# Public Workshop 2 Summary

March 16th | 6:00 - 8:00 PM

Recording available here

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## Objectives

1. **Provide** an overview of progress since Workshop 1.
2. **Review and refine** list of prioritized actions.

## Agenda

| Time | Agenda |
|---|---|
| **5:55 – 6:00** | Let Participants In |
| **6:00 – 6:05** | **Welcome** |
| 6:00 – 6:05 | • Record meeting<br>• Orient on how to use/navigate Zoom Meeting |
| **6:05 – 6:30** | **Updates on Climate Resiliency Plan Presentation** |
| 6:05 – 6:20 | Climate Resiliency Plan Overview |
| 6:20 – 6:30 | Q&A Discussion |
| **6:30 – 7:55** | **Review and Refine Actions** |
| 6:30 – 6:40 | Overview of Breakout Rooms |
| 6:40 – 7:55 | Breakout Group Discussions |
| **7:55 – 8:00** | **Workshop Conclusion** |
| | Next Steps<br>• Overview of the next steps to finalize the Climate Resiliency Plan<br>• Concluding demographics poll<br>• Thank you and contact information |

## WELCOME

Mike Chang kicked off the meeting with a welcome and several house-keeping items.

## UPDATES ON CLIMATE RESILIENCY PLAN PRESENTATION

### CLIMATE RESILIENCY PLAN OVERVIEW

Ben Stanley gave a brief overview of the Climate Resiliency Plan:

- How it was shaped:
  - 2016 Comprehensive Plan response
  - Based on best available science
  - Uses GHG emissions as metrics
- What are the goals:
  - Identify gaps, inefficacies, strengths, and opportunities for development
  - Roadmap for immediate actions
  - Provide long range policy and strategy guidance
- Where we are in the planning process:
  - Refining strategies and actions for inclusion in Plan

### OUTCOMES FROM OUR 1ST PUBLIC WORKSHOP

Mike shared the participant visions for the future of Port Angeles during workshop 1:

- Carbon neutral
- City known for its healthy environment
- Resilient and able to handle power outages
- Walkable
- More local food production
- Affordable
- Sense of community and opportunity for all

Mike shared how the project team responded to workshop 1 participant feedback:

- Inclusion of **ambitious actions** that pushes the City to carbon neutrality by 2030.
- Highlight and elevate climate resilience **with other priorities**, such as healthcare, economic development, and affordable housing.
- Focus on resilience and adaptation opportunities, **especially for frontline groups** such as elders, low-income families, people of color, youth.
- Identify **synergies with other key partners** – such as the Port and the National Park.
- Need to **invest in multiple transportation strategies** that allows for collective flexibility in transitioning away from fossil fuels.

## PLAN STRUCTURE AND DEVELOPMENT

Mike walked through each focus area of the Plan and highlights the overarching goals, rationale for inclusion, and some example actions for each. He then provides an overview of the strategy development and prioritization process:

- **124 initial actions,** identified from existing City plans, comparable plans from other jurisdictions, previous work from the Climate Action Planning Group, and emerging best practices on climate action.
- Initial consultant review to combine similar actions, getting us to **approximately 70 actions.**
- Working with the Climate Action Planning Group and the City to **prioritize 40 actions for a multi-criteria analysis (MCA).**
- Just because an action is not included in the MCA **does not mean we will exclude it from the final Climate Resiliency Plan.**

Mike explained how the multi-criteria analysis (MCA) was used to prioritize the Plan's resilience actions based on community values and other key criteria: **impact, cost, feasibility, community support, equity, and co-benefits.** He walked the participants through the Climate Action Planning Group's (CAPG) rationale around actions that have already been approved and those which have been excluded.

Finally, he teed up the goal of the breakout room activity planned for the workshop, which was to narrow down the current list of 70 actions to a more streamlined and manageable list of 50 actions for Plan inclusion.

## Q&A:

**Tony:** Will actions that were already excluded be identified?
- **Mike:** Yes, these actions and the rationale for exclusion will appear in the materials we have prepared for the breakout room activity.

**Bob:** Can the Plan have an appendix of all actions that were considered and excluded so they are not lost? So that they may be considered if more funding or interest arises in the future?
- **Ben:** That can be option. We are doing that for the list of actions that have been completed as well. These are important and made the list originally for a reason, so they can appear in as an appendix.
- **Emma:** Can include the justification for including as appendix and bring to council for a decision.

## TRANSITION TO BREAKOUT ROOMS

Mike provided an overview of the breakout room objectives and structure:

- Almost **1.5 hours** to discuss strategies and actions.
- **Randomly assigned** breakout rooms.
- Breakout room facilitators will **each start on a different focus area** and then cycle through each focus area. This allows for **equal treatment of all focus areas.**

- Facilitators will review the current status and **then go through actions without a decision**. Facilitators will take notes in the "Notes" column.
- **Desired outcome:** Identify which actions need to **include or exclude** from the Climate Resiliency Plan, with an intent to get down to no more than 50 actions.

Mike went over the current landscape of the actions before participants broke out for discussion:
- 25 actions already approved
- 4 actions to exclude
- 45 actions to still consider
- Facilitators will prioritize actions that **have not had CAPG review** or **decisions that the breakout group disagrees with**

There were **three (3) breakout groups** facilitated by Mike and Megan, Mary Ann, and Ben and Emma. Each group had approximately 6-8 people.

## REVIEW AND REFINE ACTIONS

## COMMUNITY RESILIENCE AND WELLBEING

### Status

|  | Pre-workshop | Post-workshop |
|---|---|---|
| Actions to include in Plan | 7 | 13 |
| Actions to exclude from Plan* | 2 | 7 |
| Undecided actions | 12 | 1 |

\* Inclusive of actions that are to be included, but merged with other actions.

### Discussion

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| Strategy 1: Increase community adaptive capacity | | | | | | |
| 121 | Water regulations | Increase regional capacity for water storage through key regulations and capital projects:<br>• Incentivize and regulate rainwater harvesting<br>• Create regulations that require water efficient appliances (washers, dishwashers, toilets, etc.)<br>• Enhance stormwater retention in upstream areas where appropriate and feasible.<br>• Develop code and infrastructure for reclaimed water system.<br>• Use results of the "groundwater strategy" to inform regulations and capital projects. | **Inclusion/exclusion rationale:**<br>• Doesn't seem that important<br>**Vote**<br>• 1 yes to bullets 1 and 4, rest said no<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **moderate** to high as regulatory/infrastructure action (higher impact) that addresses moderate resilience need, equity & co-benefits benefits | **Remove** | **No** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| 62 | Community Rating System | Participate in FEMA's Community Rating System. | **CAPG**: Determined this was a good action; however might already be doing this. If not doing this already, need to confirm that the City of PA qualifies for this program.<br><br>**Inclusion/exclusion rationale:**<br><br>• Maybe include: Does this take a lot of staff time to participate in? Maybe the action needs more explanation? Are we already following those protocols?<br>• Maybe exclude: since flooding could be a low risk? Does "basement" flooding" count?<br><br>**Consultant comments for non-MCA actions:**<br><br>• Likely to score **low-moderate** due to lower impact and moderate on other criteria | **Revise** to include more detail | **Yes** | N/A |
| 122 | Local groundwater strategy | Develop and implement a local groundwater strategy that includes study of the local aquifer and actions to address groundwater issues near bluffs. | **CAPG:** Could be integrated into action 121 to keep in plan. Likely a low-impact strategy<br><br>**Inclusion/exclusion rationale:**<br><br>• Include in Action 59!!<br>• Question: Is the city looking for future water needs for reduced snowpack? If so, then looking at alt water sources is essential.<br>• Recommend: This is a higher priority than 121 (121 is more regulation, this would be | **Merge** with 121 and 59 | **Yes, as part of 59** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | | important to know if this is a future water source). **Consultant comments for non-MCA actions:** • Likely to score **low-moderate** due to lower impact with moderate other benefits and low costs. May be needed for "water regulations" action to be more effective. | | | |
| 120 | Community-based accountability | Partner with environmental education organizations such as AmeriCorps or the County Health Department on major climate-related events to raise awareness and increase adoption of climate-friendly activities, beginning with a Climate Week and food waste reduction competition. • Create a Climate Change Week to designate a week each year for City and community evaluation of the progress made on meeting community commitments and goals relating to reducing our contribution and vulnerability to climate change. • Create a food waste reduction competition: Led by City; ask restaurants to be creative in how to reduce food waste; different neighborhoods doing different sustainability actions (e.g., how far your food traveled). • Develop local demonstration projects and highlight local business' sustainability initiatives | **CAPG**: All of these ideas are integrated into action 119. **Inclusion/exclusion rationale:** • No objections. Look at 119, where's the accountability of the actions? **Consultant comments for non-MCA actions:** • As outreach action, likely to perform **similar to "comprehensive climate education and outreach."** | **Merge** with 119 | **Yes, as part of 119** | N/A |
| 84 | Comprehensive Plan priorities | Use the Comprehensive Plan to reinforce climate resilience: | **Suggested Revision:** • Use the climate resilience plan to inform the comp plan (flip the | **Description**: Use the Resiliency Plan | **Yes** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | **Discussion** | **Action Updates** | | |
| | | • Include a climate change resilience element in the Port Angeles Comprehensive Plan.<br>• Develop policy in comprehensive plan that sites infrastructure<br>• outside of current and future hazard areas.<br>• Meeting HB 1099 requirements (granted it passes in 2022 legislative session) | language). Unless this is going to happen anyway.<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **low-moderate** due to lower impact (policy action), moderate other benefits, and low costs | to inform Comprehensive Plan updates: (then list the bullets at left) | | |
| 85 | County-City coordination | Coordinate and partner with Clallam County, Tribal partners, and OMH to implement regional climate resilience policies. Review the County-Wide Planning Process agreement for its climate preparedness. | **CAPG**: Identified as a key action to do to ensure regional resilience.<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **moderate** due to lower impact, moderate-high other benefits, and low costs. | None | **Yes** | N/A |
| 87 | City volunteer coordinator | Hire a volunteer coordinator for the City to help support climate resilience actions that require community or volunteer capacity. | **Inclusion/exclusion rationale:**<br>• Yes – thought of as a gap with County work from 2009 But… too vague and may not be ready to propose this as an action… So maybe leave off? But we do need someone.<br>• Consider program coordinator in the future, but maybe not within this plan.<br>**Implementation considerations:**<br>• They have to have something clear to do- we haven't said yes to the community-based education… So what would they be doing? | **Remove**, but add as implementation consideration | **No** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | **Discussion** | **Action Updates** | | |
| | | | • Who is paying for this position? The City?<br>• Sounds like volunteer focus would be education. This needs a list of voluntary actions that would require work over-time.<br>• Maybe move to the implementation plan?<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **low-moderate** due to lower impact, moderate other benefits, and higher City costs. | | | |
| 89 | Housing access and coordination | Increase affordable housing and access that helps support community wellbeing (e.g., climate migration concerns, increase social cohesion). | **Inclusion/exclusion rationale:**<br>• Yes, Include (combine with 116)<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **moderate**. Needs to link to Housing Action Plan implementation more strongly. | **Merge** with 116 | **Yes, as part of 116** | N/A |
| 116 | Housing Action Plan implementation | Implement key provisions of the Port Angeles Housing Action Plan. This includes:<br>• Implement Cottage Housing Development (CHD) that allows small lot single family housing developers to construct these types of housing products in feasible and appropriate single family neighborhoods including Residential Single Family (RS-7, RS-9, and RS-11) zones where the added density will benefit from walkable distances to | **CAPG**: Approved since it was *the* highest priority action from MCA.<br>**Implementation consideration:**<br>• Done some of this in building residential capacity update (Implementation plan consideration). | **Add** Action 89 into this action description as bullet point. | **Yes** | 4.0 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
| | | | Discussion | Action Updates | Include in plan? | |
|---|---|---|---|---|---|---|
| | | existing transit, school, employment, community facility, and other supporting services. (**Complete**)<br>• Expand the definition of allowable innovative, functional, and cost-effective housing products such as duplex, attached single family, town or row houses, tandem houses, manor houses, congregate housing, micro housing, small efficiency dwelling units (SEDU), and mixed-use structures among others in the Residential Medium Density (RMD) and Residential High Density (RHD) zones. (**Complete**)<br>• Subdivide land into parcels that may be smaller than the minimum lot specified in the zoning district so long as the average of all of the lot sizes created remains equal to or above the minimum lot size. Lot size averaging is similar to cluster development in that it makes efficient use of the developable portions of a site building to the allowable density while protecting environmental and other features, and providing housing type developments that are compatible with the surrounding neighborhood (**Complete** - have infill development code now)<br>• Provide additional (height) floor, reduced parking ratios (completed by Council action to deprioritize parking - parking minimums), and increased site coverage for mixed-use projects that provide on or off-site affordable housing units within appropriate land use districts and overlays such as the Planned Residential Development (PRD), Planned Low Impact Development (PLID), Mixed Commercial Overlay (MCO), and Infill Overlay Zone (IOZ). | | | | |

| | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| ID | | | Discussion | Action Updates | | |
| | | • Model ADU plans to build accessible housing <br> • City-led pilot project on affordable housing | | | | |
| 36 | Climate migration policy | Integrate considerations for climate change migration in Comprehensive Plan update and into existing City policies (e.g., land use policies, housing policies), using a land capacity analysis to inform policy changes. | **CAPG**: Approved since one of the highest priority actions from MCA <br><br> **Inclusion/exclusion rationale:** <br> • This could be integrated into land use and housing… This would be forecasting so if this was included in those housing + land use forecasts would be streamlined. <br> • We have to integrate climate migration into our housing, land use, and infrastructure plans… So making that explicit. <br><br> **Suggested revision:** <br> • Assess climate migration impacts with forecasting every 5 years. And integrate those findings into comp plan, infrastructure plans, revenue forecasting, and housing assessments, etc.. (rather than have a climate change migration policy). | **Description**: Assess climate migration impacts with forecasting every 5 years. Integrate those findings into the Comprehensive Plan, infrastructure plans, revenue forecasting, and housing assessments. | **Yes** | 3.8 |
| 119 | Comprehensive climate outreach & education | Develop comprehensive climate outreach & education programs. The City will act as the technical and expert advisor, and partner with NODC to leverage resources. This includes: <br> • Renewable energy tours: Create a "renewable energy" or "energy efficiency" home tour, like a neighborhood garden tour or Master Gardener program, for neighbors to learn from each other | **Inclusion/exclusion rationale:** <br> • Include, with revision below (these things listed would be what a city volunteer coordinator would be doing—maybe for implementation planning) | **Second sentence revision**: The city will partner with NODC to leverage resources for technical and | **Yes** | 3.6 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | on how to implement renewable energy or energy efficient upgrades in their homes.<br>• Host community conversations in climate vulnerable locations to educate and train community on how to adapt to those climate impacts.<br>• Involve high school students in climate work and developing a yearly "Climate Action Report Card."<br>• Create a Climate Change Week to designate a week each year for City and community evaluation of the progress made on meeting community commitments and goals relating to reducing our contribution and vulnerability to climate change.<br>• Create a food waste reduction competition: Led by City; ask restaurants to be creative in how to reduce food waste; different neighborhoods doing different sustainability actions (e.g., how far your food traveled).<br>• Develop local demonstration projects and highlight local business' sustainability initiatives | | expert advice plus outreach and education. | | |
| 59 | Water supply monitoring & enhancement | Work with county and state partners to identify monitoring needs and enhance water supply monitoring. (e.g., improve forecasting for future water supply and demand under climate change, study ways to enhance water storage and groundwater aquafer recharge in the city) | **Inclusion/exclusion rationale:**<br>• Yes and merge with 122 (local groundwater strategy)<br>**Suggested revision:**<br>• The city will partner with NODC to leverage resources for technical and expert advice plus outreach and education. | **Add** action 122 into this action description.<br><br>**Description**: Work with county and state partners to identify monitoring needs and | **Yes** | 3.5 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | | | enhance water supply monitoring. (e.g., improve forecasting for future water supply and demand under climate change, study ways to enhance water storage and groundwater aquifer recharge in the city). This includes developing and implementing a local groundwater strategy that includes study of the local aquifer and actions to address groundwater issues near bluffs. | | |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| 17 | SLR vulnerability assessment | Conduct a sea level rise evaluation in conjunction with Clallam County and the NODC to evaluate the vulnerability of City assets including roads (motorized & non), other infrastructure (sewage treatment, water, buildings), and marine access. This includes:<br><br>• Reference the City Emergency Mitigation Plan to identify vulnerable infrastructure.<br>• Analyze sewer system capacity and vulnerability to sea level rise, and identify actions to increase resilience.<br>• Evaluate roads and structures along bluff crests for erosion threat with SLR for planned retreat and ecosystem restoration; minimize realignment and protection.<br>• Identify areas for action through the Capital Facilities Plan. | **CAPG**: Flagged as key foundational action to include.<br>**Inclusion/exclusion rationale:**<br>• YES, not a big lift or risk?<br>• Coastal assets on the spit (maybe more an issue for coast guard)? | **Short Name**: SLR vulnerability assessment of City assets | **Yes** | 3.5 |
| 13 | Sustainable agriculture | Partner with NODC to designate funding to promote and establish urban sustainable agriculture/food forests. This may include:<br><br>• Encourage partnerships between local farms/farmers and residents to establish local food production projects.<br>• Create agreement and resource availability systems for allowing gardening for food, habitat, or both in the right-of-way (e.g., planting strips).<br>• Explore the feasibility of water utility pricing incentives and grey water to conserve and reuse water. | **Inclusion/exclusion rationale:**<br>• As written not a top priority, longer term priority<br>• Shift away from sustainable ag and food forests and refocus on food security<br>**Suggested revision:**<br>• Make PA food secure- promote sustainable ag, multiple sources for food procurement for food security. | **Description**: Make Port Angeles food secure- promote sustainable ag, multiple sources for food procurement for food security. | **Yes** | 3.4 |
| 115 | Hazard Mitigation Plan | Implement key provisions of the 2019 Hazard Mitigation Plan: | **CAPG**: Flagged as key foundational action to include.<br>**Inclusion/exclusion rationale:** | None | **Yes** | 3.3 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|----|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | | City could include a price of carbon in their investment decisions. (needs a rewrite) **Suggested revision:** <br>• Assess the role of carbon pricing in driving equity and resilience. Build explicit price of carbon in city procurement decisions | driving equity and resilience outcomes. Build explicit price of carbon in city procurement decisions | | |
| **Strategy 2: Prepare for extreme events** | | | | | | |
| 88 | Climate resiliency hubs | Create climate resiliency hubs at key locations (e.g., library) to support residents during extreme events such as flooding or heat waves. | **Inclusion/exclusion rationale:** <br>• Move to #86. | **Merge** with 86 | **Yes, as part of 86** | N/A |
| 86 | Climate resilience & emergency planning | Continue to collaborate with emergency planning partners to: <br>• Integrate climate considerations into emergency and hazard mitigation planning. <br>• Implement city-wide emergency planning exercises and education (i.e., Map Your Neighborhood) to build community resilience during emergency events. | **CAPG**: Approved since one of the highest priority actions from MCA. | **Add** action 88 into this actin description as bullet point. | **Yes** | 3.7 |
| 14 | Wildfire urban interface | Update municipal codes to account for enhanced fire risk at forest/residential interface where needed. Reference the International Wildland-Urban Interface Code. Updates could include: <br>• Require jurisdictions to provide warning of properties that lie in the fire hazard areas. <br>• Require new construction and incentivize existing buildings to install venting and other features that resist ember wash ignition. | **Inclusion/exclusion rationale:** <br>• Maybe a better place for defensible space, but change to "educate on FireWise"? <br>• Concerns of requiring different construction codes. Increases cost of construction. Need to have the evidence that fire is risk. <br>• Regulations are driving price of housing up and we need more | **Description**: Provide education and incentives for new construction and incentivize existing buildings to install venting | **Yes** | 3.4 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | | housing because houseless community at greater risk for loss of life. Opposition to requiring building codes/firewise. | and other features that resist ember wash ignition. | | |
| 115 | Flood vulnerability and risk | Work with state partners to encourage FEMA to incorporate climate change in rate maps and guidance. | **Inclusion/exclusion rationale:**<br>• No? Does the city have influence on FEMA? Maybe the County and/or State? | **Remove** | **No** | 2.9 |

# ECOSYSTEM HEALTH

## Status

|  | Pre-workshop | Post-workshop |
|---|---|---|
| Actions to include in Plan | 5 | 14 |
| Actions to exclude from Plan | 0 | 3 |
| Undecided actions | 13 | 1 |

## Discussion

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | |
| **Strategy 1: Restore and protect natural habitat** | | | | | | |
| 50 | Submerged habitat monitoring | Work with DNR and the Clallam County marine resources committee to complete a survey of sensitive submerged habitats and the species that utilize them and monitor them for change. | **Implementation considerations:**<br>• Seems like a good project – could work create project with Peninsula College and UW students/interns – may be some existing grant money to put towards this effort<br>• Work with local tribes and their biologists on this action<br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similarly to similar Ecosystem Health actions in the bottom 20** of MCA results (e.g., wildlife corridors). | None | **Yes** | N/A |
| 53 | Climate sensitive tree species | Utilize climate sensitive (adaptable) tree species in riparian buffers. | **Inclusion/exclusion rationale:**<br>• Very important for salmon recovery, particularly due to logging<br>• Lot of riparian area that could use help<br>• Are they native? Important to use native species – | **Description**: Consult with tree experts to utilize climate sensitive (adaptable) | **Yes** | N/A |

| | | | Workshop Outcomes | | | |
|---|---|---|---|---|---|---|
| ID | Action Short Name | Action Description | Discussion | Action Updates | Include in Plan? | MCA Score |
| | | | **Votes:**<br>• 1 yes<br>**Suggested revisions:**<br>• Consider using native plants to close jurisdictions (Thurston County)<br>• Add language "Consult with tree experts" detrimental to use invasive/non-native species<br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similarly to similar Ecosystem Health actions in the bottom 20** of MCA results (e.g., wildlife corridors). | tree and native species in riparian buffers. | | |
| 54 | Culvert replacement | Replace undersized culverts to anticipate climate influenced run-off events and renovate outdated culverts to support fish populations. | **Inclusion/exclusion rationale:**<br>• Involve schools<br>• Is this action outside of the city's scope? Seems like more of a State/federal action<br>• City has probably already inventoried problem culverts<br>• Yay to culvert removals and reducing land-based pollutants! We surrounded by sensitive water bodies<br>**Votes:**<br>• 1 yes<br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similarly to similar Ecosystem Health actions in the bottom 20** of MCA results (e.g., critical area protection). May score a bit higher due to benefits to salmon. | None | **Yes** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | |
| 55 | Land-based pollutant reduction | Reduce land-based pollutants that enhance acidification in marine waters. | **Inclusion/exclusion rationale:**<br>• Biggest impact would be changing parking requirements – doesn't cost the city anything<br>**Votes:**<br>• 3 yes<br>**Implementation consideration:**<br>• Since its non-point source, might be paired with public education effort about disposing of chemicals<br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similar to "coastal erosion reduction."** Score **may be slightly higher** due to benefits to marine habitat. | None | **Yes** | N/A |
| 117 | Capital Facilities Plan implementation | Implement key provisions of the 2022-2027 Preliminary Capital Facilities Plan Transportation Improvement Plan. This includes:<br>• H Street stormwater outfall: Identify an alternative alignment for failing pipe between Marine Drive and reduce flooding near Crown Park neighborhood.<br>• N Street Outfall: Improve the N Street Outfall to minimize future localized erosion and allow for monitoring and maintenance.<br>• Francis St Outfall Repair: Repair the Francis Street Outfall. The culvert is currently buried in beach | **CAPG**: Need to begin planning for infrastructure resilience in early phases. Discussed but did not recommend for inclusion/exclusion from Plan.<br>**Implementation considerations:**<br>• Who are our allies and where to they get their funding? Leverage partners for funding.<br>**Votes:**<br>• 2 yes<br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similarly to "Hazard Mitigation Plan implementation"** | None | **Yes** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | |
| | | sediment and should be a pipe on the riprap bank with a dissipater.<br>• Valley Creek Culvert & Outfall: Raise the Valley Creek Culvert & Outfall. Currently, sediment repeatedly fills the culvert, reducing capacity.<br>• Wastewater Pump Station 3 Upgrade between Marine Drive and Hill Street.<br>• Daylight Valley and Tumwater Creeks.<br>• Recouple First and Front Streets as two-way streets. | | | | |
| 9 | Urban tree canopy, parks, and open space | Protect urban tree canopy, parks, and open space. This may include:<br>• Develop a tree protection ordinance that emphasizes older trees.<br>• Incentivize urban tree planting, especially in public areas (e.g., street planting strips). | **CAPG**: Approved since one of the highest priority actions from MCA. | None | **Yes** | 3.6 |
| 37 | Coastal erosion reduction | Encourage soft armoring of shorelines to protect infrastructure and habitat, particularly along Ediz Hook. Implement native vegetation and other natural resource management practices to reduce landslides and coastal erosion | **CAPG**: Approved since one of the highest priority actions from MCA. | None | **Yes** | 3.4 |

| | | | Workshop Outcomes | | | |
|---|---|---|---|---|---|---|
| ID | Action Short Name | Action Description | Discussion | Action Updates | Include in Plan? | MCA Score |
| 24 | Shoreline Master Program updates | Incorporate climate change more explicitly into the Shoreline Master Program. | **CAPG**: Identified as key foundational action to include. | None | **Yes** | 3.3 |
| 26 | Harmful algal bloom monitoring | Work with Port Angeles Harbor Clean-up partners, as well as NOAA, to increase funding to monitor harmful algal blooms in the Port Angeles harbor. | **Inclusion/exclusion rationale:**<br>• Same partners as the other marine study, including tribes<br>• Huge priority for Makah<br>• Haven't had big issues on the Elwha with HAB – seen more in freshwater bodies. More important to do on near shore environments.<br>• Little bit lower priority – this issue is mostly related to farming and freshwater water bodies<br>• Could be relevant is in Lake Sutherland<br>• Bigger issues is invasive species<br>**Vote:**<br>• **Maybe but lower priority; 1 yes** | | **No: Important issue on Peninsula, but not for this Plan** | 3.3 |
| 25 | Critical area protection | Add climate impact overlays to existing "Critical Areas". Create critical area flood mapping beyond FEMA's historical flood data to inform future development and support prohibition of permanent infrastructure in those areas. | **CAPG**: Identified as key foundational action to include. | None | **Yes** | 3.2 |
| 51 | Wildlife corridors | Enhance, restore, and protect wildlife corridors to help wildlife adapt to climate impacts. Potential corridors include: | **Inclusion/exclusion rationale:**<br>• Low priority – bigger issue for Seattle (seconded agreement) | **Reduce** community support score.<br>**New MCA score**: 3.0 | **No** | 3.1 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | MCA Score |
| | | • Six creek valleys<br>• Marine bluff<br>• Areas within west-side forests | • Thanks to past leaders the City has been protecting these corridors – already see wildlife in yards | | | |
| 27 | Salmon habitat protection | Work with local ecological restoration partners (e.g., Clallam County Streamkeepers) to monitor and analyze climate change impact at salmon stream restoration sites and 6 creeks in the City. Use the Habitat Recovery Pilot Program to support restoration efforts. | **Inclusion/exclusion rationale:**<br>• Salmon habitat - Very important - for ecology, economics, and local culture<br>• ^ Agree. Salmon are huge resource for this area<br>**Vote:**<br>• **2 yes** | **Increase** community support score.<br>**MCA score remains**: 3.0 | **Yes** | 3.0 |
| 49 | Native plant landscaping | Incentivize use of native plants landscaping in residential, commercial, and industrial settings within the City (e.g. partner with the County, Clallam Conservation District, and Lower Elwha Klallam Tribe's Natural Resources Department). | **Implementation considerations:**<br>• May sound unimportant, but is the root of many things (difficult and costly to revert invasive species damage)<br>• ^ Agree – Is difficult to plant native plants in unforested areas; are there ways to phrase this around that?<br>• Encourage the Conservation District, Master Gardeners, and nurseries to educate folks on local species<br>**Vote:**<br>• **2 yes** | None | **Yes** | 2.7 |
| **Strategy 2: Address sea level rise** | | | | | | |
| 118 | Resilience of clean-up sites | Evaluate and address sea level rise in local clean-up sites. This includes: | **CAPG**: Need to begin planning for infrastructure resilience in early phases. Discussed but did not recommend for inclusion/exclusion from Plan. | None | **No Decision** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | |
| | | • Raynoier Mill: Evaluate the Raynoier Mill contamination remediation site and settling pond for sea level rise resilience. Reduce any vulnerabilities found from the evaluation.<br>• Western Port Angeles Harbor: Address SLR in Clean-up Actions.<br>• K Ply properties: Clean-up plans for K Ply properties should address SLR.<br>• Marine Drive: Clean-up plans should address SLR.<br>• Marine Trades Area: Clean-up should address SLR.<br>• Assess Capital Facilities Plan project on: (1) how it modifies GHG emissions or sequestration? (2) how it helps us adapt to increased natural hazards (coastal flooding, winter freezes, summer heat, wildfire, drought)? and (3) how it contributes to a resilient low-energy-use urban landscape? | **Inclusion/exclusion rationale:**<br>• Is very important but cleaning up sites is a little separate from climate action – should just cleanup sites ASAP. Deprioritize<br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similarly or higher than "wastewater facility GHG" study.** | | | |
| 97 | CBA of armor repair | Conduct Benefit-Cost Analysis of shoreline armor repairs along Olympic Discovery Trail, Hill Street west, and both sides of Ediz Hook. Address concerns of Native American burial remains on the shoreline. | **Vote:**<br>• 1 yes<br><br>**Consultant comments for non-MCA actions:**<br>• Likely to perform **similarly to other coastal baseline assessments**. **May be slightly higher** due to Ediz Hook focus area. | None | **Yes** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| 104 | Boat launch repair | Repair the boat launch at Ediz Hook, incorporating sea level rise and coastal storm projections to ensure resilience to future conditions | **Vote:**<br>• 1 yes<br><br>**Consultant comments for non-MCA actions:**<br>• Likely to score **low-moderate** as small-scale infrastructure project that is important to community. | None | **Yes** | N/A |
| **Strategy 3: Increase opportunities for carbon sequestration and storage** | | | | | | |
| 114 | Forest and marine habitat preservation | Partner with organizations and individuals (e.g., National Marine Sanctuary, Olympic NPS/NF, NOAA, PSP WA DNR, WA DFW, FMLC, and private timber landholders) and the Lower Elwha Klallam Tribe to preserve forest and marine habitats, developing new strategies where needed. | **CAPG**: Approved since one of the highest priority actions from MCA. Acknowledge that the City owns land in the Morse Creek Watershed. | | **Yes** | 3.9 |
| **Strategy 3: Increase carbon sequestration potential** | | | | | | |
| 28 | • Extension of timber harvest rotation | Work with the County to encourage timber companies to extend timber harvest rotation times, as longer aged trees will sequester more carbon. | **Vote:**<br>• 1 yes, 2 No | | **No** | 3.0 |

## BUILDINGS AND ENERGY

### Status

|  | Pre-workshop | Post-workshop |
|---|---|---|
| Actions to include in Plan | 4 | 8 |
| Actions to exclude from Plan | 1 | 2 |
| Undecided actions | 10 | 5 |

### Discussion

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
|  |  |  | Discussion | Action Updates | Include in Plan? |  |
| **Strategy 1: Mitigate energy-related GHG emissions** | | | | | | |
| 12 | Green incentive program | Develop green incentive programs for residential and commercial development. | **Inclusion/exclusion rationale:**<br>• Include if it subsumed some of the other actions (policy level)<br>**Implementation considerations:**<br>• May be an overlap with other similar types of programs. Certification programs and awards might make it more holistic. Create a unique set of standards?<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **low.** Could be improved by leveraging state programs or combining with other actions. | None | **Yes** | N/A |
| 69 | Low-impact development | Eliminate barriers that prevent the use of low impact development techniques | **Inclusion/exclusion rationale:** | None | **No decision** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | |
| | | and BMPs, such as vegetated roofs, permeable pavement, and bioretention, while maintaining safety and aesthetic quality in the building process. (e.g., work with financial institutions to lower barriers to non-traditional, green building practices.). Provide LID demonstration/education sites on city property. | • Low Impact can be defined in energy use as well. Green subdivision design?<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **low-moderate** due to low impact. Would be strengthened by combining with "green incentive program." | | | |
| 71 | Green energy | Purchase green energy from the grid. | **CAPG**: This will likely be done already in the BPA Renewal agreement. Also, fairly low impact since most of energy is hydropower.<br>**Consultant comments for non-MCA actions:**<br>• Was evaluated as part of BPA renewal agreement | None | **No** | N/A |
| 74 | Efficient outdoor lighting | Convert streetlights to LED and install photovoltaic panels on existing buildings and for stand-alone lighting on streets and in parks where appropriate and productive. | **Consultant comments for non-MCA actions:**<br>• Likely to score **low** due to low impact and low-moderate on most other criteria. | None | **No decision** | N/A |
| 75 | Promote Green Business certification | Set goals for government departments and encourage all local businesses to become certified by the Green Business program of Jefferson County Health. | **Consultant comments for non-MCA actions:**<br>• Likely to score **low** due to low impact. Could be integrated with City and community sustainable purchasing as an incentive. | None | **No decision** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| 83 | EV parking requirements | Mandate that all multifamily housing and other types of housing have EV parking capacity. Include incentives in the code to support bicycle storage (i.e., racks) and ride share amenities. | **CAPG**: Approved since one of the highest priority actions from MCA. | None | **Yes** | 3.4 |
| 4 | Energy efficient home heating sources | Incentivize homeowners to switch heating sources from wood-burning stoves and propane to high-efficiency electrical heaters and other less carbon intensive sources. Leverage existing BPA program and state and federal funding sources. | | None | **Yes** | 3.2 |
| 3 | Energy efficiency retrofits | Incentivize redevelopments to include energy efficient retrofits, such as weatherization and energy efficient appliances, while avoiding the split incentive. Prioritize based on conservation potential and ability to alleviate financial stress for those who are energy-burdened. | | None | **Yes** | 3.1 |
| 10 | Net metering monitoring | Monitor net-metering uses to track progress, growth, and changes. Incentivize large, private energy users (Port of PA, Olympic Medical Center, etc.) to disclose their energy use per building. | | None | **No decision** | 3.1 |
| 11 | Green Building standards | Develop climate-smart Green Building standards for all City-owned buildings and develop a green building program. This should include: | **Inclusion/exclusion rationale:** <br> • Already created. Don't need to recreate the wheel | **Remove** | **No** | 3.0 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | • Climate-smart permitting: Incorporate future climate change scenarios when calculating level of service for permitting city facilities and services.<br>• LEED (or comparable, e.g., Living Building Challenge (LBC)) certification: Build all new City buildings and develop sites to at least a LEED Silver criterion for energy, water and waste conservation strategies (e.g., Architecture 2030, LBC certification).<br>• Conduct energy audits for each city or county owned buildings and infrastructure (includes hospitals and school districts) to develop and implement a plan to reduce energy consumption. Instate a fee for properties that do not meet their audit targets. | | | | |
| 5 | BPA renewal agreement | Review and renegotiate Bonneville power franchise agreement and ensure renewable, resilient, and low-GHG emission sources that protects healthy habitat for salmon and other aquatic species. Include the option to purchase green energy from the grid and other power providers. | **Inclusion/exclusion rationale:**<br>• This is related to Action 71. Should be higher on the list. | **Move** up below Action 71 | Yes | 2.9 |
| **Strategy 2: Reduce vulnerability** | | | | | | |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| 52 | Acquisition program | Develop a combined grant/district program for acquisition of high-risk structures in coastal or riverine flood zones. | **CAPG**: Need to begin planning for infrastructure resilience in early phases.<br><br>**Consultant comments for non-MCA actions:**<br><br>• Likely to score **moderate-high** because of impact and equity benefits. Relies on baseline assessments. | None | **No decision** | N/A |
| 64 | Retrofit buildings for vulnerability | Disincentivize development and remove existing infrastructure in the coastal nearshore (i.e., managed retreat). If not possible, retrofit infrastructure for coastal flooding and sea level rise. Consider hard shoreline protection in certain areas, such as bluff crests where infrastructure needs to be realigned and protected. This action would be informed by the SLR vulnerability assessment. | **CAPG**: Need to begin planning for infrastructure resilience in early phases. Approved since one of the highest priority actions from MCA. | None | **Yes** | 3.5 |
| 48 | Climate-smart finance policies | Disincentivize building in high-risk areas, add filing to property record, and financially prepare for development that may still continue in high-risk areas such as stream ravines and marine bluffs (e.g., require long-term bonds) | **CAPG**: Need to begin planning for infrastructure resilience in early phases. This action is also important for funding long-term projects. | None | **Yes** | 3.3 |
| **Strategy 3: Increase resiliency of energy systems** | | | | | | |
| 2 | Community renewable energy grid | Invest in capital projects that develop community energy projects (e.g., local microgrids, local solar project) to ensure | **CAPG**: Approved since one of the highest priority actions from MCA. | None | **Yes** | 3.6 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|----|-------------------|-------------------|-------------------|--|--|-----------|
|    |                   |                   | Discussion | Action Updates | Include in Plan? | |
|    |                   | there is energy supply redundancy, especially with the City or neighborhoods lose power. Consider partnerships with Clallam PUD and low- or zero-rate homeowner credit. | | | | |

## CONSUMPTION AND WASTE

*Status*

|  | Pre-workshop | Post-workshop |
|---|---|---|
| Actions to include in Plan | 3 | 8 |
| Actions to exclude from Plan | 0 | 2 |
| Undecided actions | 7 | 0 |

*Discussion and Outcomes*

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
|  |  |  | **Discussion** | **Action Updates** |  |  |
| **Strategy 1: Promote sustainable consumption** | | | | | | |
| 22 | Asphalt recycling plant | Work with State legislators to encourage support for asphalt recycling plant for rural areas. | **Inclusion/exclusion rationale:**<br>• Need lots of county and city support<br>• Need to identify funding source<br>• Impact: Does it only become impactful when this is don't in bulk<br>• Cost: astronomical but not if city pays for it<br>• Community support: Unsure of any<br>• Equity: Unsure<br>• Co-benefits: High – there may be other co-benefits by decreasing oil imports to the Peninsula. If this is crushed locally, it can lead to cost and import co-benefits.<br>• Contact local businesses to use reuse waste<br><br>**Consultant comments for non-MCA actions:**<br>• Likely to score **low-moderate** due to higher impact sector but higher costs and moderate on other benefits (i.e., not a promising green sector). | None | **No** | N/A |

| | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| ID | | | Discussion | Action Updates | Include in Plan? | |
| 56 | Water consumption education / incentives | Reduce water consumption through education and incentive programs. For example: <br>• Create a smart grid water use system and share data with consumers to increase conservation. <br>• Promote and incentivize smart irrigation technologies for golf courses and parks. <br>• Update water rates to discourage lawn watering lawns. <br>• Provide incentives for efficient food cultivation. | **Inclusion/exclusion rationale:** <br>• Good item, but maybe less of a priority given other more pressing issues <br>• ^ Agree. City may already have a plan to deal with water issues. Pressure to deal with this issue, but maybe this isn't the place to focus on water consumption. <br>• But more about resiliency than climate action <br>**Vote:** <br>• 1 yes, 1 maybe <br>**Implementation consideration:** <br>• Grant funding for drip irrigation <br>**Consultant comments for non-MCA actions:** <br>• Likely to score **similar but lower than "comprehensive climate change education and outreach"** | None | **Yes** | N/A |
| 108 | Producer responsibility | Work with the State to impose state statewide producer packaging fee to disincentivize use of intensive packaging. Use revenue from fees to fund local climate mitigation/adaptation projects. | **Implementation considerations:** <br>• How will this reduce GHG emissions? <br>• What will the repercussions be if we do this? (i.e., Safeway plastic bag ban: example of going around legislation) <br>• Key will be to simply reduce the amount of single use plastic used – plastic is very hard to recycle; should instead focus on eliminating its use <br>• Wise to require producers to reduce single use plastic use and invest revenue elsewhere <br>• Good action. Realistically, the state will have to drive producer responsibility actions. Seems a bit too specific. Amend action to reduce some specificity to align with state action. Revision seconded. | None | **No** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | Include in Plan? | |
| | | | **Vote:**<br>• City breakout room: No<br>• Mike's breakout room: 1 Yes, 1 Maybe<br>**Consultant comments for non-MCA actions:**<br>• Likely to score **moderate** due to higher impact but low-moderate on other factors. | | | |
| 7 | City and community sustainable purchasing | Utilize a "Green Team" model to develop sustainable purchasing policies for the City and community. | **CAPG**: Approved since one of the highest priority actions from MCA. | None | **Yes** | 3.7 |
| 20 | Commercial food waste diversion programs | Consistent with the County Solid Waste Management Plan, work with the County to develop food waste diversion and composting programs for commercial businesses, such as diverting food waste to donation programs, placing compost bins around the city, and identifying end-use applications for compost, to reduce climate changing gases that are emitted when organics rot in landfills. | **Inclusion/exclusion rationale:**<br>• Good action. We are lacking commercial food waste programs.<br>Voting:<br>• 2 yes, 1 maybe<br>**Implementation considerations:**<br>• Partner with local farms if possible<br>• Would work if voluntary<br>• Our transfer station sells compost – the Highschool in Sequim has horticulture class and sells compost<br>• Encourage Master Gardeners to ramp up existing programs<br>• A lot of spinoffs and extra things that can be associated. Coordinating with already existing programs. Can be a pilot program | None | **Yes** | 3.3 |
| 21 | Residential food waste diversion programs | Consistent with the County Solid Waste Management Plan, develop food waste diversion program for households such | **Implementation considerations:**<br>• Partner with local farms if possible | **Reduced** Community support MCA score. | **Yes** | 3.3 |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| | | as using green waste bins for compost to eliminate landfilling of food waste that cause methane emissions. | • Would work if voluntary – we currently have lawn waste bins – unsure if this is going to compost or not. Fee through City.<br>• Encourage Master Gardeners to ramp up existing programs<br>• Not as much of a priority as Commercial<br>**Vote:**<br>• 1 yes, 1 maybe | **MCA score remains**: 3.3 | | |
| **Strategy 2: Eliminate/reduce single use plastics** | | | | | | |
| 105 | Single use plastics | Work toward limiting or banning single-use plastics and Styrofoam packaging. | **Inclusion/exclusion rationale:**<br>• Styrofoam needs to go- look at our coastline<br>• Already done, but companies find ways to get around it. Needs reframing. See suggested rewrite in Action Updates column.<br>**Vote:**<br>• Mikes breakout room: 2 yes<br>• City breakout room: No<br><br>**Consultant comments for non-MCA actions:**<br>• Likely to score similar to City and community waste diversion actions (**low-moderate**). | **Short Name**: Plastic packaging reductions<br><br>**Description**: Limit plastic packaging in conjunction with state and federal programs | **Yes** | N/A |
| **Strategy 3: Increase diversion from landfills** | | | | | | |
| TBD | Circular economy action plan | Develop a circular economy plan. | **Inclusion/exclusion rationale:**<br>• Action identified after City Council asked consultant team about more ambitious actions needed to reach carbon neutrality by 2030 goals. | None | **Yes** | N/A |

| ID | Action Short Name | Action Description | Workshop Outcomes | | Include in Plan? | MCA Score |
|---|---|---|---|---|---|---|
| | | | Discussion | Action Updates | | |
| 106 | Circular economy | When bringing trash to landfill, various groups/orgs can pull out different types of materials out. What's left over goes to landfill. Waste diversion and focus on reuse/circular economy.<br><br>• Donate materials to local organizations, such as Around-Again, Habitat Store, Goodwill, Serenity House Thrift Store.<br>• Conduct a waste feasibility study to identify waste diversion rates and reuse opportunities. | **Inclusion/exclusion rationale:**<br>• Definitely in support of reuse and recycling<br>**Implementation consideration:**<br>• Support but not feasible at the city level – phrase as a low priority<br>**Consultant comments for non-MCA actions:**<br>• Circular economy, in general, is a key gap in actions that were evaluated and is needed to meet carbon neutrality by 2030. This action is likely to score **moderate-high.** | **Short Name:** Beneficial materials reuse | Yes | N/A |
| **Strategy 4: Decrease waste-related GHG emissions** | | | | | | |
| 19 | Wastewater facility GHG | Evaluate wastewater facility to reduce GHG emissions. | **CAPG**: Approved since one of the highest priority actions from MCA. | **Short Name:** Wastewater facility emissions reduction | Yes | 3.7 |

36

## TRANSPORTATION

**Current status:**

- 6 actions already flagged for inclusion.
- 1 action to exclude (because a non-starter unpopular action).
- 3 actions to make decisions on.

Due to workshop time constraints, this sector was prioritized last and as a result did not receive a review. It was deprioritized because: a) it had the fewest number of actions that still required a decision, and b) because transportation is the largest source of GHG emissions, we anticipated all actions in this section to be included in the final Climate Resiliency Plan.

## DEMOGRAPHICS POLL

Mike closed out the workshop by providing an overview of how participant feedback from both workshops would be in incorporated into final plan and thanked all participants for their valued contributions.
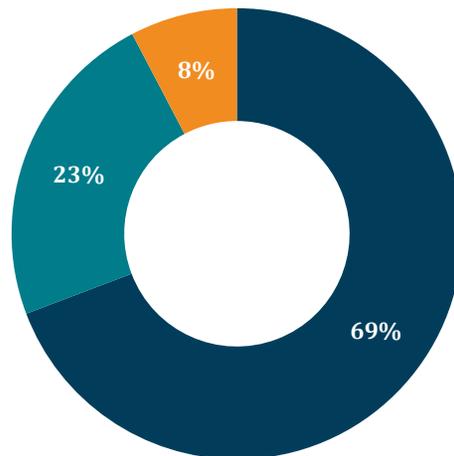
As a final step, Mike prompted the remaining **13 participants** to participate in the following voluntary demographics polls:

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

Of the 13 participants, nine (9) identified as White/Caucasian, three (3) selected "I prefer not to say," and one (1) did not respond.
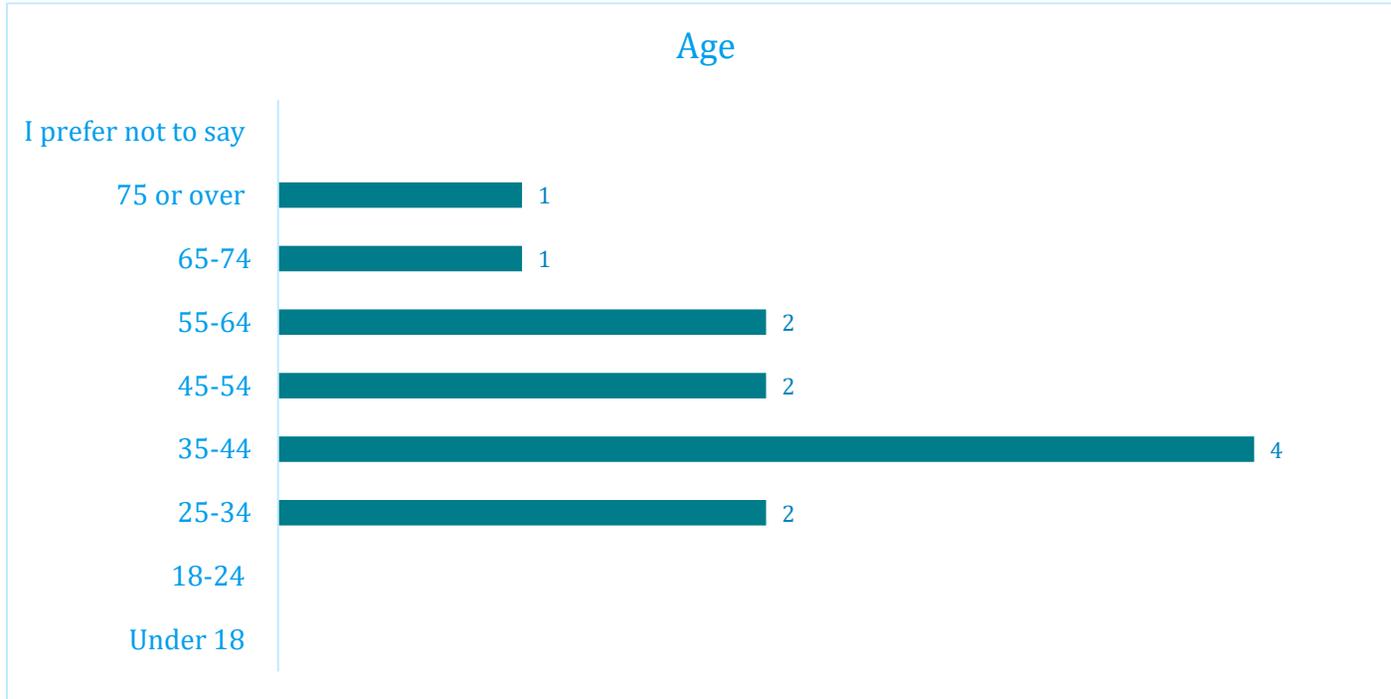
### Racial Identity

■ White or Caucasian    ■ I prefer not to say    ■ No response
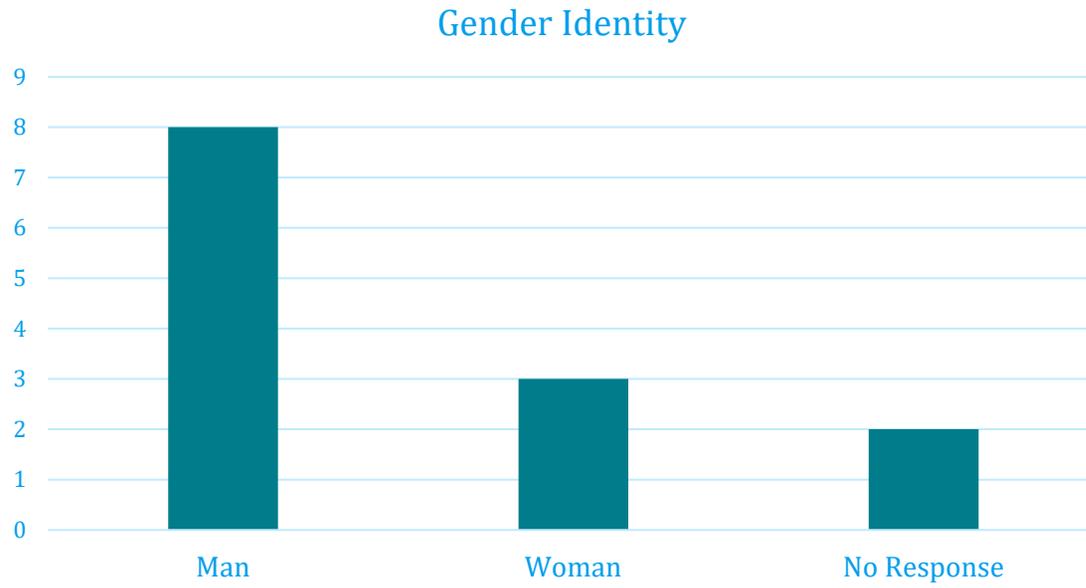


8%

23%

69%

*What is your age?*

Of the 12 participants who responded, four (4) were 35-44 years old.

*What is your gender identity?*

Of the 13 participants, three (3) identified as a woman, eight (8) identified as a man, and two (2) declined to respond.

## Gender Identity

*How did you hear about this workshop?*

Of the 12 participants who responded, three (3) said they said about this workshop through email and another (3) heard about it through a community organization.

| Category | Value |
|---|---|
| None of the above | 2 |
| Social media | |
| Flyers/Mailers | |
| Email | 3 |
| City of Port Angeles website | 2 |
| Tabling event | 2 |
| Community organization | 3 |
| Word of mouth | |