



# Carbon and Forest Management Work Group



February 14, 2024 | 9 am – 3 pm

Meeting #4

# Welcome to Work Group Members

- This is a public meeting and is being recorded.
- Please use the chat for questions during the presentations.
- Please keep cameras on.
- Please keep microphones off unless speaking.
- Materials, including the meeting recording, will be shared after the meeting and available on the Work Group website.



# Welcome to Members of the Public

- The public will not be able to comment within this meeting but can share questions via email.
- Please direct all questions to Duane Emmons, [duane.emmons@dnr.wa.gov](mailto:duane.emmons@dnr.wa.gov)
- Refer to the Work Group website for meeting information and materials.

The screenshot shows the website for the Washington State Department of Natural Resources, specifically the page for the Carbon and Forest Management Work Group. The header includes the department's name and the Commissioner of Public Lands, Hilary S. Franz. A search bar is located in the top right corner. The main navigation menu includes 'PROGRAMS AND SERVICES', 'ABOUT', 'MANAGED LANDS', and 'EMPLOYMENT'. The page content features a sidebar with a list of boards and commissions, including the Board of Natural Resources, Forest Practices Board, Advisory Committee on Real Estate Strategy, Blanchard Forest Advisory Committee, Carbon and Forest Management Work Group (highlighted), Committee on Geographic Names, Encumbered Lands Steering Committee, Forest Health Advisory Committee, and Lidar Advisory Committee. The main content area has a heading for 'Carbon and Forest Management Work Group' and a sub-heading 'Carbon and Forest Management Work Group'. Below the heading is a photo of Commissioner Hilary Franz and a text block stating that the Washington State Department of Natural Resources (DNR) manages more than 2 million acres of forested state trust lands across the state. It also mentions that in its 2023 legislative session, the Washington State Legislature directed DNR to establish a work group to examine the relationship between forest management and atmospheric carbon sequestration (absorption) and storage in DNR-managed forests. The work group will collaborate on approaches related to the following:

- Conserving and managing older, carbon-dense, structurally complex forest stands

[www.dnr.wa.gov/about/boards-and-commissions/carbon-and-forest-management-work-group](http://www.dnr.wa.gov/about/boards-and-commissions/carbon-and-forest-management-work-group)



# Agenda

1. Welcome & Meeting Objectives
2. Introductions to Carbon and Wood Basket Study Contractors
3. DNR Presentation: Work Group Timeline and Process
4. Wood Basket Contractor Presentation and Discussion
5. *Break (10 min)*
6. Carbon Contractor Presentations and Discussions
7. *Lunch (60 min)*
8. Management Scenarios Discussion
9. Next meeting discussion



# Meeting Objectives

- Understand work group timeline and process for modeling.
- Meet the Carbon and Wood Basket Study Contractors.
- Continue developing the management scenarios and refine the list developed in the January meeting.



# Recap of Last Meeting

- Discussed themes and questions about budget proviso goals 3, 4, and 5
- Presentation from DNR on the “DNR Business as Usual” Management Scenario
- Presentation from DNR on Preliminary Management Scenarios
- Discussed additional management scenarios

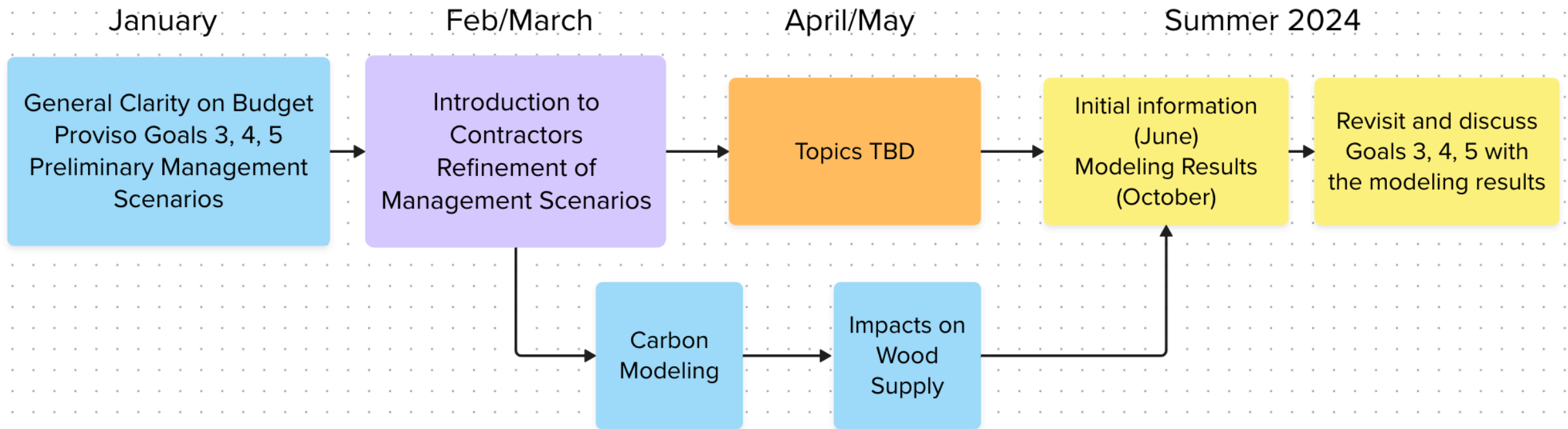


# Work Group Objectives

- Develop recommendations for management approaches that incorporate the Budget Proviso Goals 1-5;
- Report on the work group's findings to the legislature, including any work performed by the carbon modeling and wood basket study contractors.



# Initial Topics and Meeting Focus Areas





# Q&A Protocols

- Verbal questions are preferred
- Make sure questions are relevant and not too broad
- If a question is not answered during the meeting, DNR will try to answer it by the next work group meeting
- Please use the chat to suggest potential future meeting topics or presentations



# Introductions to Contractors

BluePoint Planning



# Work Group Timeline and Process

WA DNR



# Wood Basket Study Contractor: Evergreen Economics

Presentation and Discussion



BREAK



# Carbon Study Contractor: ESSA

Presentation and Discussion



# Lunch Break



# Management Scenarios Discussion

BluePoint Planning





# What Counts as a "Scenario"?



- **Current practice = +1**
- **Current practice + increased wildfire = +1**
  
- **Max harvest within state law = +1**
- **No-harvest bookend = +1**
  
- **70yr rotation = +1**
- **70yr rotation + increased thinning = +1**
- **70yr rotation + increased thinning + increased wildfire = +1**
- **70yr rotation + increased thinning + deferrals = +1**



# Climate Change in Scenarios

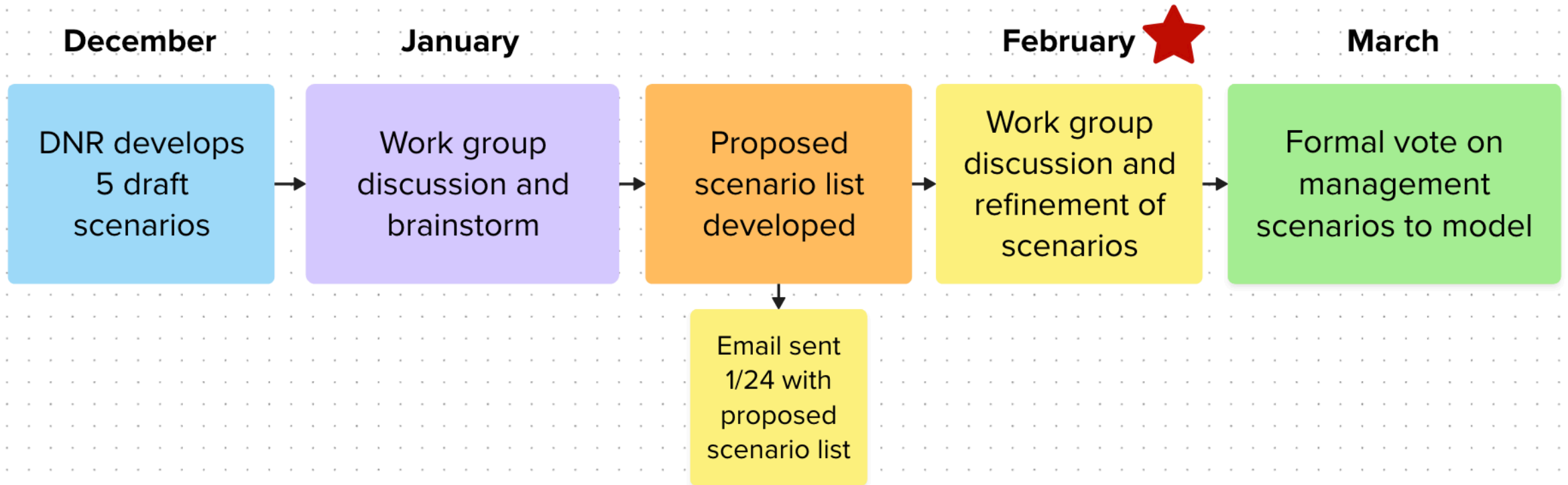
To what degree should climate change be included in the management scenarios?

*Please put your answer in the chat:*

- a) On all scenarios (16 total)
- b) Some scenarios (number TBD)
- c) On all scenarios, but half high- and half mid-level severity (8+8)
- d) No climate consideration on any scenario (16)



# Management Scenarios Process



# Management Scenarios Process – cont.

## Proposed Management Scenario Categories

Category	Meaning
Proposed Scenario	Potential scenarios to move forward
Overlapping Work Group-Suggested Scenarios	Work group proposals that correspond to existing DNR suggested scenarios
Potential Variations	Variations to both DNR- and work group-proposed scenarios, all suggested by work group; these could represent unique scenarios to move forward



# Proposed Management Scenarios

Proposed Scenario	Relevant Work Group-Suggested Scenarios	Potential Variations
1. Current DNR operations (baseline/business-as-usual)		Variable rotation length emphasizing greater harvest intensity/volume
2. Shorten harvest rotation from current 60-80-year average		Shorten rotations and increase deferrals (e.g., apply different treatments to different lands).
3. Lengthen harvest rotation from current 60-80-year average	Longer harvest rotations – slightly longer and significantly longer	Longer harvest rotations – slightly longer and significantly longer; Lengthen rotation in polyculture forests; harvest some species earlier in rotation
4. Defer additional acres of structurally complex, carbon-dense forest	Remove all complex forests from harvest	Defer other types of forests (not structurally complex forest)



# Proposed Scenarios – cont.

Proposed Scenario	Relevant Work Group-Suggested Scenarios	Potential Variations
5. Significantly increase commercial thinning compared to current practices, prior to final harvest		No final harvest after multiple thinnings Increase silviculture treatment (e.g., pre-commercial thinning, vegetation management)
6. Longer rotation and increased thinning (e.g., more pre-commercial thinning; larger trees potentially support timber supply)	Work group proposal	
7. No harvest	Work group proposal + ESSA suggestion	
8. State law management practice – legal baseline	Work group proposal	



# Next Steps

BluePoint Planning



# Next Meeting – March 13th



Topic: Finalizing Initial Management Scenarios for Modeling



Please email us with your designated alternate if you are unable to attend:  
[cfmworkgroup@bluepointplanning.com](mailto:cfmworkgroup@bluepointplanning.com)





# 2024 Meeting Schedule — 2<sup>nd</sup> Wednesday of the month

## Date

~~January 10<sup>th</sup>, 2024~~

February 14<sup>th</sup>, 2024

March 13<sup>th</sup>, 2024

April 10<sup>th</sup>, 2024

May 8<sup>th</sup>, 2024 (potential cancel)

June 12<sup>th</sup>, 2024 (potential cancel)

July 10<sup>th</sup>, 2024

August 14<sup>th</sup>, 2024 (potential cancel)

September 11<sup>th</sup>, 2024

October 9<sup>th</sup>, 2024

November 13<sup>th</sup>, 2024

December 11<sup>th</sup>, 2024



# Initial Topics and Meeting Focus Areas

