



# Carbon and Forest Management Work Group



March 13, 2024 | 9 am – 3 pm

Meeting #5

# Welcome to Work Group Members

- This is a public meeting and is being recorded.
- Please use the chat for simple 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 (DNR). The header includes the DNR logo, the text "WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES", and "HILARY S. FRANZ | COMMISSIONER OF PUBLIC LANDS". A search bar is located in the top right corner. Below the header is a navigation menu with "PROGRAMS AND SERVICES", "ABOUT", "MANAGED LANDS", and "EMPLOYMENT". The main content area is titled "Boards and Commissions" and lists several boards, with "Carbon and Forest Management Work Group" highlighted. The page features a photo of Commissioner Hilary Franz and text explaining the work group's purpose: "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 & Updates
2. Discussion of Management Scenarios
3. Climate Change in Management Scenarios
4. *Break*
5. Discussion of Management Scenarios
6. *Lunch*
7. Continued Discussion of Management Scenarios
8. Next meeting discussion



# Meeting Objectives

- **Vote** on initial list of management scenarios for carbon study contractors to model.
- **Vote** on the extent to which climate change is incorporated into each scenario.

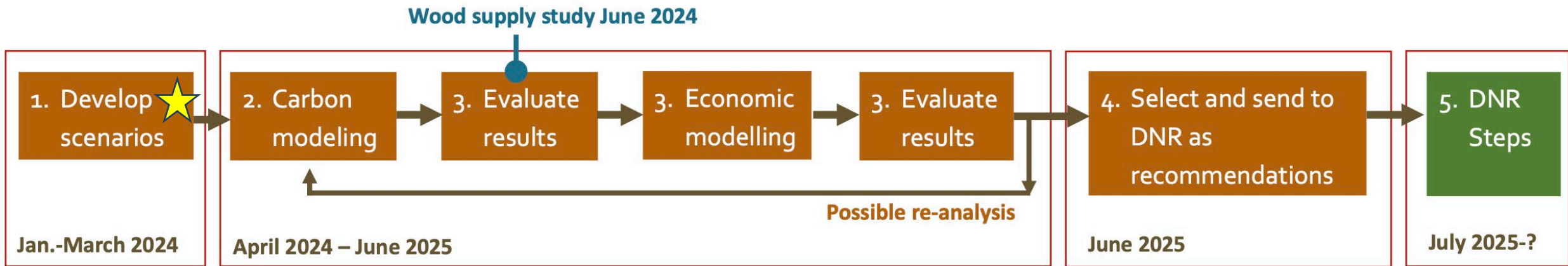


# Recap of Last Meeting

- Introductory presentations and Q&A from carbon and wood basket study contractors.
- Discussion and refinement of management scenario ideas.
- Straw poll on inclusion of climate change modeling in management scenarios.



# Scenario Development and Modeling Timeline



*April: Possible additional scenario development*



# At Today's Meeting

- Work group will vote on a **subset** of the scenarios discussed in the February 14 meeting. These scenarios are developed enough for a vote. This is a **FORMAL VOTE**.
- **Additional scenarios (those discussed in previous meetings) will be discussed and voted on** during the April 10 work group meeting. This will also be a **FORMAL VOTE**.
- **Today's goal:** Provide a first set of scenarios to ESSA to begin the model configurations.





# Voting Logistics

- Vote thumbs up/down/sideways:
  - Thumbs up: Full endorsement of scenario
  - Thumbs sideways: Consent to scenario with reservations
  - Thumbs down: Formal disagreement with scenario
- **Supermajority of 75%** must vote thumbs up or sideways for a scenario to advance to modeling.
- If all members present, must have 9 thumbs up or sideways votes.



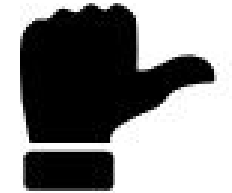
# Voting Logistics, from Work Group Charter...

- Consensus does not mean unanimity of opinion. Consensus, as defined by the Cambridge Dictionary, is a **generally accepted opinion or decision among a group of people.**
- The facilitator will poll each work group member.
- Please hold explanations until after everyone has voted.



# How to Vote

- If you would like a scenario modeled, vote **thumbs up** or say **"Yes"**.
- If you generally like a scenario but have some reservations, vote **thumbs sideways** or say **"Ok – would like to suggest a friendly modification."**
- If you do not want a scenario modeled, vote **thumbs down** or say **"No"**.



# Number of Scenarios

- Total number of scenarios available for ESSA, **including** climate variations: **16**.
- Climate vote to be held after vote on DNR Current Operations Scenario (Scenario 1).



# Discussion of Management Scenarios

WA DNR



# Climate Change in Management Scenarios

ESSA

BPP



# Climate Change Vote: Which Scenarios?

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

- a) On all 16 scenarios
- b) Some scenarios (number TBD) – possibly ESSA's suggested bookends
- c) Half (8) scenarios at medium climate impacts (RCP 4.5), half (8) at high climate impacts (RCP 8.5)
- d) No climate consideration on any scenario (16)
- e) Half (8) with no climate change, half (8) at medium climate impacts (RCP 4.5)



# Climate Change Vote: Which RCP?

1. RCP 4.5
2. RCP 8.5





Break



# Discussion of Management Scenarios

WA DNR



# Lunch Break



# Discussion of Management Scenarios

WA DNR



# Modeling Scenarios Summary

Scenario	Include	Cont. To Discuss	Notes	No
Scenario 1: DNR Current Operations	X			
Scenario 2: Lengthen Harvest Rotation	X			
Scenario 3: Shorten Harvest Rotation	X			
Scenario 4: Significantly Increase Thinning (with pre-commercial thinning added)	X			
Scenario 5: Thinning Only		X		X
Scenario 6: Increase Deferrals Carbon-dense, Older, Structurally Complex Forest (50%)		X	MERGE Potentially with changes (50 not 100 seems best option)	X
Scenario 7: Defer all Acres of Carbon-dense, Older, Structurally Complex Forest (100%)		X		X

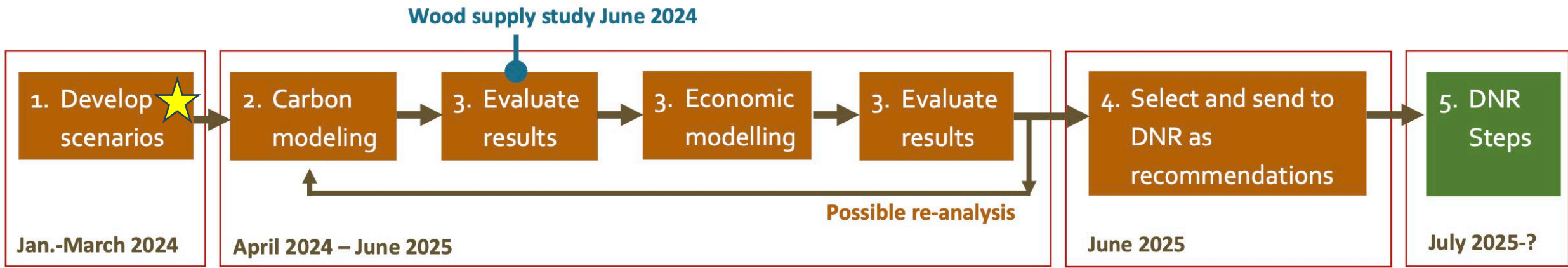


# Next Steps

BluePoint Planning



# Scenario Development and Modeling Timeline



April: Possible additional scenario development



# Next Meeting – April 10th



Topic: Finalizing Management Scenarios



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

