

Anchor Forests

A Strategy to Maintain Working Forests, An East-Cascade Washington State Study



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Information at Anchorforest.org

The Anchor Forests Project

More Than A Bunch Of Trees

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Anchor Forest Videos – Evergreen Magazine



Screen shots from Anchor Forest Video

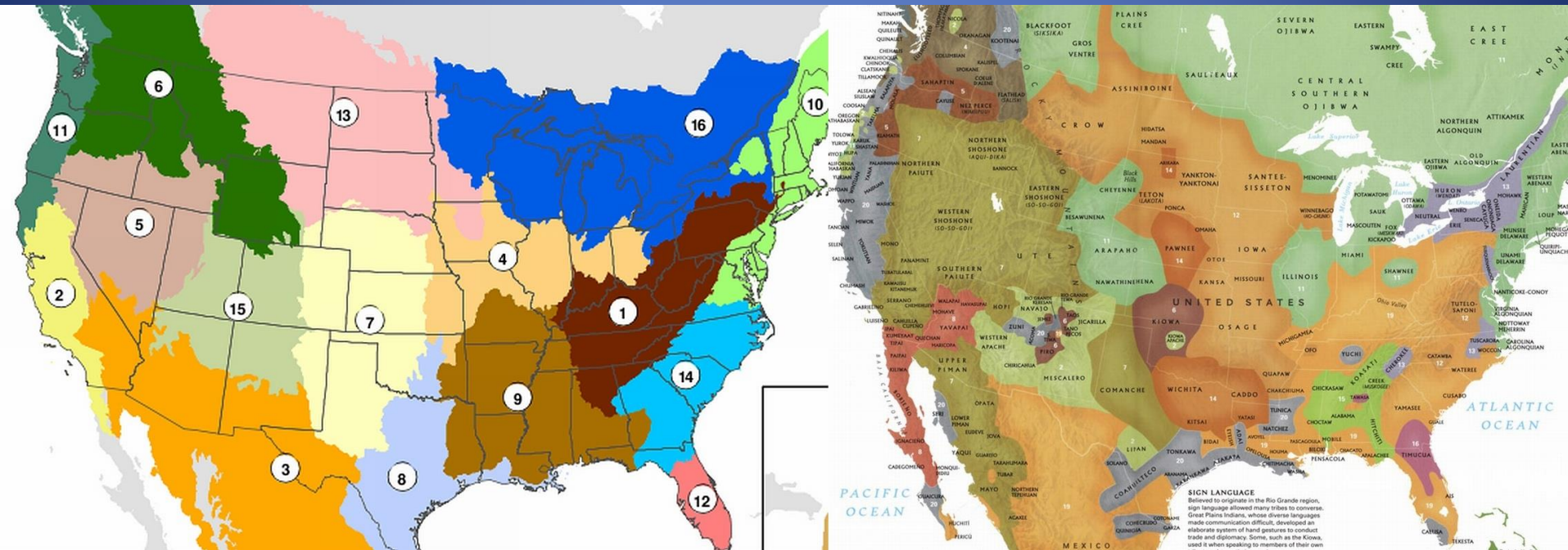




Peoples of North America

Cultural and Biological Diversity
Intertwined For Millennia are Nearly
Aligned to Current LCC – Especially West

Makes Sense to Learn from Tribal Cultures
and over 100 Languages that are Tied to the
Land & Reflect Current LCC Areas



US Dept. of Interior – Landscape
Conservation Cooperatives (LCC)

Tribal Language Groups/Cultures

A banner for the Joint Forest Communicators Workshop - 2016. The background is a collage of vertical strips in shades of blue, green, and brown, resembling a forest scene. A semi-transparent white rectangle is centered over the image, containing the text.

JOINT FOREST COMMUNICATORS WORKSHOP - 2016

Sharing Personal Workshop Travel Stories

- NATIVE NORTH AMERICAN LANGUAGES SPOKEN
 - December 2011 – US Census Bureau Report
- The ACS codes US Census Report
- 381 distinct non-English languages, and
- 169 are Native North American languages
- Tribes=2% of population but 44% of the languages in USA

Intertribal Timber Council Proposal

Anchor Forests Pilot

A proactive approach with three major goals:

- Restore capacity and Infrastructure
- Coordinate management across ownerships to address forest health and ecosystem process issues
- Provide economic, social, and cultural benefits to local communities

The Anchor Forest Concept is:

A relatively large multi-ownership area that will support sustainable long-term wood and biomass production levels backed by local infrastructure and technical expertise, and endorsed politically and publicly to achieve the desired land management objectives



Anchor Forests \neq Timber Harvesting

People
Place
Communities
Sustainability

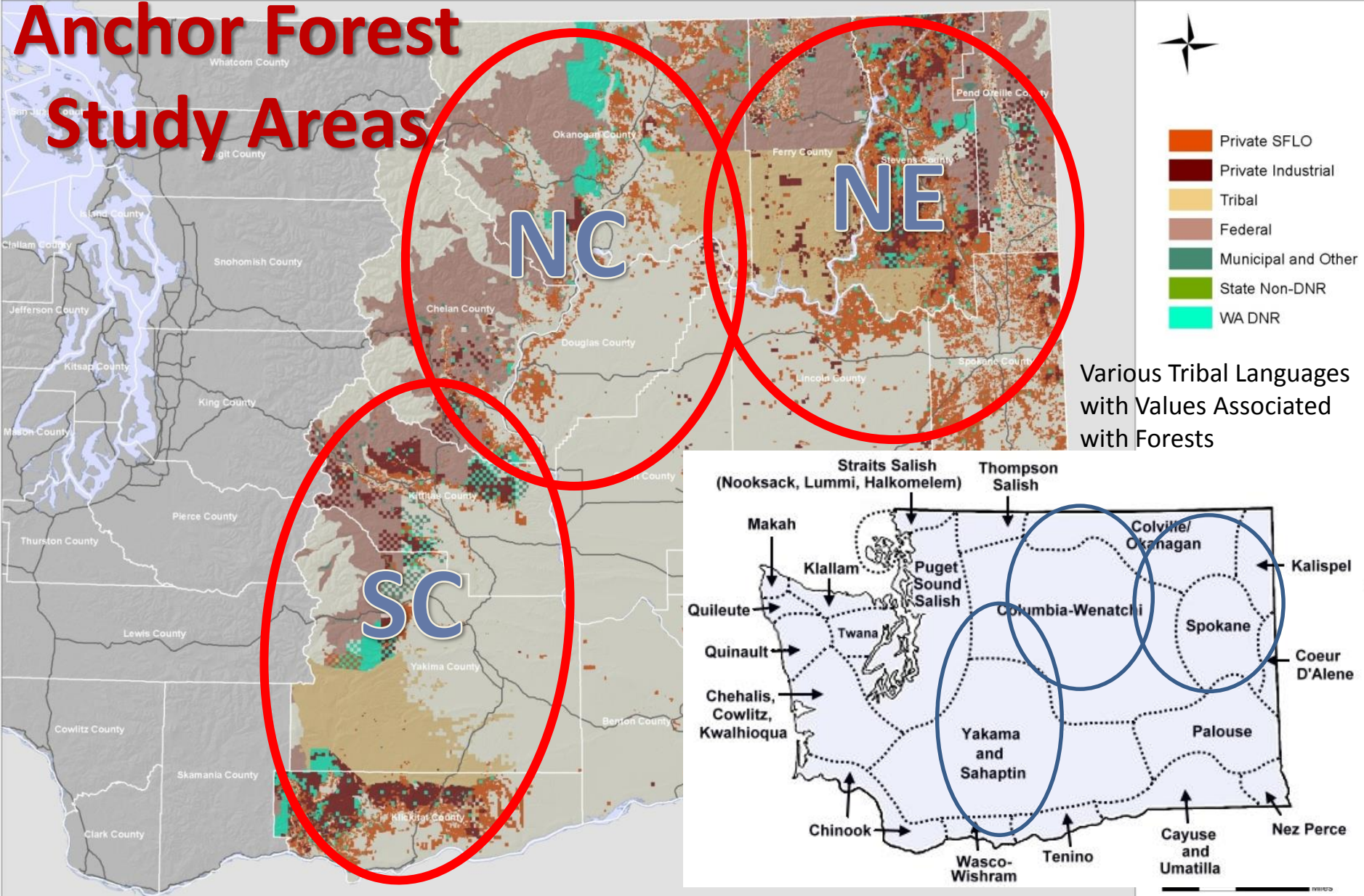


Land Available for Forest Management in Eastern Washington

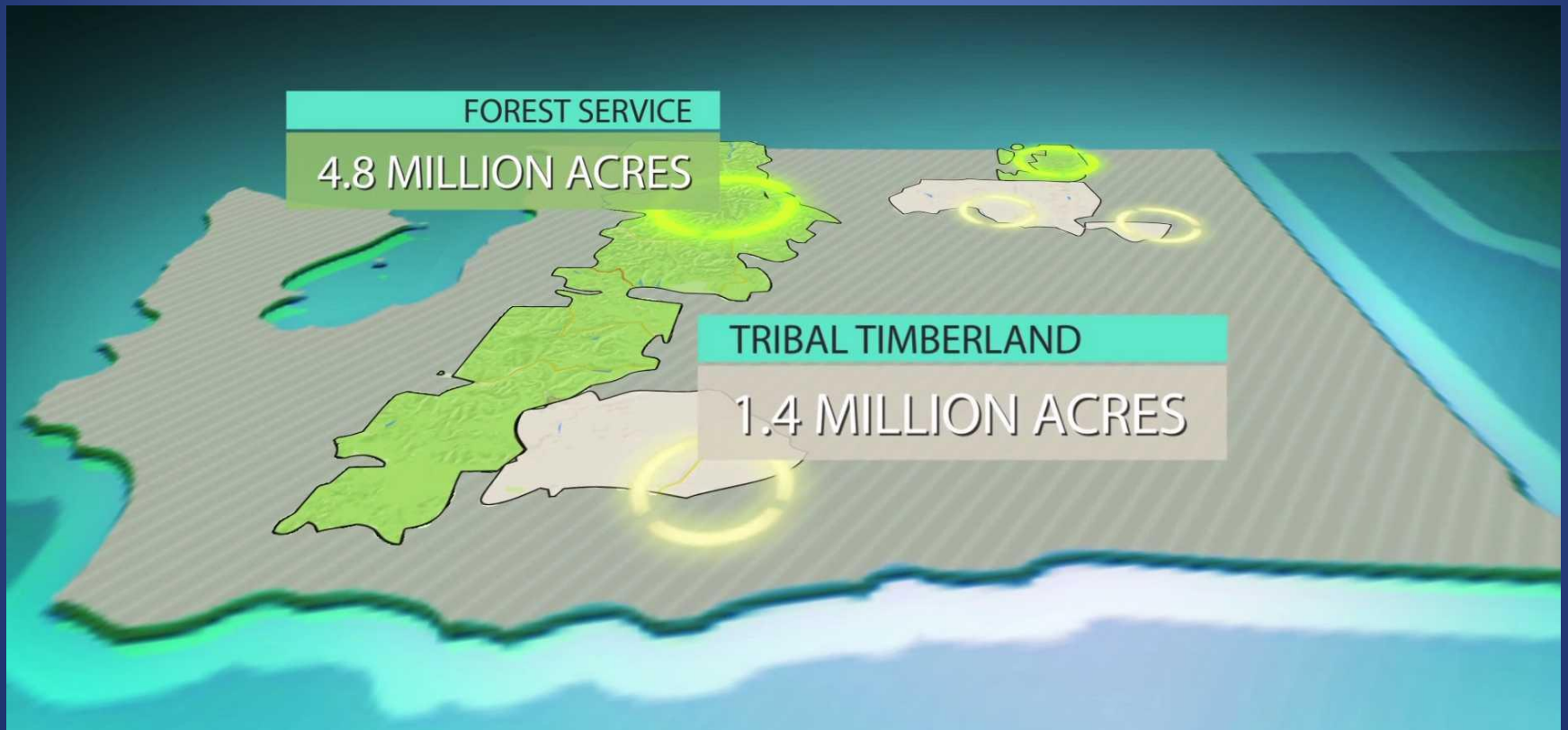
As Identified in the 2007 Washington State Forestland Database

Luke Rogers¹ and Andrew Cooke¹

Anchor Forest Study Areas



Anchor Forest Video Screen Shot



Indian Forests And Tribes are Keys

- Permanent land bases committed to long term stewardship
- Triple bottom line - Balanced management: economic, environmental, cultural
- Management and operational expertise
- Can “bridge gaps”
- Traditional Ecological Knowledge supported by western science
- Reserved and Treaty rights
- Political & legal relationships with the United States

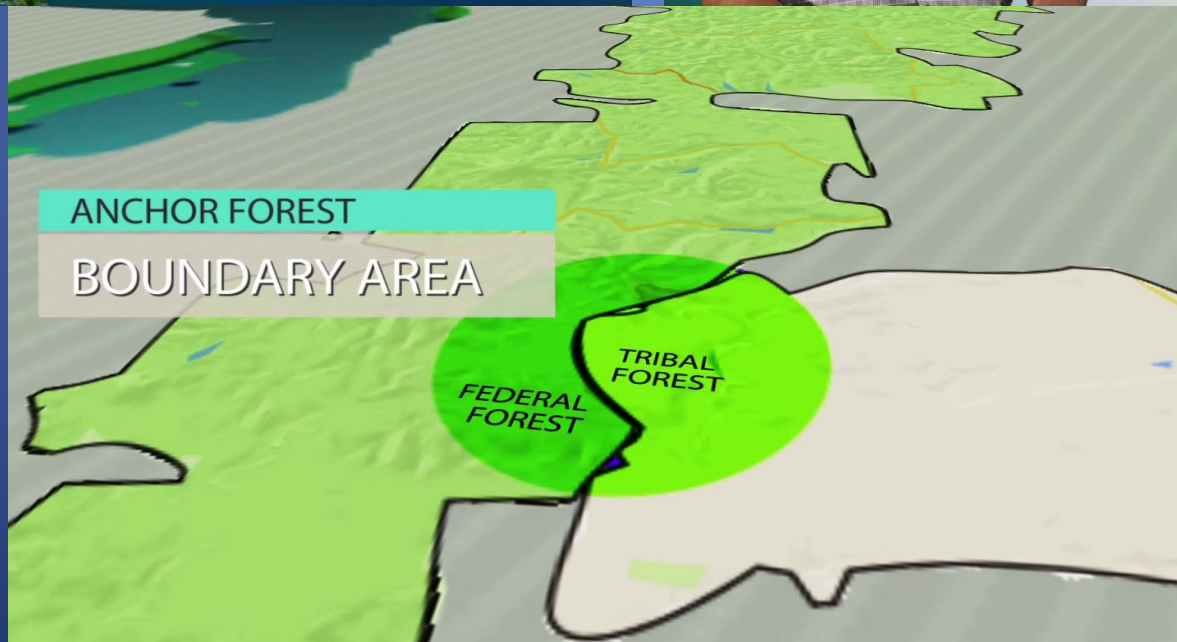
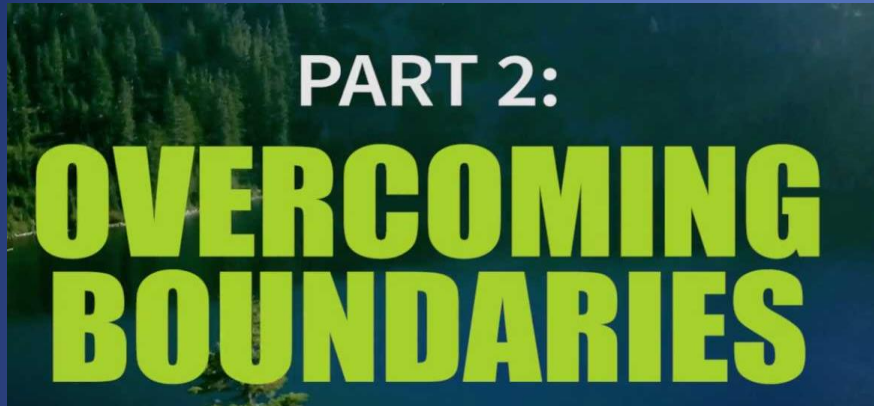


Six Deliverables In Anchor Forest Pilot

Task Matrix

Task Description	Deliverable
1. Infrastructure Analysis	Site Visit introduction to concept/milling/processing/capabilities
2. Case Study Tapash Collaborative	Study will identify strengths and challenges of one model of collaboration
3. Institutional Capacity Evaluation	Landscape Collaboration Potential Evaluation/FMP & Staffing Reference
4. Barriers to Collaboration	Focus Groups/Recommendations on Anchor Forest Concept
5. Database Development	Identification of technical and financial opportunities connected to management
6. Quantify Non-Market Values	Attempt to map out a process for evaluating values of ecosystem services

Anchor Forest Video Screenshots



Integrated Assessment



The diagram consists of three vertically stacked, overlapping circles. The top circle is reddish-brown and contains the text 'Infrastructure Analysis'. The middle circle is green and contains the text 'Overcoming Barriers'. The bottom circle is purple and contains the text 'Institutional Capacity'. To the right of these circles is a bulleted list of three questions, each starting with a red dot.

Infrastructure
Analysis

Overcoming
Barriers

Institutional
Capacity

- Within each study area, how are these **components** influencing forest management on the ground?
- What are the **barriers or obstacles** within the existing system?
- What is the **potential for multi-jurisdictional management**, cross-boundary forest?

Components Influencing Forest Management

- Each Collaborative is Structured Differently
- Financial Support for Collaborative Participation and Planning is needed
- Some Areas have Sufficient Infrastructure While Others do Not
- Taking on Projects off Reservation puts Strain on Tribal Resources
- Forest Service and Tribal Staff not Familiar with Processes to Implement Projects.

Components Influencing Forest Management

- Balancing Economic/Social/Cultural needs with Environmental Objectives
- Addressing Climate Change with Fire/Fuels and Smoke Management
- Survey Results 70% Believe Forest Management Improves Ecological and/or Watershed Conditions
- Survey Results 40% felt Collaborative Efforts are Effective
- Survey Comment: Collaborative process with ESA and Conflicting Environmental requirements are too slow to Deal with Forest Health Issues.

Barriers and Obstacles

- NEPA Process is Slow and Time Consuming
- Collaborative Process Requires Support from Federal Agencies and a Champion to Move the Effort
- Collaboration Require Significant Time and Effort Over Long Periods with Dedicated Participation-USFS Staff Move Frequently and Lengthen the Process
- Lack of Leadership and Commitment from USFS Staff for Fear of Losing Job Advancement Opportunities
- Collaborative Authority needs to be Binding Participation Should be Required

Barriers and Obstacles

- A Champion in each Agency and Tribe to Assist in Directing a Pilot Projects
- Develop a United Voice that is Clear and Consistent
- Identify Specific Authorities for Each Landowner and work these into a Strategy to Implement the Anchor Forest Concept
- Identify Funding for Planning and Collaborative Participation for Key Members
- Invest the Time to Build Relationships with Key Resources

Potential for Multi-Jurisdictional Management

- Potential Exist with Federal Agencies, States and Tribes
- Interactions with Private are Possible and Inevitable in areas with Milling Capacity that is not Tribally Operated
- Time and Effort is Needed to Develop a Long Term Strategy- Implemented by Multiple Partners- A Common Vision and Prioritization of Projects
- Understand the “TOOLS” Stewardship Contracting, TFPA, CFLRP, Coop Agreements & Stewardship Agreements
- Good Neighbor Policy & MOU's.

Potential for Multi-Jurisdictional Management

- Millions of Acres are in Need of Restoration and Thinning
- Over 3000 Acres of Reservation Boundary are Adjacent to Federal Lands and Threaten Tribal Resources
- Stewardship Contracting is the Preferred Authority by the Forest Service and is making Changes
- Momentum has Started with Key Indicators for Tribal Management Identified in the IFMAT Report (3rd party)
- TFPA and USFS meetings are Providing a Platform for Change
- Tribes and USFS have Started Discussions to Implement Projects – Colville NF Plan Revision

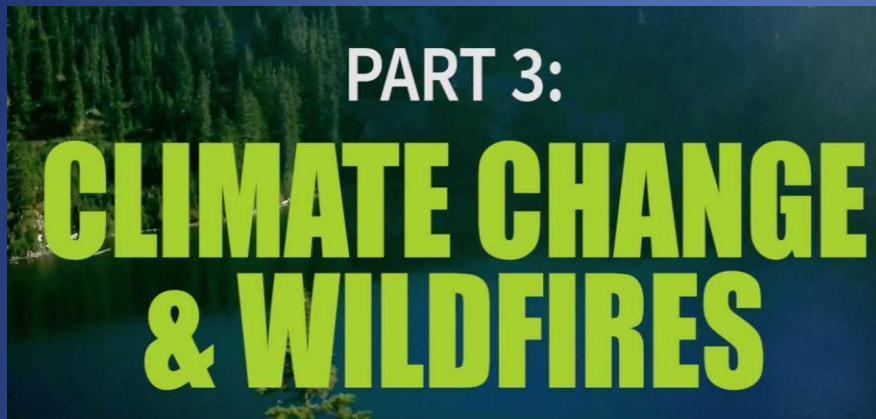
A red logging skidder is shown in a dense forest, carrying a large load of logs. The skidder is positioned on a slope, and the logs are stacked on its deck. The background is a lush green forest under a clear blue sky.

Use it . . .

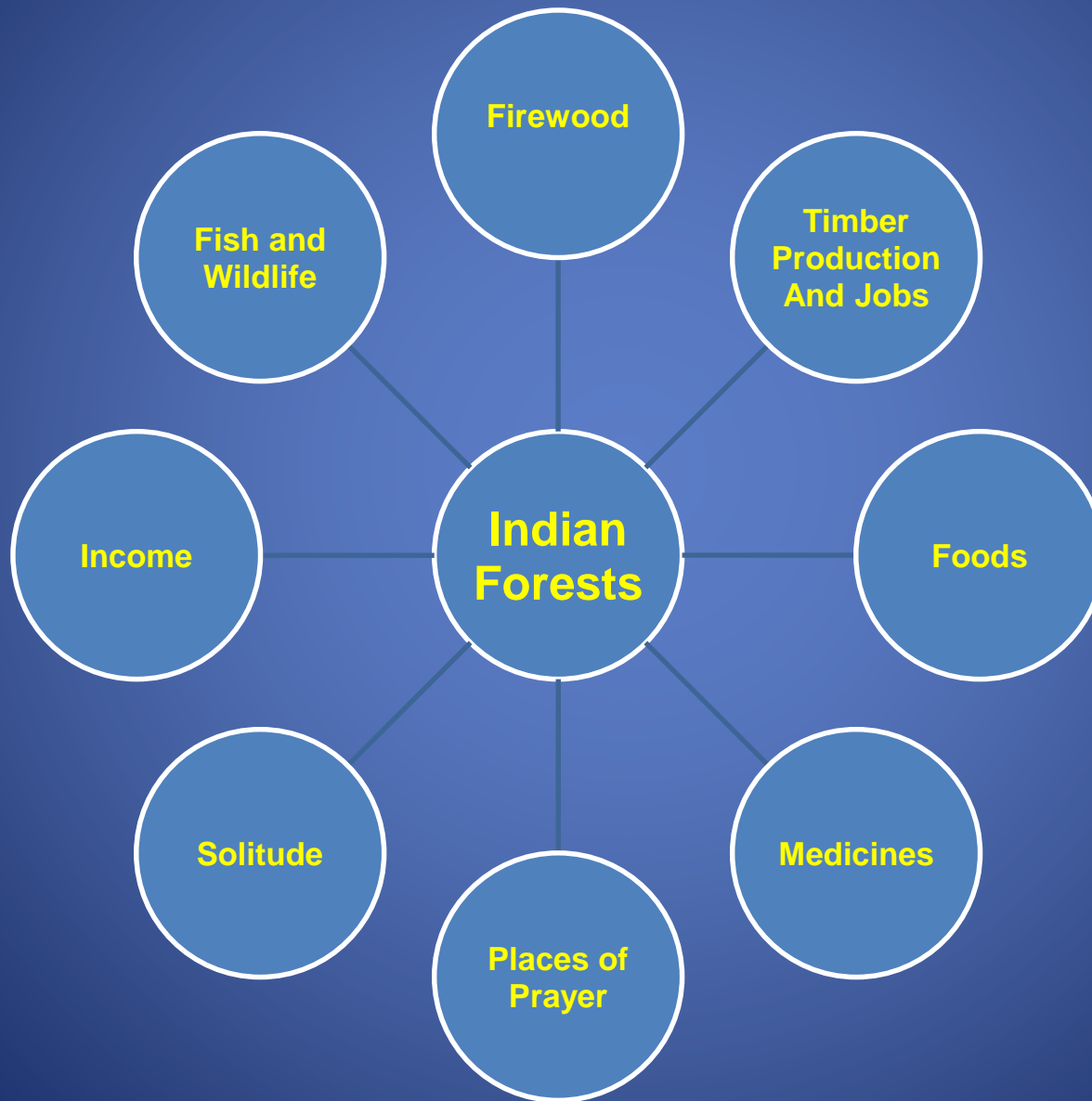
. . . or lose it

A large fire is burning in a forest, with flames and smoke rising. The fire is intense, with bright orange and yellow flames consuming the trees and undergrowth. The smoke is thick and dark, filling the upper part of the frame.

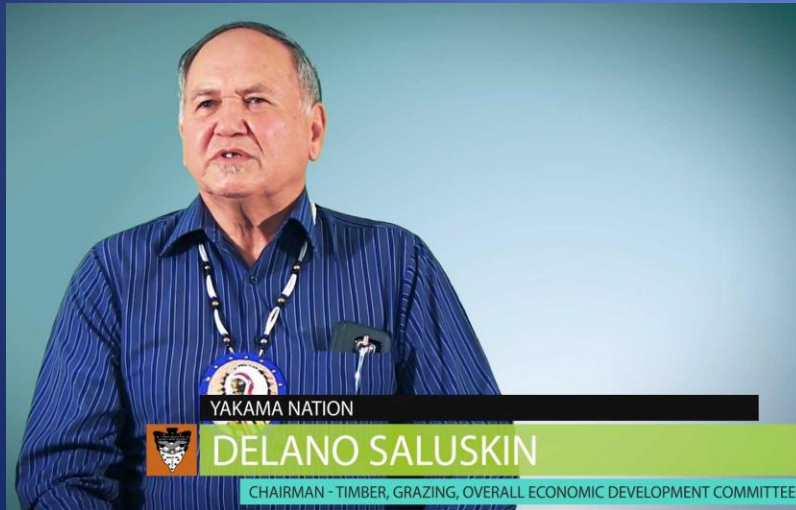
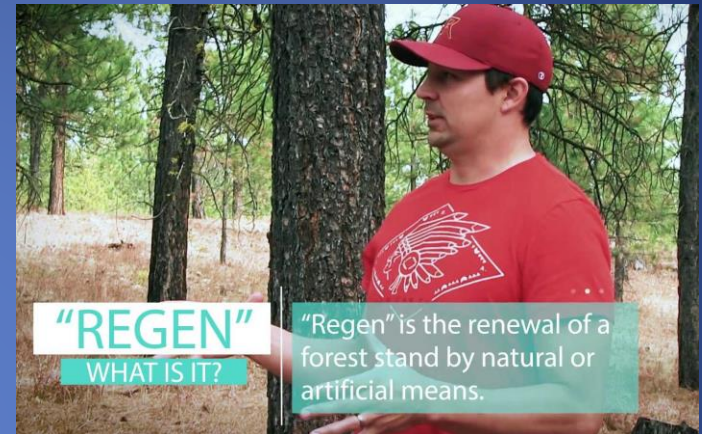
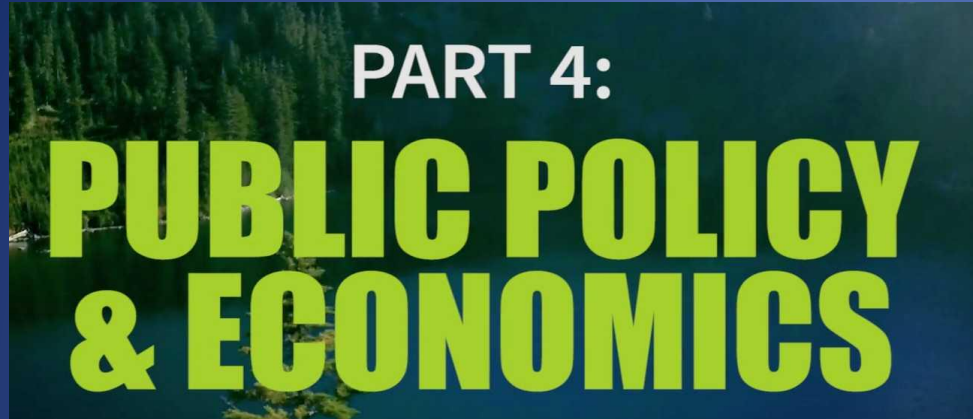
Anchor Forest Video Screen Shots



Indian Forest Provide the Anchor for Change



Anchor Forest Video Screen Shots



Anchor Forests Recommendations

- Implement forest conservation and management projects at a sufficient spatial and temporal (15+ year) scale to make a significant difference at the landscape (1,000,000 plus acre) level. Long-term Stewardship Agreements
- Classify landscape conditions or regions with similar attributes using measurable metrics, where social/cultural, economic, and ecologic goals are prioritized.
- Identify the direct and indirect impacts associated with ecosystem services through long- term monitoring.

Anchor Forests Recommendations

- Involve diverse land ownership's as stakeholders through third party facilitation and structured communication outreach programs to attain a foundation to develop actionable strategies.
- Develop a measure of 'protection' for the collaborative process and stakeholder efforts in order to minimize administrative appeals and objections, and focus on environmental performance.
- Support efforts to engage tribal leadership in collaborative efforts for cross-boundary forest management.

Anchor Forests Recommendations

- A “champion” and leader is needed in each agency and tribal entity to collaboratively prioritize and direct management of Anchor Forests. Utilize IPA agreements with tribes and state.
- Funding sources should be integrated within a structured “one stop” shopping investment framework to facilitate effective leveraging and efficient application.
- Develop a transparent public forum for dissemination of collaborative decisions, examples, results, and successes. Colville Tribal input on Colville NF Plans.

Anchor Forests Recommendations

Proposed Treatment Acres for eastern Washington. Total forested acres, current annual treatments by landownership, and estimated biomass produced and used for each study region in the Anchor Forest Assessment are shown for eastern Washington. The proposed increases in treatment acres are to maintain working forests and improve forest resilience within a multi-jurisdictional landscape. These proposed acres would be in addition to the “Current Acres Treated Annually”. The “Operable Acres Needing Treatment” represent all available acres after the exclusion of wilderness, inventoried roadless, and other federally protected lands.

Regional Conditions and Target Treatments	South Central	North Central	Northeast
Forested Acres	2,356,000	3,276,000	1,808,000
Operable Acres Needing Treatment ¹	450,000	468,000	973,000
Current Acres Treated Annually	43,743	28,992	70,465
Current Annual Timber Harvest (MMBF)	288	77	298
Estimated Annual Biomass from Harvest (BDT) ²	233,280	62,370	241,380
Estimated Utilized Biomass (BDT) ³	39,411	10,537	40,779
Eastern Washington Forest Products Produced by Region	43%	12%	45%
Proposed Total Increase in Treatment Acres	+2,257	+7,008	+14,035

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