

ASHLAND FOREST RESILIENCY STEWARDSHIP PROJECT



**Presented to: Oregon State Legislature, House Committee On Water
March 3, 2020**

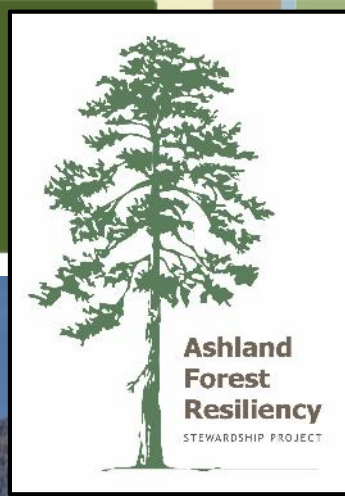
Presented By: Marko Bey, Executive Director, Lomakatsi Restoration Project





Restoring Ecosystems, Sustaining Communities

ASHLAND FOREST RESILIENCY STEWARDSHIP PROJECT (AFR)



A 10 year stewardship project to reduce the risk of severe wildfire in the watershed and to protect water quality, older forests, wildlife, people, property and quality of life.



Siskiyou Mountains Ranger District
Rogue River-Siskiyou National Forest

INTEGRATED: BY DESIGN



REEDER RESERVOIR – SOURCE OF THE CITY OF ASHLAND’S DRINKING WATER





Primary Threat for Forests: *Uncharacteristic* Fire



Siskiyou fire 2009, Ashland OR

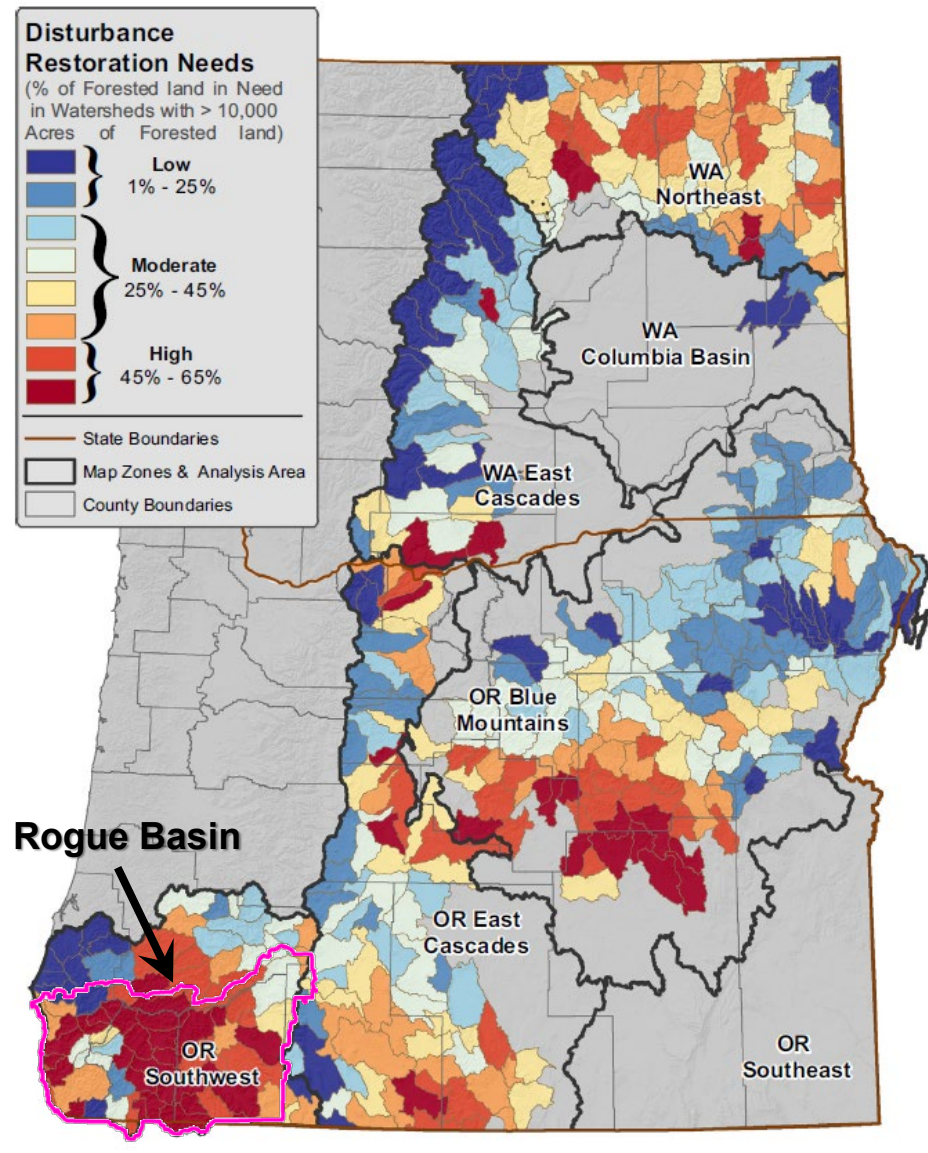
Restoration Needs in Frequent Fire Forests

A collaboration of USFS R6 and TNC



Rogue Basin Forests and Woodlands

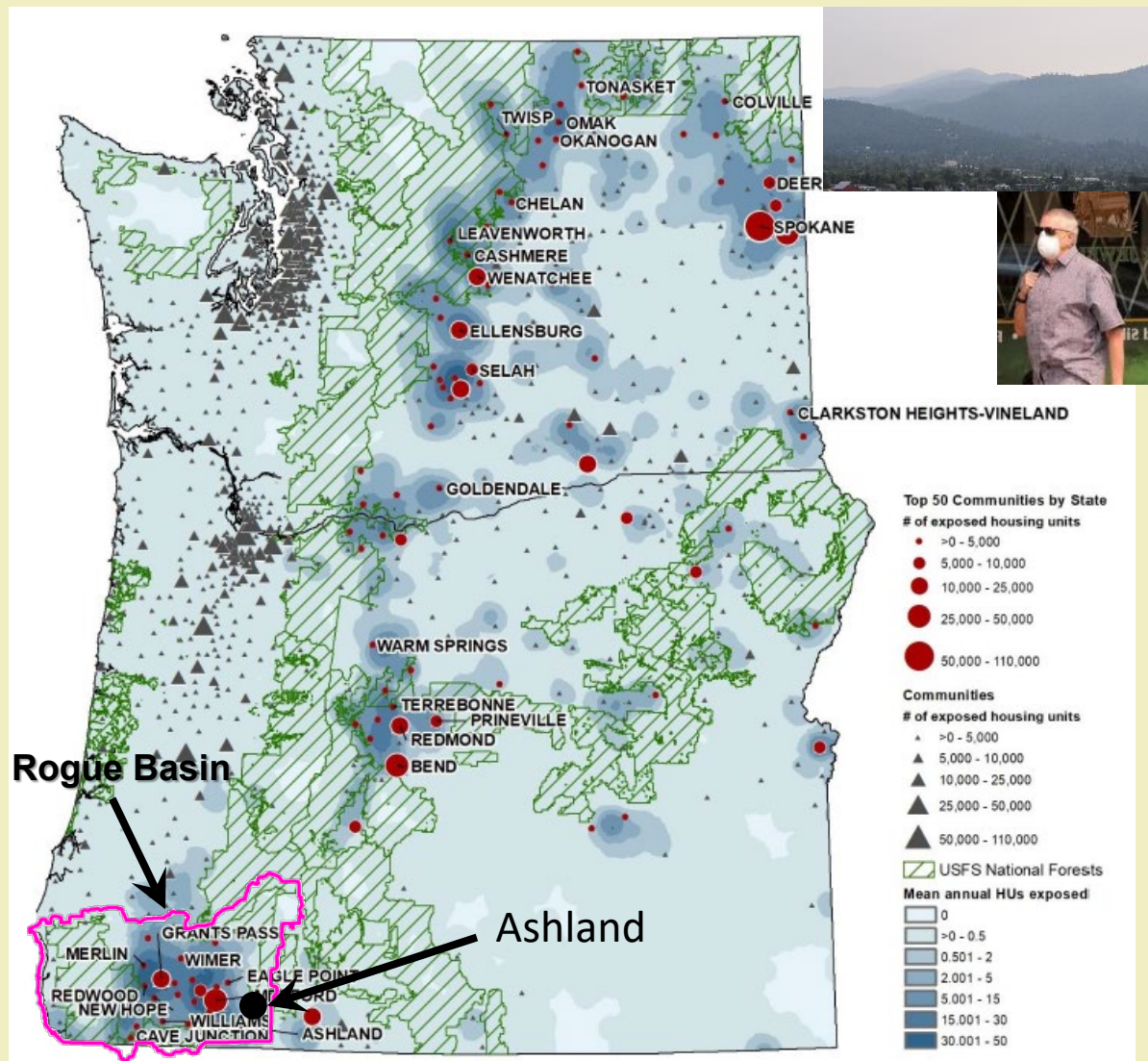
- 4.2 million acres
- 2.1 million acres are overly dense (50%)
- Annual Disturbance need over 20 years:
 - $\sim 105,000$ ac/yr



Haugo, R., C. Zanger, T. DeMeo, C. Ringo, K. Blankenship, M. Simpson, K. Mellen-McLean, A. Shlisky, J. Kertis, and M. Stern. 2015. A new approach to evaluate forest structure restoration needs across Oregon and Washington, USA. *Forest Ecology and Management* 335:37-50.

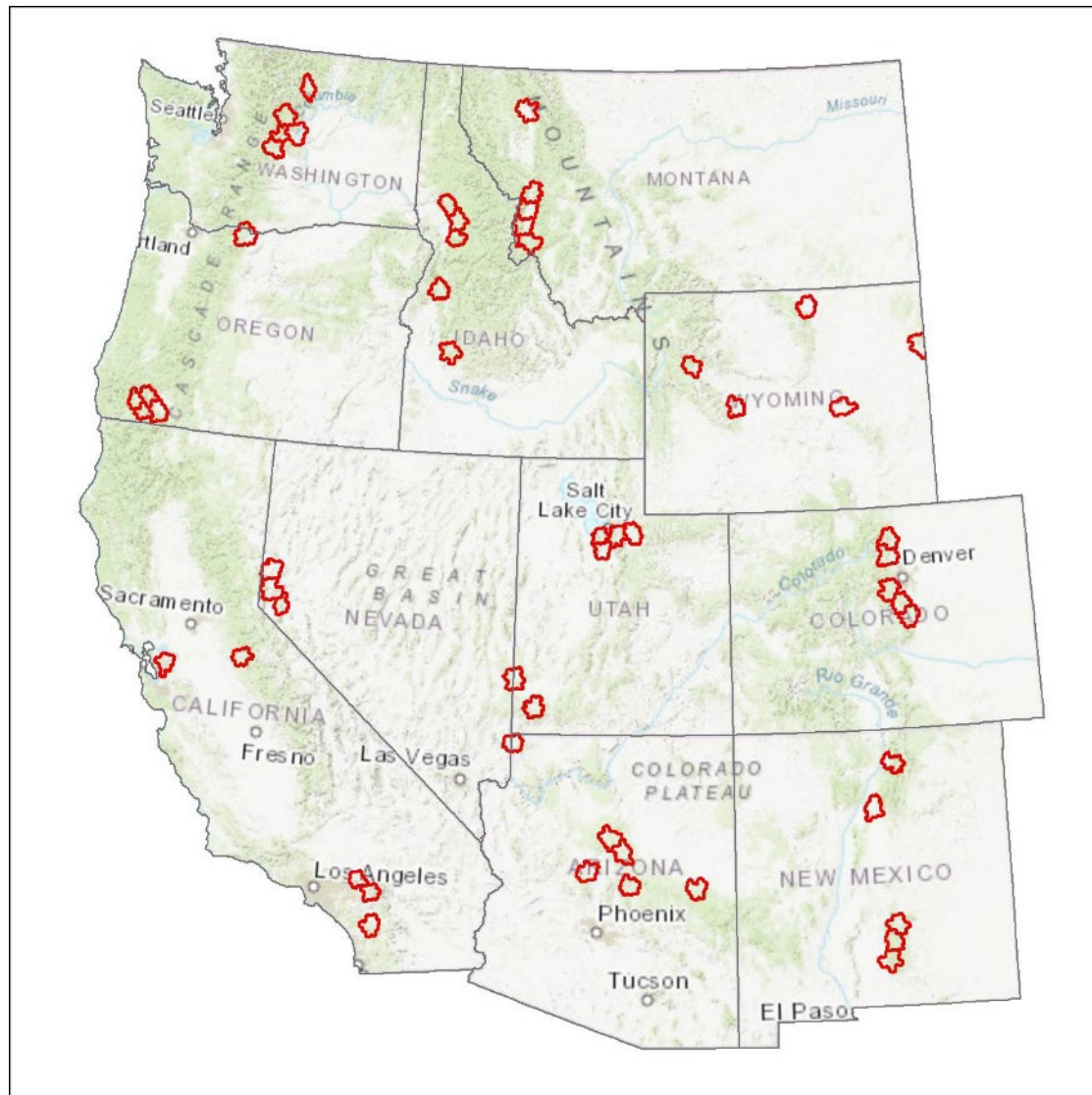
Wildfire Risk Ranking: Oregon and Washington

Community Exposure Ranking	Community	Region
1	Leavenworth	Central Washington
2	Ellensburg	Central Washington
3	Merlin	Southwestern Oregon
4	Selah	Central Washington
5	Redwood	Southwestern Oregon
6	Medford	Southwestern Oregon
7	Spokane	Eastern Washington
8	Bend	Central Oregon
9	Warm Springs	Central Oregon
10	Eagle Point	Southwestern Oregon
11	Redmond	Central Oregon
12	Grants Pass	Southwestern Oregon
13	Wenatchee	Central Washington
14	Chelan	Central Washington
15	Ashland	Southwestern Oregon
16	Goldendale	Central Washington
17	Prineville	Central Oregon
18	New Hope	Southwestern Oregon
19	Tonasket	Central Washington
20	Cashmere	Central Washington
21	Omak	Central Washington
22	Terrebonne	Central Oregon



Priority firesheds by state – Top 5

- Firesheds where community exposure can be treated with mechanical forest management



ASHLAND FOREST RESILIENCY STEWARDSHIP AGREEMENT



Ashland Forest All-lands Restoration



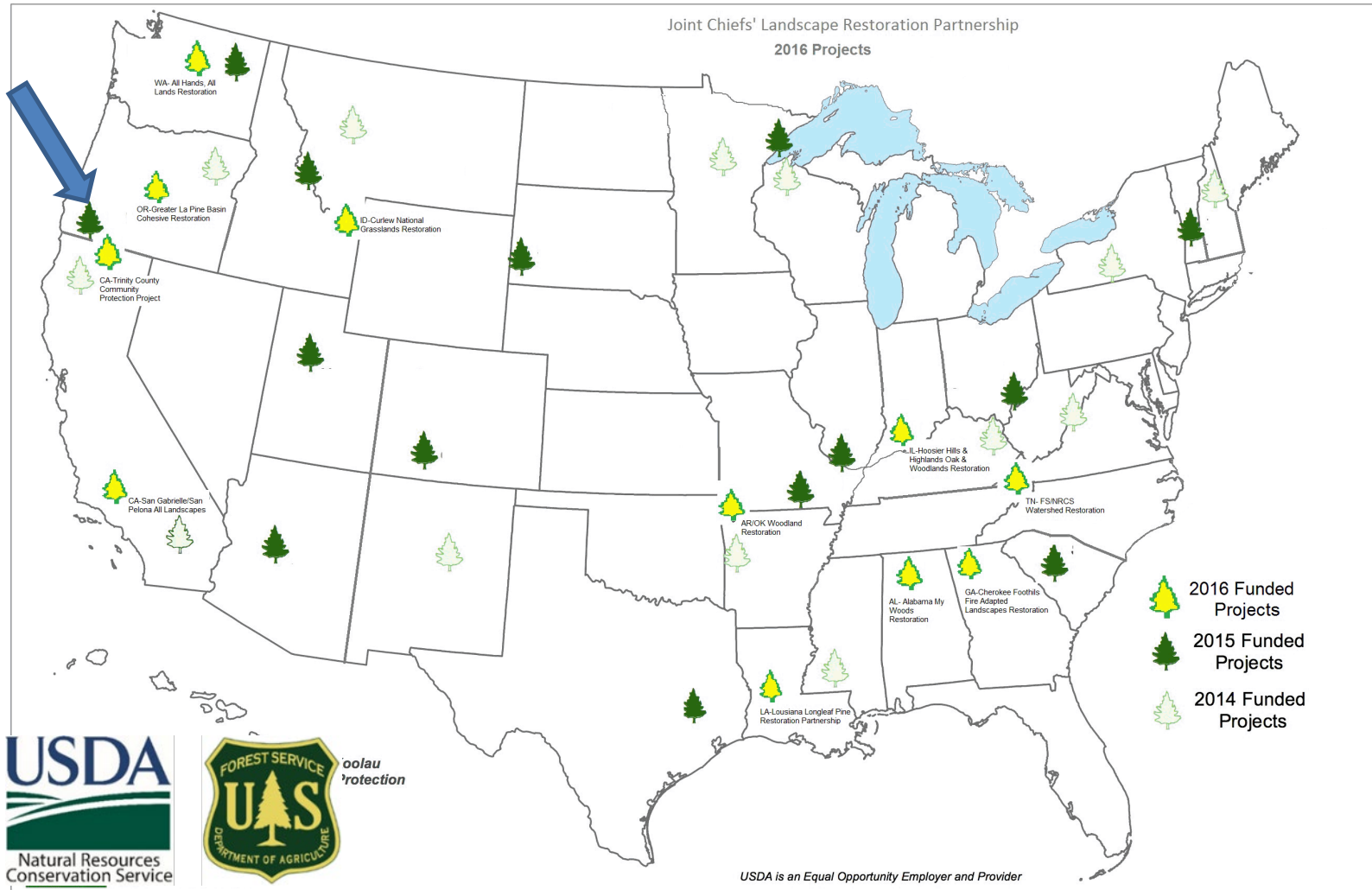
➤ **52,000 acres**

➤ **14,500 acres treated**

➤ **28% of landscape**

Joint Chiefs' Landscape Restoration Partnership Program

“Improve health and resiliency of forest ecosystems where public and private lands meet.”

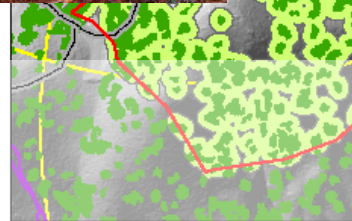
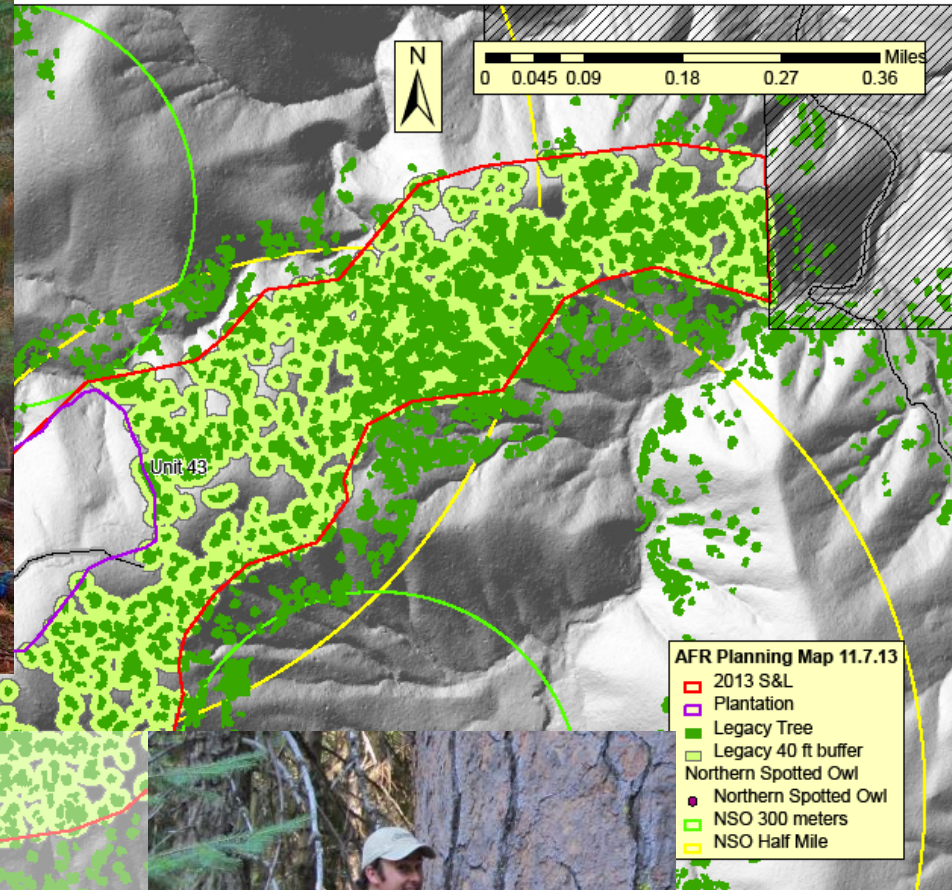


ASHLAND FOREST ALL-LANDS RESTORATION INITIATIVE (AFARI)

A collaborative approach to implementing dry forest restoration and wildfire fuels reduction treatments through a cross boundary, all-lands approach on federal and private non-industrial lands in and around the Ashland Creek watershed.



THINNING AROUND LARGE OLD TREES



- **Indicators**

- cut-tree size distribution
- legacy tree patch identification
- legacy tree vigor response and retention

AFR /AFAR – WINTER 2020



Fuels treatments completed on over 12,000 acres



AFR /AFAR – WINTER 2020

2,300 acres Helicopter Thinning



14 million board feet of timber trucked to local mills



550 acres Ground-Based Thinning



AFR /AFAR – WINTER 2020

\$6 Million in sale of by-product logs recovered and reinvested back into the project.



PRIVATE LAND TREATMENTS



Before



After

PRIVATE LAND TREATMENTS (CONT.)



Before



After

Ashland Creek Research Natural Area



December 2009

Climate Adaptation

More Restoration

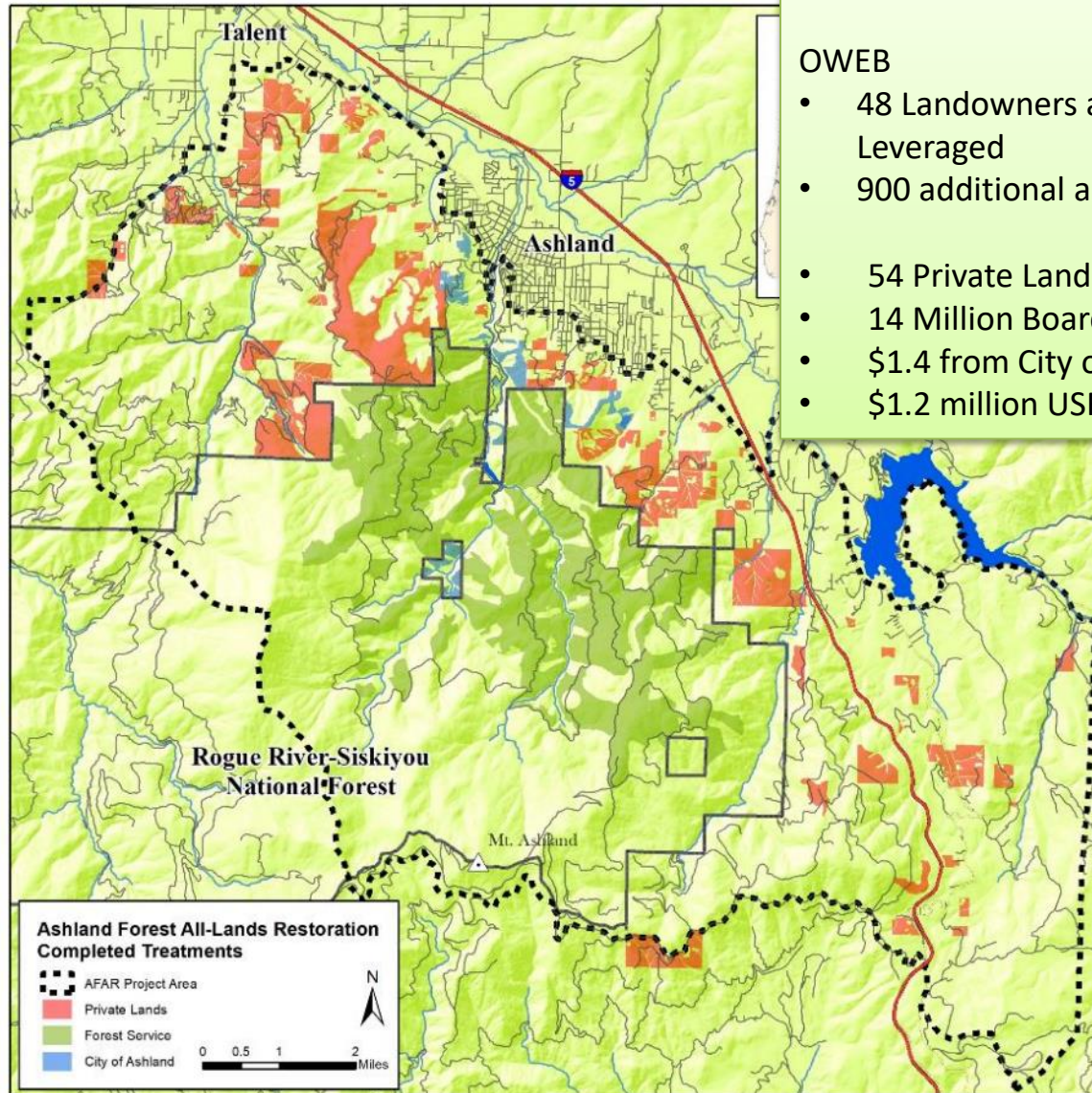


June 2016

Photos: Don Boucher (USFS)

ASHLAND FOREST ALL-LANDS INITIATIVE

MARCH 2020



Accomplishments

OWEB

- 48 Landowners and 2,723 acres for OWEB Biennium I, II and III Leveraged
- 900 additional acres treated on USFS Lands

- 54 Private Landowners and 3,100 acres complete for NRCS
- 14 Million Board Feet of by-product logs
- \$1.4 from City of Ashland water surcharge
- \$1.2 million USFS State and Private funding



REINTRODUCING FIRE TO FIRE DEPENDENT ECOSYSTEMS

FIRE FOR WATER



CARRYING THE TORCH



COMMUNITY ENGAGEMENT



- Over 75 events and tours
- AFR website, Facebook page
- Local media
- Interpretive signs



OUTREACH FOR SMOKE AND HEALTH

When there's
**SMOKE
OUTSIDE**
do you know
what to do?

Forest Restoration



Please Excuse Our Noise & Smoke

FOREST RESTORATION

Over a century of fire suppression has left forests and oak woodlands dense, at risk of severe wildfire and, prone to disease. Thinning young trees and brush reduces wildfire danger, enhances diverse habitat, protects clean waters, and promotes large, old trees.



**Ashland
Forest
Resiliency**
STEWARDSHIP PROJECT



ashlandwatershed.org

FIND US  

Receive AFR Alerts

OnLine

On Facebook:
AFR.project

On Twitter:
@ashlandforest

Web Updates:
[ashland.or.us/
trailinfo](http://ashland.or.us/trailinfo)



Emails

Subscribe to
emails on the AFR
website

ashlandwatershed.org

Or subscribe directly:
afpartners@ashland.or.us



Text Alerts

To receive text
alerts to your
phone

Text
WATERSHED
to 31279



Phone

Call the City of
Ashland Smoke &
Wildfire Hotline

(541) 552-2490



Smoke Sensitive?

Find health recommendations at
ashland.or.us/smoke

Citizen Alert System

Visit ashland.or.us/alert to get
text, email, or phone calls about
evacuations and all emergency
situations that may affect our
community.

Consejos rápidos

Manténgase hidratado: Beba mucha agua.

Permanezca en ambientes cerrados: Reduzca el tiempo que pasa afuera y evite hacer ejercicios intensos al aire libre.

Cierre ventanas y puertas: Use un purificador de aire con un filtro HEPA o un aire acondicionado en modo de recirculación con un filtro MERV 13.

Escuche a su cuerpo: Si experimenta síntomas de salud o al 911.

Si debe salir: El uso de una máscara aprobada por el NIOSH colocada correctamente puede ofrecer cierta protección.

RECURSOS ADICIONALES:

Control de la calidad del aire:
www.deq.state.or.us/aqi

Aplicación de detección de humo de la EPA

(EPA Smoke Sense):

Agregue la aplicación para Android e iOS

Página de humo y salud:
smokewiseashland.org

Este folleto fue desarrollado en colaboración
con las siguientes organizaciones:



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COMMUNITY AND LANDOWNER ENGAGEMENT



- Tours and presentations
- Volunteer & education events
- Local media
- Neighbors reaching neighbors
- Over 100 property owners enrolled

LANDOWNER OUTREACH

Contact
Lomakatsi Restoration Project
541-488-0208
info@lomakatsi.org
www.lomakatsi.org

Lomakatsi is a 501c3 non-profit organization dedicated to restoring ecosystems and the sustainability of communities, cultures and economies.



Lomakatsi stock photo



Ashland Forest All-Lands Restoration



The Nature Conservancy
Protecting nature. Preserving life.



Caring for Your Land In the Face of Wildfire

A Solution for
Landowners

MULTI-PARTY MONITORING



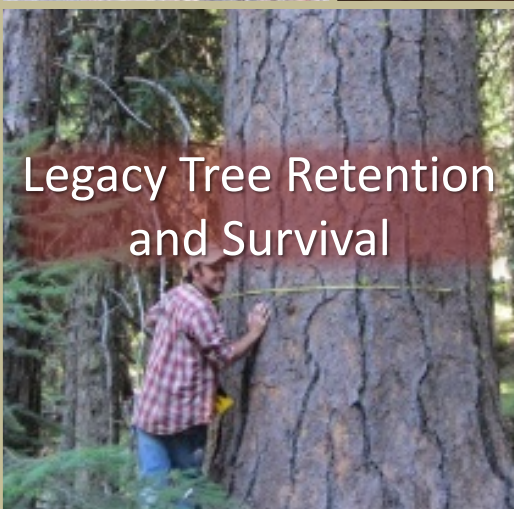
Fire Histories



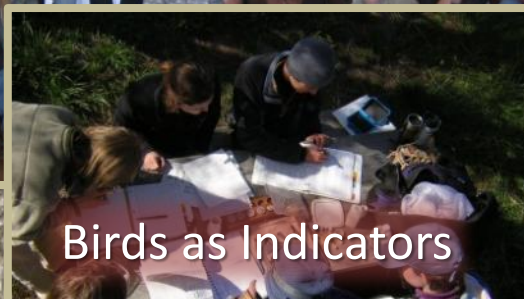
Stakeholder Driven Plan



Water Quality and Aquatic Habitat



Legacy Tree Retention and Survival



Birds as Indicators



Late-Successional Wildlife Habitat



Soils



Herbaceous Recovery

WORKFORCE TRAINING AND JOBS



Regional Workforce

- 17 FTE
- 200 personnel employed
- 15 contractors hired
- \$25 million infused into communities



AFR / AFAR: CREATING JOBS

Maintaining & Incubating Forestry Businesses

Lomakatsi Workforce

Klamath Tribal Workforce

High Sierra Enterprises

RB Brown Trucking

Small Woodland Services

Forest Energy Group



High Country Timber

JD Forestry

Hilltop Logging



Grayback Forestry

Youth Employment Programs

Columbia Helicopters

AFR STUDENT ENGAGEMENT



Over 4,500 youth received instruction in 7,800 hours of classroom and field sessions



A REPLICABLE MODEL



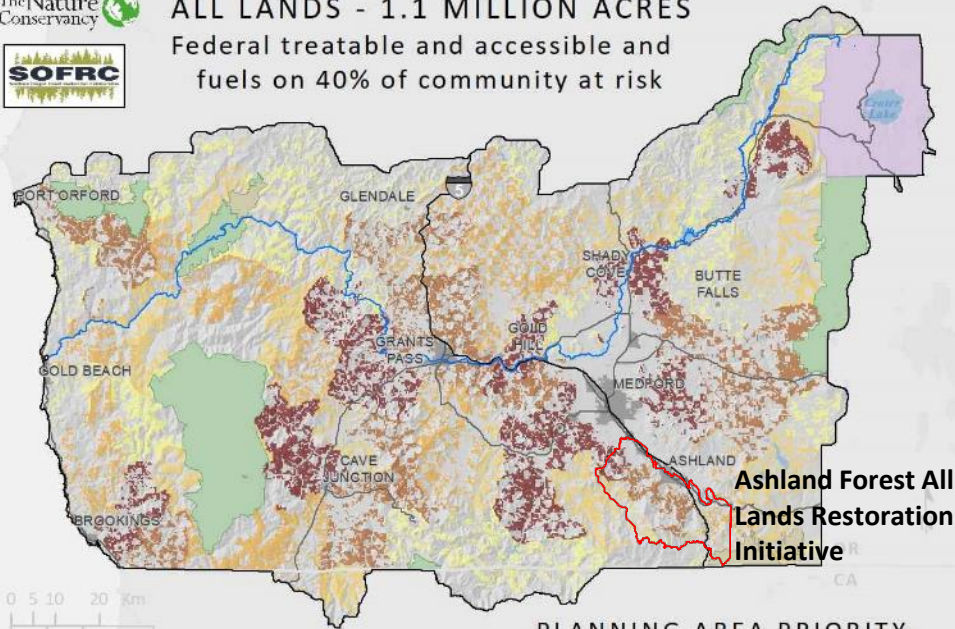
Wildland Fire Leadership Council Visit, July 28, 2015



Launching the Rogue Forest Restoration Initiative



ALL LANDS - 1.1 MILLION ACRES
Federal treatable and accessible and fuels on 40% of community at risk



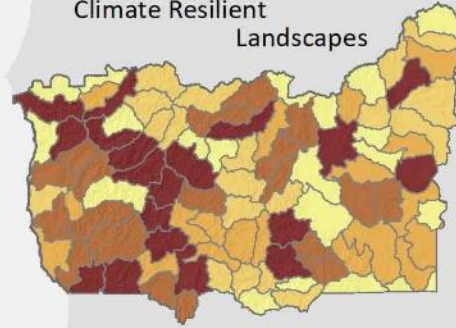
Ashland Forest All Lands Restoration Initiative

0 5 10 20 Km
0 5 10 20 MI

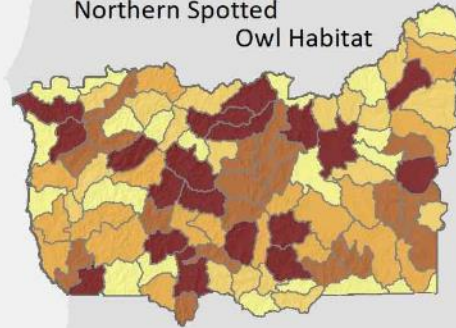
Wilderness National Park

PLANNING AREA PRIORITY
Low High
Quantiles

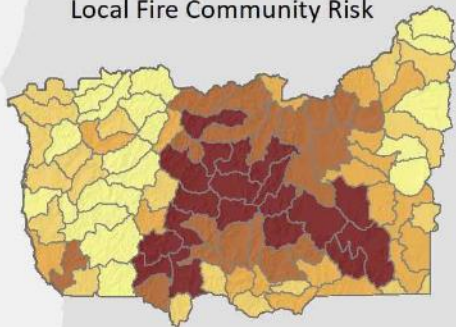
Climate Resilient Landscapes



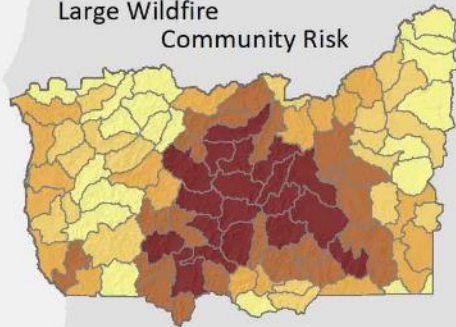
Northern Spotted Owl Habitat



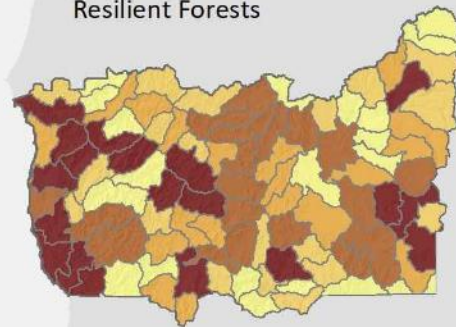
Local Fire Community Risk



Large Wildfire Community Risk



Resilient Forests



All Hands - All Lands Questions?

