



Eastern Oregon – Siskiyou Region Forest Practices Act Streamside Protections Review

Oregon Board of Forestry, 25 July 2017

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Why conduct reviews?



- Required by state laws, rules and department policy
- Reviews are routine
- Results help us know if we are meeting our goals for
 - natural resources protection
 - efficient and effective programs



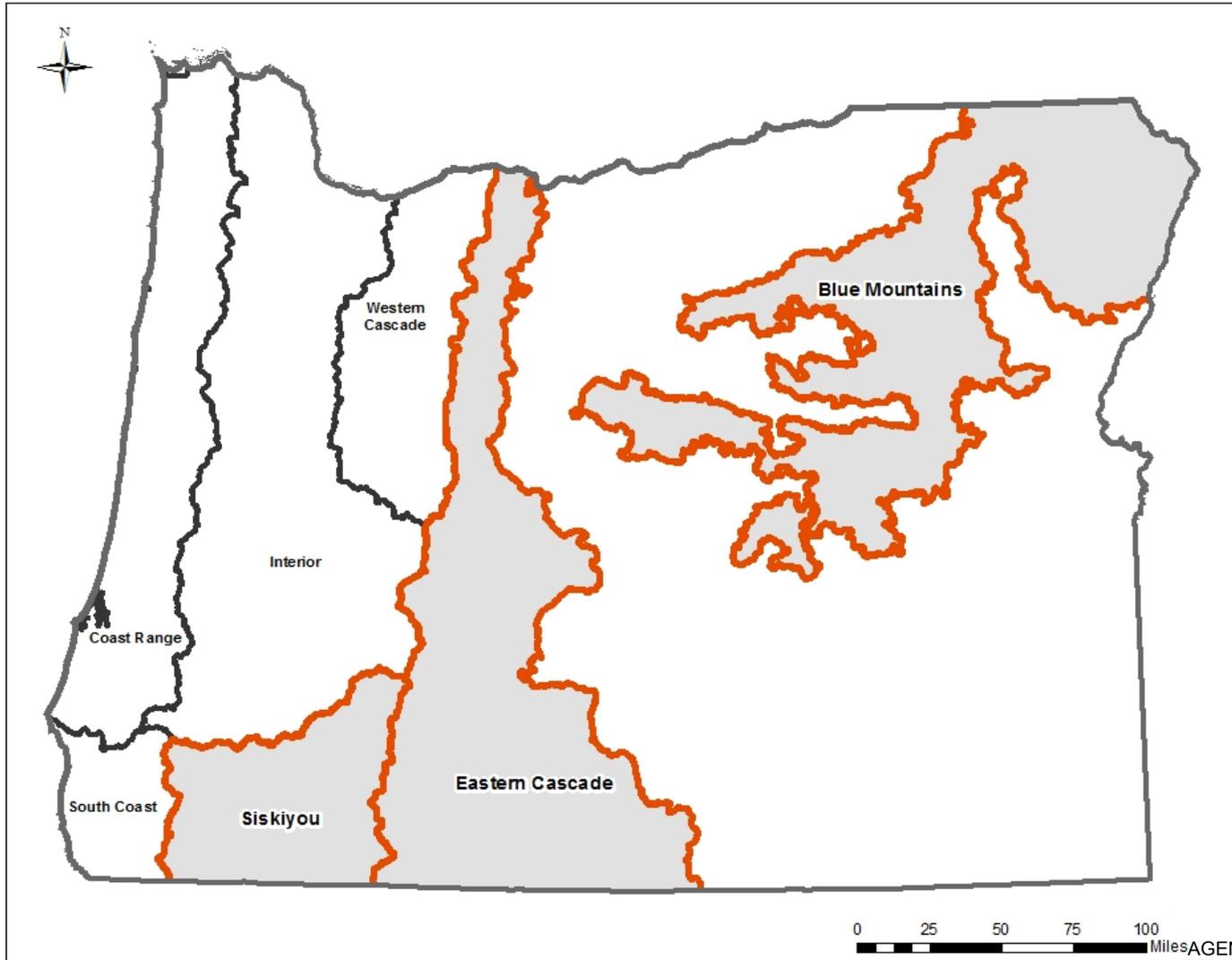


Why review streamside protections in the eastern Oregon/Siskiyou regions?

Oregon Board of Forestry decision (November 2016)

- Desire to review areas outside SSBT rule regions**
- Part of implementing Monitoring Strategy**
- Specific Board direction**
 - Work with stakeholders**
 - Propose one or more monitoring questions to address**
 - Propose methods, timelines to answer question(s)**
 - Report to the Board in July 2017**

Map of eastern Oregon/Siskiyou regions



ODF Project Charter

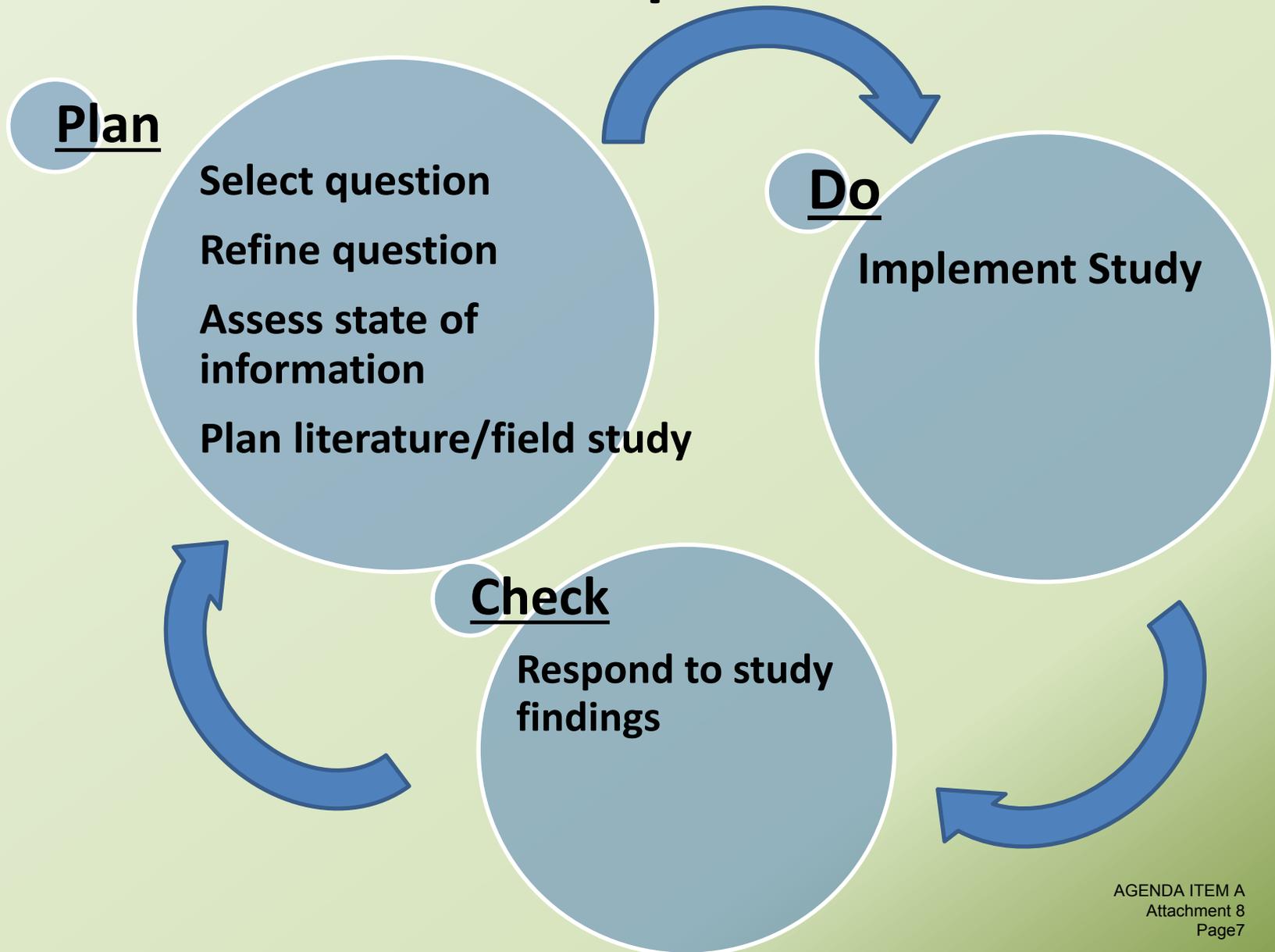


- **Which topic(s): large wood, water quality, riparian forest health**
- **Where:**
 - Which stream sizes (S, M, L)
 - Which stream types (N, F, AFHD, D)
 - Which Georegions (Siskiyou, Eastern Cascade, Blue Mountains)
- **Level of study rigor / timeframe**

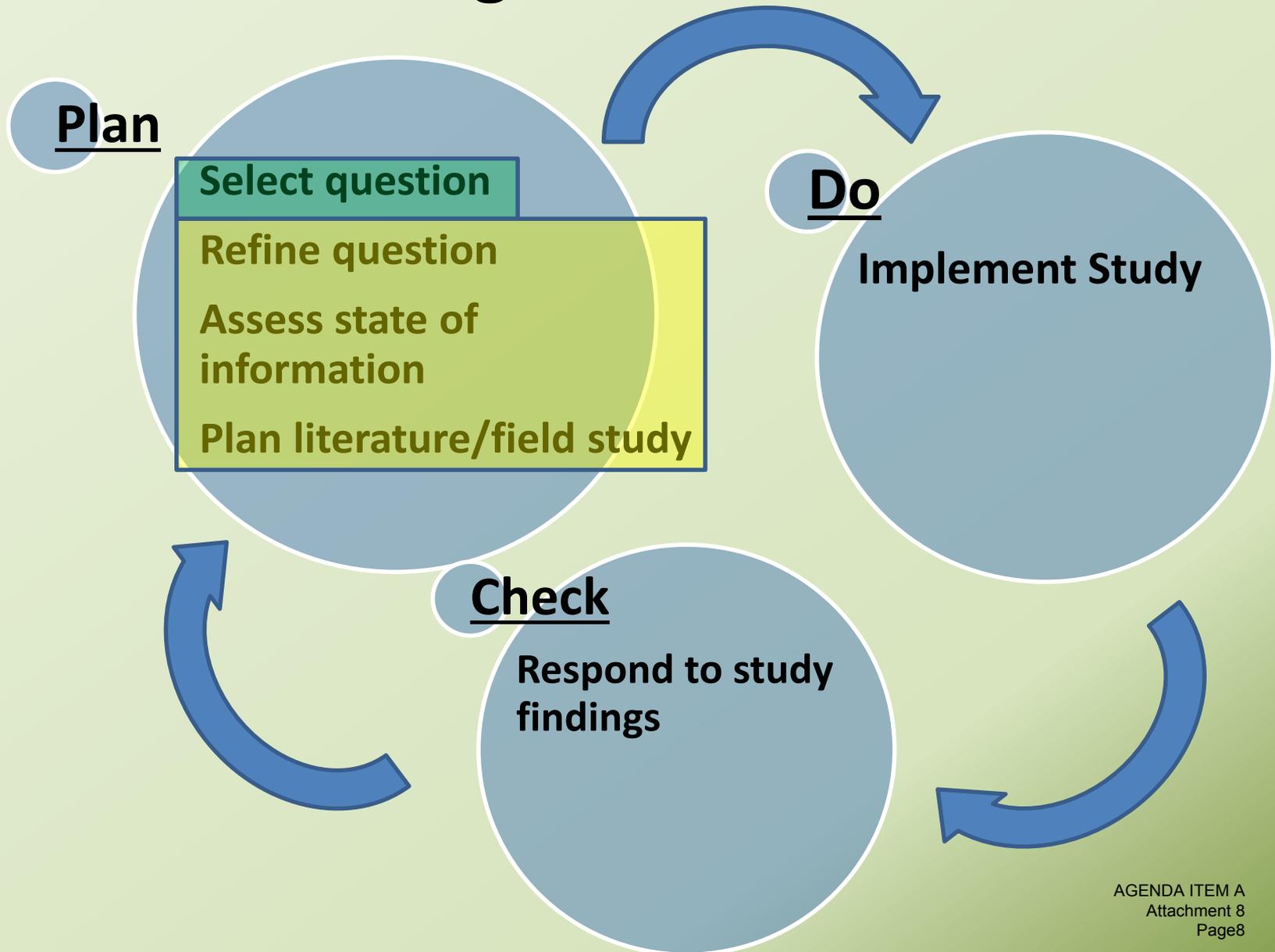
What and Why of rule review



What are the steps in a review?



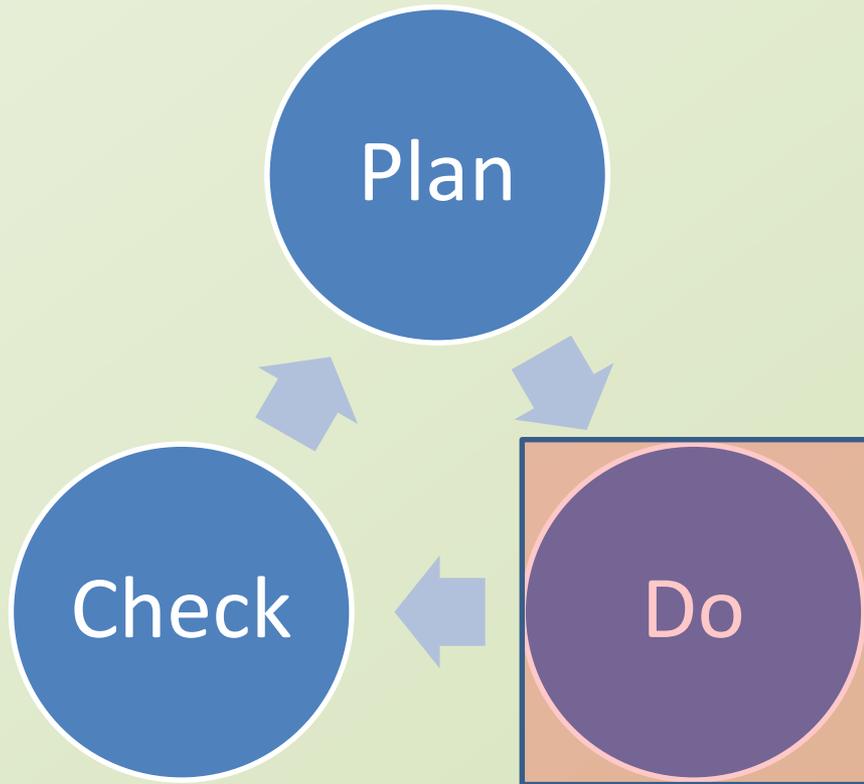
This stage of rule review



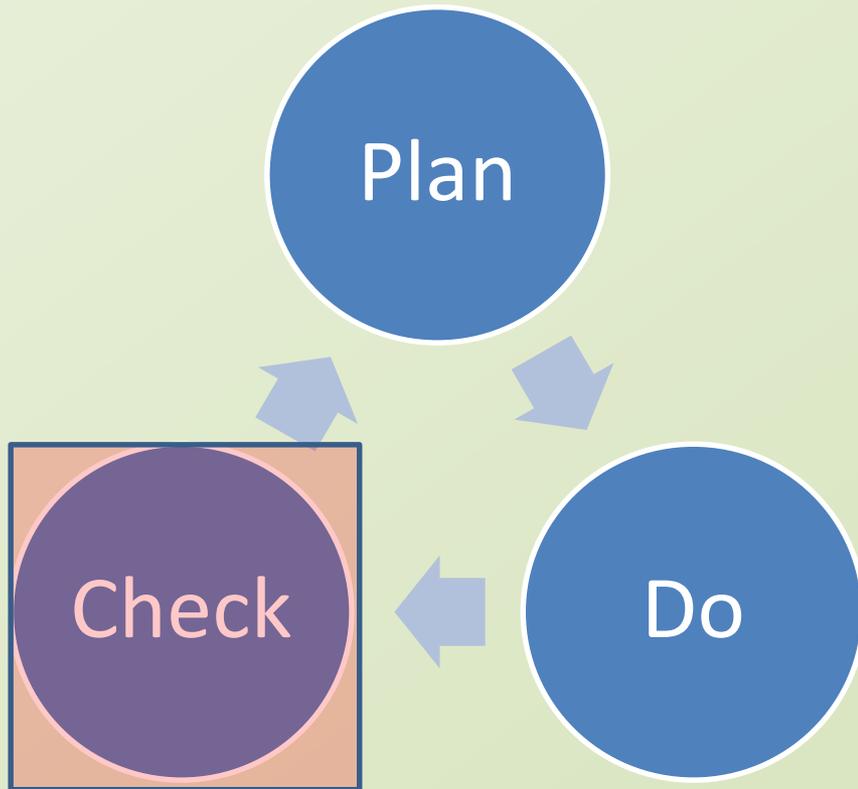
Who will conduct the review?

Private Forests Monitoring Unit

- Plans and conducts studies;
or
- Collaborates or contract



Possible responses to study results

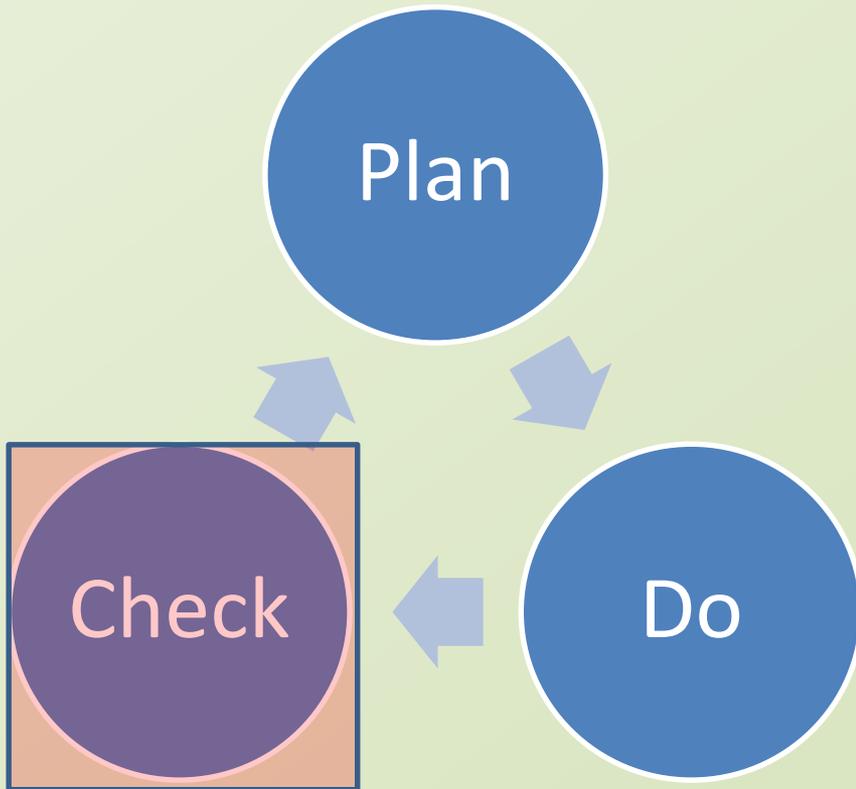


- No change
- Education or outreach
- More information
- Change
 - Incentives or voluntary measures
 - Regulations

Who will decide on responses to study outcomes?

Decision makers

- Board of Forestry
 - Authority to change rules
 - Yearly monitoring reports (Sept)
 - Special project reports
- ODF (+partners)
 - Outreach, Training (e.g., Compliance audit)
 - Voluntary measures
 - Additional study



Information for Board's Scoping Decisions





Information for Board's Scoping Decisions

- **Stakeholder survey + written comments**
- **GIS analysis: stream types & sizes, by ownership & georegion**
- **Voluntary Measures**
- **Harvest type**
- **Potentially relevant science**
- **Study rigor (methods)**

Preliminary Results: Stakeholder views



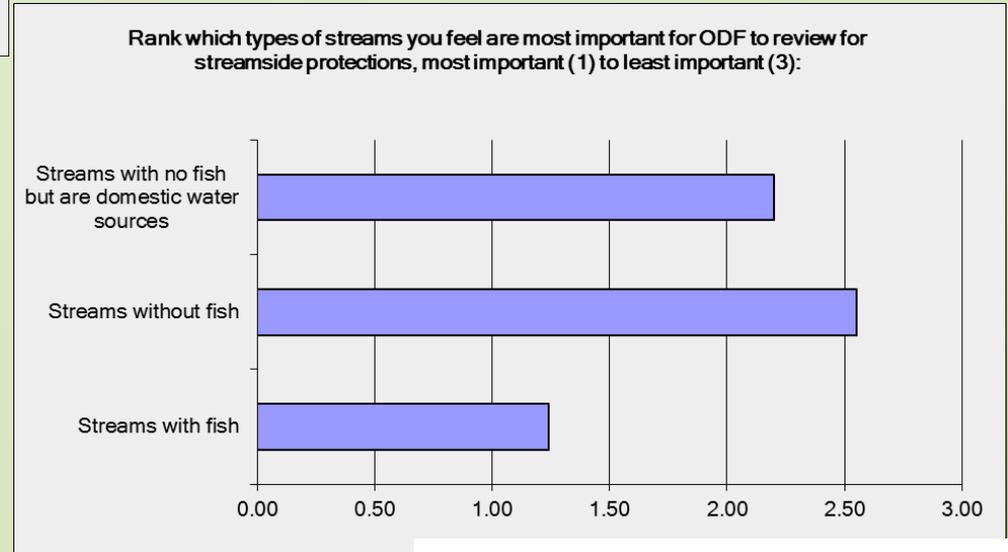
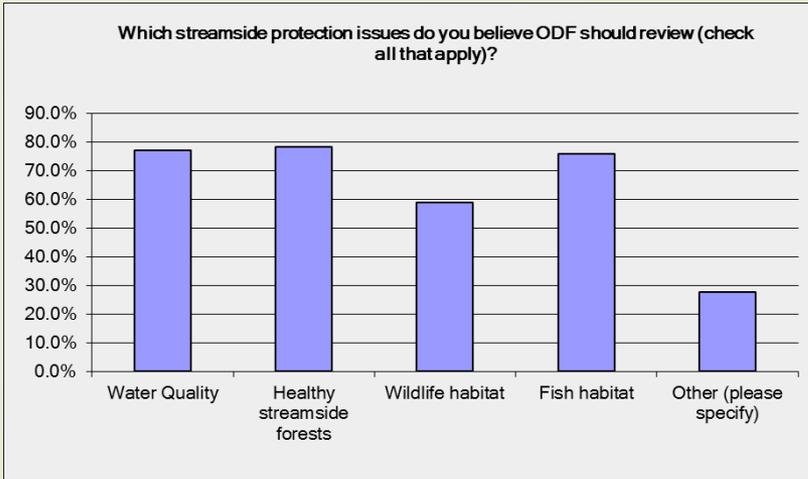
- **Extensive outreach effort**
- **Online survey:**
 - **15 questions**
 - **89 respondents**
- **Input from CFF, SW & EO RFPCs**

Caveats:

-Not yet analyzed:

- Narrative questions, comment letters
- Comparison of stakeholder groups
- > Not voting, rather range of responses

Preliminary Results: Stakeholder views



Remember caveats!

Most (1)

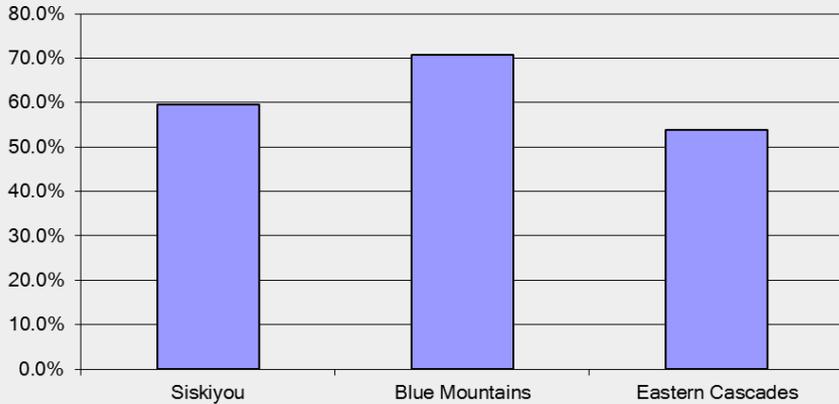
Least (3)

Important

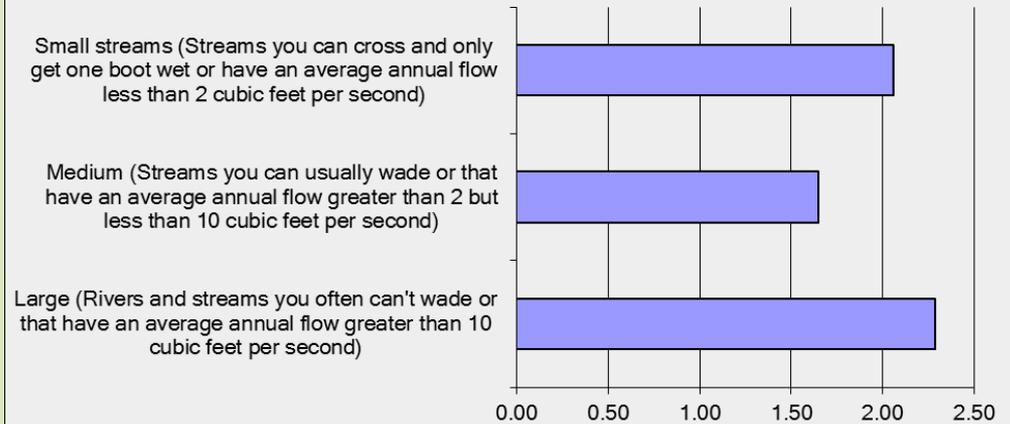
Preliminary Results: Stakeholder views



Select all region(s) to which your responses apply (see map):

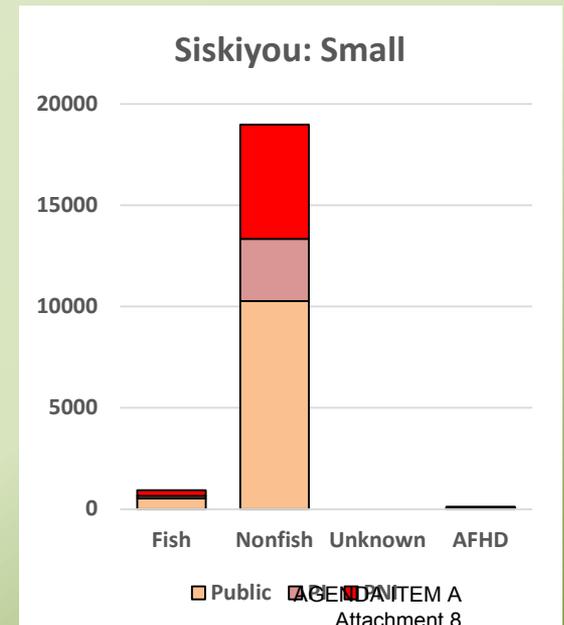
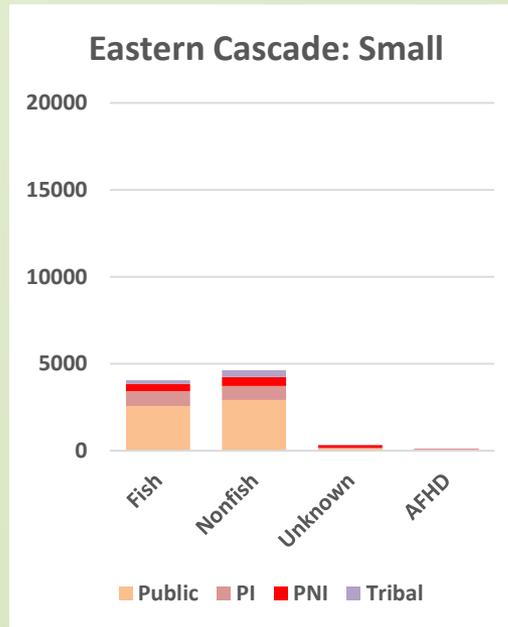
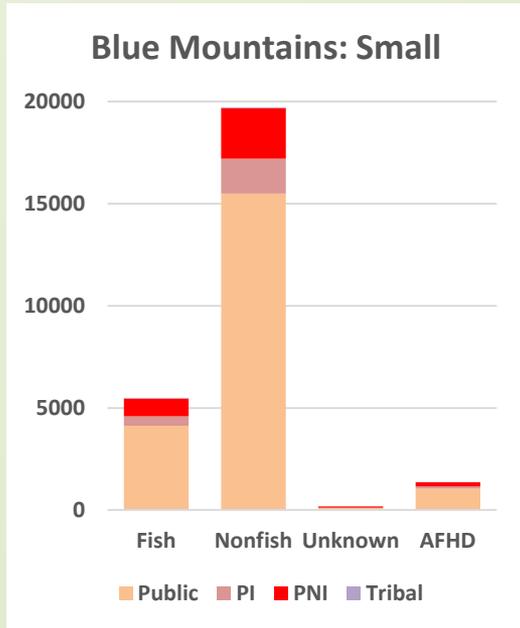


Rank which stream sizes you feel are most important for ODF to review, from most important (1) to least important (3):

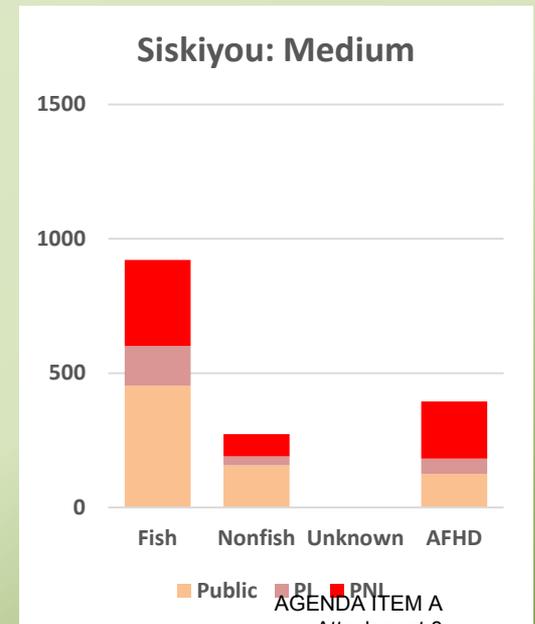
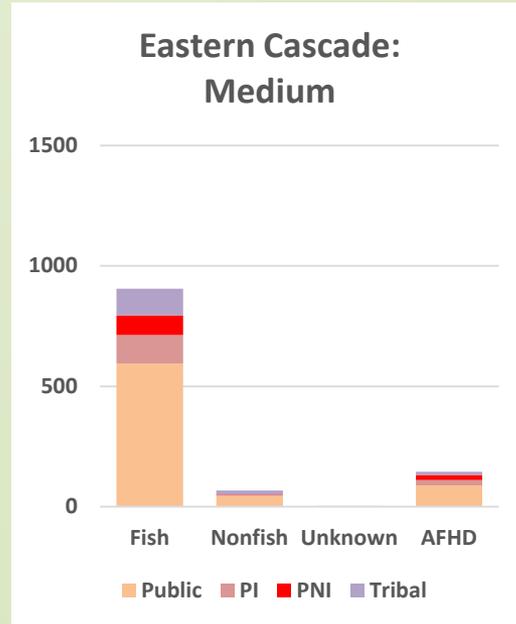
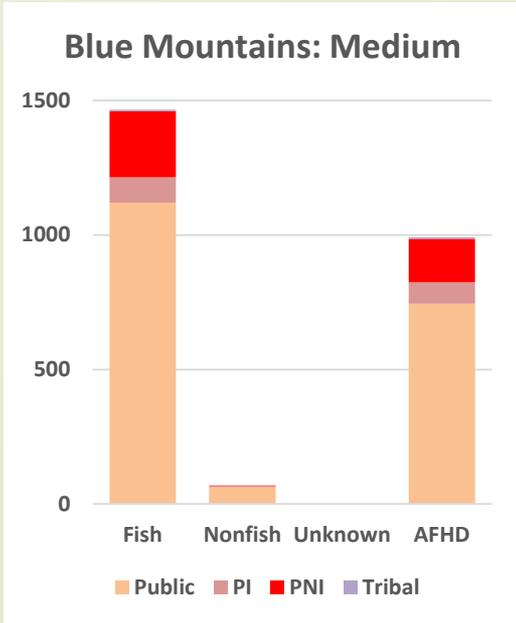


Remember caveats!

Results: Miles of small streams by ownership, georegion, and stream type

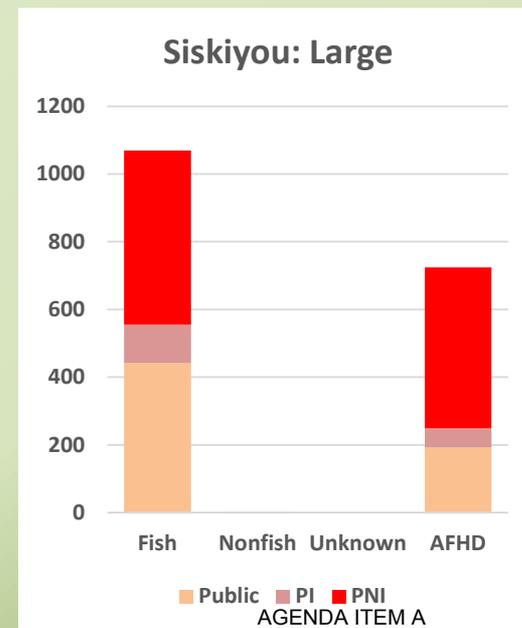
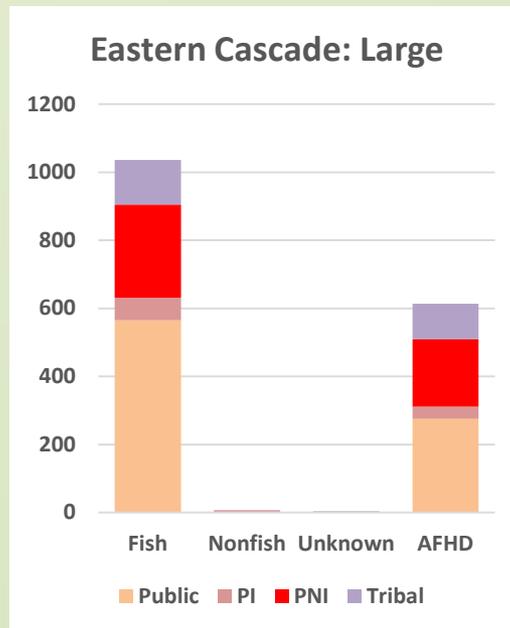
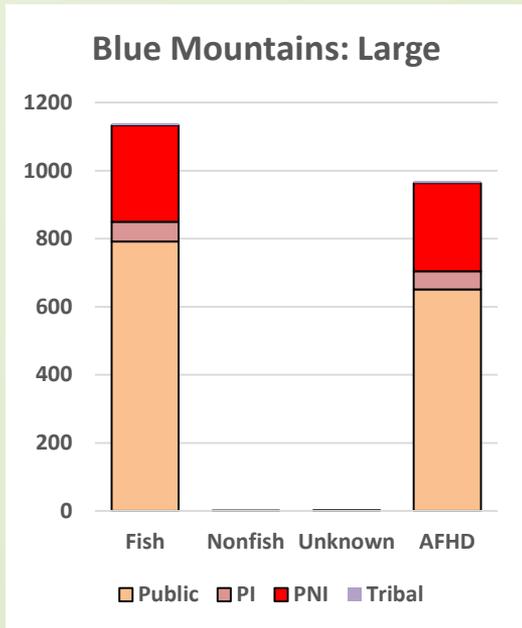


Results: Miles of medium streams by ownership, georegion, and stream type

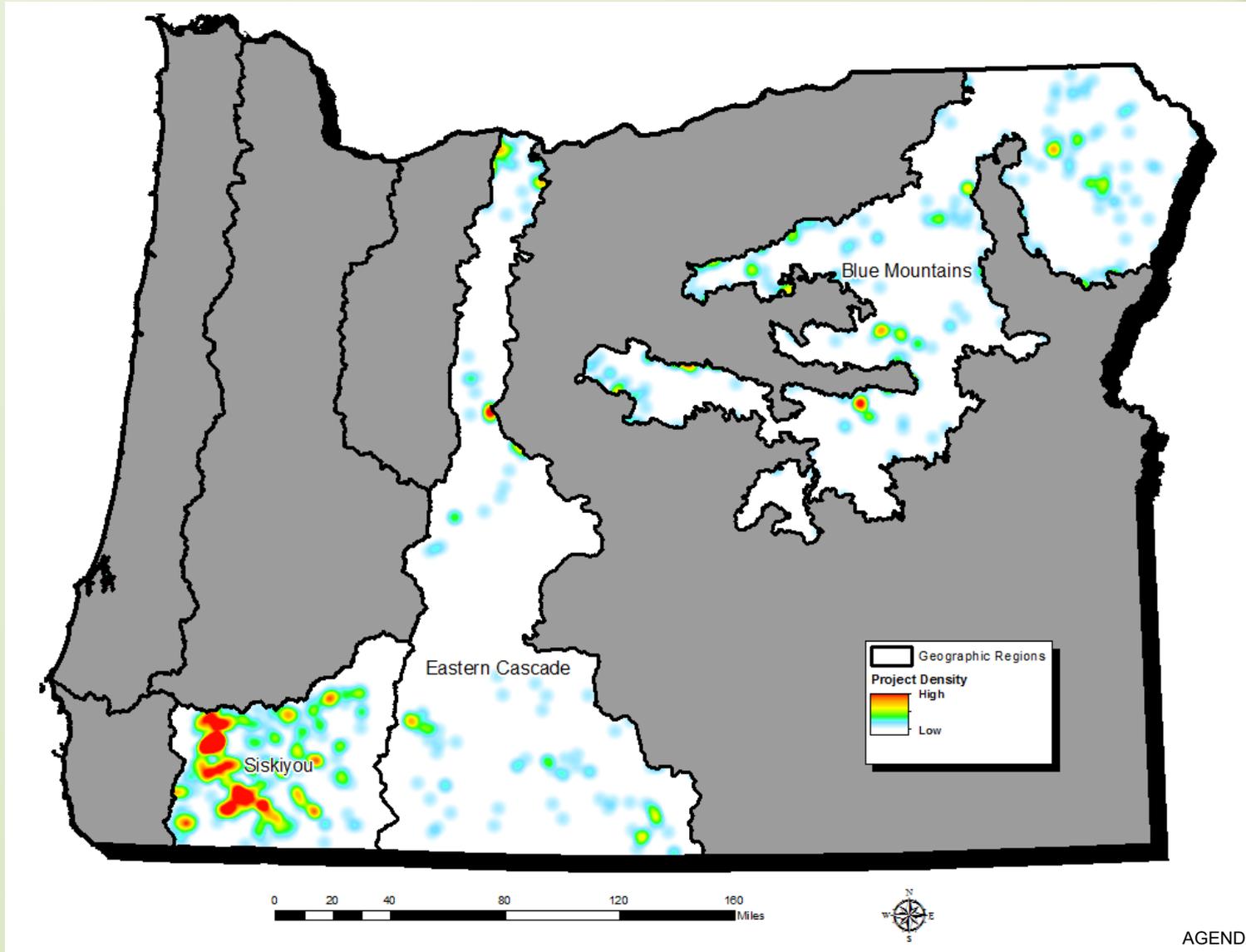




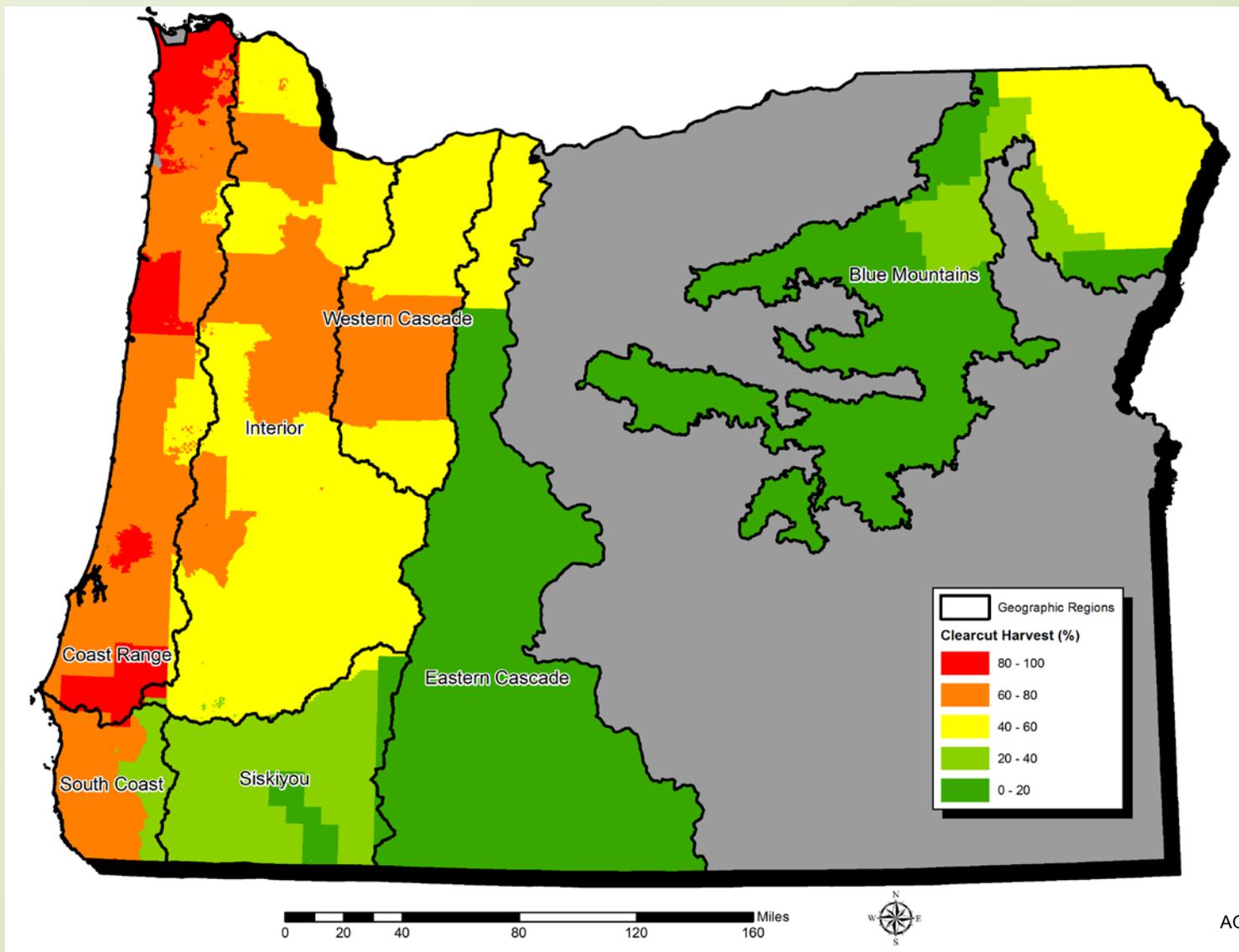
Results: Miles of large streams by ownership, georegion, and stream type



Results: Voluntary Measures

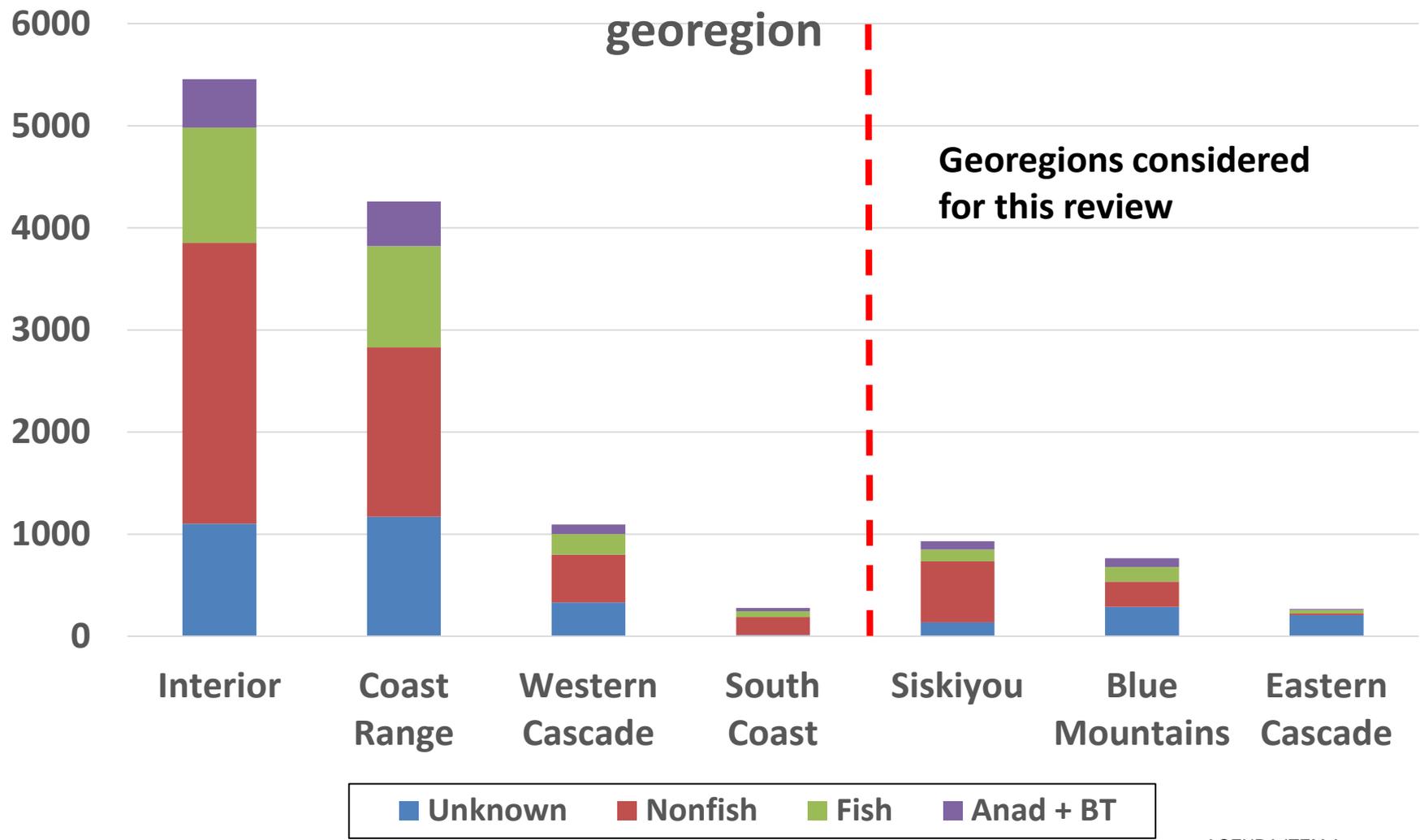


Results: harvest type (% of harvest notifications)





2015-16 Harvest notifications by stream type & georegion



Preliminary Results: Search for Science



Purpose: How much science might be available to answer monitoring question?

**Completed: Database search, but needs filtering
To do: search other sources (e.g., status and trend data, ODFW large wood, ...)**

Levels of Study Rigor – To Be Completed



Study approach	Time to complete	Number of FTE staff involved/cost	Confidence in results/feasibility
Literature review			
Systematic review			
Light field study			
Intensive field study			

Decision Framework



Decision Framework



- **November 2016 Board direction**
- **Informational analyses**
- **Legal & Policy Context: 2011 FPFO, FPA**

Decision Framework: Constraints & Opportunities



Caveat: considerations under development

- **Staff, funds available to do different levels of work**
- **Diverse forest types in Siskiyou, E. Oregon**
- **Economic context of forest management**
- **Partner agencies' priorities**

Board policy decisions



- **Which topic(s): large wood, water quality, riparian forest health**
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Linking the Information: DRAFT decision matrix



Decision element	Considerations		Decision range		
Topic					
Stream size					
Stream type					
Geographic regions					
Study rigor					

Examples of protection reviews



Study	Topic	Streams (size, type)	Georegions	Rigor	Time to complete
RipStream	WQ, LW, DFC	Small & medium Type F	CR, I	High	~14-17 years
Riparian function	WQ, DFC, LW	Small, Medium, Large Type F	I, CR, EC, BM, Sisk, WC	Medium	2-3 years
Stream temp. systematic review	WQ	Small & medium Type F	I, CR, SC, Sisk, WC	Medium	1 year

Next Steps



Report back to Board

- Final results of analyses
- Outline potential approaches & associated timelines to address questions
- A completed decision matrix

Board decisions:

- Which topic(s)
- Where (stream sizes, types, & georegions)
- Level of rigor



Questions?

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