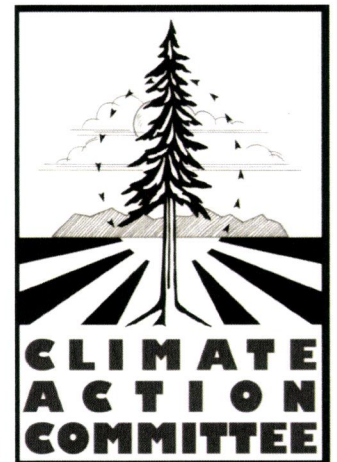




Who is on the Climate Action Committee?

Members:

- BoCC member – Kate Dean
- City Council member – Owen Rowe
- Port of Port Townsend – Carol Hasse
- Jefferson Healthcare – Kees Kolff
- Jefferson Transit – Nicole Gauthier
- PUD – Jeff Randall
- PT Paper Corp. – Michael Clea
- JC Public Health – Laura Tucker
- Citizens at large – Cindy Jayne, Kate Chadwick, Dave Seabrook, Dave Wilkinson, Crystie Kisler, Krista Myers, and Jamie Duyck

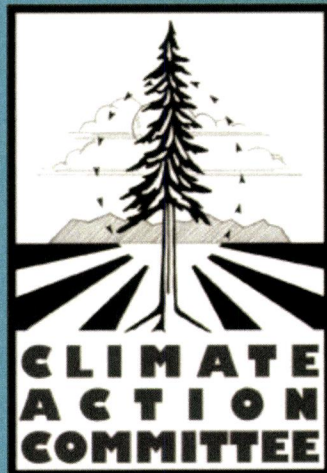




History of the Climate Action Committee

- **2007** - adopted Goal to reduce GHGs by 80% of 1990 levels by 2050
- **2008** - Climate Action Committee Formed
- **2011** - Climate Action Plan
- **2015** - Climate Preparedness Plan
- **2018** – county GHG emissions updated
- **2024** – revised mitigation goals presented to City and County





Climate Action Committee Update

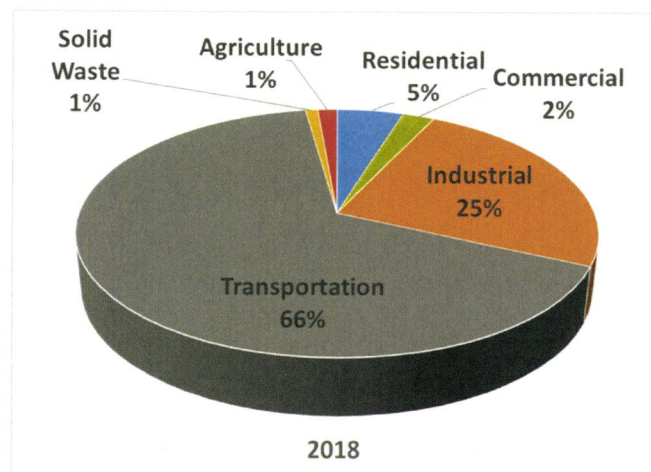
Recommended Mitigation Goals





Proposed Sector Based Emissions Goal

- **By 2030:** Emissions 58.7% below 2018 levels
- **By 2050:** Emissions 95% below 2018 levels





Proposed Sequestration Goal

- **By 2030: a 20% increase above the 2011-2016 baseline** of 1.6 Million Metric Tons of CO₂ /year
- **By 2050: an additional 20% increase** to 2.3 MMTCO₂/year
- **Total of 40% increase above 2011-2016 baseline**





Key Terms



Planning includes any strategic planning occurring within the County.



Mitigation actions work to address the cause of climate change by reducing GHG emissions and carbon footprint and increasing carbon sinks (e.g., transitioning away from fossil fuels by electrifying buildings and expanding tree canopy cover).



Adaptation actions work to address the impacts of climate change by building resilience and preparing the community and natural environment to adapt to the unavoidable impacts of climate change (e.g., providing community cooling centers and air shelters in case of extreme heat, wildfires, and wildfire smoke, preparing for sea level rise, ensuring water security).



Poll EV Questions – climate impacts

1. How do you see climate change affecting your department and the ability to do your work in **the short term**, i.e. day to day operations?
2. How do you see climate change affecting your department and the ability to do your work in **the long term**, i.e. overall department direction?



Poll EV – Vision for Climate Resilience

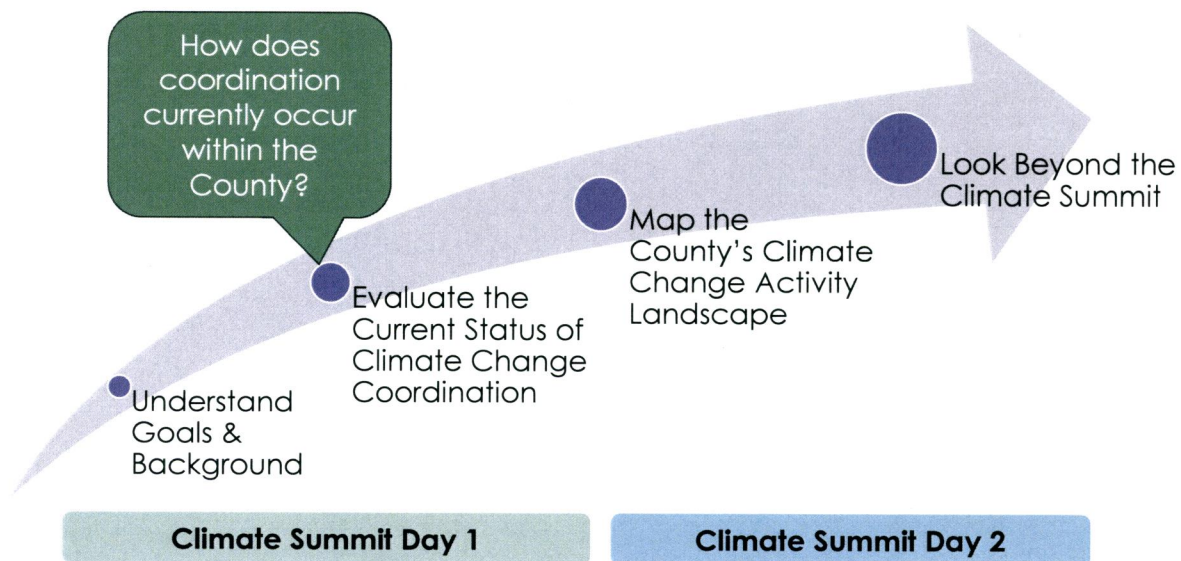
- Please share **one attribute of what you envision** for a climate resilient Jefferson County. [one word]

Current Status of Jefferson County Climate Change Coordination





Climate Summit





SWOT Analysis

Strengths, **W**eaknesses, **O**pportunities & **T**hreats (SWOT) analysis us will help to:

- Identify the **current state and key factors** influencing Jefferson County climate change coordination.
- **Leverage strengths and opportunities** and begin to **address challenges and threats** to the County continuing to advance climate change related-work and projects.





Activity – SWOT Analysis

Quiet reflection
(5 mins)



Gallery walk (20
mins)



Full Group
review and
discussion (15
mins)

Please write your
reflections and ideas
to the SWOT
questions on sticky
notes! *One idea per
sticky note.*

Please bring your sticky notes
to the flipchart in each corner
of the room! Review the ideas
shared by your colleagues
and discuss. Continue to add
sticky notes. *We'll remind you
to rotate to each of the four
corners ~5 mins each*

What stood out to
you? Any reflections?
What's missing?



SWOT Analysis

- What are some **areas or topics** where the County has made progress on climate change?
- What are some of **the County's attributes that might allow for progress** to be made?

Strengths,
Assets &
Resources

Weaknesses
& Challenges

- What has made or will make County progress towards climate change challenging?
- What are some **weaknesses of the current state of County collaboration** on climate change?

- What are some **opportunities** for cross-departmental County synergy on climate projects?
- What could we do to **leverage** County climate change efforts?

Opportunities

Threats

- What could **negatively impact** County progress on climate change?
- What are some things that may **prevent cross-departmental collaboration** on climate projects?



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Activity

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(5 mins)



Gallery walk (20
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Full Group
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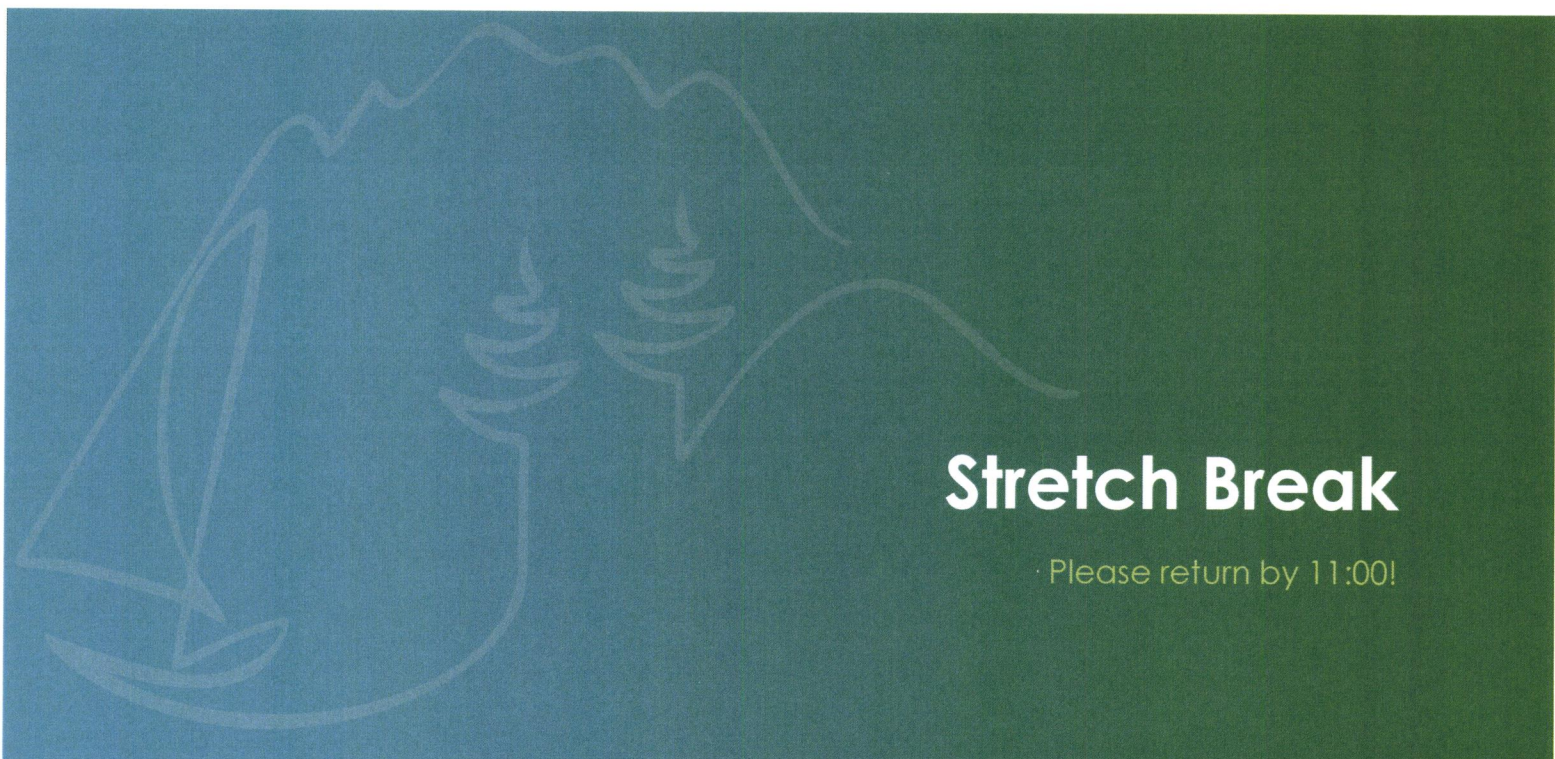
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What's missing?



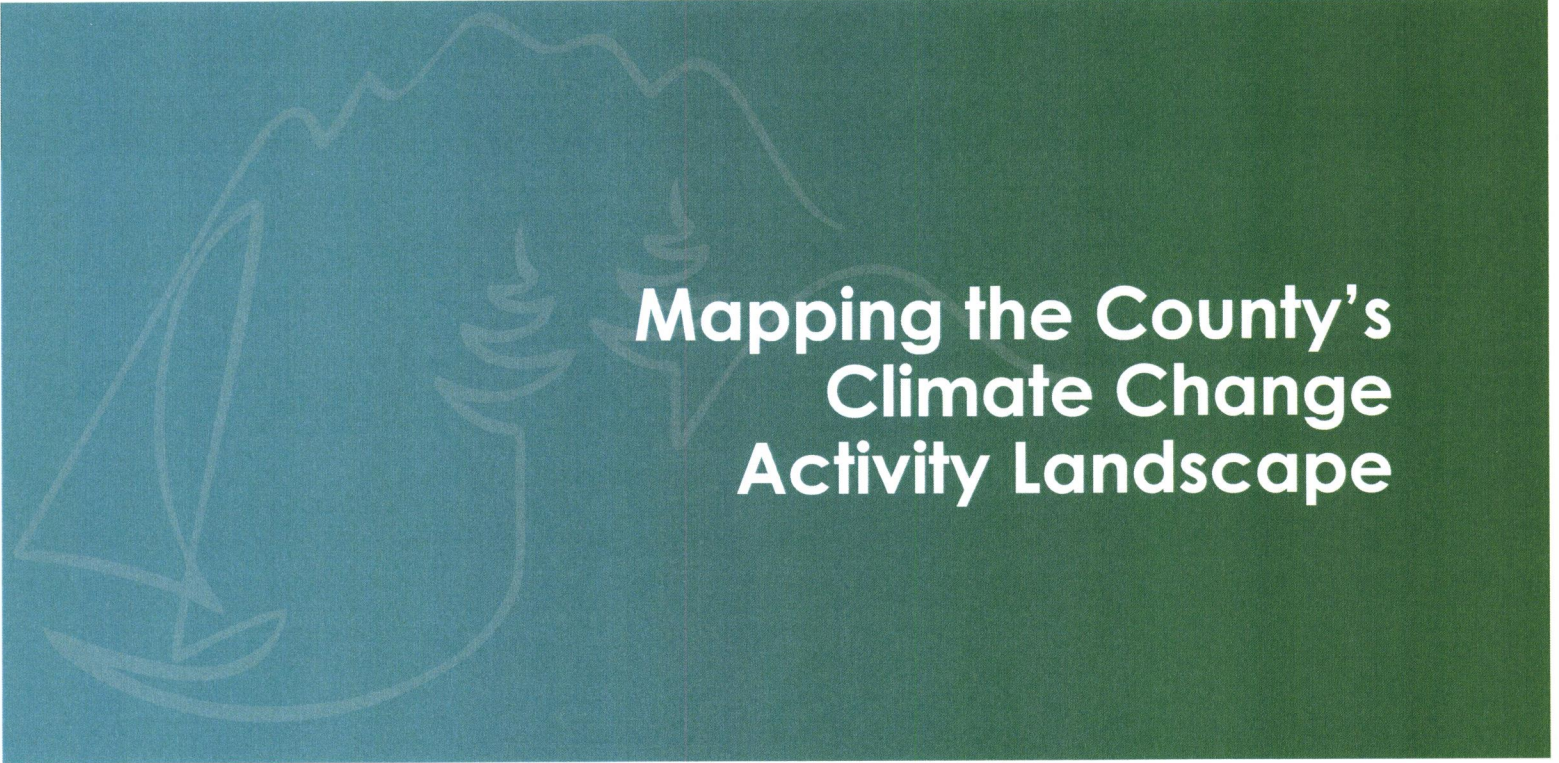
Full Group Discussion

- Any reflections?
- What stood out to you?
- What's missing?



Stretch Break

· Please return by 11:00!



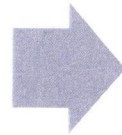
Mapping the County's Climate Change Activity Landscape





Activity

Breakout groups
(30 mins)



Full group
review and
discussion (15
mins)

5 mins of self
reflection
within your
breakout
group!

3 breakout groups:
Mitigation
Adaptation
Planning

What stood out to
you? Any reflections?
What's missing?



Breakout Groups

Group 1 – Adaptation

Kellie Henwood

Brent Butler

Lara Cittadini

Amit Sharma

Heidi Eisenhour

Apple Martine

Lara Gaasland-Tatro

Group 2 – Planning

Emma Erickson

Kay Gaul

Lolinthea Hinkley

Tami Pakorny

Donna Frostholm

Josh Peters

Alexandra Doty

Group 3 – Mitigation

Amanda Christofferson

Denise Banker

Al Cairns

Owen Rowe

George Terry

Pinky Mingo

Taylor Magee



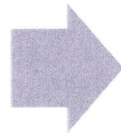
Discussion questions

- How is your department responding to the changing climate (through **planning and adaptation**) in the short term and long term?
- How is your department **mitigating climate change** in the short term and long term?
- Please share the climate-related project/plans/policies you are currently working on, within the category of planning, mitigation, or adaptation.
- For each project, plan, or policy:
 - What is required/mandated? What underlies the requirement/mandate?
 - What is voluntary? What is the motivation for pursuing the activity?
 - What is the scale of the plan, project, or program? Is it short term or long term? Geographic scale?
 - What is funded? What is the funding source? Is funding for this work stable?



Activity

Breakout groups
(30 mins)



Full group
review and
discussion (15
mins)

What stood out to
you? Any reflections?
What's missing?



Full group review & discussion

Report out from each breakout group:

1. Mitigation
2. Adaptation
3. Planning

Questions to consider:

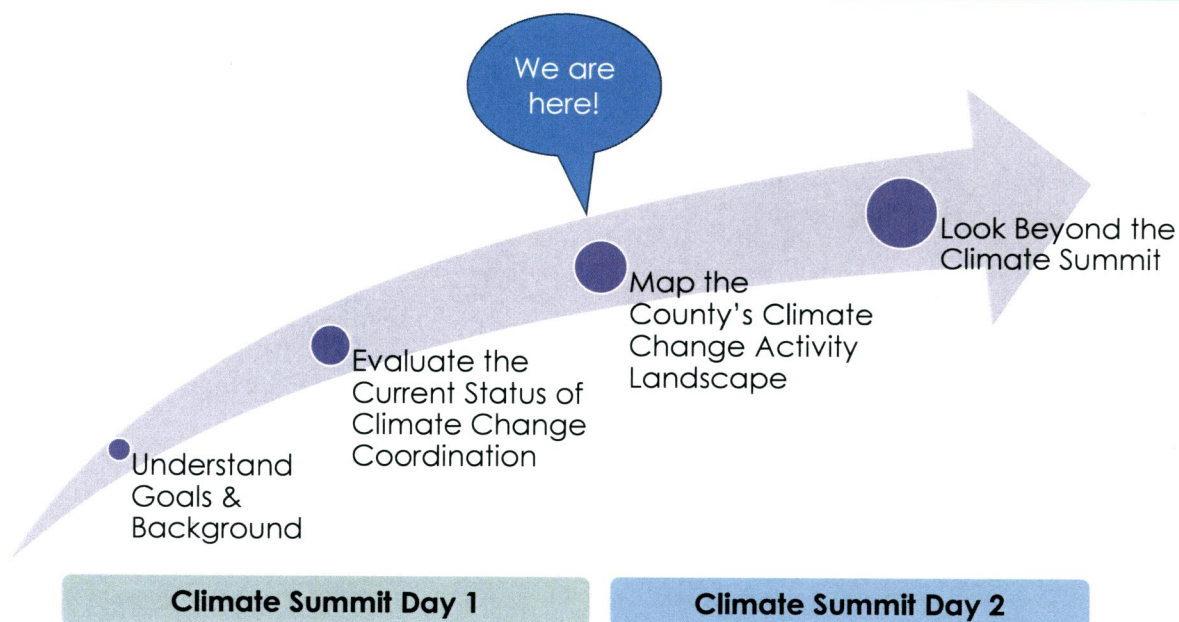
- What stood out? Any reflections?
- What's missing?

Wrap Up Day 1



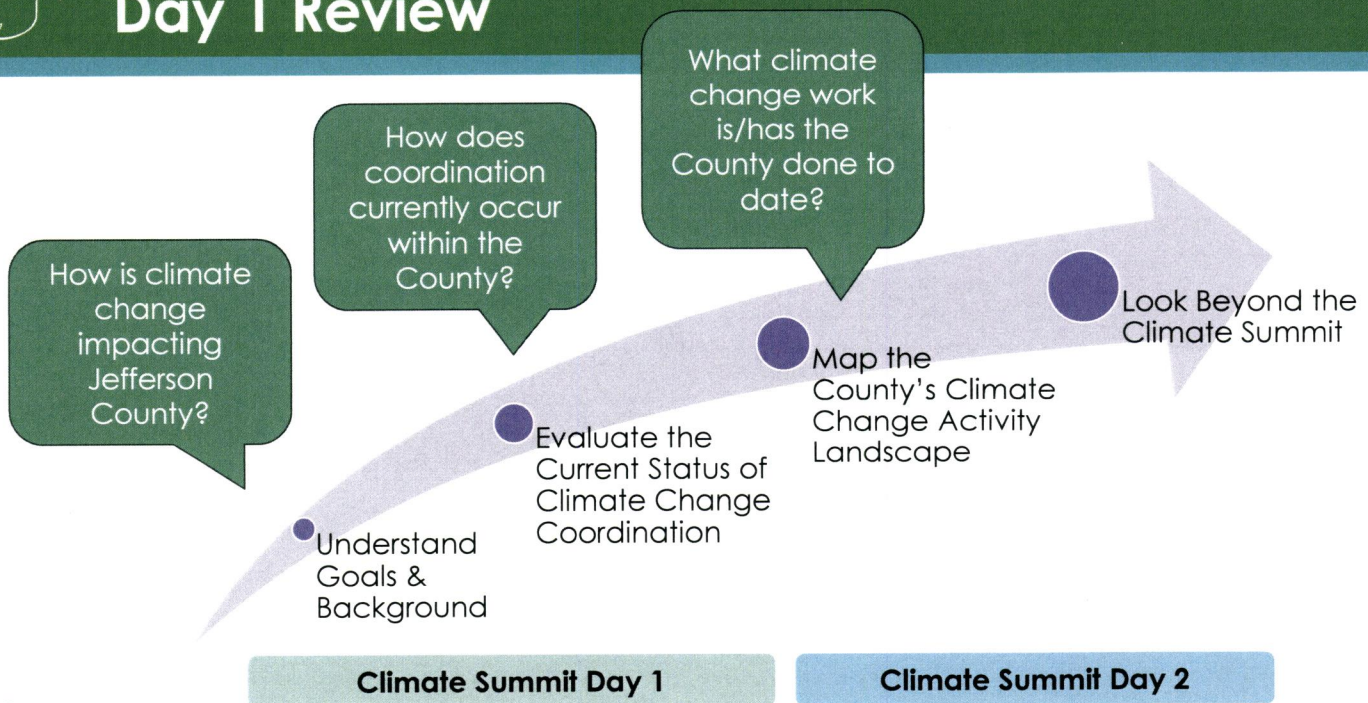


Climate Summit



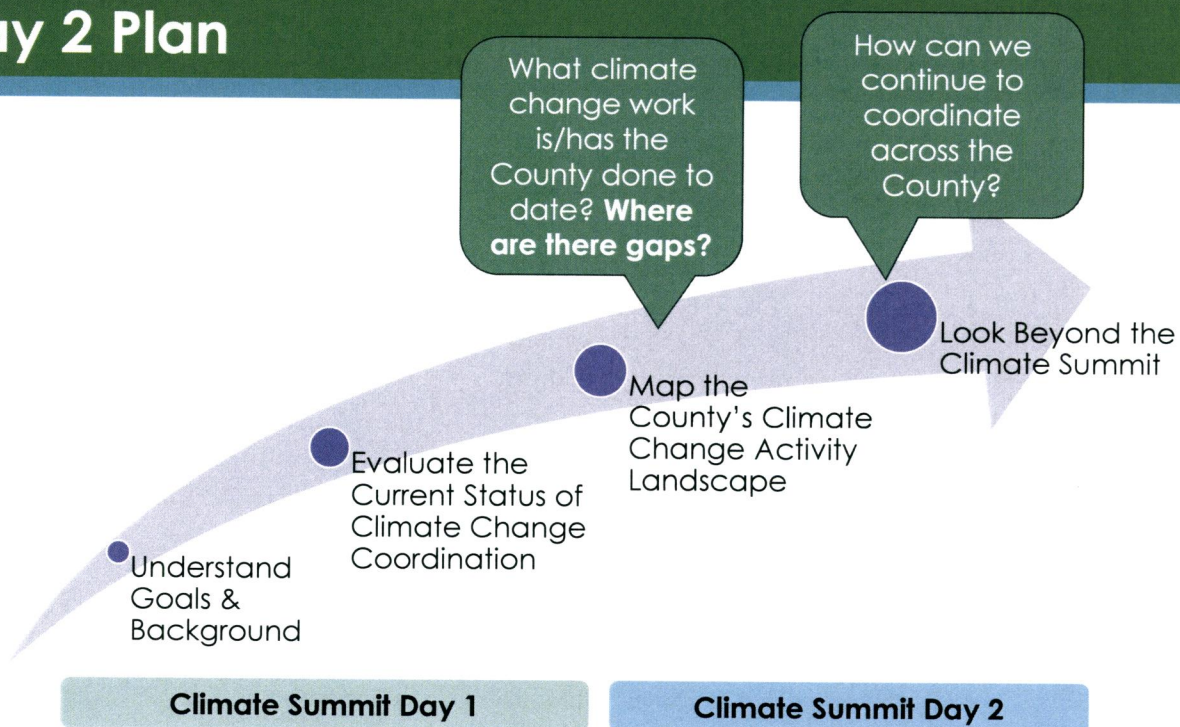


Day 1 Review





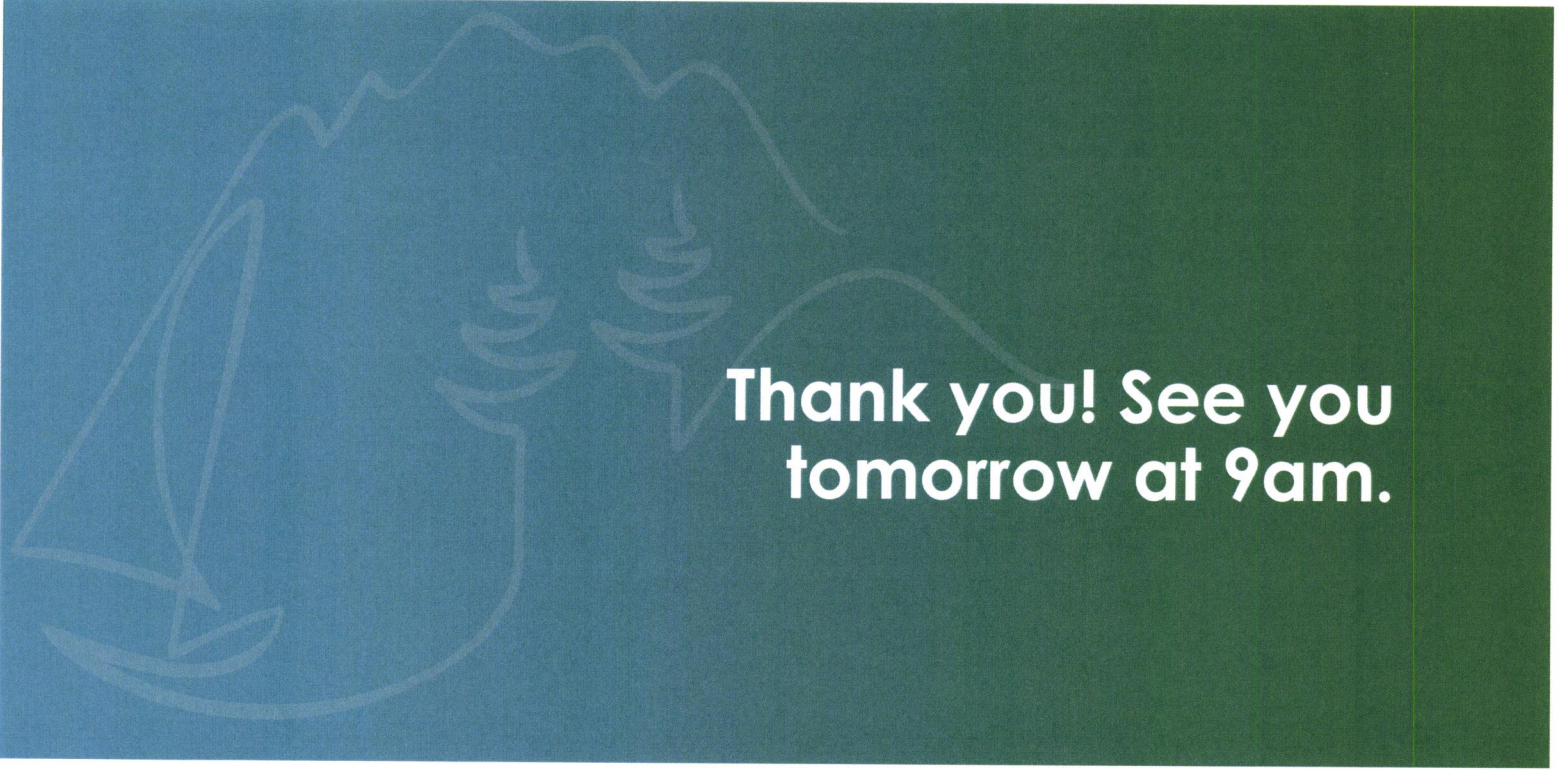
Day 2 Plan





Poll EV Questions – Reflecting on Day 1

1. What stood out to you today as **something the County is doing well on**? [short answer]
2. What is a key opportunity that you see for the County on climate change? [short answer]
3. If you could make **one thing** happen to support Jefferson County's action on climate change, what would that be? [short answer]



**Thank you! See you
tomorrow at 9am.**

Jefferson County Climate Summit



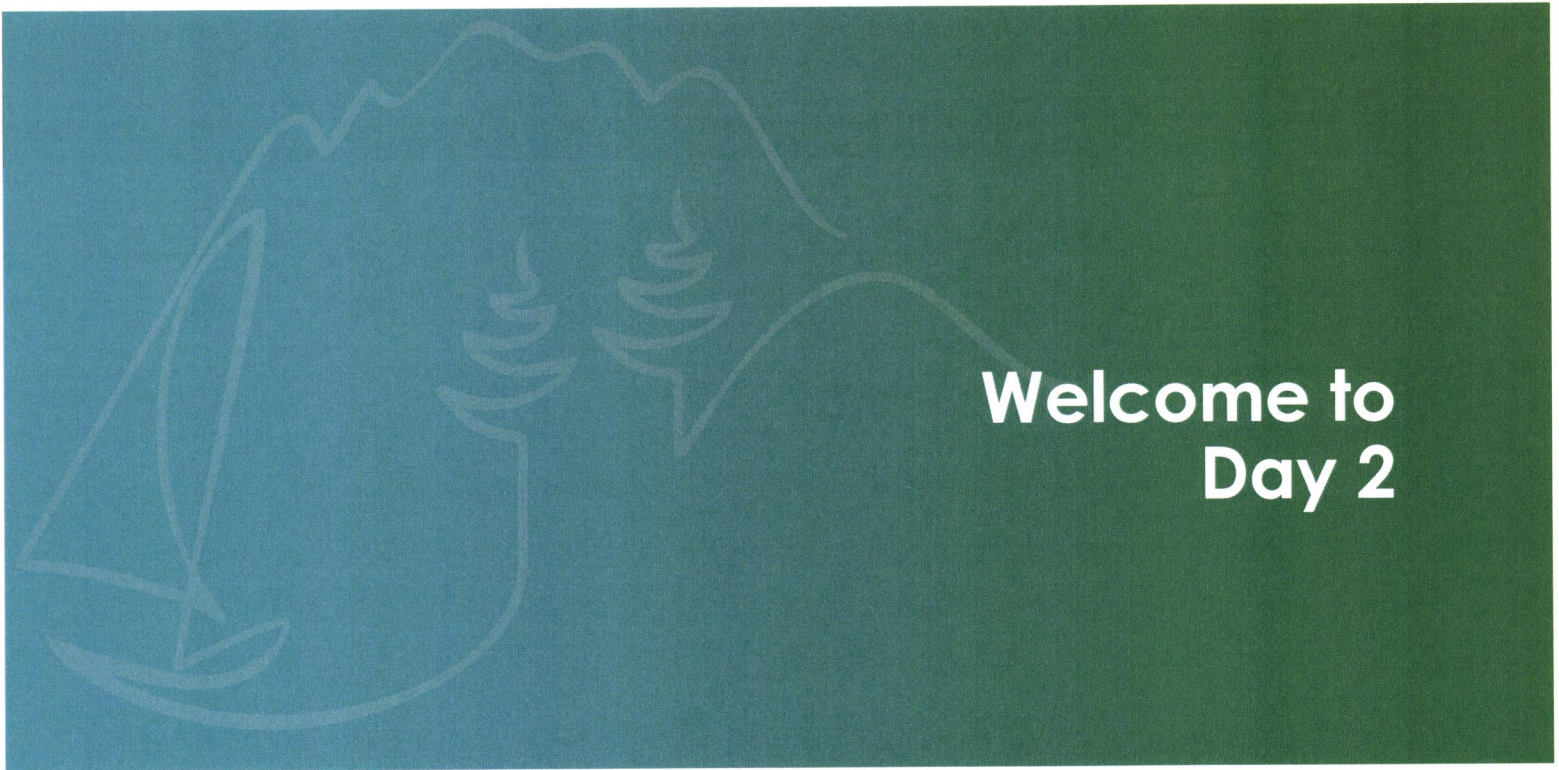
May 2 & 3, 2024

WSU Extension, Port Hadlock



Poll EV Questions – Reflecting on Day 1

1. What is a **key opportunity** that you see for the County on climate change? [short answer]



Welcome to Day 2





Climate Summit Goals

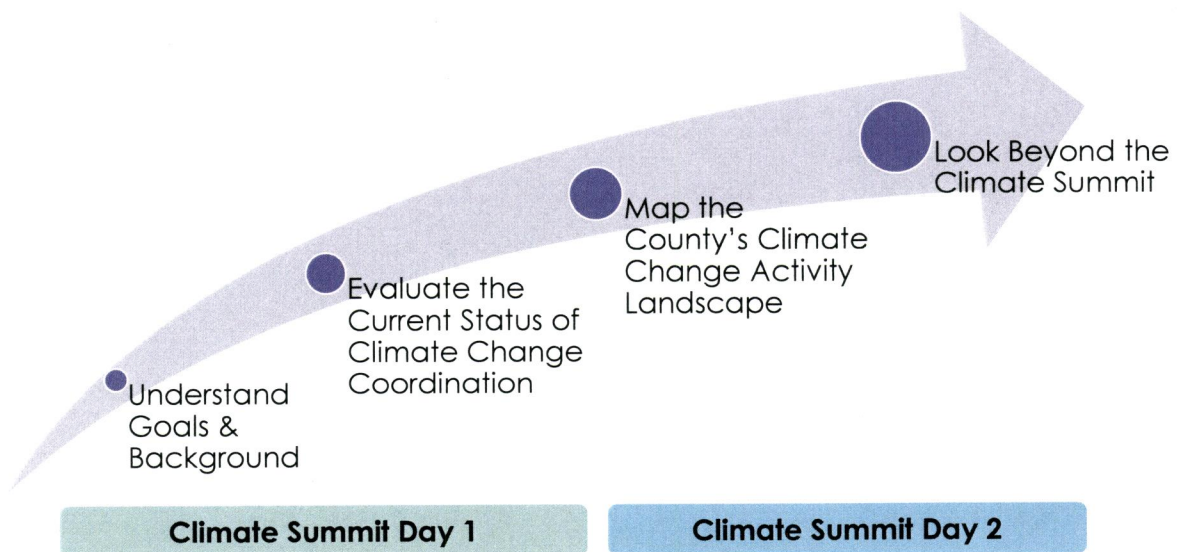
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3. Start to build a foundation to add a Climate Resiliency Element to the Comprehensive Plan.



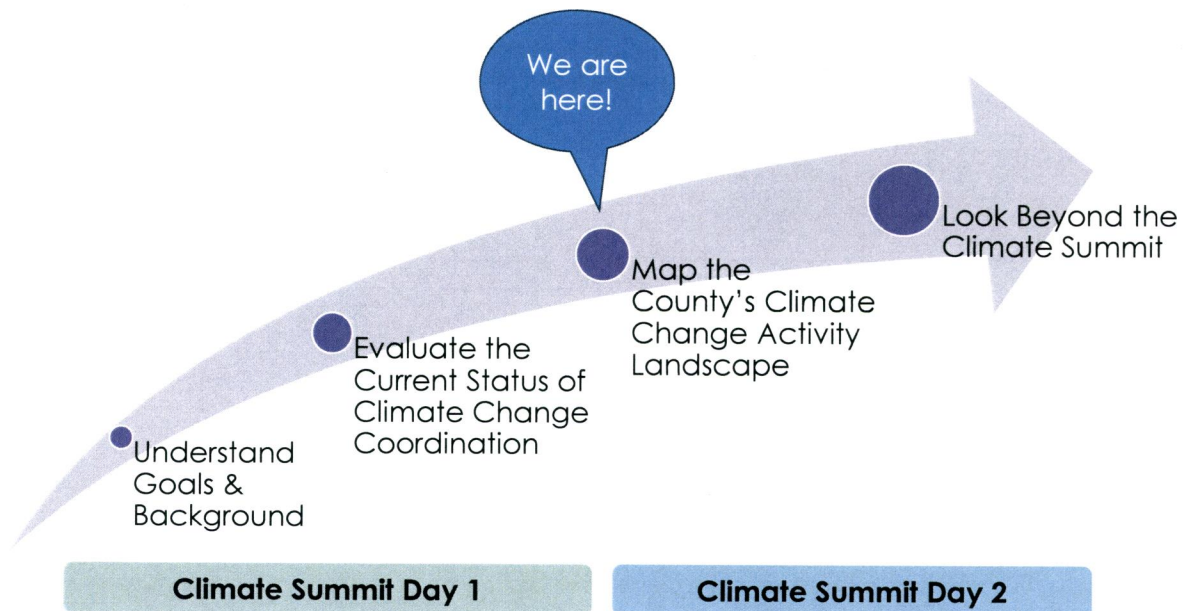


Climate Summit



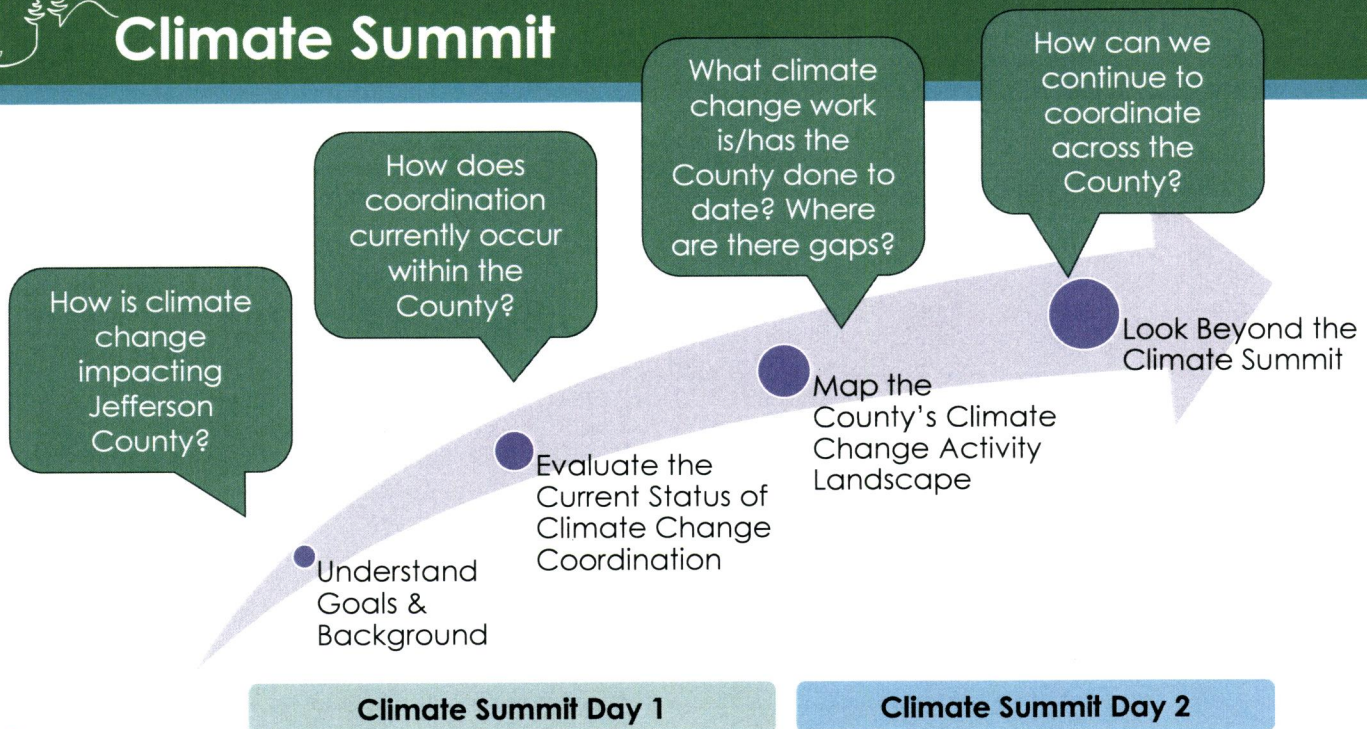


Climate Summit





Climate Summit

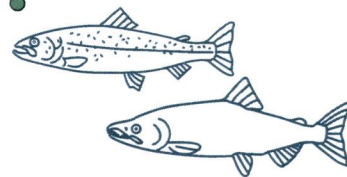




Community agreements

- Be present and stay engaged.
- Be patient.
- Be respectful.
- Speak your truth.
- Expect and accept non-closure.

Please share any
comments,
questions, or
ideas in the **fish
basket!**





Agenda – Day 2

9:00am - Welcome

9:15am - Continue to Map the County's Climate Change Activity Landscape

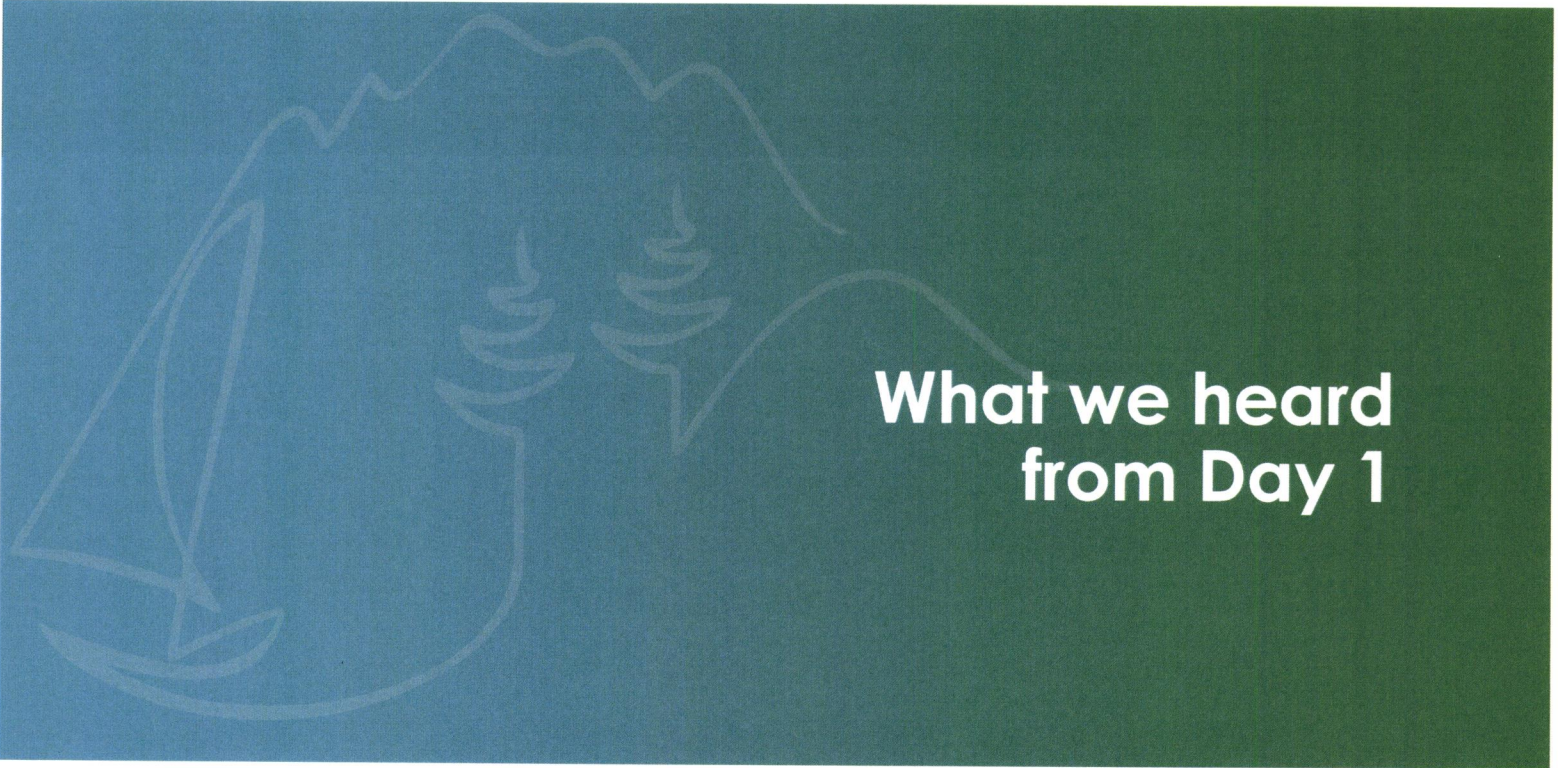
10:30am - Stretch Break

10:40am - Beyond the Climate Summit

11:40am - Closing Remarks and Next Steps

12:00pm - Adjourn & Optional Casual Lunch





What we heard from Day 1



Day 1 Recap - Introductions

Please share one word about what you love most about Jefferson County.

water
community
climate
openmindedness
level
sea
rural
weather
beaches
wilderness
housing
safety
mountains
nature
rise



Day 1 Recap – Vision for Resilience

Please share one attribute of what you envision for a climate resilient Jefferson County.

Word cloud containing the following terms: trees, regenerative, diversification, funding, local, food, shared, security, production, cooperation, vision, shift, nimble, secure, regional, creative, electric, full, efforts, buses, collaborative, well, solutions, peaceful, resourceful, economy, flexibility, young, system, coordinated, approach, sustainable, response, resilient, forestry, collaboration, egos, challenges, culture, and sake.



Day 1 Recap – What stood out to you as something the County doing well on?

Cross collaboration
hinges on
interdepartmental
awareness of shared
work

A lot of departments
are working on
climate

Each department
has already made a
good start

Taking on work
voluntarily. We're
doing the work

Initiation of CAC
almost 20 years ago

Leadership is well
educated about
climate change

Farmers markets,
Food Co-op

Good leadership

Commitment,
Caring, Willingness

Collaboration and
curiosity

Hosting this meeting,
Having meetings like
this!

Systems thinking

Scones!

Chasing grants



Day 1 Recap – If you could make one thing happen to support Jefferson County's action on climate change, what would that be?

Public engagement

Create and staff a climate resiliency office for Jefferson Co.

Leverage the health perspective to amplify existing work and promote shared community buy in/collaboration

Get one person to oversee and coordinate climate work throughout the county

Prioritize list of actions

Putting a structure for ongoing collaboration in place

Continue to engage

Commit to collaboration

Visionary leadership with the courage to make difficult decisions.

Strengthen systems and processes for sharing and collaborating

Commit to hire a coordinator.

Implement a coordinating council to vet grants and projects so there is alignment with goals and a strategy.

Hire additional experienced grant writers

Increase sustainable forestry

Connect urban and rural communities.



SWOT Analysis

- What are some **areas or topics** where the County has made progress on climate change?
- What are some of the **County's attributes that might allow for progress** to be made?

Strengths,
Assets &
Resources

Weaknesses
& Challenges

- What has made or will make County progress towards climate change challenging?
- What are some **weaknesses of the current state of County collaboration** on climate change?

Opportunities

Threats

- What are some **opportunities** for cross-departmental County synergy on climate projects?
- What could we do to **leverage** County climate change efforts?

- What could **negatively impact** County progress on climate change?
- What are some things that may **prevent cross-departmental collaboration** on climate projects?



Strengths

- CO2E is known- we care!
- Sewage local MGMT plan to be updated and will include id'ing septs influenced by SLR
- county fleet migrating to EV
- research
- acquisitions of flood prone properties
- **partnerships**
- **state funding** in climate change and response is flowing to locals
- Funded for EV stations
- regional small farms coordination across 3 counties
- **emergency response organizing around climate related threats**
- naming the problem
- considered economically disadvantaged (an asset) and of risk for health impacts EPA
- **small county willingness to collaborate**
- currently have abundance of water
- willingness to work together
- smart, problem solvers
- **tribes and treaty rights**
- **growing awareness of justice and equity**
- nice people who care!
- everyone wears multiple hats- awareness/involvement in many projects

- **Passionate people with climate planning skills**
- Smart people in this town
- lots of \$\$ from state and federal government for climate work
- **great CAC activities and NODC planning analysis to draw** from
- County has taken advantage of grant opportunities to increase awareness o issue and possible solutions
- sincere **stories to share**- MRC, Olympic oysters, raingardens
- Share values, engaged public (highest voter turnout in state behind SJC)
- general acceptance of CC and that action is needed
- **small and reasonably well funded**
- CAC
- local 20/20 climate outreach group
- forests
- Ocean mitigated temps
- Cooling shelters established
- dedicated employees to address
- board of health prioritizing climate and health
- dense network of **relationships** with people in Jefferson County
- sense of community
- importance of peat soils





Weaknesses

- need cohesion on level of urgency
- funding
- lack of time to collab
- lack of coordination and strategy creates stress
- limited coordination
- Disconnect on economic development and climate
- wealthy/white flight (climate refugees)
- insufficient county funds/staff
- **Political will**
- Economic forces
- team is already at or over capacity. Hard to add new things in
- inter-departmental discussions are not currently happening
- staffing levels limit collaboration
- capacity
- funding
- vision
- **need more funding for climate response**
- coordination and collaboration
- sloped thinking
- territoriality with departments
- lack of direction
- **stuck habits**
- funding prioritization
- Folks don't feel listened to- invite county residents to share and listen

(South county)



- climate related info and county climate work has mushroomed- hard to stay up on everything going on
- No MGMT level position to oversee and guide county collaboration. Someone should be tasked with ensuring progress in developing and implementing goals and policies
- county lacks leadership in climate space
- NIMBY
- perpetuated eyerolling about engaging this work
- people living in areas of projected SLR and flooding
- existing development (septic systems, water wells, homes, businesses) in lowlands/ areas affected by flooding
- delayed effects of CC. we're not CA, TX, or FL
- **external (even global) factors overwhelming for 'small' county (in terms of population)**
- convincing people that where they currently live can be impacted by climate
- Incremental response increasingly inadequate
- effectively addressing transportation
- need to localize supply chains and industry
- Industry- reduce transport NODC
- geographically large and rural landscape
- lack of direct ferry from SEA to PT
- transportation emissions
- tourism transport challenges
- land use and sprawl
- **existing workload**



Opportunities

- Identify and implement "just in case" scenarios on the landscape
- Identify and prioritize grants and funding in alignment with a coordinated strategy
- we could have an advisory board for making decisions about projects
- coordination on response to development influence by SLR
- presenting CC as health issue can increase community buy-in
- coordination across committees with existing climate intersection
- empty buses and increasing electric buses
- unprecedented funding availability
- coordinated water system plan (CWSP) update could include identifying water security in the county
- increased communication and collaboration
- viewing CC as something that will impact us all
- **within and across departments- leverage that climate is and requires coordination**
- in cooperating public and personal health in CC. paradigm shift
- collaboration with other agencies
- not just cross-department, should bring in City
- coordination committee
- **effective coordinated communication**
- better marketing coordinated to inform public (e.g. on actions required by gov.)
- seek ways to bring people into the conversation- leverage things like food security, fire, etc.
- leveraging all educational and engagement opportunities
- existing work from other counties/states/ around the world
- aligning goals and resources with other departments. Coordinate planning and action
- tailoring key messages: human/public health, hazards impacting JC, food security
- incorporating health literacy and human health into various projects
- **leverage community resources**
- **leverage technology or common platform for information sharing**
- leverage existing groups: Strait Ecosystem recovery network (ERN), Hood Canal Coordination council, CAC, North Olympic Development Council (NODC)
- Previous history of collaborations: NODC, Water Resource Inventory Area (WRIA) 16 and 17
- Leverage state agencies, fed, tribes
- we haven't grown 'out of control' yet, so opportunity to plan wisely for future

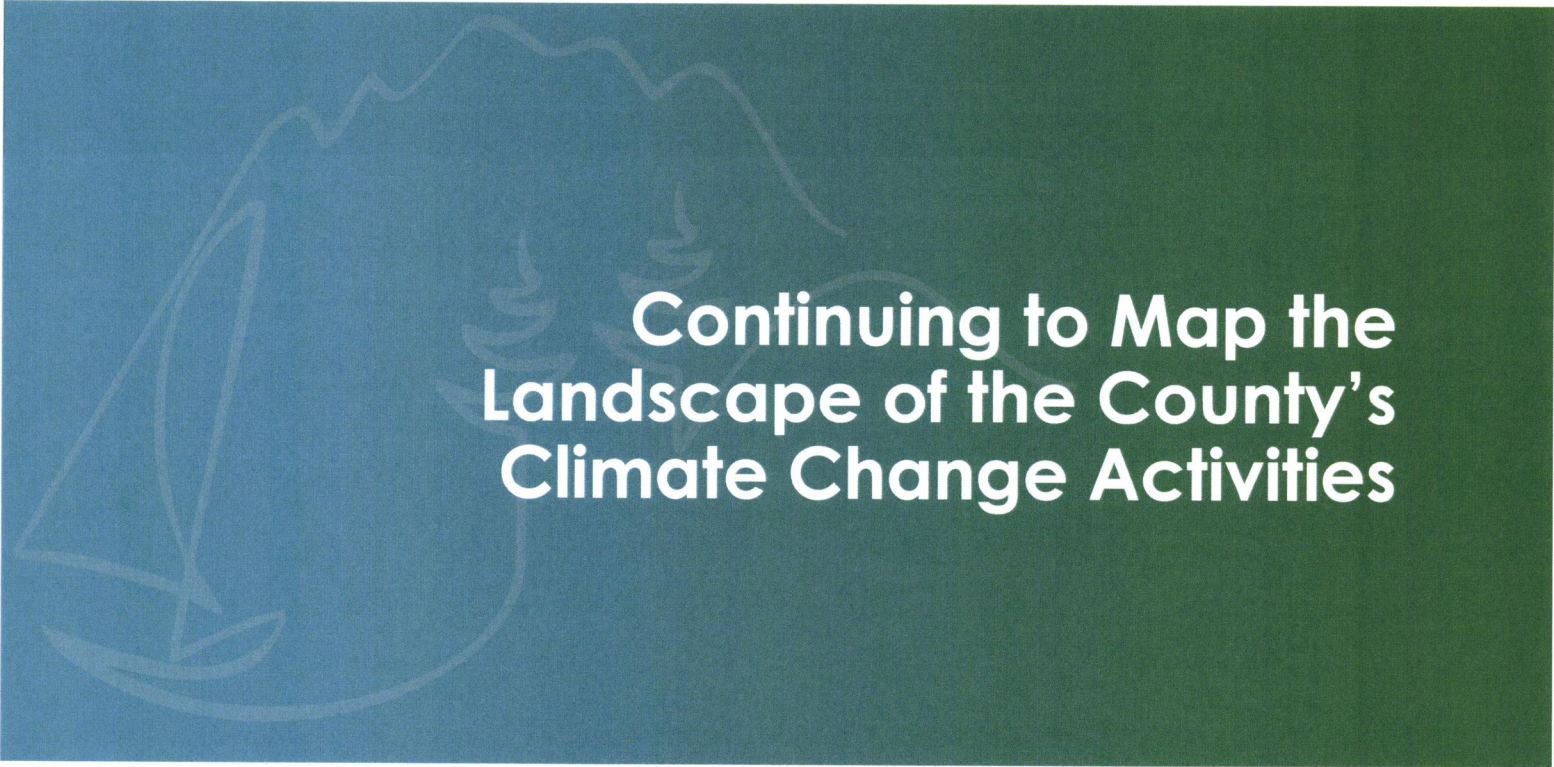




Threats

- **paralysis and inability to take action**
- climate response is **politicized across departments**
- **denial, fear**
- polarizing language related to CC conversations
- counter threats with listening
- wealthy/white flight (climate refugees)
- clustering of like minded individuals
- lack of departmental funds/staff
- financing/ budget competition
- poor use of resources, financial and otherwise
- employee burnout
- **lack of funding**
- **lack of transparency**
- small county continuing with big day-to-day work while climate change issues push on us to handle them
- public attitudes towards climate change
- egos
- funding
- polarizing
- sectarianism
- capacity
- funding
- pre-existing land use
- food security
- lack of high level structure for coordination
- county funding is insufficient- funds are needed to start taking action now
- **time constraints**
- **lack of resources**
- doubling down to re-enforce existing systems- unsustainable
- Peat soils: prone to wildfire, used for food growth
- emergencies/disasters happen before we can prepare
- transportation patterns and other 'creature comforts' we're used to are hard to alter or give up
- paralysis- feeling overwhelmed
- pollination changes that can impact food security
- threat to shellfish industry
- people don't like being told what to do
- saviorism vs. co-liberation theory
- Not recognizing CC and it's impacts as a priority





Continuing to Map the Landscape of the County's Climate Change Activities



What we heard from Day 1

- 90 items generated!



Climate Reports and References

1. 2011 Port Townsend/Jefferson County Climate Action Plan
2. 2015 North Olympic Development Council (NODC) Climate Preparedness Plan for the North Olympic Peninsula
3. 2017 Port Townsend/Jefferson County Hazard Mitigation Plan (update in process)
4. 2018 Jefferson Co. Inventory of Greenhouse Gas Emissions (CAC)
5. 2022 North Olympic Development Council (NODC) Climate Action Toolkit
6. 2022 City of PT Sea Level Rise Assessment (City of PT)
7. 2023 Jefferson County Sea Level Rise Study
8. 2023 Community Wildfire Protection Plan (preparation in process)



Activity

Review and
discuss planning
(20 mins)



Review and
discuss
mitigation (20
mins)



Review and
discuss
adaptation (20
mins)



Discussion questions

Of the “Day 1” list...

- What stood out to you? Any reflections?
- Where are there gaps? What are we missing of things that the County is already?

Looking to the future...

- What would you like to see happen?
- Anything the County is not currently doing that you want to recommend for climate action or climate related work?



Key Terms



Planning includes any strategic planning occurring within the County.



Mitigation actions work to address the cause of climate change by reducing GHG emissions and carbon footprint and increasing carbon sinks (e.g., transitioning away from fossil fuels by electrifying buildings and expanding tree canopy cover).



Adaptation actions work to address the impacts of climate change by building resilience and preparing the community and natural environment to adapt to the unavoidable impacts of climate change (e.g., providing community cooling centers and air shelters in case of extreme heat, wildfires, and wildfire smoke, preparing for sea level rise, ensuring water security).



Planning

Voluntary

- Preparation of sea level rise study
- Climate and Environmental Assessment - related to community health and community health improvement plan
- County Strategic Plan
- Offered PPE to Farmers to help in smoke season - how do we continue to support
- Working with public health on youth and mental health (+ DEI)
- Climate Action Plan (Climate Action Committee)
- Climate Preparedness Plan (NODC)
- Community Wildfire Protection Plan ('defensible space' for new construction)
- Siting of energy facilities including solar, wind, tidal/wave energy

Mandated

- County Comprehensive Plan (per GMA) including new resiliency element
- Water Resource Inventory Area 17 (WRIA 17) (Instream Flow Rule) - groundwater usage regulations from ECY
- Local Sewage Management Plan
- WSU Extension is working on a Strategic Planning process (at the intersection of WSU and JC)
- Coordinated Water System Plan (WSP) - county, city, PUD, other water purveyors
- Transportation => planning, concurrency, improvement program (i.e. projects)
- Development regulations (adopting and implementing) - 'critical areas' protection included
- Open space acquisition planning input
- Floodplain mgmt - FEMA National Flood Insurance Program, etc.

Both

- Building codes - energy efficiency (mandated); 'LEED' Status, C-PACER, fire protection (voluntary)
- Marine Resources Committee - education/outreach/engagement planning
- Watershed/floodplain/fish habitat planning + equity; treaty rights and health aspects
- Food Systems planning - farmland protection, food security, local economic development





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Adaptation

Mandated

- Tracking emerging infectious diseases as a result of climate changes
- Port Hadlock Wastewater Treatment System
- DEM's NPREP (partnership with local 20/20) to organize neighborhoods and conduct disaster prep outreach to inform the general public
- Incident Management Team (IMT) at DEM meets monthly and prioritizes climate change and emergency response

Additional adaptation items/sources to explore

- Sustainable forestry work
- Conservation district work
- Land trust work
- NW Watershed Institute work
- Create a climate office
- Clear communication about sea level rise projections and anticipated impacts
- Jobs and housing match - adapt replacement housing
- Green teams' for each county extension office





Adaptation

Voluntary

- Department of Health Foundational Public Health Services Climate and Health Model Program
- Legislatively assigned statewide foundational PH funding
- Extreme Weather Sheltering - smoke, heat, storms
- Health sector infrastructure resilience + adaptation
- Heat/Smoke Education Foundational Public Health funding
- Clean air/cooling shelter network building b/w
- JCPH Heat and Smoke response nexus
- JCPH Heat Response Plan
- Better communication about cooling centers
- Promoting and distributing PPE, DIY Box Fans, air conditioners/scrubbers to the public
- Teaching schools, parents, and elderly about heat related illness + respiratory impacts
- Health literacy education re: climate + health - policy and citizen level

Voluntary

- Departmental Safety Committee & plans for staff health in the building and in the field
- Healthcare workforce education/engagement
- Emergency response planning for high/risk + medically fragile groups
- JCPH Flooding Impact Risk Analysis
- JCPH Harmful Algae Bloom (HAB) response
- C-PACER - Building resilience into existing and new ag, multifamily, industrial, commercial properties
- Implementing Comprehensive Flood Hazard Management Plans => 3 plans
- Dosewallips River Project (floodplains by design)
- Climate forward' assessment and planning process piloted across 2 counties
- Integrating climate change education into programs (small farms, water education)
- DEM doing FEWsion (Food, Energy, Water) analysis to reexamine supply chain + resiliency for our communities





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Mitigation

Voluntary

- Program GHG emission reduction
- County forest program
- Lead home composting classes to reduce about 650 lbs/ year from our landfill
- Jefferson and Clallam County partnerships for grant funds to hire a waste reduction consultant; info to be used in future grants
- Dedicating staff to address and organize, collaborate, grow our ability to mitigate and respond
- Electric vehicle car charging infrastructure for workplace and individual users around the county
- Applying for community change grants from EPA to create resilience hubs

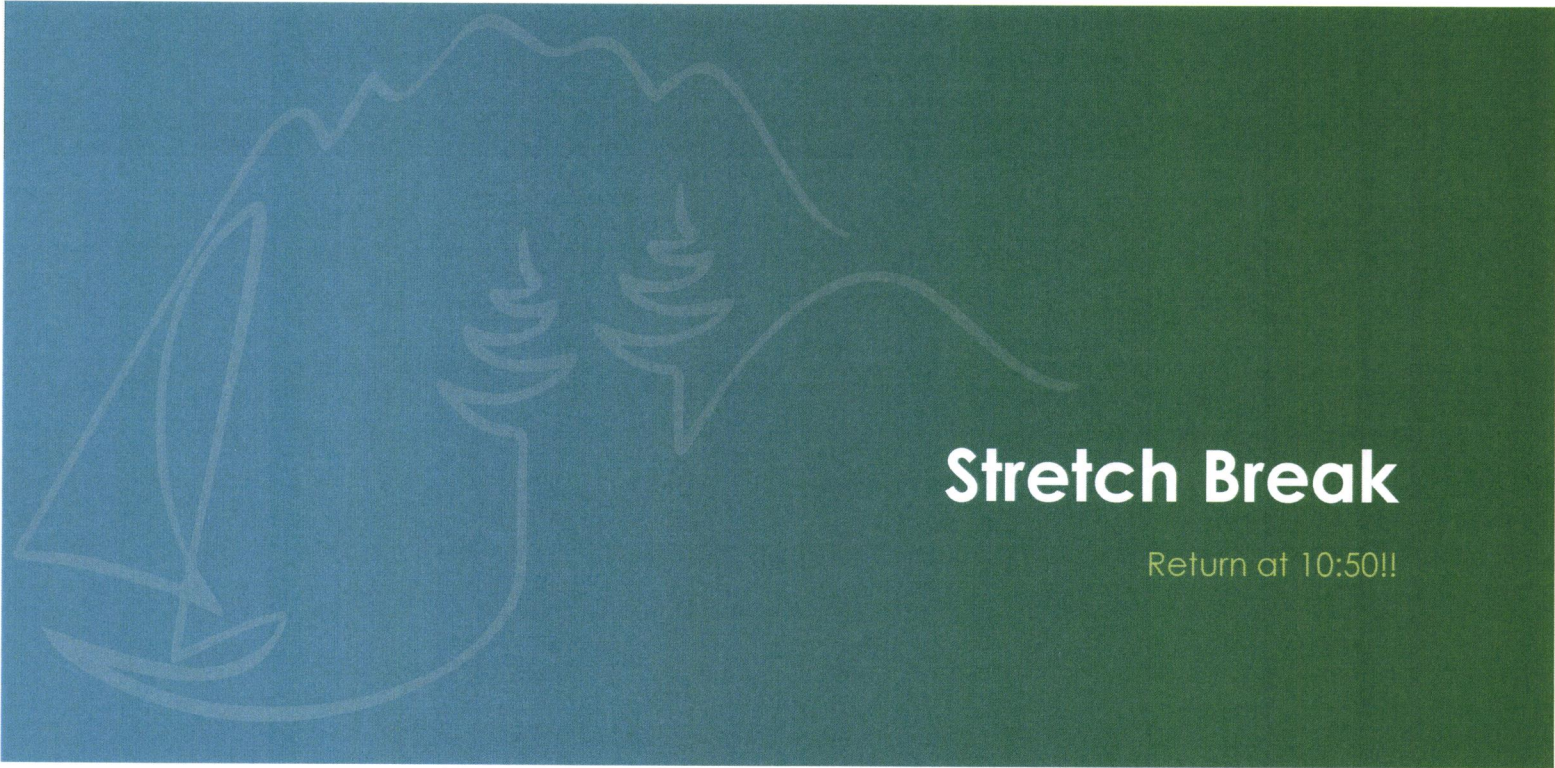
Mandated

- Conservation Futures funding for mitigation and adaptation of south county property with a focus on salmon health (flooding, septic systems)
- Critical Areas Ordinances

Both

- Waste (resource) reduction
- Transportation Implementation Plan (TIP)
- Noxious weed control

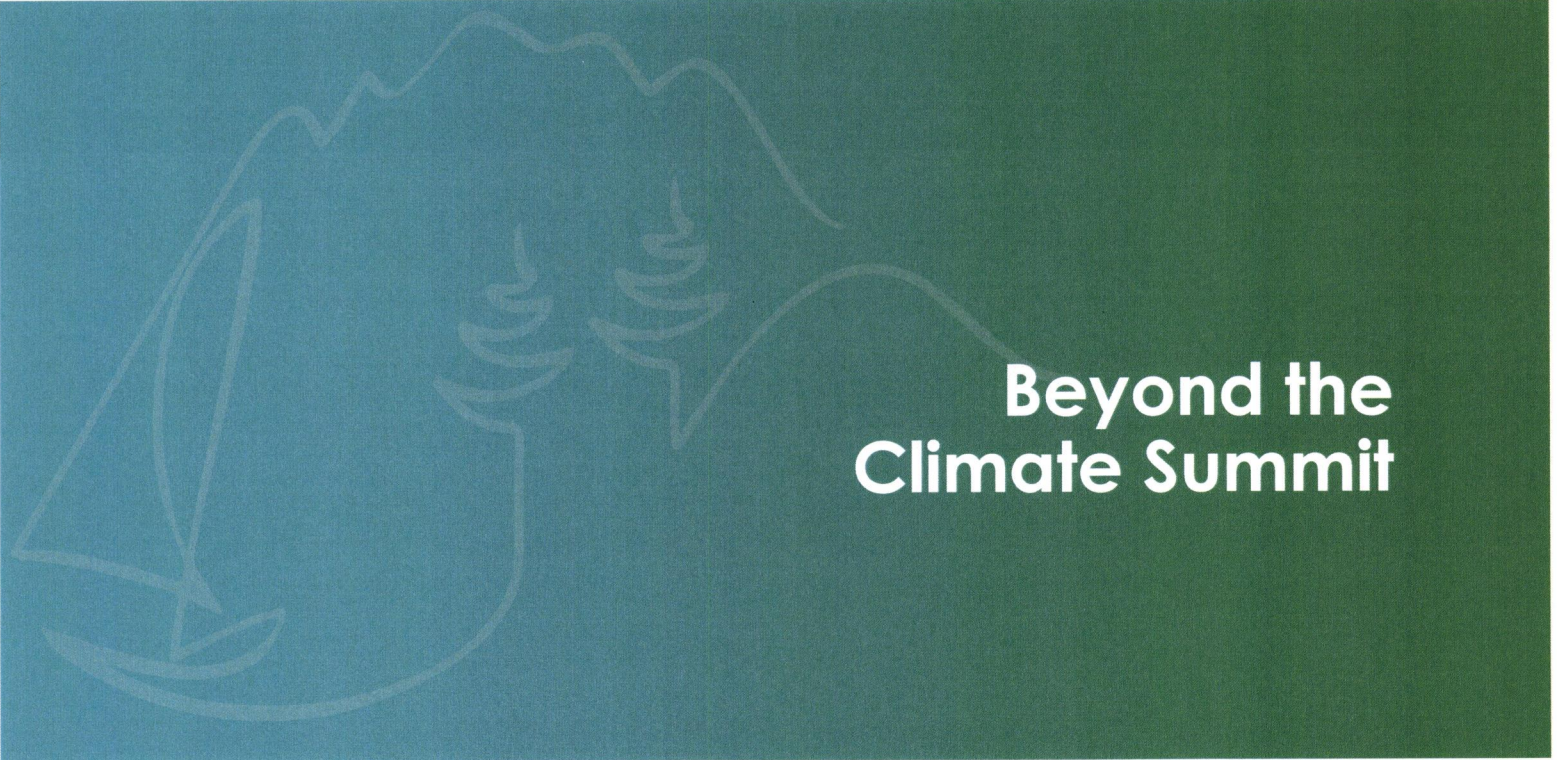




Stretch Break

Return at 10:50!!

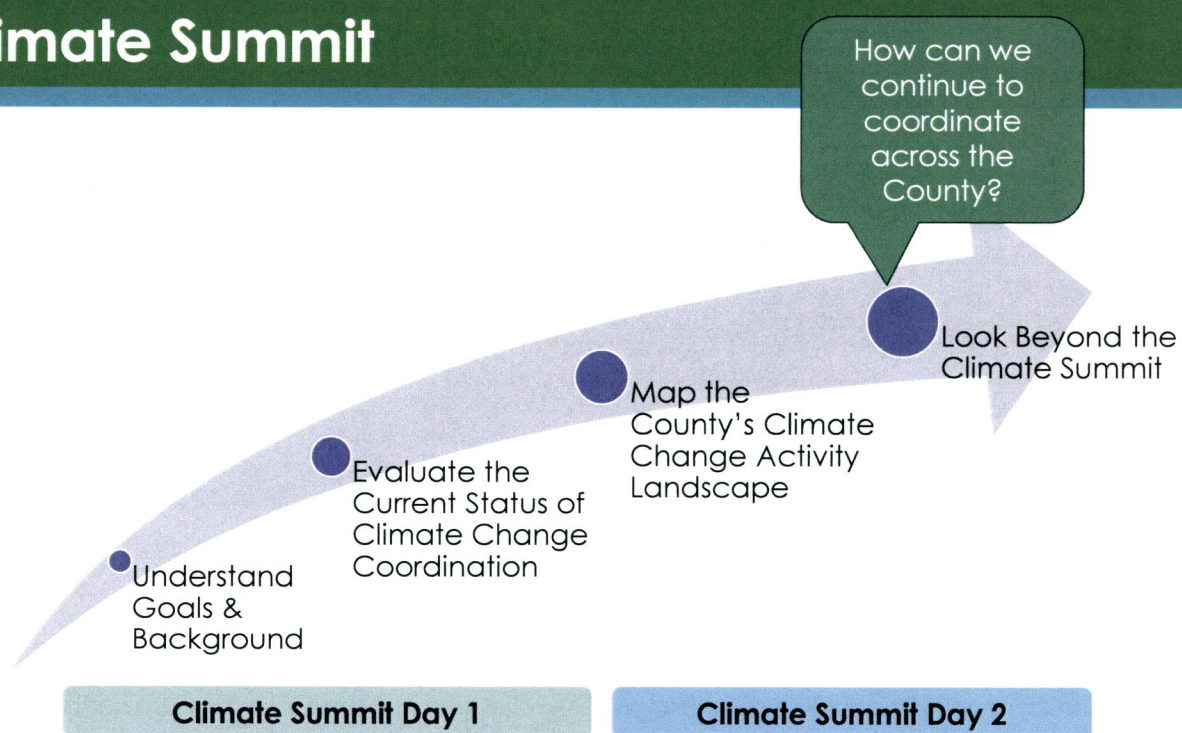




Beyond the Climate Summit



Climate Summit





Day 1 Recap – If you could make one thing happen to support Jefferson County's action on climate change, what would that be?

Public engagement	Create and staff a climate resiliency office for Jefferson Co.	Leverage the health perspective to amplify existing work and promote shared community buy in/collaboration	Get one person to oversee and coordinate climate work throughout the county	Prioritize list of actions
Putting a structure for ongoing collaboration in place	Continue to engage	Commit to collaboration	Visionary leadership with the courage to make difficult decisions.	Strengthen systems and processes for sharing and collaborating
Commit to hire a coordinator.	Implement a coordinating council to vet grants and projects so there is alignment with goals and a strategy.	Hire additional experienced grant writers	Increase sustainable forestry	Connect urban and rural communities.



Activity – 2:4:all

Pair up with a partner near you and discuss (5 mins – 11:12)



Find another pair and discuss as a group (15 mins – 11:27)



Full group share out and discussion (17 mins – 11:45)

Work with your partner to list 2 – 3 strategies/actions for continuing to establish collaboration across County departments.

Share your strategies/actions with your group and refine!



Discussion questions

- Work with your partner to list 2 – 3 strategies or actions for continuing to establish collaboration across County departments.

Consider:

- What other departments intersect with your climate related work?
- What departments would you like to coordinate with on climate related work in the future?
- What do you see as next steps for the County on climate change?



Closing Remarks and Next Steps

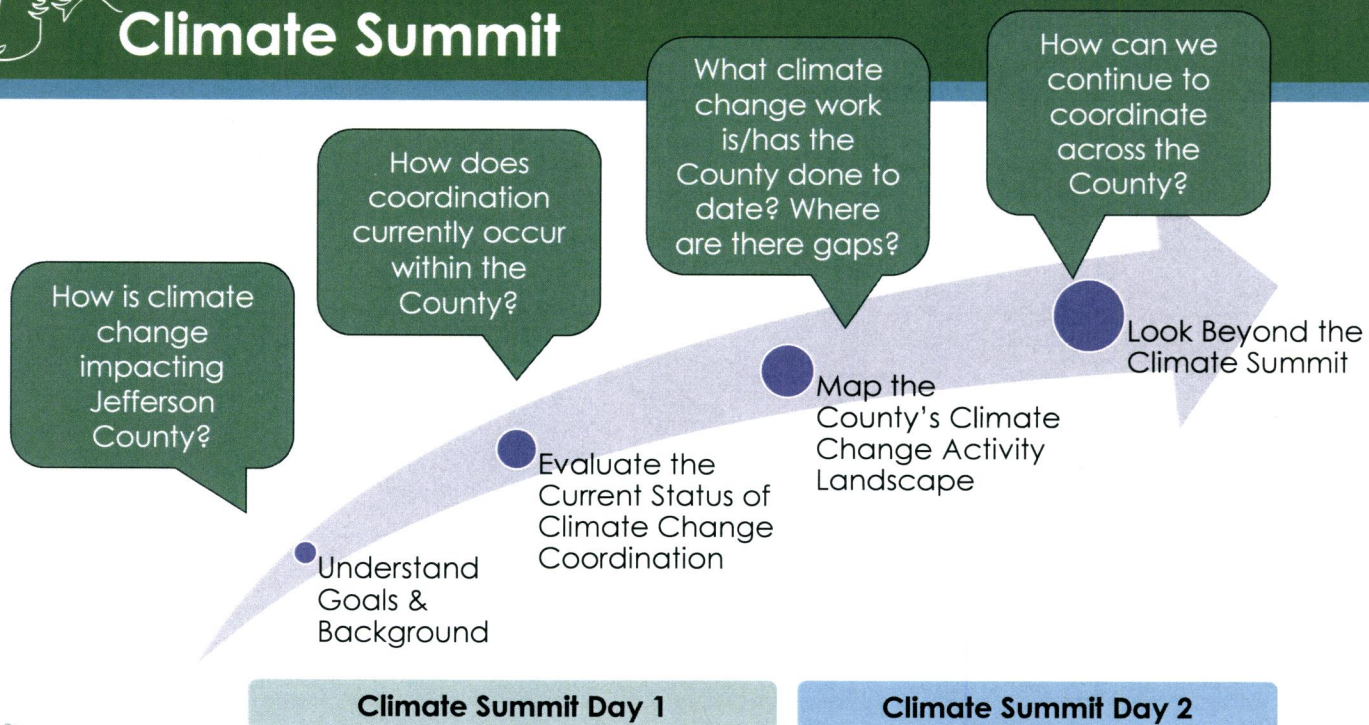


Closing Remarks

Commissioner Heidi Eisenhour



Climate Summit





Next steps



CLIMATE SUMMIT
SUMMARY REPORT



CONTINUE TO
COORDINATE ACROSS
COUNTY DEPARTMENTS



CONTINUE DOING
GREAT WORK!!

Thank you!



