



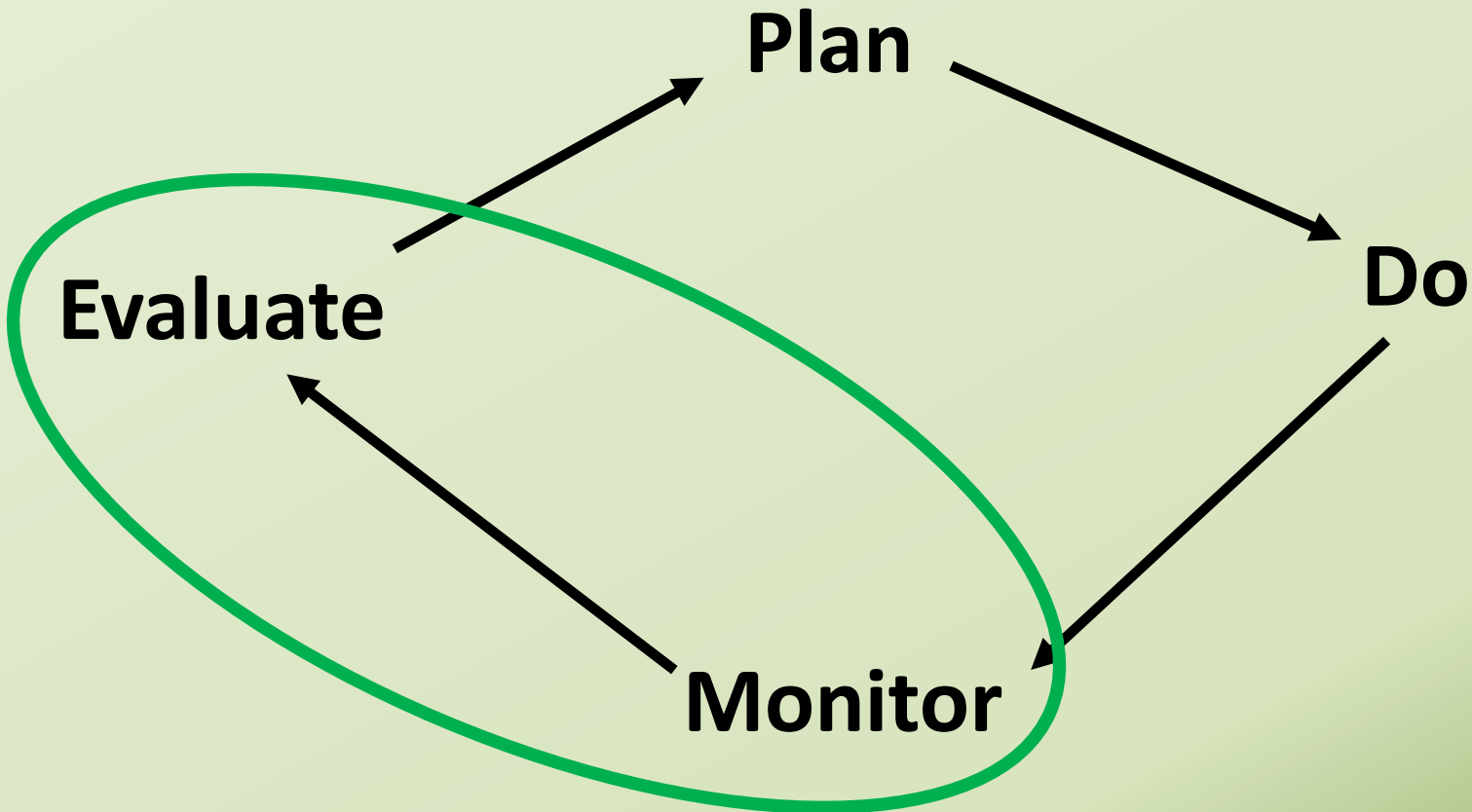
Developing a Framework for Updating Private Forests' Monitoring Strategy

Outline



- Monitoring Program: goals, background, strategy objectives
- Stakeholders: interests, role, timing and inclusion process
- **Methods to prioritize monitoring questions**
- **Preliminary monitoring questions**

Private Forests Adaptive Management



Monitoring Program Goals



- Provide info re: effectiveness, implementation and assumptions associated with forest practice rules & BMPs
- Maximize resources:
 - coordinate with other monitoring & research efforts
 - provide tech. advice & support to other agencies engaged in baseline monitoring
- Determine if rules & voluntary programs:
 - **implemented** in accordance with expectations
 - **effective** in meeting resource protection goals
- Address highest priority monitoring questions
- Work collaboratively with tech. experts & stakeholders → high quality, transparent monitoring results

Monitoring Strategic Plan



Plan needed to prioritize projects for effective & efficient monitoring program

Private Forests' Strategic Monitoring Plan developed in 2002

Time to update!

Previous Monitoring Projects



Examples of Monitoring Projects since 2000

Implementation Monitoring:

- Compliance with leave tree and downed wood FPA regulations
- Compliance with fish passage and peak flow requirements
- BMP compliance monitoring

Effectiveness Monitoring

- Harvest effects on riparian function and structure under FPA rules
- Shade conditions over forested streams in Blue Mountains and Coast Range Georegions
- Wet season road use monitoring project
- Effects of forest management on bald eagle nesting
- Riparian function and stream temperature (RipStream) study [*analysis ongoing*]
- Trask Watershed study [*analysis ongoing*]

Monitoring Plan Objectives



- Prioritized list of high-quality monitoring questions
 - Spatial component to prioritization
- Inclusive, transparent process for developing plan
- Plan integrated with enterprise monitoring

PROJECT DESCRIPTION



What

- Develop list of monitoring questions & projects, then prioritize them
- Describe similarities, differences, & cross-linkages between implementation & effectiveness monitoring of rules and voluntary programs
- Develop methods to periodically evaluate & update this plan



Stakeholders

Stakeholders



Why interested?

- Affected by, or use, findings
- Partners in monitoring projects
- Environmental concerns
- Outreach and education
- Develop policies, rules & programs

Role

Provide input in a transparent and documented manner at specific points in process

Current plan: input will be anonymous

Stakeholders

- Landowners (OFIC, OSWA, CFF, RFPCs)
- Conservation Community (OSPC)
- Internal (field staff, State Forests)
- Certification (SFI, ATF, FSC)
- Operators (AOL)
- Oregon Forest Resources Inst.
- Tribes
- Federal & State Agencies
- OSU (Extension, COF)
- NCASI



Stakeholder Input & timeline

ODF staff work	Items to discuss with stakeholders	When
High-level elements of how to update monitoring strategy		Dec. '14 to Feb. '15
	Approach to structuring stakeholder input TODAY (prioritization schemes & initial monitoring questions)	Feb.-March 2015
Compile monitoring questions, refine prioritization method & plan outline		March-April 2015
	Develop & prioritize monitoring questions, refine outline of strategy	April-June 2015
Draft strategic plan including stakeholder input & key documents		July-August 2015
	Comment on draft Strategic Plan (in writing)	September 2015
Update Board on planning process		September 2015
Complete Strategic Plan		Oct.-Nov. 2015
Present plan to Board		Jan. 2016

Methods to prioritize monitoring questions



Prioritization schemes



- Need method to determine monitoring priorities
- Acknowledge values & subjectivity

Desirable attributes (ideally):

- Transparent & easy-to-document
- Consistent to use
- Easy to understand and use
- Usable with info directly from people or extracted from documents
- Clarify why question is priority
- Consider most “bang for buck”

Prioritization schemes



1. Vote counting

-Focus on values, but not why questions are priority

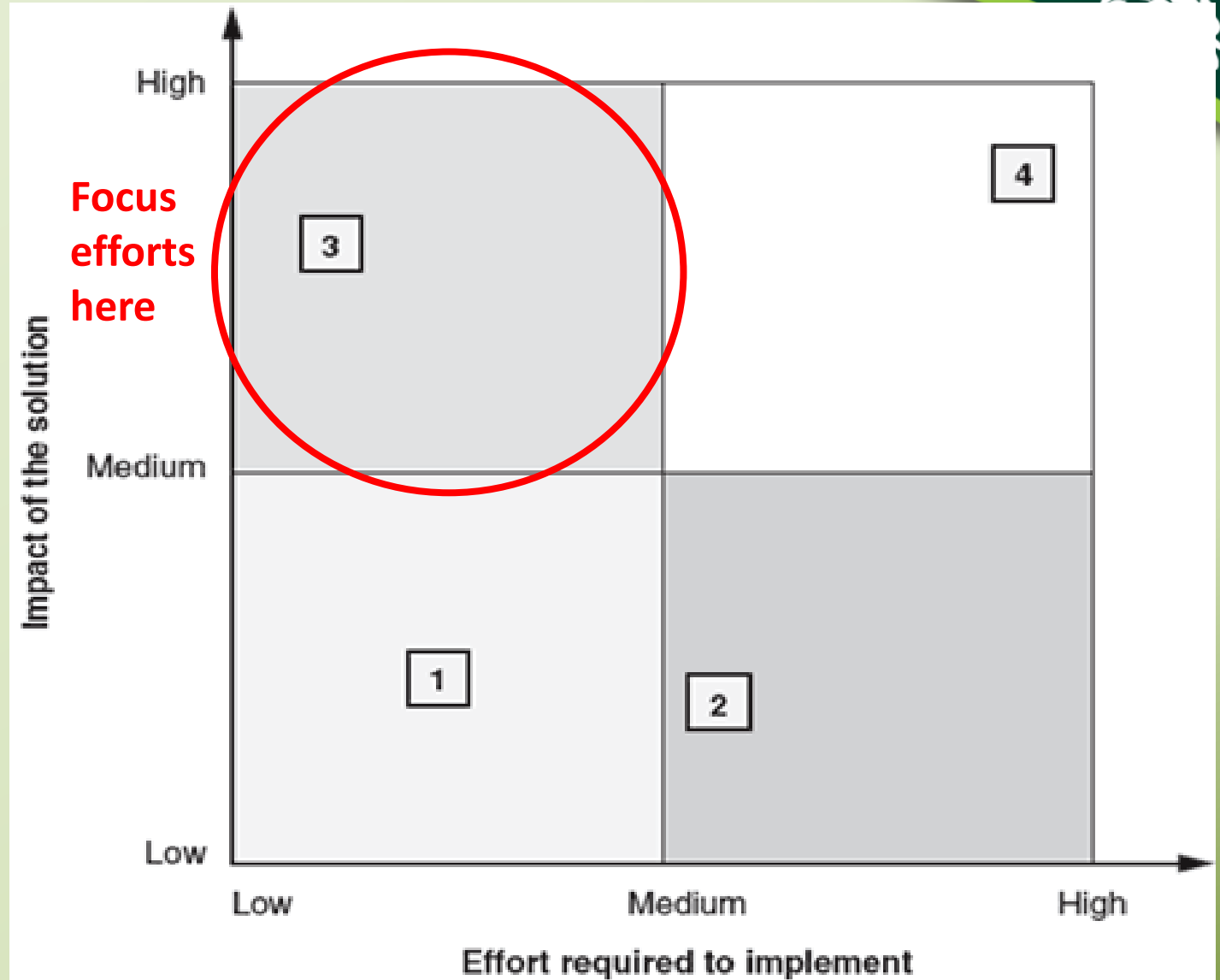
Numerous options:

- List of questions & use numerous votes (e.g., top 5) or sets of votes (e.g., 5 red are high, 5 yellow are low priority)
- Continuous line from least to most important, and place questions along line
- Others....

Prioritization schemes

2. Impact of results vs. Effort to complete

- Focus on “bang for buck”
- Hard to pre-determine?



Prioritization schemes



3. Prioritization Matrix

- Determine criteria for scoring questions
- Compare importance of criteria to get weight:

Criteria	Low cost	Easy to implement	Large impact	Row total	% of Total
Low Cost	-----	5	.1	5.1	29
Easy to Implement	.2	-----	1	1.2	7
Large Impact	10	1	-----	11	64

Prioritization schemes



3. Prioritization Matrix (cont.)

Score questions in matrix:

Criteria (weight)	Question 1		Question 2	
	Strength of meeting criteria	Criteria score (weight x strength)	Strength of meeting criteria	Criteria score (weight x strength)
Low cost (29)	1	29	3	87
Easy to implement (7)	1	7	5	35
Large impact (64)	3	192	3	192
Total for each Q		228		314

Strength of meeting criteria: 1=low, 3=medium, 5=high

Q1 might thus be low priority, Q2 might be high priority

Prioritization schemes



4. Other prioritization schemes....

Your thoughts on prioritization schemes, considering:

Desirable attributes (ideally):

- Transparent & easy-to-document
- Consistent to use
- Easy to understand and use
- Usable with info directly from people or extracted from documents
- Clarify why question is priority
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Monitoring Questions



Initial effectiveness & implementation monitoring questions for ODF to consider



Examples

High level effectiveness: *Are Forest Practices Act (FPA) rules effective at achieving resource protection goals (water & air quality, fish & wildlife) of FPA?*

Detailed effectiveness: *Do the FPA riparian rules promote streamside forest stand structure and large wood recruitment levels that mimic mature riparian stand conditions?*

Detailed implementation of voluntary measures: *What is the rate of active placement of large wood during forest operations?*

Conclusion



By March 25, please provide input on:

- Prioritization schemes & associated elements/criteria
- Initial set of monitoring questions & projects

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