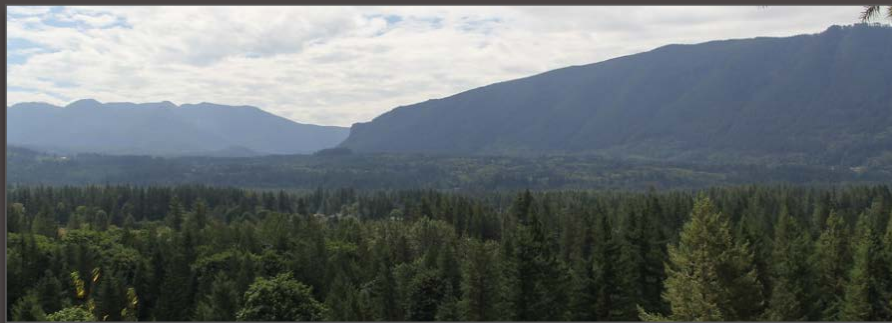# Sustainable Harvest Level
Update

A Presentation to the Board of Natural Resources

Andrew Hayes

September 7, 2021

Agenda

- Review from July

- Sustainable Forest Management

- Forest Estate Model

- Sustainable Harvest Level Process Overview

- Scoping

  - Review of Draft Purpose, Need, and Objectives

- Technical Advisory Committee

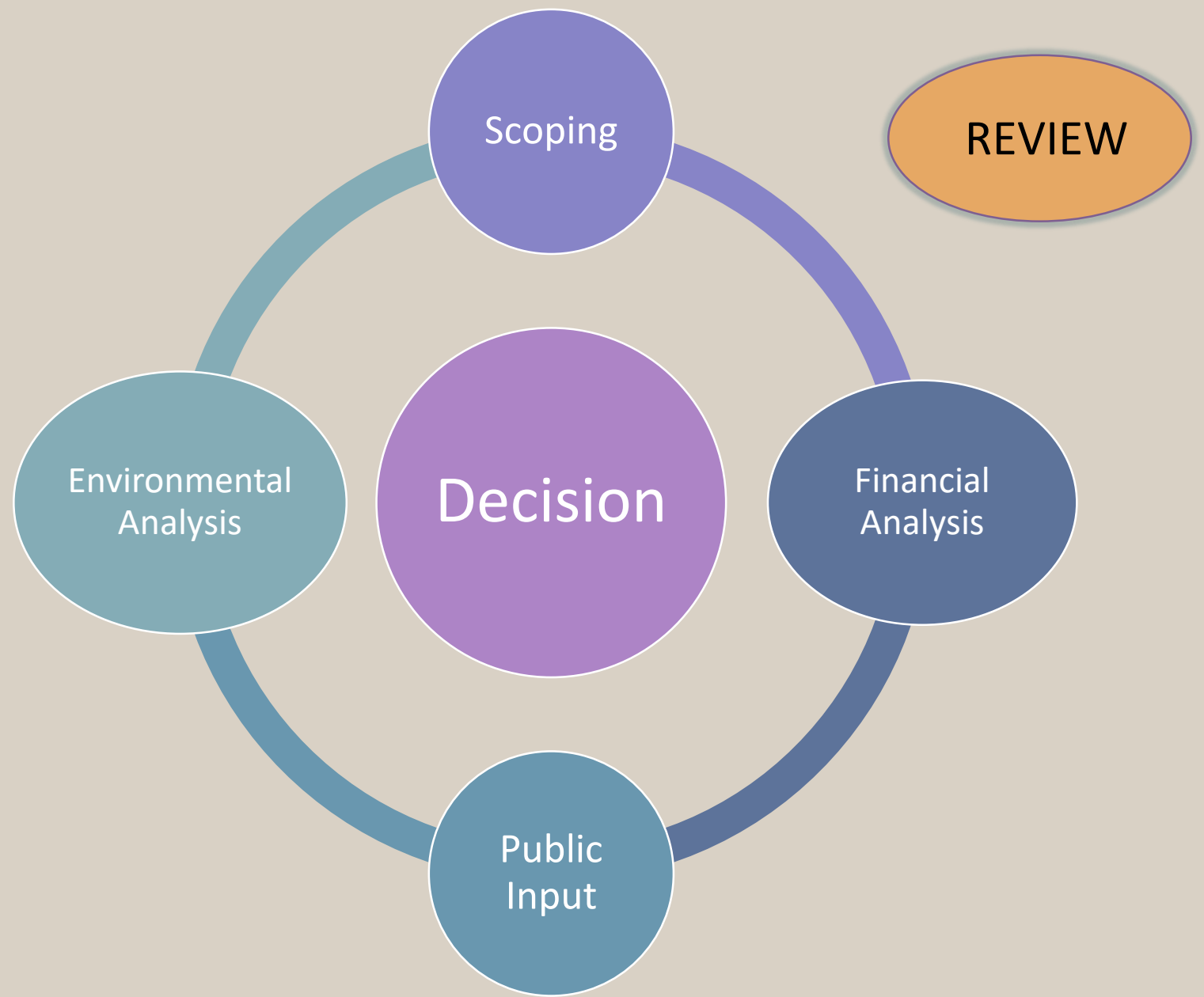- Next Steps

Why a Sustainable Harvest Level?

- Statute

- Policy

- Prudent land management

- Business need

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What factors to consider in a decision?

Scoping

REVIEW

Environmental Analysis

Decision

Financial Analysis

Public Input

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Next Steps in 2021

REVIEW

- Development of forest estate model

- Technical Advisory Committee (TAC)
  - Role - technical
  - Review the model
  - Address Board questions
  - Second Substitute House Bill 1168

- Scoping

Sustainable Forest Management
(Purpose of the Policy for Sustainable Forests)

Consistent with trust fiduciary standards

Conserve and enhance the natural systems and resources

To produce long-term, sustainable trust income

and

Environmental and other benefits

The Forest Estate Model

What is the Forest Estate Model?

A computer model designed for strategic forest planning that generates long-term forecasts of financial, ecological, and social outcomes from selected courses of action

What does the model tell us?

Long-term sustainable production levels

Forecasted long-term value

Projection of future landscape conditions

Forest Development

Habitat Conservation Plan habitats

Sequestered and harvested carbon

Used to develop different management strategies or 'alternatives'

What types of analyses are conducted?

➢ Allows comparison of the impacts of policy choices

Harvest volume, net present value, forest cover
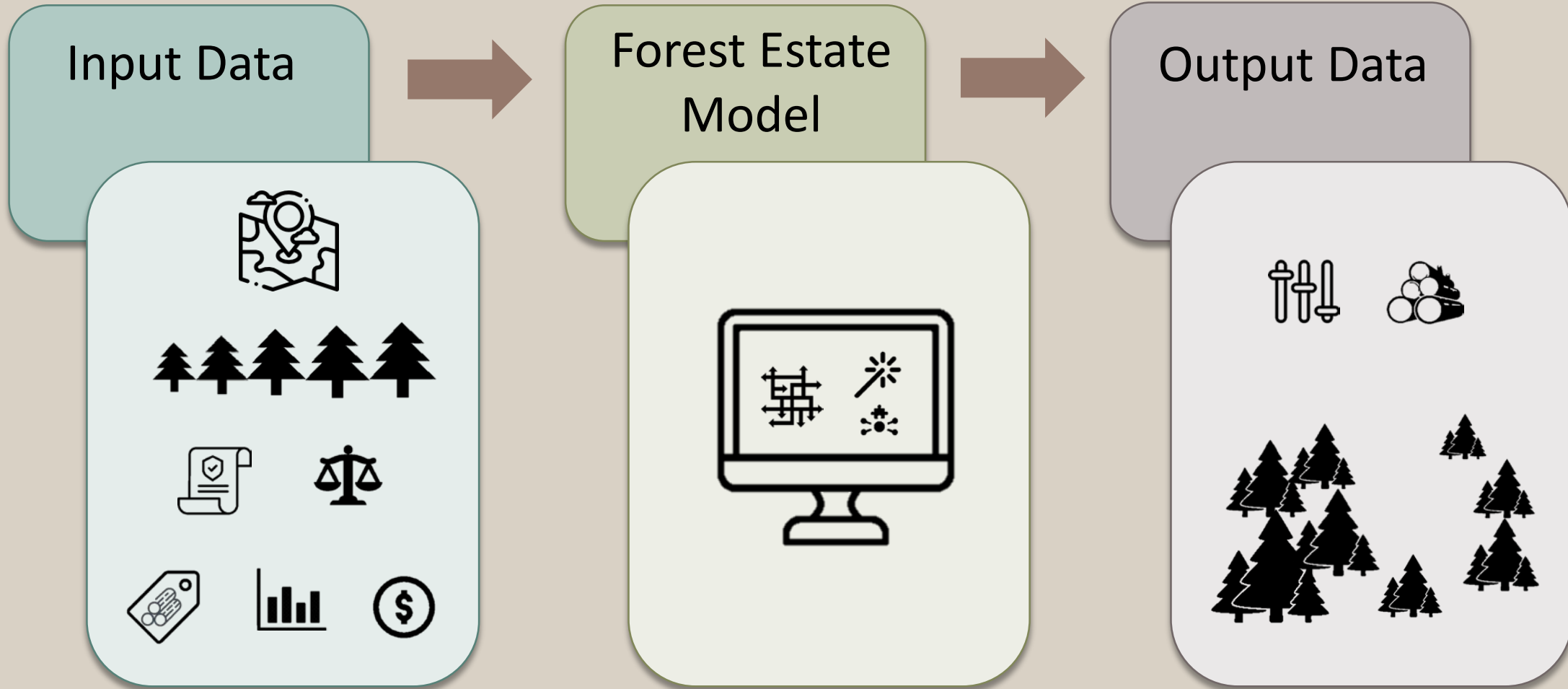
➢ Projects attainment of multiple values

Long-term sustainable forest management, wildlife habitat, ecosystem services, etc.

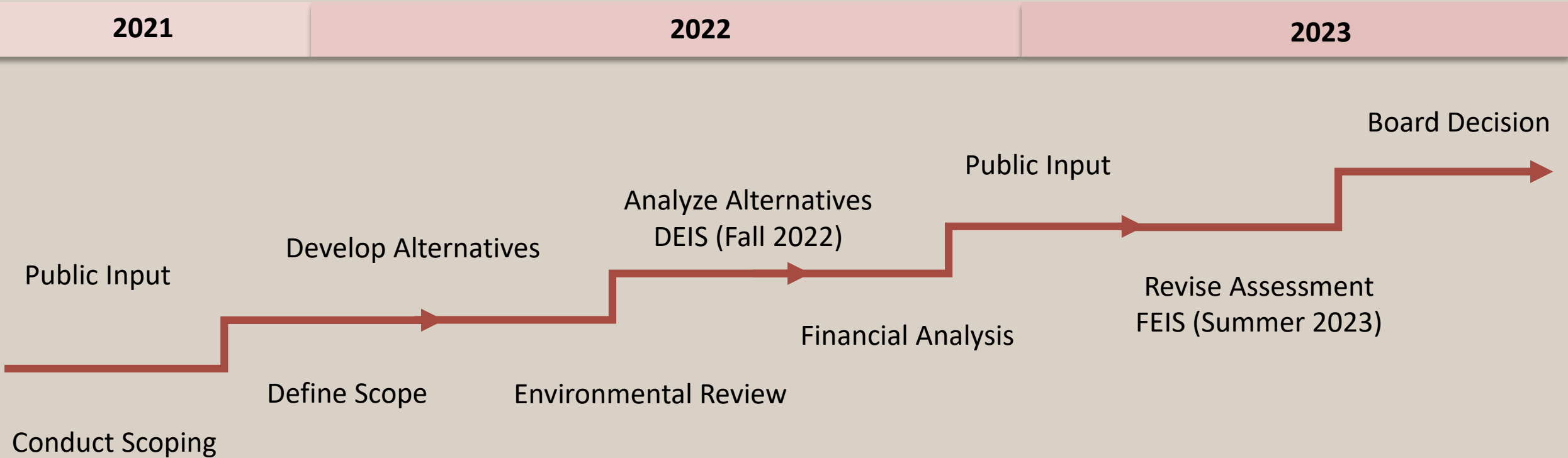➢ Helps answer specific questions through sensitivity analyses

Which data inputs have the largest influence on the outputs?

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Simplified Forest Estate Model

Input Data → **Forest Estate Model** → **Output Data**

Process Overview
for establishing the Sustainable Harvest Level

2021	2022	2023

Board Decision

Public Input

Analyze Alternatives
DEIS (Fall 2022)

Develop Alternatives

Public Input

Revise Assessment
FEIS (Summer 2023)

Financial Analysis

Define Scope

Environmental Review

Conduct Scoping

Eastside and Westside Sustainable Harvest Level processes will proceed separately but concurrently

Scoping

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What is Scoping?

Identify the Purpose, Need, and Objectives to clearly define the proposal

What is being proposed?

Why is it being proposed?

What criteria must be met by the proposal?

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Why does DNR conduct Scoping?

Required by the State Environmental Policy Act

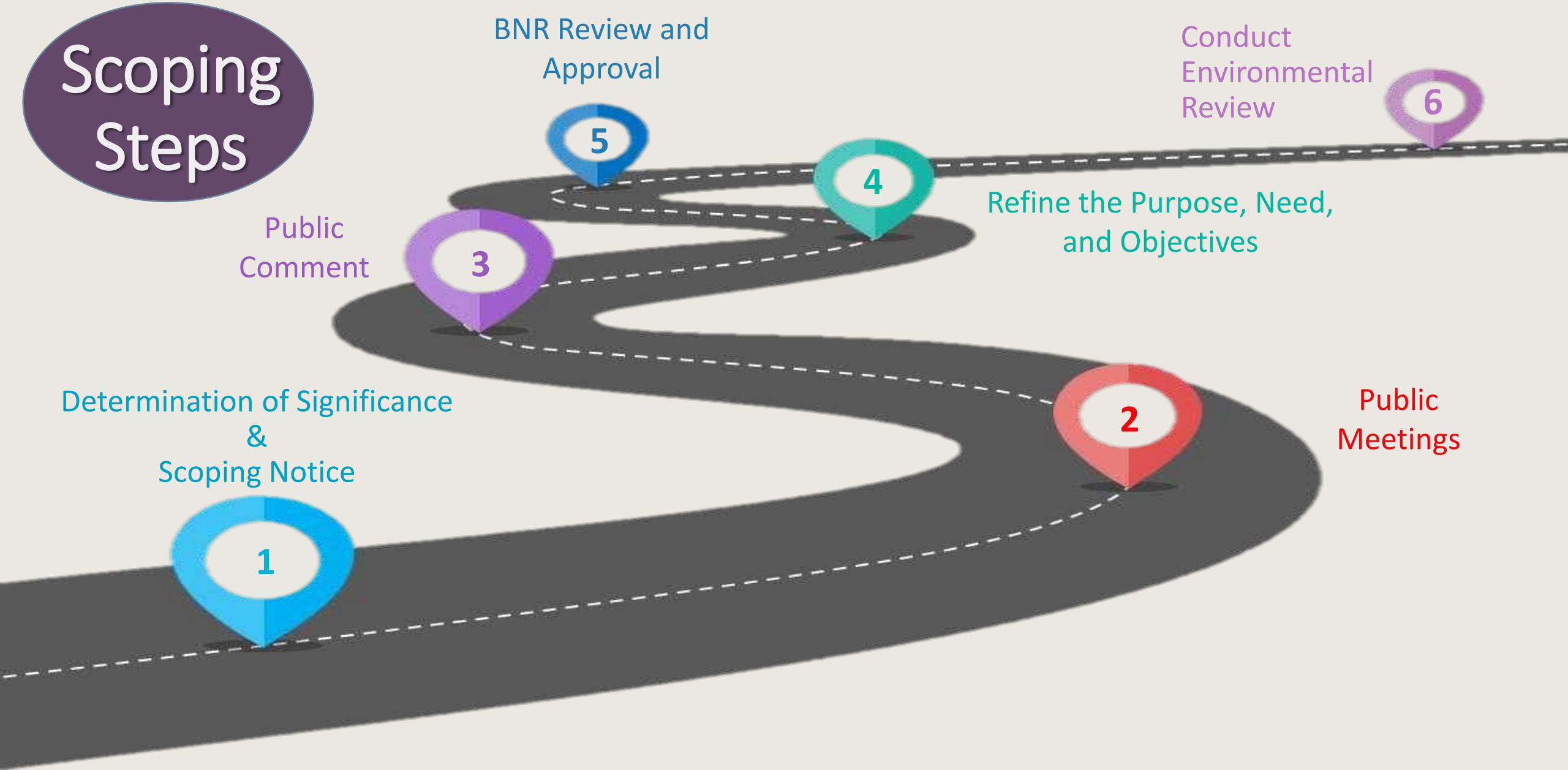Gathers public input on the Purpose, Need, and Objectives (scope of the environmental review)

Helps identify potential:
- ↳ alternatives
- ↳ mitigation measures
- ↳ probable significant adverse impacts

Scoping Steps

BNR Review and Approval

Conduct Environmental Review

Public Comment

Refine the Purpose, Need, and Objectives

Determination of Significance & Scoping Notice

Public Meetings

1
2
3
4
5
6

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Westside Sustainable Harvest Level
Draft Scope

Eastside Sustainable Harvest Level
Draft Scope

Sustainable Harvest Calculation
Technical Advisory Committee

Technical Advisory Committee

Diverse Expertise

Climate Change

Forest Biometrics

Statistics

Silviculture

Forest Economics

Forest Estate Modeling

Forest Inventory

Membership - with representation from:
- UW School of Environmental and Forest Sciences
- WSU College of Agriculture, Human, and Natural Sciences
- Large forest landowner/manager
- Counties
- Conservation caucus
- Timber industry

What is the role of the Technical Advisory Committee?

Guide technical decisions in the forest estate model

Committee can provide BNR recommendations

Provide input on Second Substitute House Bill 1168 projects

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Next Steps

- Completion of 2SHB 1168 work plan
- Conduct public scoping
- Provide Board with summary of public scoping comments
- Refine Purpose, Need, and Objectives

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Questions?

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