Developing Oregon's 20-Year Landscape Resiliency Strategy

ODF Board of Forestry

01.04.2023

Portland
The Dalles
Pendleton
La Grande
Joseph
Salem
Madras
Baker City
John Day
Eugene
Bend
Burns
Roseburg
Medford
Klamath Falls
Lakeview
N
0
37.5
75
150 Miles
Data Source: NIFC, Interagency Fire Perimeters All Years.
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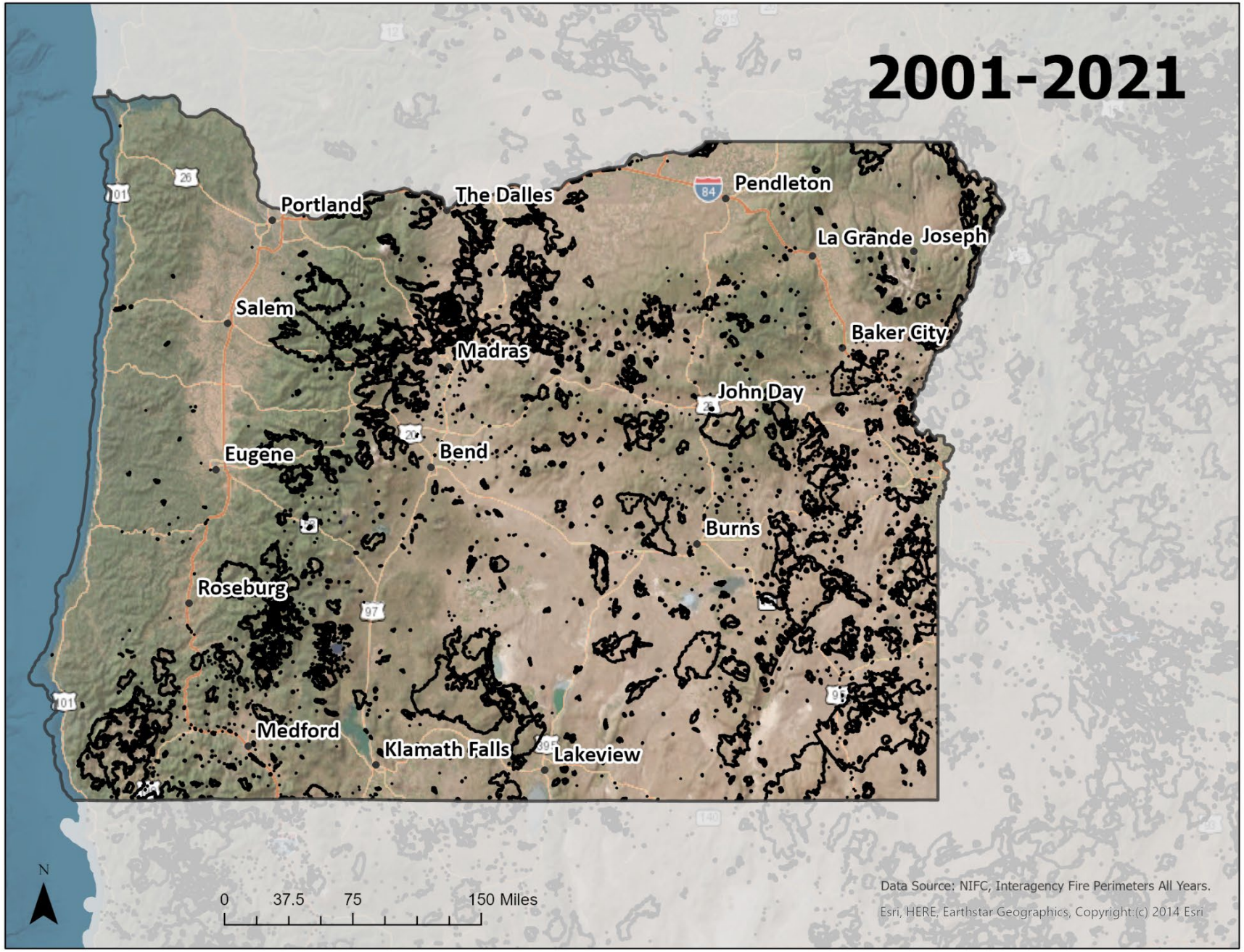
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Shared Stewardship MOU and Senate Bill-762

“20-year strategic plan that prioritizes restoration actions and geographies for wildfire risk reduction that can be used to direct federal, state, and private investments in a tangible way”

Path to Oregon's 20-Year Strategic Plan

Phase 1: Jan → July 2022

Phase 2: July - Dec 2022

Phase 3: Jan - Jun 2023

Phase 4: July 2023 →

Build the Foundation

- Shared vision
- Governance structure
- Engagement with Sovereign Nations
- Stakeholder engagement
- Framework for plan development

Compile Information

- ID and gather reports, maps, data, etc.
- Priorities from existing plans
- Produce supporting materials (priority maps, capacity & readiness assessment, etc.)
- Develop goals and targets
- ID steps to achieve goals
- Develop metrics and accountability mechanisms

Draft the Plan

- Draft
- Review
- Finalize and endorse
- Publish

Implement the Plan

- Plan roll-out
- S2 conference?
- Governance meetings
- Accountability reviews
- Adaptive management

Key Components of Shared Stewardship

Vision and Strategic Elements

Vision

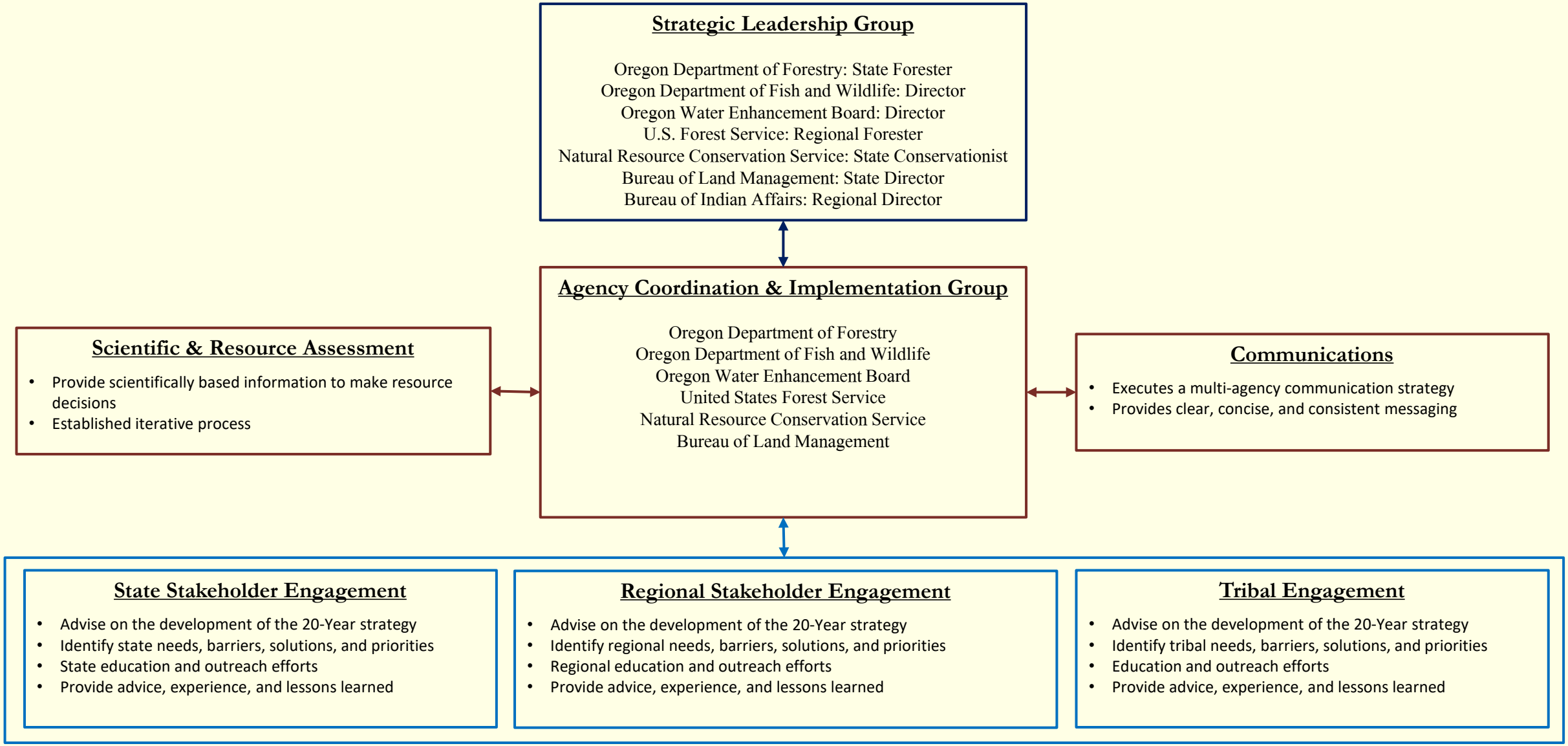
- *Healthy and resilient landscapes supporting Oregon's social, economic and ecological goals*

Strategic Elements

- Reduce wildfire risk to communities
- Enhance resilience in landscapes in the face of climate change
- Create functional aquatic and terrestrial ecosystems
- Support vibrant local economies
- Protect healthy watersheds and water resources
- Provide quality outdoor opportunities for all Oregonians
- Promote equity through the stewardship of landscapes

Oregon's Shared Stewardship Framework

DRAFT



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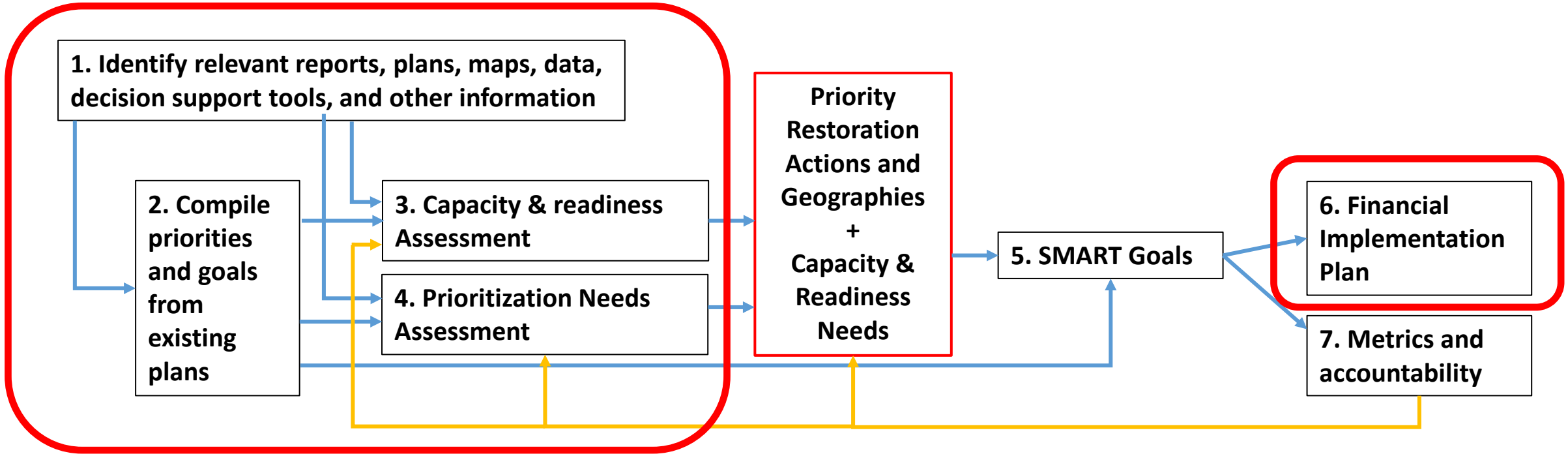
Workstreams to Produce 20-Year Strategy



Capacity & Readiness Assessment

Purpose

- Identify where conditions are in place for near-term implementation
- Identify where conditions are not in place and what the gaps are
- Identify what needs to be done to create the necessary conditions for implementation

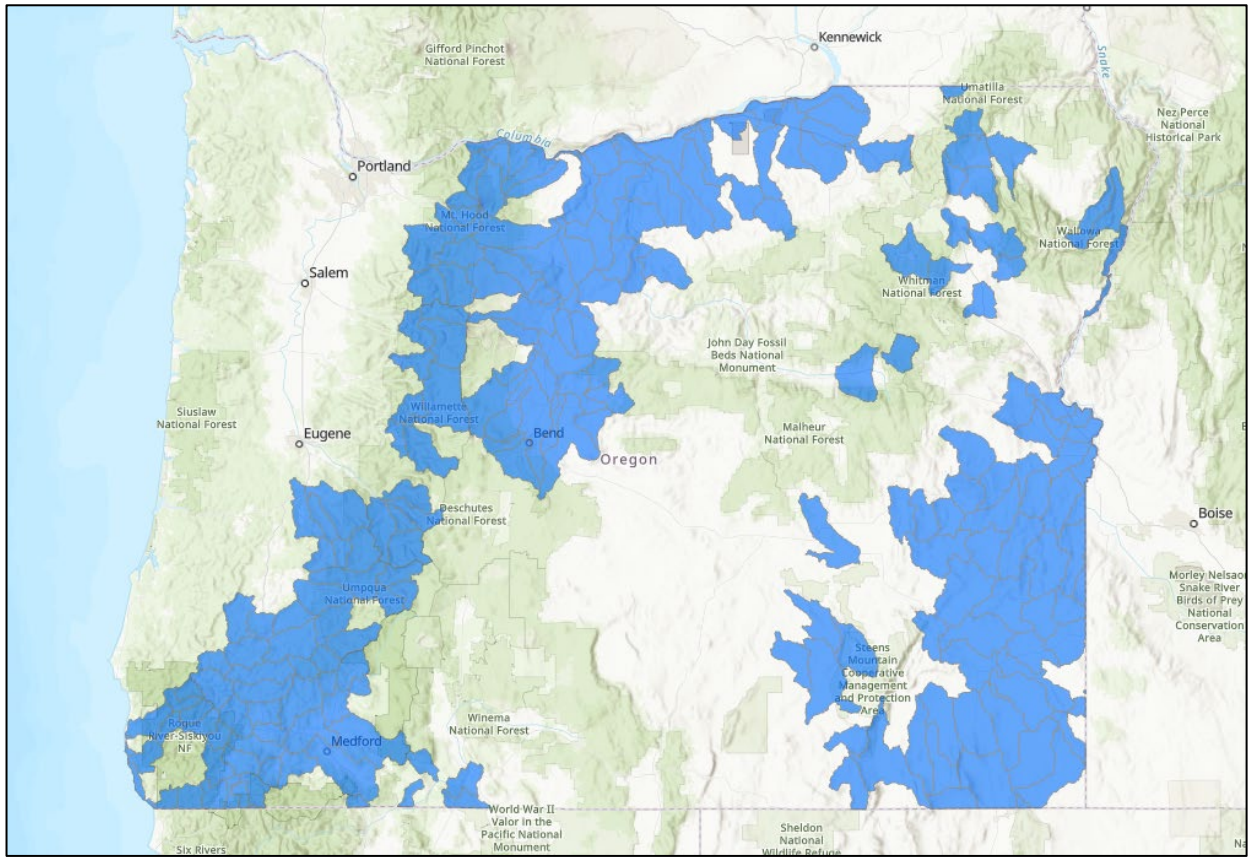
Considerations (examples)

- Human
- Legal
- Planning and Implementation
- Infrastructure
- Community/social

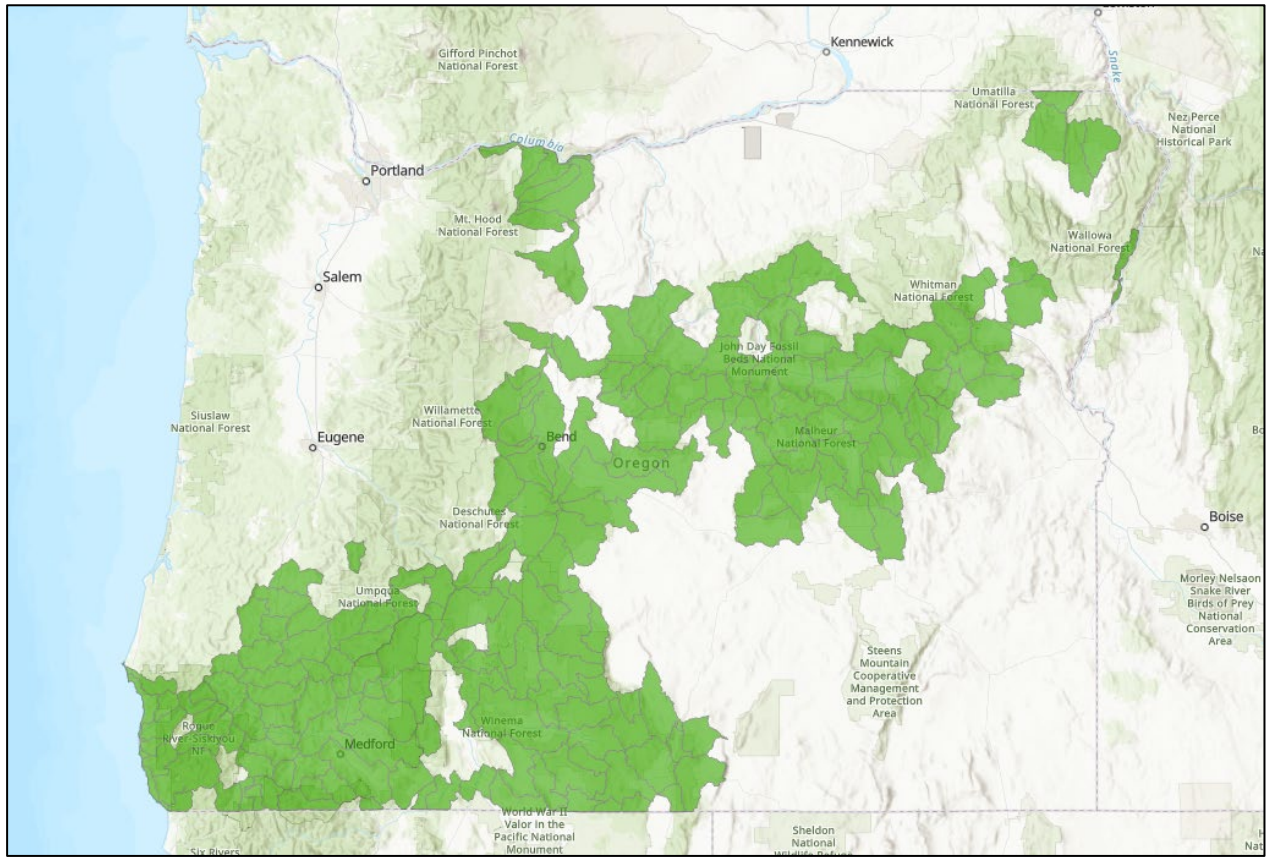
Prioritization Needs Assessment

A. Approach to prioritization
B. Prioritization Criteria
C. Restoration Needs Assessment (Near-term)
D. Restoration Needs Assessment Decision-Support (Long-term)
E. Identifying priorities

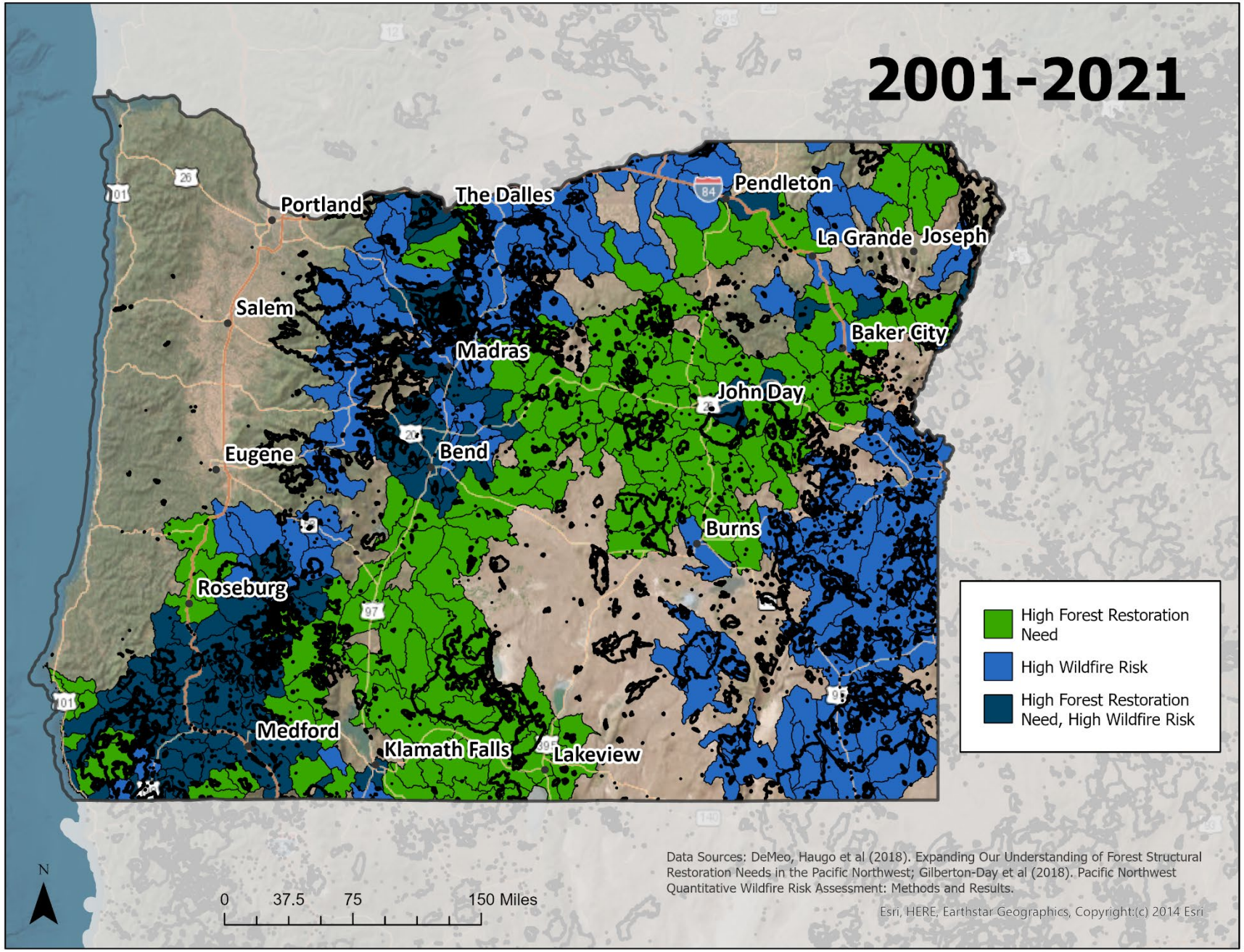
Wildfire Risk & Restoration Need



Wildfire Risk
(QWRA Top 4 eNVC classes**)**



Forest Disturbance Restoration Need
(Expanding Our Understanding of Forest Structural Restoration Needs in the PNW)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High Forest Restoration Need
High Wildfire Risk
High Forest Restoration Need, High Wildfire Risk
N
0
37.5
75
150 Miles
Data Sources: DeMeo, Haugo et al (2018). Expanding Our Understanding of Forest Structural Restoration Needs in the Pacific Northwest; Gilberton-Day et al (2018). Pacific Northwest Quantitative Wildfire Risk Assessment: Methods and Results.
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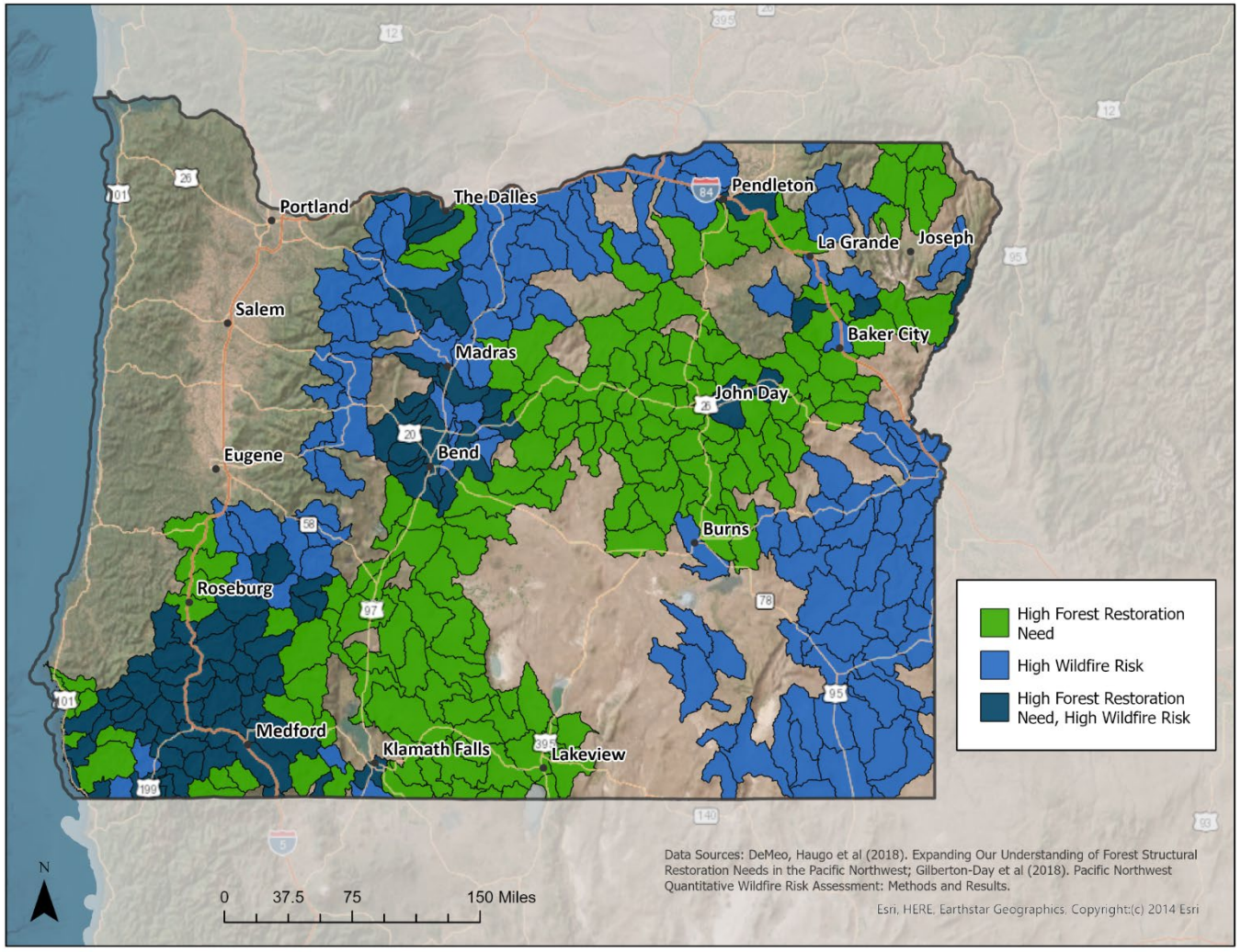
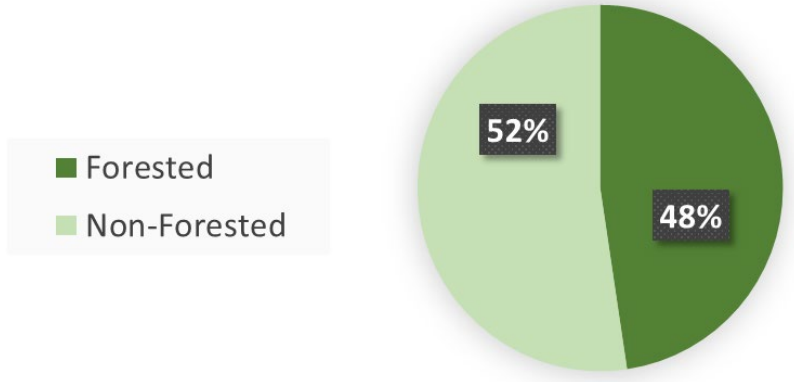
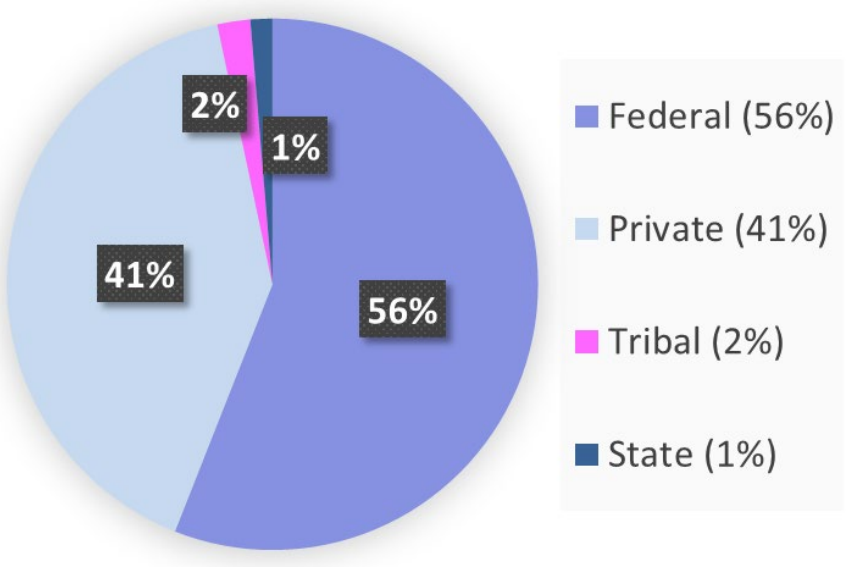
Wildfire Risk and Forest Restoration Need

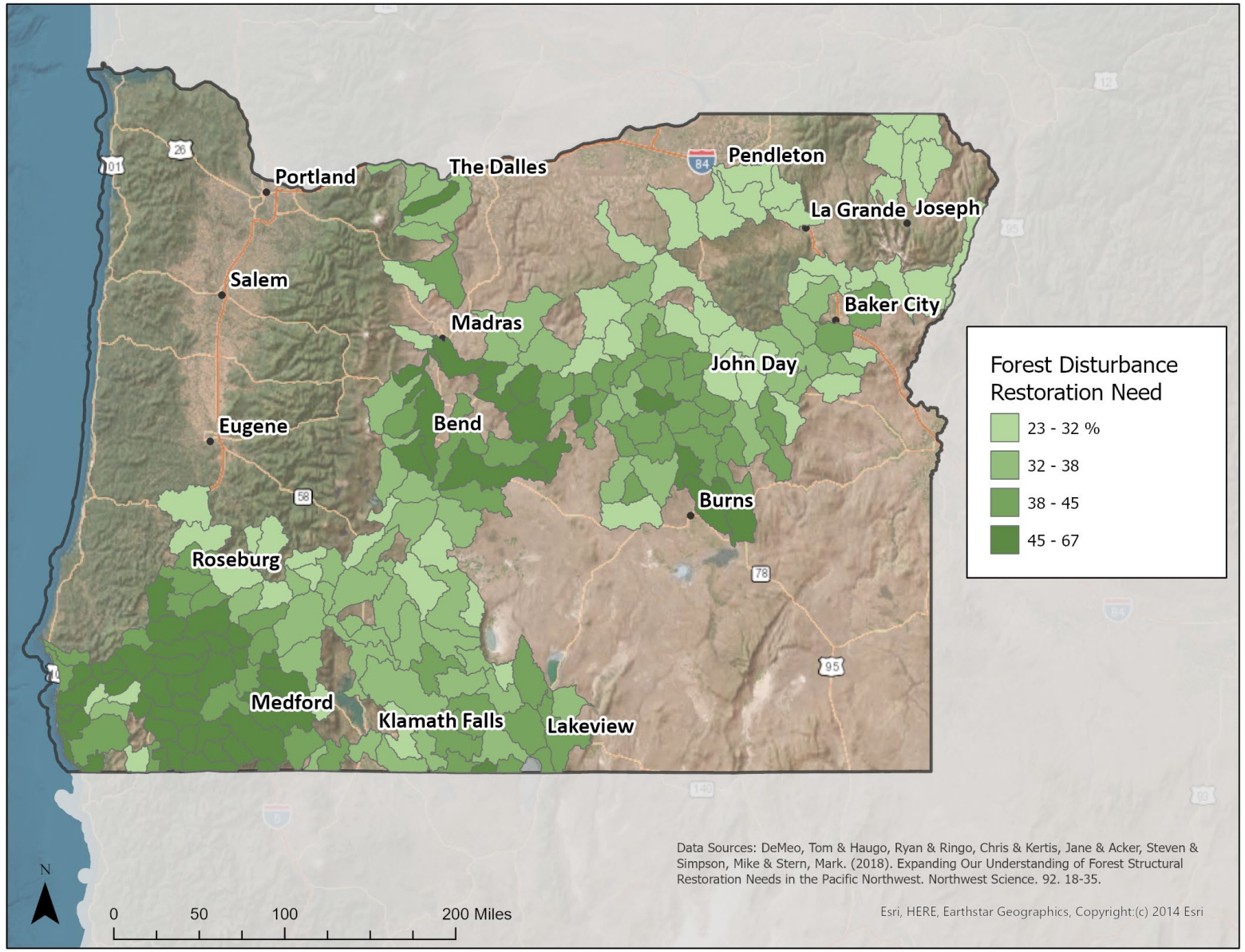


58% of Watersheds (37,748,828 Total Acres)



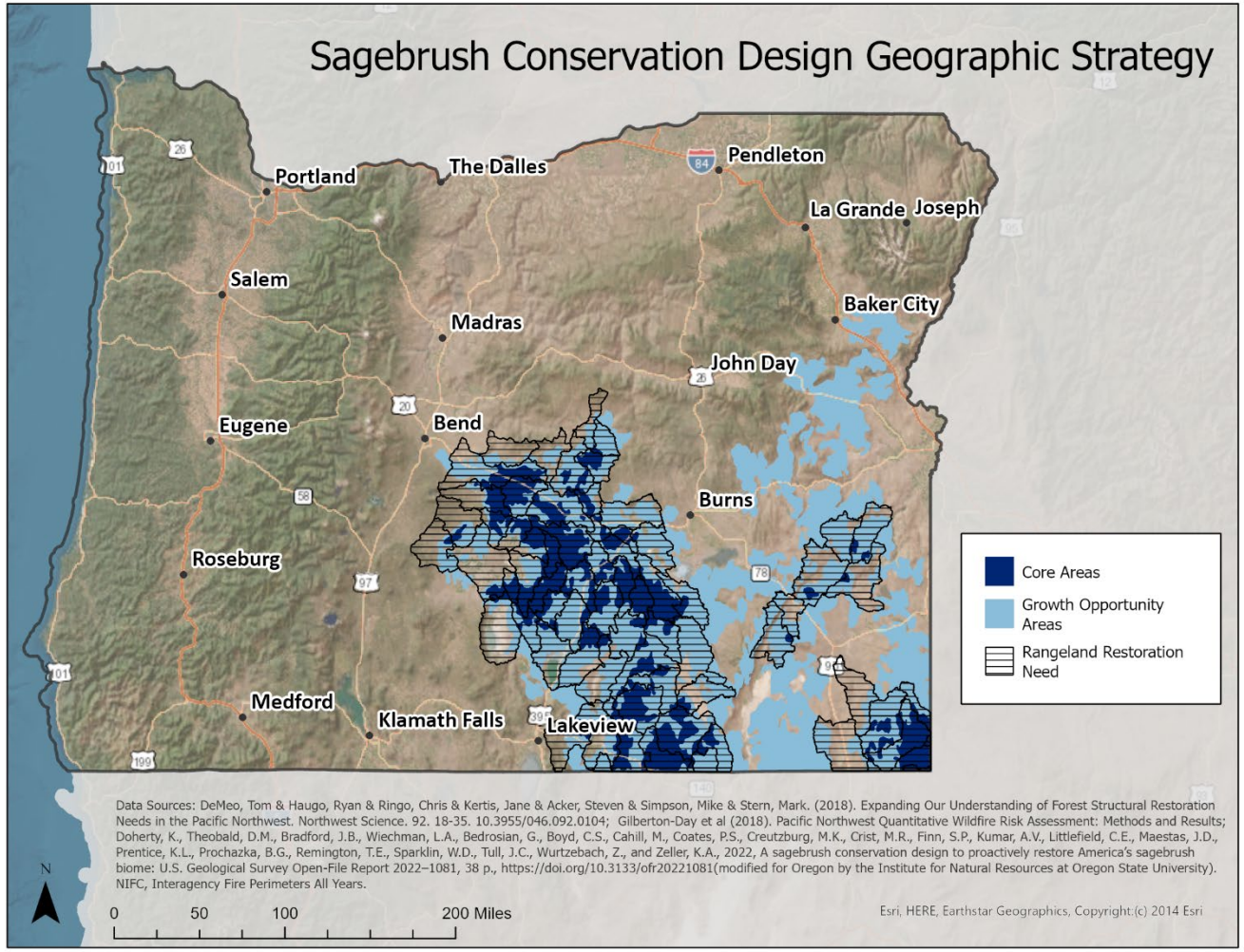


Forest Restoration Need



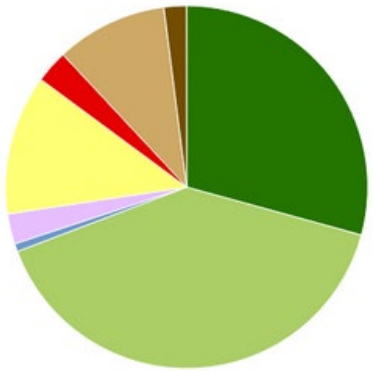
Transition Name	Restoration Need Type
Opening/high fire	Disturbance Only
Overstory thinning	Disturbance Only
Thin / low fire	Disturbance Only
Other disturbance + Grow	Disturbance then Succession
Thin / low fire + Grow	Disturbance then Succession
Other disturbance + Grow	Disturbance then Succession
Other disturbance + Grow	Disturbance then Succession
Other disturbance + Grow	Disturbance then Succession
Other disturbance + Grow	Disturbance then Succession
Grow without fire	Succession Only
Grow with fire	Succession Only
Grow without fire	Succession Only
Grow with fire	Succession Only
Grow with fire	Succession Only

Rangeland Restoration Need



"In the Northern Great Basin, a diverse group of partners piloted the **use of threat-based state and transition models to fight invasive annual grass invasion, encroaching conifer woodlands, and altered wildfire regimes** (Johnson and others, 2019)…. **This broad strategy focuses on first protecting intact and functioning sagebrush ecosystems ("cores")** and then working outward to improve the management and restoration of more degraded landscapes"

(Doherty, K at al. 2022, A sagebrush conservation design to proactively restore America's sagebrush biome: U.S. Geological Survey Open-File Report 2022–1081, 38 p., https://doi.org/10.3133/ofr20221081)



Category	% area
A: Good condition shrubland	29%
A-C: Intermediate condition shrubland	40%
B: Good condition grassland	1%
B-D: Intermediate condition grassland	3%
C: Poor condition shrubland	12%
D: Poor condition grassland	3%
Juniper: low-mid cover	10%
Juniper: high cover	2%

Threat-based ecostates in draft rangeland restoration need layer

Role of the 20-year strategy and how Agencies think about investments

Options suggested by ACIG members

- Restoration projects (SB762)
- Federal Forest Restoration Program
- GNA
- FIP and other grant programs
- Habitat restoration priorities
- Landscape mitigation opportunities
- 5-year planning process
- Agency restoration projects
- State and private funding opportunities
- Future NEPA areas
- Community assistance programs
- Informing collaborative initiatives
- Agency planning process through county long range plans
- Develop new conservation implementation strategies

Collectively: Coordinated actions and investments

Priority Actions

Options for Types of Actions

- Build capacity: local groups; tribes; agencies; workforce
- Engage with Tribes, stakeholders and communities to build social license
- Planning (NEPA, Management Plans, etc.)
- On the ground resilience and risk reduction treatments
  - Mechanical
  - Controlled burn
  - Managed fire
  - Maintenance
- Product utilization & mill infrastructure
- Monitoring, data collection, research
- Develop decision support tools and information
- Develop new funding mechanisms
- Different for forest vs range and public vs. private vs. tribal lands?
- How to address equity?

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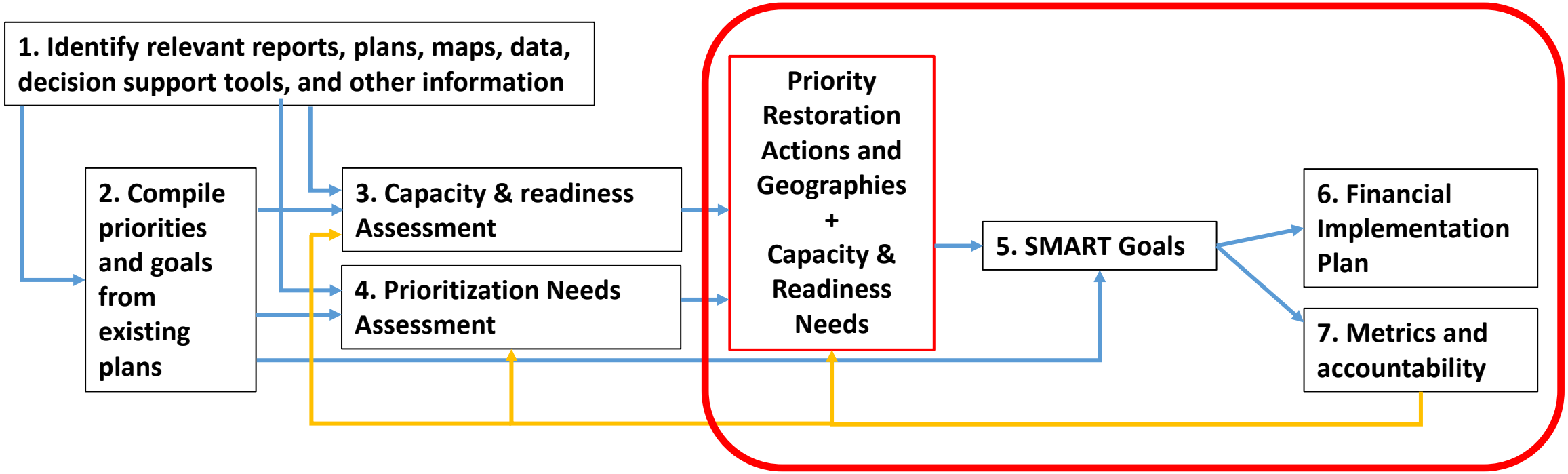

Financial Implementation Plan

1. Identify **existing** funding sources, programs, and authorities that can be directed to priority actions and geographies.
2. Identify opportunities for **new** (or expanding existing) funding programs, sources or authorities.
3. Link existing and new funding to priorities, readiness/capacity, and goals.
4. Engage with federal and state partners to integrate shared priorities and goals into funding programs and activities.

Timeline for Phase 3: January-June

Jan – Mar: Draft Report
Continue to develop and refine content

March: Present key components to Tribes, Stakeholders, SLG

April: Review initial draft report with Tribes, Stakeholders, SLG

May: Review revised report with Tribes, Stakeholders, SLG

June: Final report endorsed by SLG and released
Begin implementation

Presentations

Jan 4: ODF Board of Forestry

Jan 25: OWEB

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Thank you!

Webpage: Oregon's 20-Year Landscape Resiliency Strategy