



Public Workshop 1 Summary

November 17th | 6:00 - 8:00 PM

Recording available [here](#)

Table of Contents

Table of Contents.....	1
Objectives	1
Agenda	1
Demographics Poll	19
Presentation Slides	21

Objectives

- ▶ Provide an overview of the Climate Resiliency Plan process to date, including information on the City’s greenhouse gas emissions.
- ▶ Develop a community vision that guides and grounds this plan.
- ▶ Gather public input to guide the development of the Climate Resiliency’s Plan draft strategies and actions. Identify and connect how climate resilience also leads to other co-benefits.

Agenda

Time	Agenda
6:00 – 6:05	Welcome
6:05 – 6:30	Climate Resiliency Plan Overview Presentation
6:05 – 6:20	Climate Resiliency Plan Overview
6:20 – 6:30	Q&A Discussion
6:30 – 6:55	Community Vision Discussion – Vision for a Climate Resiliency Plan
6:55 – 7:55	Climate Resiliency Priority Discussion
6:55 – 7:07	Sector #1 Transportation
7:07 – 7:19	Sector #2 Buildings & Energy
7:19 – 7:31	Sector #3 Ecosystem Health
7:31 – 7:43	Sector #4 Consumption & Waste
7:43 – 7:55	Sector #5 Community Resilience & Wellbeing
7:55 – 8:00	Workshop Conclusion
	Next Steps <ul style="list-style-type: none"> ▶ Overview of how input will be used and next steps in the process ▶ Concluding demographics poll ▶ Thank you and contact information



Welcome

Ben Stanley and Mike Chang kicked off the meeting. Ben Stanley gave a brief description of the City’s two-year long Climate Action Planning process, introducing this workshop as an initial step of the public engagement effort within that larger process.

Mike introduced opportunities to participate in the public survey and goes over Zoom house-keeping rules.

Climate Resiliency Plan Overview Presentation

Introductions

Mike introduced the Poll Everywhere platform that will be used throughout the workshop to capture participant feedback. He also reminds participants to submit feedback through the Zoom chat if they have issues with Poll Everywhere.

Mike prompted the **27 public participants** in attendance to introduce themselves using the Poll Everywhere platform or Zoom chat. Responses are provided in the table below.

Table 1. Introduce yourself: name, organization/affiliation.

Responses
Susannah Spock resident and Futurewise
Nathan West - City of Port Angeles
Ben Braudrick, City of Port Angeles Associate Planner and Project Manager
Pat Nachreiner, retired resident interested in Climate resiliency
Hi. Tony Billera. Recently moved here from Whidbey. Volunteer w CAPG
Carole, PA resident
Caroline Walls, West Port Angeles Resident. Habitat Biologist for a local Tribe.
Helen Amerongen and Dave Piper, Port Angeles residents
Emeritus from the Exploratorium in San Francisco- living in PA
Melanie Greer, WSU Extension, on Clallam Co Climate Advisory Committee
Betsy, clallam Democrats
Angi Klahn - Clallam County - Climate Advisory Committee
Ian Nickel, resident of Port Angeles, volunteer with Climate Action Planning Group.
Emma Bolin, Community Development Manager with City of Port Angeles
Karen Hanan, Director, ArtsWA (WA State Arts Commission) but also a PA resident when not working in Olympia
Ben Stanley, Vice Chair, City of PA Planning Commission
Don Zanon, retired
Bob Vreeland, P.A. resident, CAP member
Nathan, new Port Angeles resident



Next, Mike prompted participants to share what groups they believe are not represented at this workshop.

Table 2. What groups (organizations, students, etc.) not represented today? Who’s not in the room?

Responses
probably everyone whose homes were flooded this week...
Fishing folks
Chamber of commerce
County
people without internet
People working in service industries like retail and food service. Small business owners
Schools? Industry? Logging?
Representative from Port of Port Angeles
school admin,
National Park Service, Clallam Emergency Operations Center representative, Port, Clallam Transit
BIPOC community members
non-environmentalists
Tribal members
Peninsula community college students, youth
Tribal members
Representative from Lower Elwha Klallam Tribe

Plan Overview

Ben Braudrick provides a detailed overview of the resiliency Plan process, including foundational elements that have shaped the development of the Plan and its intended outcomes (slide 8). He goes onto highlight key dates and milestones in the history of the City’s climate action planning process (slide 9) and wraps up with a few important next steps (slide 10):

- ▶ **2022 Coordination:** Resiliency Plan will be incorporated by reference into the Comprehensive Plan after adoption
- ▶ **2025 Coordination:** Comprehensive Plan update will include direct references to recommendations and guidance from the Plan

Emma Bolin walks through examples of climate impacts experienced in Port Angeles today, including atmospheric river conditions and extreme flooding, heat dome events, and wildfire smoke (slide 12). Concluding the Plan overview section of the presentation, Mike covers multiple slides detailing City climate action progress to date and where the Plan is headed (slides 13 to 18).

Q&A

The presenters kicked off a brief Q&A segment by reading questions from the Zoom chat and providing answers in real-time.



Question	Response
How does the PA emission rate compare to other like sized cities?	Half national average, but twice the international average.
If international rates are lower, what can we learn?	<ul style="list-style-type: none"> • Goods and service transit • The way we build our structures • The waste we create
How much of the climate resilience does GHG emissions represent?	<ul style="list-style-type: none"> • GHG represents strong impact on resilience • Changing our transportation: local food supplies • The more you reduce your carbon footprint, the more you see resilience improve
How many people lost power?	<ul style="list-style-type: none"> • Extreme events cause stress on aging systems • Internet and electricity loss • Lowering emissions raise resilience of system
Impact of controlled green waste burns?	<ul style="list-style-type: none"> • Learn what to next time, where to focus efforts, and obtain information • How do we get information locally? • Legality questionable in city • Survey can help us understand how to do controlled burns • Used in carbon output potentially
Where do fireplaces burning wood fit in?	<ul style="list-style-type: none"> • Difficult to quantify, we don't know how many people have fireplaces; a survey would be beneficial • Indoor air quality tied to health resilience • Things will intersect with other sectors (health, transit, etc.)

Community Vision Discussion – Vision for a Climate Resiliency Plan

Using three Poll Everywhere questions, Mike prompted the **30 public participants** in attendance to think about what a climate resilient future means to them.

Question 1: How has climate change affected you personally or people in your community?

Participant responses included the following topics (see Table 3 for complete responses)

- ▶ Climate refugees
- ▶ Climate grief
- ▶ Accessibility
- ▶ Smoke, heat, flooding, wildfire
- ▶ Children's future
- ▶ Despair
- ▶ Less Rainfall
- ▶ Loss of Species
- ▶ Job loss
- ▶ Disaster victims

Table 3. How has climate change affected you personally or people in your community?



Responses
I need air conditioning now
Wildfire smoke traps us inside in the summer... But none of our homes have A/C! Had to start sleeping in the basement in the summer
Less stream flow for salmon
Concern for people who cannot recover after loss from climate disasters.
Job loss
Loss of species
We are climate migrants- moved here from Portland due to air pollution, health issues. Now worried about drought, heat, traffic, health of forest
Increased temperatures reqd AC system, less rainfall read more water in garden at cost
Wildfire smoke has impacted not just summer outdoor recreational activities for everyone, but especially impacted people with respiratory problems
Climate Grief- despair looking at the damage to the trees after the heat dome
Anyone with kids knows that their future is imperiled, which pains us all on their behalf
Flooding streets and wildfire smoke
Flooding, smoke, excessive heat
Accessibility issues
Gray hair and wrinkles from heightened emergency operations
Climate grief- fear of the future
I am a climate change refugee

Question 2: What do you love about Port Angeles?

Participant responses included the following topics (see Table 4 for complete responses)

- ▶ Increase walkability; Sidewalks and bike lanes
- ▶ Great vibrant community downtown
- ▶ Revitalization
- ▶ Shelter for homeless
- ▶ Beauty and natural landscape
- ▶ National Park
- ▶ Protection of environment
- ▶ Arts and Culture
- ▶ Microgrids
- ▶ Scale of town
- ▶ Better public transit schedules
- ▶ People who commute
- ▶ Better managed tourism
- ▶ Combating fake news
- ▶ Facilitate public action

Table 4. What do you love about Port Angeles?



Responses
Combat fake news that tells people that climate change is not real
Improvement to better manage tourism, such as bus service to hurricane ridge from downtown
Better public transportation schedule! Shuttle to La Push doesn't match up with Bus from Forks. There are tons of Coast Guard and Tribal employees that live in Port Angeles, but the bus system schedule doesn't allow us to us public transport. So we all drive separately
Save our beautiful trees.
I love the scale of town, and walking and biking in town, but agree that making that easier would be ideal
Love natural beauty, access to nature (forests, oceans) need to conserve water in summer, reduce traffic, have solar micro grid for emergencies, help with insulation, more trees in city
Trees, mountains & the strait - what's not to love. Increase walkability and mass trans.
Use the arts to tell the story more powerfully
More housing diversity, including apartments and walkable neighborhoods
The surrounding national park environment is amazing and so beautiful. To honor that, we need to do everything we can to protect what we love about this place through bold action
I love that left or right, everyone appreciates and loves the landscape here. I would like to see us capture water through slowing down the flood zones on public land through swales on public lands between Lincoln Park and Shane Park
The natural environment. I would like to see invasive species removed from our water ways, and more rain gardens to help clean pollution out of our storm water systems
More shelters for people who are homeless and cannot escape the bad weather.
Love the natural beauty, the town, the people; would like to see broader recycling options
The natural environment. Reduce impervious pavement and improve walkability
Vibrant community. Great downtown, shops and restaurants, waterfront. Access to water. Bike trails. I 'd like to see more bike lanes and safer cross town biking so i could bike to work
Increase walkability - right now it's almost impossible to live here without a car.
Port Angeles is great for experiencing the outdoors in everyday life, but more sidewalks and bike lanes would help
Increased density, better systems for car free living
More low impact development, green building, innovation with stormwater management

Question 3: Now, complete this thought/sentence: In 2030, I want Port Angeles to be_____.

Participant responses included the following topics (see Table 5 for complete responses)

- ▶ United Climate resilience
- ▶ Carbon neutral
- ▶ Electric busses for school
- ▶ Net-zero energy
- ▶ Known for health environment
- ▶ Resilient to outages
- ▶ Adaptable to city move
- ▶ Walkable
- ▶ Inclusive



- ▶ More localized food production
- ▶ Family opportunity and sense of community
- ▶ Affordable and good looking

Table 5. Now, complete this thought/sentence: In 2030, I want Port Angeles to be:

Responses
A forward thinking community that is doing all it can to inform it's citizens about the possible consequences of climate change and the many preparations it is making to prepare.
A thriving community that provides families with opportunity and a sense of community and safety, that is affordable and forward-looking
Moving away from the logging industry
More walkable
More local food
I want Port Angeles to be more inclusive, less paved, more walkable and accessible for non-drivers
Fully walkable with sidewalks everywhere that are a softer material than concrete. A electric train that runs parallel to 101
Laser focused on preserving its natural environment to the benefit of current and future residents both human and animal
The greenest city on the peninsula, vibrant, revitalized, supporting local farms and jobs, shuttles to parks
More salmon!
More prepared to handle the influx of urban weekenders the flee the hot city in the summer
Energy independent and resilient to power outages
Known for its healthy environment
Net zero energy
A vibrant and healthy place to live. Exponentially grow my pedometer steps!
Using electric buses for transit and schools.
Carbon neutral
United for climate resiliency

Climate Resiliency Priority Discussion

The climate resilience priority portion of the workshop is broken out into smaller discussions by climate action sector:

- ▶ Community Resilience & Wellbeing
- ▶ Ecosystem Health
- ▶ Transportation
- ▶ Buildings & Energy
- ▶ Consumption & Waste



Presenters asked participants to share reactions to high-level strategy areas for each focus area and respond to and brainstorm specific actions that can help implement strategies by answering the following questions:

- ▶ Do these strategies align with your vision? What might be missing or how would you change it?
- ▶ What are your initial reactions to these actions? What would you add or change? What do you support?

Community Resilience & Wellbeing

Mike opens this focus area discussion by presenting two main strategies and corresponding actions, as shown in the table below.

Strategies	Example Actions
Prepare PA for future extreme events	<ul style="list-style-type: none"> • Update municipal codes to account for enhanced fire risk in the wildland-urban interface. • Create community resiliency hubs to support residents during extreme events, such as wildfire smoke days or heat waves, by providing shelter, air conditioning, clean indoor air, and other supplies.
Increase community capacity to address climate change	<ul style="list-style-type: none"> • Conduct a sea level rise vulnerability assessment to evaluate vulnerability of City assets, including roads, sewage treatment, buildings, water infrastructure, and ports. • Develop a city-wide carbon pricing program and invest revenue into energy efficiency and clean energy projects.

Using the Zoom chat and Poll Everywhere platform, participants provided feedback on how these strategies aligned with their vision and what might be missing or needing change. Some reactions to these strategies include (see Table 6 for complete responses):

- ▶ Mental health care and climate trauma
- ▶ Economic growth and opportunity
- ▶ Food security
- ▶ Resilient housing and Jobs
- ▶ Homeowner water collection

Table 6. Community Resilience & Wellbeing: Do these strategies align with your vision? What might be missing or how would you change it?

Responses
Allow water collection by homeowners, for use in times of drought
Allow water collection on homeowner prop
Provide incentives for solar power installation
We need to avoid getting mired in the current political polarization that gets in the way of honest action



Responses
I feel like more is missing than is here.... Clarify the problems, communicate them well..... And specifically. Create incentives.. Free composting toilets for folx in the hills. Better cleaner fuel for wood stoves... Free rain barrels, and housing density incentives
Yes. We should aim to make our climate preparation an opportunity to advance the economic and social health of the community too (like resilient housing)
Focus on reducing our contributions to the problem
Food security
Mental health care to help people with climate trauma.
Good strategies but concerned about Cost of our electricity- due to climate change Bonneville power costs will rise, so more emphasis on developing local renewable energy
Need to connect housing, jobs, and the economy
Yes. Centering a strategy around Net Ecological Gain

Participants offered initial reactions to actions and suggestions for additional actions, changes, or areas of prioritization. Some high-level themes from the responses are below (see Table 7 for complete responses)

- ▶ General support for these strategies and actions, but do they go far enough?
- ▶ Need programs to support weatherization/insulation for homes; prioritize vulnerable groups
- ▶ Improve stormwater and septic systems
- ▶ More emphasis on urban flooding, as opposed to wildfire risk

Table 7. Community resilience & Wellbeing: What are your initial reactions to these actions? What would you add or change? What do you support?

Responses
New construction plans must take into account Climate change.
Start monitoring and regulating well water use
Update sewage system so that it doesnt flood the harbor
Energy efficiency auditing for homes needs to be available
Solar micro grid system so not reliant on grid in emergency
Restore more river floodplains. When a river has access to its whole floodplain, it reduces winter floods and increase groundwater
Contractor support and subsidies. Insulation is impossible for many folx with old wiring and no one available in the area
Begin to replace electrical infrastructure to eventually support a local micro grid with electric vehicle to grid power sharing
Reduce other stressors on the natural environment
Get ecology and Rayonnier to complete the FULL cleanup of the old mill site
Explore using street lighting pole power for slow speed EV charging
Emphasize jobs created to capture rain, get homes more insulated, make PA greener- more trees- fir summer shade and beauty
Upgrade culverts!
I support, would add that positive rewards, reinforcements fir "doing the right thing"



Responses
Program to make updating windows and insulation affordable
Create a locally tailored response Even a micro-locally tailored response
Support but maybe they should include hubs or resources for non-emergency climate events.
Overall I am in support. I think that things like vulnerability assessments are useful to prioritize our effort within the city's existing planning programs -
Would a carbon price be used to help the person who is charge reduce their emissions?
Good Start. Update infrastructure to better handle the climate changes
I support strategy 1 actions. Strategy 2 actions both might be a little too involved for a city our size. For example, our community might not have the financial strength to implement carbon pricing at this time
Support those actions. Would add exploring deploying solar energy on public buildings and park structures.
More emphasis on urban flooding with more intense storms. Less emphasis on wildfire risk. Outfalls are more at risk with sea level rise.
Add improving stormwater system, and fixing septic systems to keep fish happy in Salish Sea
Develop a city-wide carbon pricing program and invest revenue into energy efficiency and clean energy projects.
Develop program to help residents capture winter rain for summer use!
Conduct a sea level rise vulnerability assessment to evaluate vulnerability of City assets, including roads, sewage treatment, buildings, water infrastructure, and ports.
I support them but do they go far enough?
Using various funds from organizations to help the most vulnerable citizens

Ecosystem Health

Mike opens this focus area discussion by presenting two main strategies and corresponding actions, as shown in the table below:

Strategies	Example Actions
Restore and protect shoreline, aquatic, and forest habitat.	<ul style="list-style-type: none"> • Protect urban tree canopy • Incorporate climate change and sea level rise explicitly into the Shoreline Master Program.
Increase opportunities for carbon sequestration and storage.	<ul style="list-style-type: none"> • Encourage timber companies to extend timber harvest rotation times, as longer aged trees can sequester more carbon. • Partner with organizations (e.g., National Park Services, National Marine Sanctuary) to preserve forest and marine habitats.

Using the Zoom chat and Poll Everywhere platform, participants provided feedback on how these strategies aligned with their vision and what might be missing or needing change. Some reactions to these strategies include (see Table 8 for complete responses).

- ▶ General alignment with participants’ vision
- ▶ Strategy 1 needs to align with the port economic development plan, which impacts salmon streams
- ▶ Strategy 2 needs to scale globally to be effective and we don't have control over that



- ▶ Logging industry needs to be more sustainable
- ▶ Ecosystem and habitat protection and restoration efforts should be coordinated with Clallam County.

Table 8. Ecosystem Health: Do these strategies align with your vision? What might be missing or how would you change it?

Responses
City wide composting
Increase native vegetation. Less grass.
All ecosystem actions must be coordinated with Clallam County since ecosystems don't respect city boundaries
You've got to dig a lot deeper. There's a ton missing here. We need to build soil, control erosion, and slow water flow.
Acceleration of the existing process to mitigate superfund pollution in PA harbor
Incentives for development with more green space and trees. Less concrete!
Reducing food waste
Strategy 1 is good but needs to aligned with Port economic development plans that impact salmon streams
Yes they align - need greenspace plan, support for farms using regenerative farming
Sewer upgrades so doesn't dump into water. Daylight peabody creek, increase rain gardens
I tend to like strategy 1, oriented towards local adaptation and with multiple benefits. Strategy 2 is one of those things that we could put a lot of effort into locally, but its something that needs to scale globally to be effective...and we don't have control over that
We have to address the huge gap between what is necessary in terms of the spend in investing in net-zero resilience and what is currently happening
Should emphasize that ecosystem health will need to be balanced with logging concerns in this community. How do we make logging more sustainable?
Improve recycling / upcycling opportunities
There's a lot of focus on habitat - would be good to think about salmon and other wildlife

Participants offered initial reactions to actions and suggestions for additional actions, changes, or areas of prioritization (see Table 9 for complete responses).

- ▶ Emphasis on floodplain and riparian habitat restoration
- ▶ Improved invasive species control efforts
- ▶ Increased urban tree canopy and natural vegetation (lawn removal)

Table 9. Ecosystem Health: What are your initial reactions to these actions? What would you add or change? What do you support?

Responses
Invasive weed efforts! Need huge crews out there to deal with the problems. Invasive weeds like scotch broom and reed canary grass prevent native riparian growth and suck up our water
Free compost!!
Enforce compliance of whatever measures are decided upon
Rows of trees between car lanes and bike and walk lanes



Responses
I am in support. Specifically: I would like more legislation regarding both the cutting of trees, having street trees, and using native plants in City infrastructure. I would also like to see more focus on the climate's impact on City infrastructure.
Support. Large scale invasive species removal program (hire several Washington Conservation Corps. Crews?) Incentivize homeowners to transition grass lawns to ecologically diverse habitats. Remove pollution from streams by installing rain gardens across the city
I feel that the marginal benefits from things like sequestration through, for example, increasing rotation timing pales with the ecosystem benefits we gain from making space along the coast, which will reduce risk and enhance habitat functions and processes
We lost five trees on my block this summer. It's a city with a view that comes at a cost
Existing in-town tree canopy is weak - it is more about encouraging tree planting, such as in planting strips around town. This could also help absorb flood water, absorb pollution, decrease energy use, and even increase food production
Restore floodplains
Work with Tribes to allow cultural and traditional forest burning practices for healthier forests
Reduce logging on State lands, daylighting and restoration of urban streams, incentives to maintain native vegetation
Floodplain and riparian habitat restoration
Many blocks in PA don't have trees- so need to plant more

Transportation

Mike opens this focus area discussion by presenting two main strategies and corresponding actions, as shown in the table below.

Strategies	Example Actions
Enhance transportation resilience by promoting public transit and active transportation.	<ul style="list-style-type: none"> • Ensure that all residents have access to multiple transportation options, especially walking, biking, and public transit. • Ensure that the City's transportation systems and investments can withstand future climate impacts.
Reduce transportation related GHG emissions.	<ul style="list-style-type: none"> • Expand public transit infrastructure and services to decrease need for single-occupancy cars. • Expand electric vehicle (EV) infrastructure and incentivize people to purchase EVs.

Using the Zoom chat and Poll Everywhere platform, participants provided feedback on how these strategies aligned with their vision and what might be missing or needing change. Some reactions to these strategies include (see Table 10 for complete responses).

- ▶ Improve, promote, and incentivize public transit and multi-modal transit
- ▶ Connect public transit to 1-5 corridor, city centers, and park trailheads
- ▶ Increase electrical vehicle charging stations
- ▶ Improve WIFI connectivity to enable less work commutes



Table 10. Transportation: Do these strategies align with your vision? What might be missing or how would you change it?

Responses
Supporting more dense housing downtown would improve transportation resilience (less needed) while also helping our housing crisis and improving the economy
Include EV charging access for new multiunit housing
Rewards for those using public transportation, electric cars, and bicycles.
Bike repair stations throughout town
Overall I like this - given that most of our emissions are transportation oriented. However perhaps there should be consideration for strategies focused on things like business development, internet development such that people don't need to travel as far to reach the services they need
Good but they need to include strategies to improve walkability and accessibility. Design the system with non-drivers in mind
The city needs to really embrace multi-modal transportation, including significantly better public transit (more frequent and more stops), free usage, and better pedestrian and bike infrastructure,
Need to focus on 10-minute communities - public transportation and walking/biking can't be done without updating housing codes
Pedestrian only zones, ev stations
Sorry \$1.50 from PA to Forks
Let's emphasize that decreasing transportation emissions (unlike buildings) also involves decreasing toxic emissions released alongside carbon. And involves energy and cost savings
Public transit to national park trail heads
Ferry to Seattle
Clallam has a great, cheap system. 1.50 to F
Hooray! But need to account for summer tourism & traffic jams up to Hurricane ridge- love our tourist but they bring pollution
More charging stations for electric vehicles.
Electric tram lines through town. Makes roads less hospitable to cars
Add language that includes connection to public health
Don't just promote public transit, IMPROVE it. Make it work for the residents
Develop the possibility for rail travel hooked into the I-5 corridor coming rail lines

Participants offered initial reactions to actions and suggestions for additional actions, changes, or areas of prioritization (see Table 11 for complete responses).

- ▶ Improve walkability of the city, including more sidewalk connectivity and better design for mobility-impaired persons
- ▶ Update public transit schedule that fits commuter needs
- ▶ Improve bikability, including safer bike lanes, more bike racks and locks, and free repair stations

Table 11. Transportation: What are your initial reactions to these actions? What would you add or change? What do you support?



Responses
Provide more aesthetically pleasing walking experience
More sidewalks
Electric vehicle stations, community cycling program, pedestrian only downtown, ban trucks from downtown
Have the city pay for more sidewalks and curb cuts for our less mobile citizens and visitors
Safer feeling for pedestrians/bikes, feeling of equity
Challenge engineers, mechanic, and students to find ways to replace gas engines with electric engines in RV's, trucks, and commercial vehicles.
More fully separated, two way bike lanes
Need shuttles for the summer tourists
Make the public transit schedule work for commuters! The La Push shuttle schedule does not match up with the Forks bus schedule. Commuters have to sit at the forks transit center for an hour or more between the two. So we just drive instead. This is also a social justice issue because the Tribe has trouble retaining high quality employees that commute.
Support. Would like to see a more walkable downtown (less vehicles), and safer bike lanes. For bikes, more bike locks downtown, and bike lockers as well. Specifically bike locks that fit the tires of E-bikes.
Install EV charging stations that would eventually support bi-directional charging - allowing vehicles to be a backup power source for community
Update bike racks on busses for bikes with varying wheel sizes (e-bikes usually have larger tires)
Good but should be designing with non-drivers in mind not only trying build around electric vehicle use. Improve accessibility, pedestrian safety, and sidewalk condition and connectivity
Should work with ferries on decreasing their emissions
Supporting more dense housing downtown would improve transportation resilience (less needed) while also helping our housing crisis and improving the economy
Love it! It would be great to make golf carts street legal. Love the light pole idea.
Free bike repair stations
Prime the City for ridesharing
Electric mass transit system.
Need to deal with tourism traffic in the summer.
Incentives for businesses to use evs too
Every light pole could provide 120v power for EV charging
Public transport options good enough to attract car free tourists. Ecotourism

Buildings & Energy

Mike opens this focus area discussion by presenting **two main strategies** and corresponding action, as shown in the table below:

Strategies	Example Actions
Support energy resilience by investing in renewable	<ul style="list-style-type: none"> Invest in projects that develop community energy projects to ensure there is energy supply redundancy, especially when the City (or various neighborhoods) lose power.



Strategies	Example Actions
energy and community-scale energy projects.	<ul style="list-style-type: none"> • Realign and protect infrastructure along bluff crests against sea level rise.
Reduce building-related GHG emissions.	<ul style="list-style-type: none"> • Incentivize propane use reduction. • Support or mandate energy efficient retrofits, such as building weatherization and energy efficient appliances.

Using the Zoom chat and Poll Everywhere platform, participants provided feedback on how these strategies aligned with their vision and what might be missing or needing change. Some reactions to these strategies include (see Table 12 for complete responses).

- ▶ Should focus money on transportation emissions (highest source)
- ▶ Need incentives and grants for increasing energy efficiency of existing buildings/homes and making new buildings/homes GHG neutral.
- ▶ Emphasis on working with large industrial and commercial businesses (e.g., Westport) to reduce emissions.
- ▶ Increase availability and affordability of alternative energy sources like wind and solar.

Table 12. Buildings & Energy: Do these strategies align with your vision? What might be missing or how would you change it?

Responses
Building Efficiency = Transportation efficiency
Let's focus the money we have on transportation, that pie chart
Support. Encourage buildings owned by the City to reduce GHG emissions/install solar. But also work with EDC and/or Chamber to help businesses in the community to reduce their emissions. Work with places like Westport and the marine industries to employ strategies to reduce their impacts on our environment.
Passive thermo-adaptive textiles and other materials.. Advanced heat pump technology... Grants and subsidies!!!!
Incentives for making existing buildings/homes more energy efficient & new buildings/home be GHG neutral.
Make solar and wind energy more available in our community. Work on reducing costs of solar and wind energy.
These are pretty well aligned, though i think the problem associated with trying to figure this out well also maintaining affordability is a challenging needle to thread
Support retrofitting of homes for greater energy efficiency
Help people pay for retrofitting
Agreed!
Thinking about self-reliance, especially with energy and power outages
Yes! Emphasize job creation to retrofit buildings
Both of these strategies align well for our community

Participants offered initial reactions to actions and suggestions for additional actions, changes, or areas of prioritization (see Table 13 for complete responses).

- ▶ Ban propane hookups



- ▶ Subsidize energy audits for homeowners
- ▶ Improve community education about energy use and negative impacts of wood burning
- ▶ Regulate and/or prevent new infrastructure construction near shorelines and bluffs

Table 13. Buildings & Energy: What are your initial reactions to these actions? What would you add or change? What do you support?

Responses
More information about issues with burning wet wood or garbage should be distributed
Please move the landfill inland
Better communication to residents regarding existing and new programs regarding energy efficiency and areas in the City impacted by climate change.
Minimizing wood stove use should be incentivized
Move more infrastructure AWAY from shoreline. Armoring the shoreline to protect buildings can really impact the habitat for forage fish
Impervious surface sidewalks and parking areas
Building along bluffs is not climate change resilient, it should be regulated, not subsidized
I would like to see project with a net ecological gain. We should identify ways to mitigate impacts on our important geological features, like our bluffs.
I don't know that, here, we should focus our energy on community energy projects, given our power supply. I like action #2 focused on trying to re-align infrastructure on the shoreline but, boy, that is a tough nut to crack here
For strategy #2, need to work with developers
Private homes need to be weatherized to reduce the wood burned in the winter, but most residents cannot afford it. We need programs to help pay for it
Ban new propane hookups, ban new gas stations. Only metal roofs. Increase density- more condos and apartments close to businesses
The city should subsidize or offer energy efficiency audits so homeowners can easily identify sources of wasted energy/money

Consumption & Waste

Mike opens this focus area discussion by presenting **two main strategies** and corresponding actions, as shown in the table below.

Strategies	Example Actions
Promote sustainable consumption.	<ul style="list-style-type: none"> • Work towards banning or limiting single-use plastics. • Implement a sustainable purchasing policy for City departments and encourage other businesses to do so.
Reduce waste-related GHG emissions from landfills.	<ul style="list-style-type: none"> • Reduce organic food waste through food donation programs, greenwaste bins, and composting programs. • Evaluate and reduce facility-related emissions with Port Angeles' wastewater treatment facility



Using the Zoom chat and Poll Everywhere platform, participants provided feedback on how these strategies aligned with their vision and what might be missing or needing change. Some reactions to these strategies include (see Table 14 for complete responses).

- ▶ Need to make composting accessible – provide free curbside collection programs
- ▶ More opportunities to reuse and repurpose
- ▶ May not be a critical focus area, as it is the smallest source of emissions

Table 14. Consumption & Waste: Do these strategies align with your vision? What might be missing or how would you change it?

Responses
Recycle, reuse, repurpose
Stop charging for yard waste bins. City sponsorship, support, and advertising of existing programs through WSU for gleaning garden waste for our excellent Food Bank.
Compost and green waste programs are key.
Zero waste PA
Need to think about circular economy - how do we ensure that we just don't throw away old electronics and things like that
I don't know that I see these strategies as being as critical to focus on relative to some of the others. The ROI is small I think, thinking of the pie chart
City wide food waste pick up
Storm water management, especially related to wastewater releases, needs to be included here
Our lawns turned into rain gardens with indigenous plantings
Ban styrofoam

Participants offered initial reactions to actions and suggestions for additional actions, changes, or areas of prioritization (see Table 15 for complete responses):

- ▶ Overall, need more community education on this focus area
- ▶ Provide residents with tools and resources for how to properly dispose of special waste or hard to recycle items
- ▶ Incentivize and promote localized food production
- ▶ Ban plastic bags

Table 15. Consumption & Waste: What are your initial reactions to these actions? What would you add or change? What do you support?

Responses
Improve existing plastic bag ban to prevent Safeway from skirting the law
Side dumping is happening along our creeks and in our parks. Attention to this issue would be great. Look at Tumwater and Verne Samuelson parks
Need to focus on local foods - even if not in PA but in the County or on the peninsula.
Incentives or subsidies for home gardens. We have great weather to grow our own food
Promote buying local, or ordering things in a geographically responsible way, ban multiple use plastic bags
Tool library



Responses
Community gardens with activities that promote education
Support limiting single use plastics and Styrofoam. Recycling containers should always be in city facilities, including local parks and areas wherever there are public trash cans.
Encourage the existing DIY culture on the peninsula
Encourage people to bring their own bags to shop. And maybe ban plastic bags.
I feel that largely we should focus on actions that reduce our vulnerability to some of the major climate drivers, and largely I think these consumption actions don't do that. They DO, though, have some benefit, especially by reducing our transportation footprint.
We need to make special recycling types more easily understandable to local people (how to recycle electronics, shoes, plastic bags, etc)
Incentivize reduced fertilizer and pesticide use
Incentivize safeway to stock more local food
Municipal compost, only compostable take-out containers. Better recycling
Education
More compost bins for residents
School age students need to tour waste facilities



Demographics Poll

Mike closed out the workshop by walking through next steps and opportunities for continued public engagement with the Plan (slide 44).

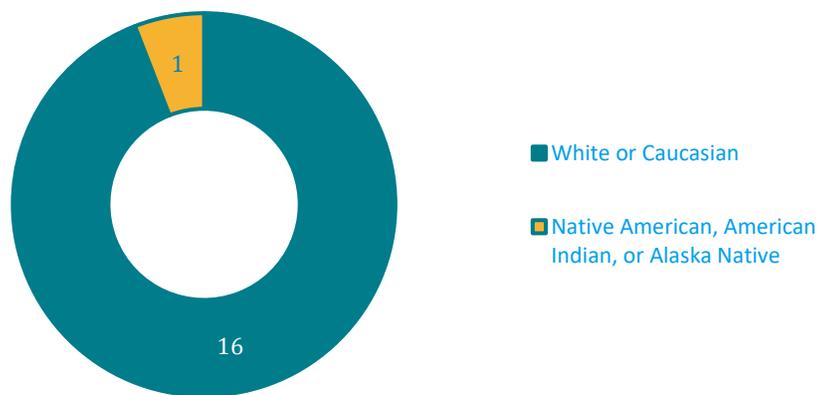
- ▶ Visit the weekly Farmers Market
- ▶ Take the survey
- ▶ Visit the website
- ▶ Follow the interactive Climate Group calendar

As a final step, Mike prompted participants to take an optional demographics Zoom poll. Of the 26 remaining public participants, **17 responded** to the demographics poll.

Which of the following best represents your race/ethnicity? (Check all that apply)

Of the 17 participants who responded, 16 identified as White/Caucasian and 1 identified as Native American, American Indian, or Alaska Native.

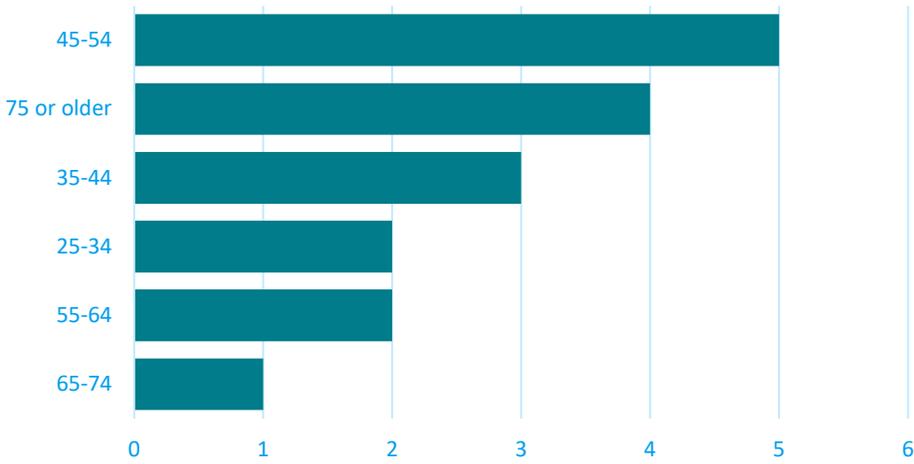
Race/Ethnicity



What is your age?

Of the 17 participants who responded, five (5) were 45-54 years old and four (4) were 75 years old or older.

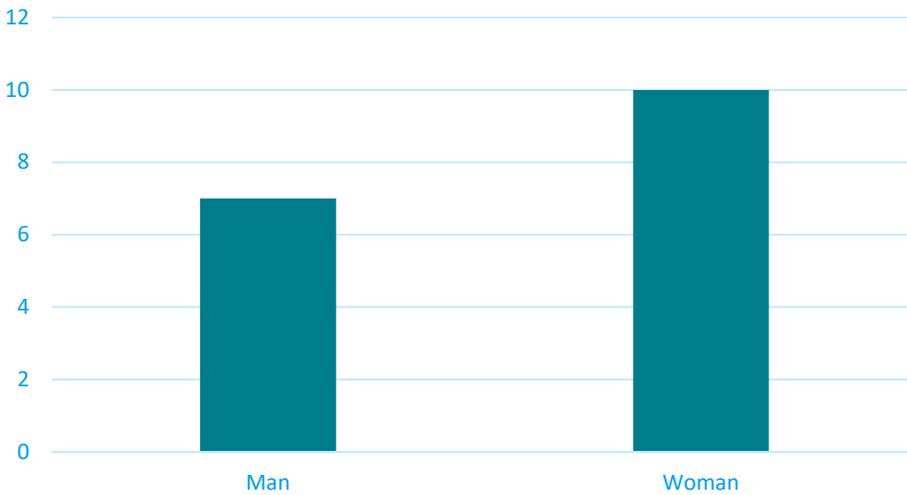
Age



What is your gender identity?

Of the 17 participants who responded, 10 identified as a woman and seven (7) identified as a man.

Gender Identiy



How did you hear about this workshop?



Of the 17 participants who responded, four (4) said they said about this workshop through word of mouth, three (3) heard about it through social media, and another three (3) heard about it through the City of Port Angeles Website.



Presentation Slides

PowerPoint slides of the presentation are available on the following pages.