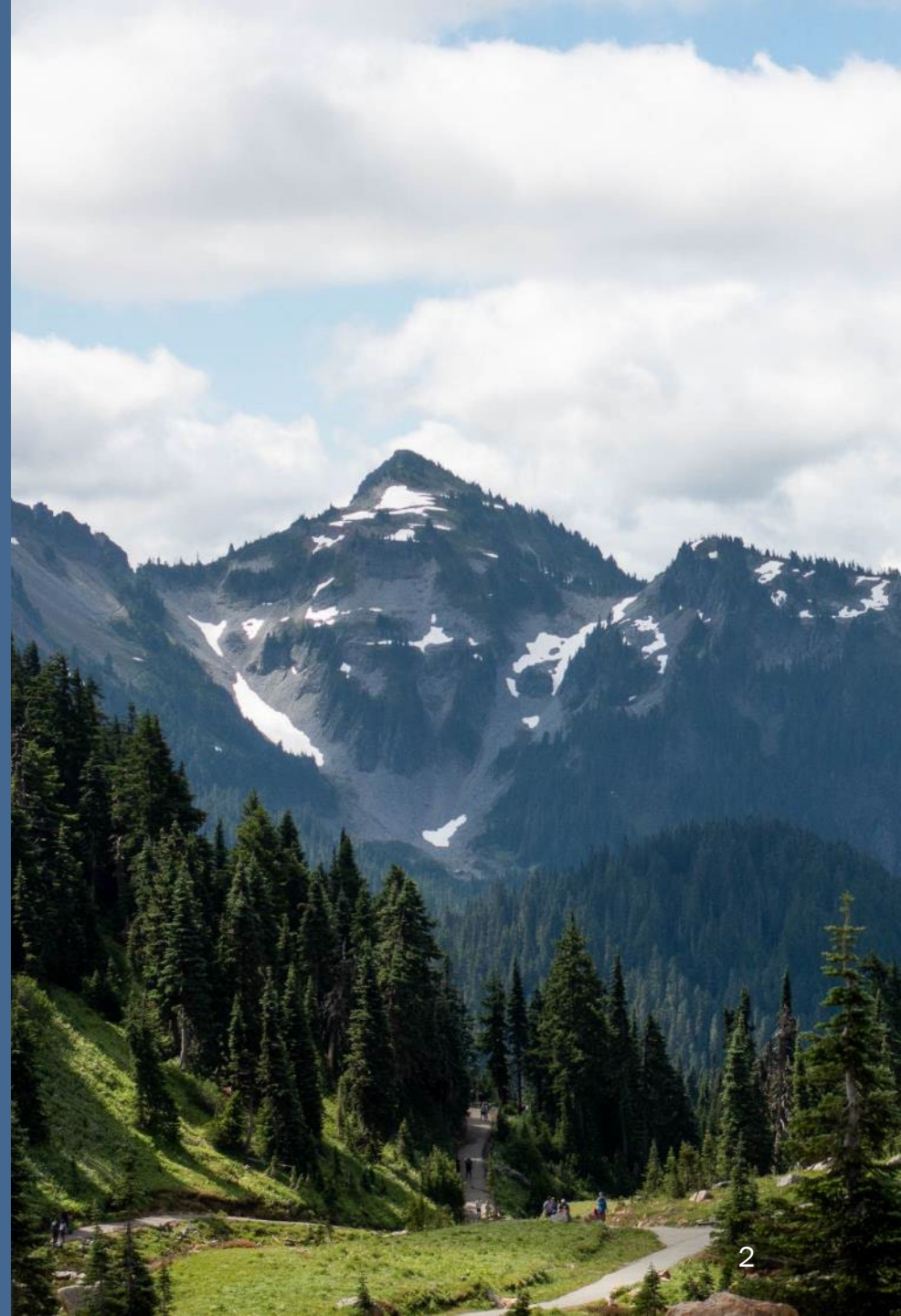


6PPD Action Plan: Advisory Committee Reflection and Look Ahead

May 21, 2024, from 10 a.m. to 12 p.m.



Welcome



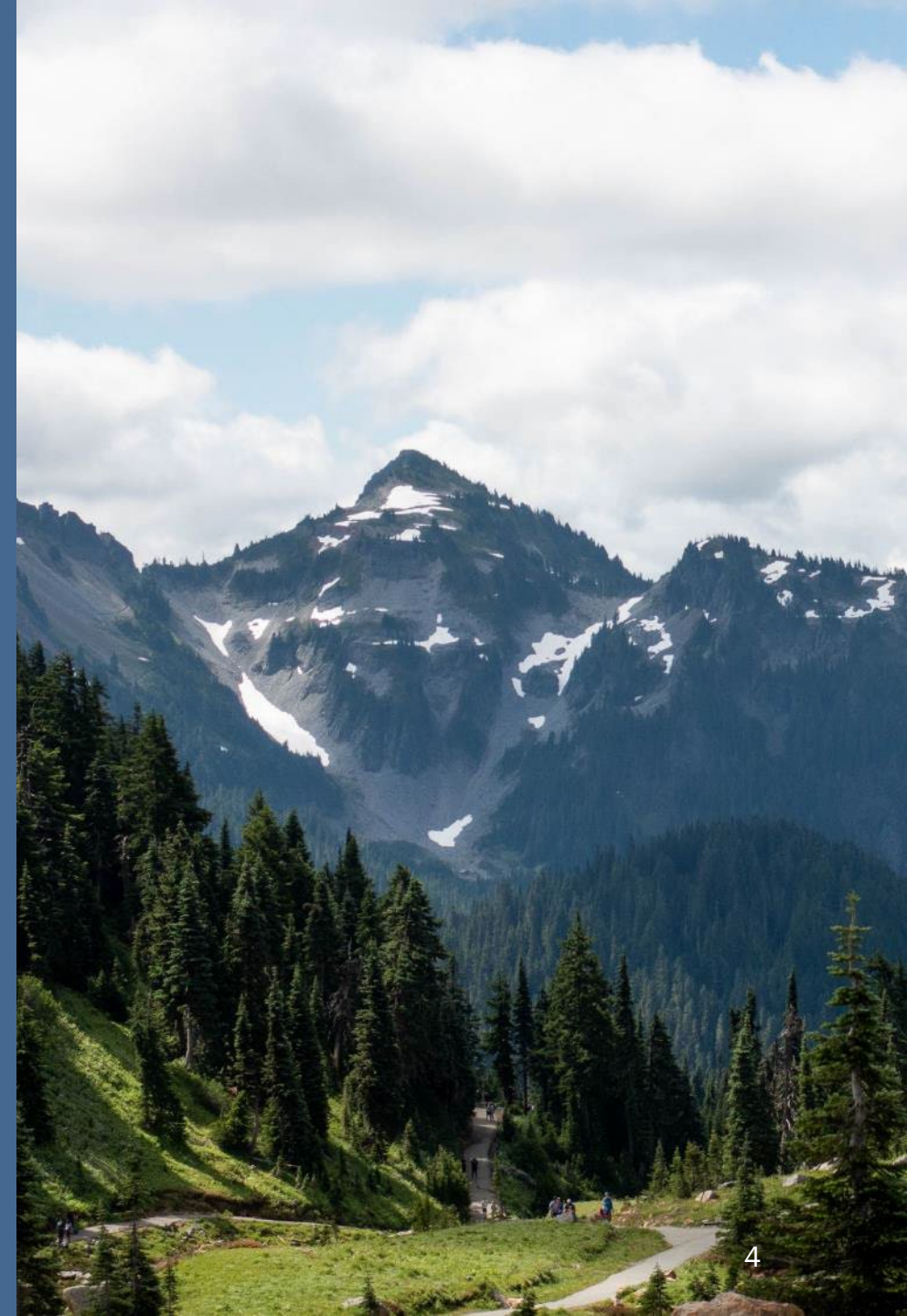


Agenda

- Welcome
- Schedule and updates
- Recommendation updates
- Small group discussion
- Report out and discussion
- Next steps



Schedule and Updates





6PPD Leg Report and Action Plan Phase 1 Timeline

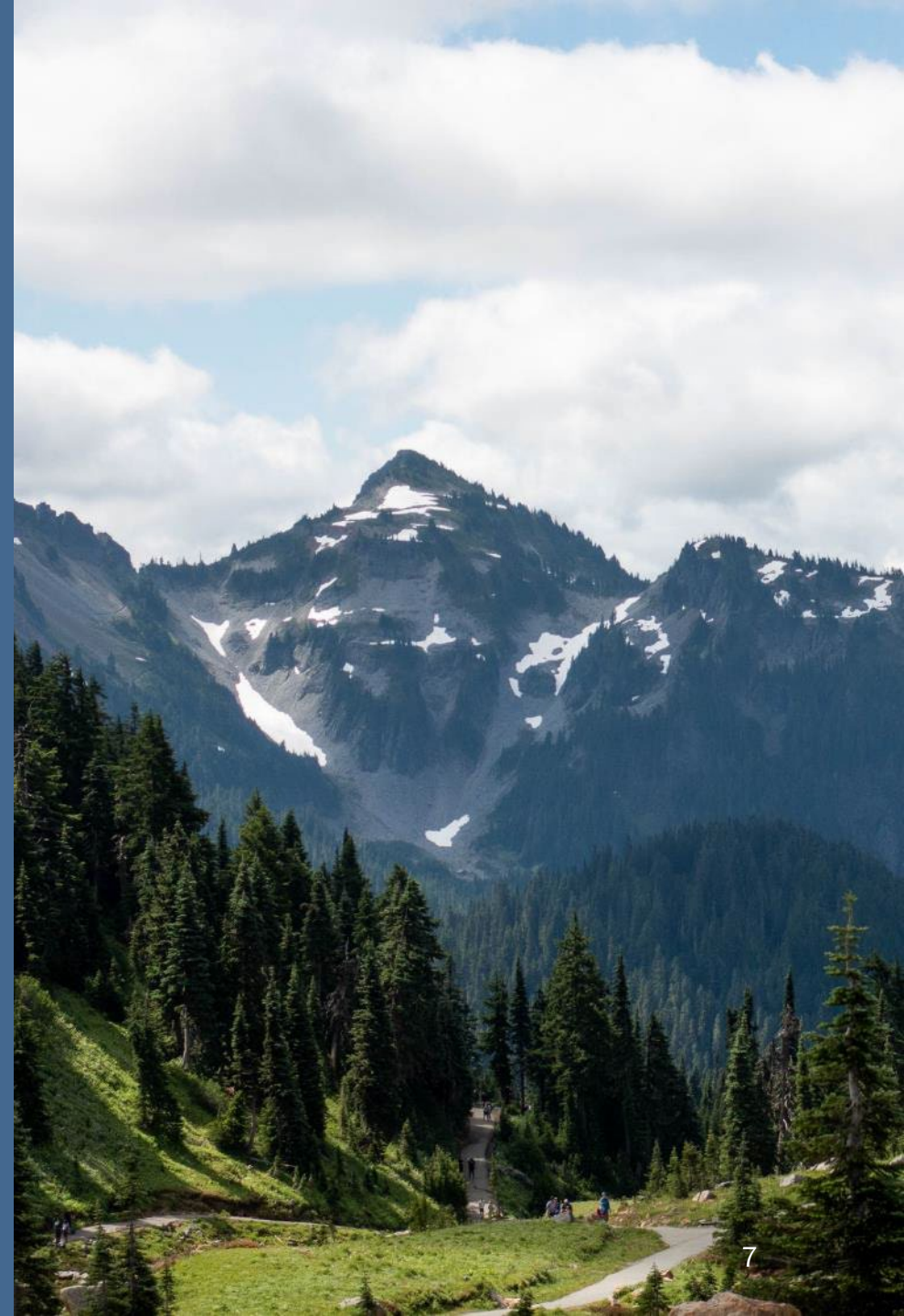
- **June 2024**
 - Ecology staff finalize draft
- **June 2024 - December 2024**
 - Agency management, Government Relations, and Governor's Office review
- **December 2024**
 - Phase 1 of the Action Plan is published as part of the 6PPD Legislative report

Meeting Minutes

- We will take notes and compile all input for the advisory committee to review.
- Meeting #5
 - We sent a copy of our meeting minutes on April 29 for your review and feedback.
 - If there are no objections, we will finalize our April 17 meeting notes.



Updates to Phase 1 Recommendations



Recommendations

- Some will be supported by budget package for 25-27 biennium.
- Others earmarked for scoping to determine feasibility and approach.
- We will share any significant changes with the advisory committee.



Photo: WA Department of Ecology



Environmental Justice

- Develop an environmental justice project plan that meets the requirements of the HEAL Act.
- Establish a statewide 6PPD communications collaborative group.
 - Seek funding to support reporting and risk communication on 6PPD and 6PPD-q in overburdened, underserved community media outlets (i.e. radio, newspaper, social media).



New recommendation: Assess the feasibility of a tire industry fee program to support funding for tire contaminant research.

- Determining best program and path to implementation.

New recommendation: Tire pile removal program

- **Lead agency:** Department of Natural Resources
- **Justification:**
 - Develop a framework for tire pile removal.
 - Establish best management practices to pursue the removal of all artificial tire-based structures on state owned aquatic lands.
- **Benefit:** Restore the benthic environment back to its natural state and continue to protect valuable subtidal and intertidal marine habitat.



#4: Support primary research that investigates which species 6PPD and 6PPD-quinone may affect and how these chemicals exert toxicity.

- New title
- Combined recommendations for clarity
 - Mode of action of 6PPD and 6PPD-quinone on salmonid species.
 - Acute and chronic effects of 6PPD and 6PPD-quinone on non-salmonid species.
 - Sub-lethal exposure effects of 6PPD and 6PPD-quinone on aquatic life.



#8: Provide long-term funding to support research and monitoring of toxics in the environment. Formalize a permanent Statewide Toxics Ecosystem Observatory program at Ecology to build upon and compliment existing priority toxics in salmonid waterways research.

- We've made the following changes to this recommendation:
 - New title
- Former title:
 - Establish a Toxics and Salmonids Ecosystem Monitoring Program (TSEMP) that integrates and expands existing priority toxics and salmon monitoring efforts.



#16: Evaluate the potential for human health impacts of 6PPD due to consumption of aquatic species, including but not limited to salmonids.



- We've made the following changes to this recommendation:
 - New title
 - Former title: Analyze edible tissues of aquatic species and other biota, including but not limited to salmonids.

17: Investigate the holistic effects on people's health resulting from salmon decline due to 6PPD and 6PPD-q.



- We've made the following changes to this recommendation:
 - New title
 - Former title: Investigate and report effects on people's health from nonchemical stressors that result from 6PPD and 6PPD-q in the environment.

#29: Provide a toolbox for 6PPD-q informed retrofit planning through regularly updating Ecology's stormwater guidance resources and creating supplementary communications materials.

- We've made the following changes to this recommendation:
 - New title
 - Former title: Develop a toolbox of retrofits that stormwater managers and permittees can use.
 - Reframed so that instead of developing a toolbox, Ecology enhances their existing toolbox – aka the Stormwater Management Manuals and TAPE Guidance.
 - This strategy hopes to prevent duplicative work while also improving resources.

#31: Research the extent to which state programs intended to reduce vehicle miles traveled (VMTs) can reduce the volume of 6PPD and 6PPD-quinone released into highway stormwater.

- We've made the following changes to this recommendation:
 - New title
 - Former title: Research the relative impacts of transportation features on 6PPD for use by transportation planners.
 - Recommendation was made more specific to WA State emissions reduction programs instead of being general research into transportation impacts.



#38: Determine potential impacts from the proposed 6PPD-q Aquatics Life Toxics Criteria water quality standard.

- We've made the following changes to this recommendation:
 - New title
 - Former title: Reduce negative impacts to permittees and help permittees the new proposed 6PPD-q Aquatic Life Toxics Criteria Water Quality Standards
 - The intent of this recommendation is now to anticipate which permittees will feel impacts from the criteria adoption and to forecast future costs.

#39: Revise requirements for using the statewide environmental vendor pool for 6PPD-q and contaminants of emerging concern.

- We've made the following changes to this recommendation:
 - New title
 - Former title: Exempt 6PPD-quinone from the statewide environmental consultants vendor pool.



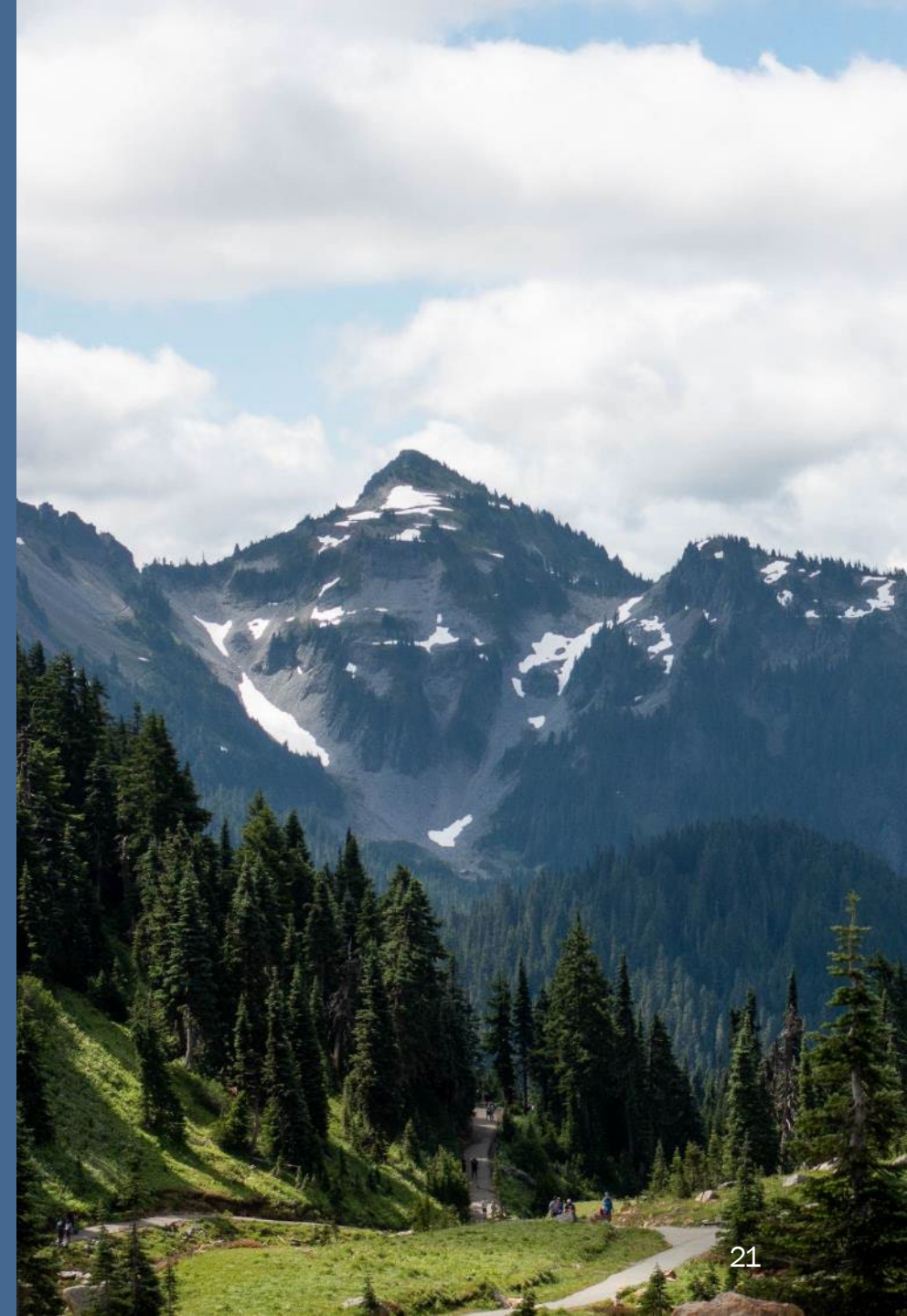
Phase 1 Parking Lot

- We considered input that committee members shared throughout the process:
 - We compiled items from parking lots in each of the documents.
 - We will save this for future work on the action plan.
 - Feel free to continue sharing your ideas with us through email.





Reflection



Reflection

- We'll be heading into break-out sessions to hear your feedback in small groups.
- We'll reconvene to discuss takeaways as a group afterwards.
- Please also feel free to submit written feedback to us through email:
 - 6PPD@ecy.wa.gov

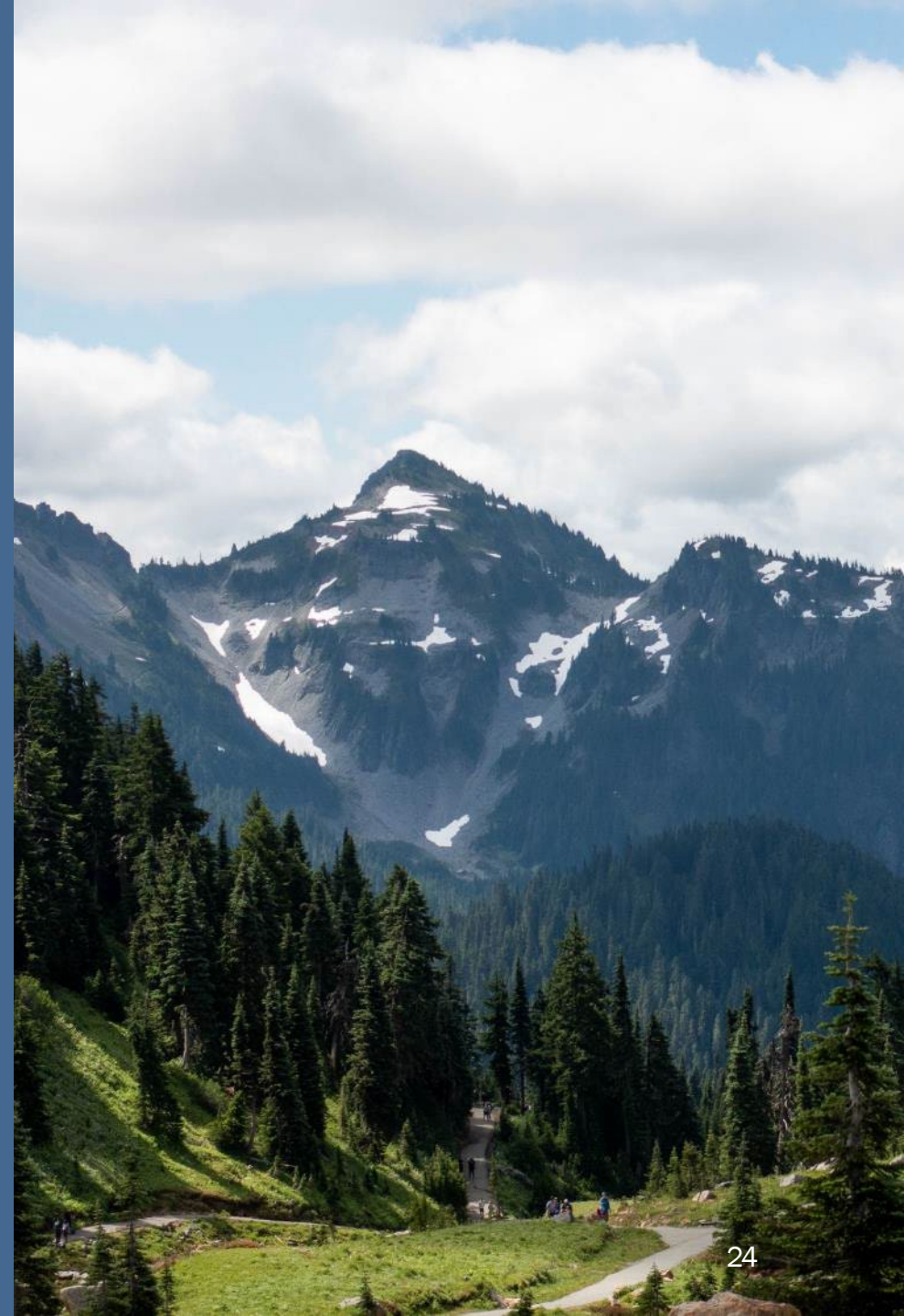


Small Group Discussion

- **We want to hear your feedback:**
 - What did you like most about this process?
 - What could we improve upon?
 - Do you have suggestions to improve the experience of advisory committee members in the future?
 - Where should we head next?



Break



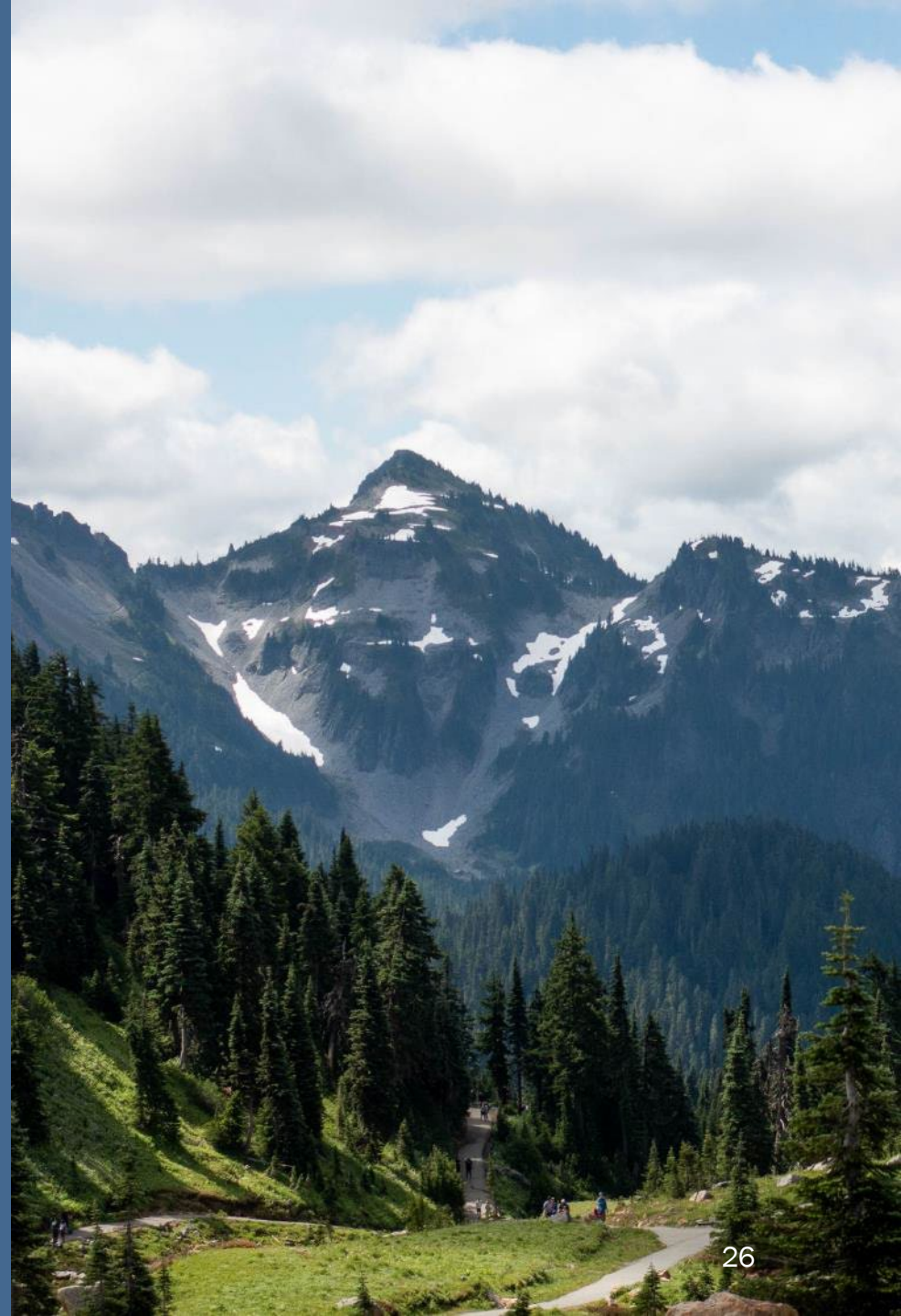


Discussion Report Out

- Facilitators will summarize conversation from each small group discussion.
- Advisory committee members welcome to reflect, respond, and share any additional thoughts with the group.



Next Steps



Next Steps

- We'll publish the Legislative report in December 2024
 - Send advisory committee a link.
 - Provide updates on significant changes to recommendations.
- We'll communicate plans for the next phase of the action plan.
- Reach out with any questions!



Thank you for your time, expertise, flexibility, honesty, and engagement in our first 6PPD advisory committee. We look forward to engaging with you in the future!



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