



Biomass Breakdown Facility

Project Description: \$1,100,000 to develop a chipping facility/sort yard near John Day to handle non-saw biomass from the ten-year stewardship contract on the Malheur National Forest.

Use of Funds

- Acquire property for the facility
- Develop property for log decks, chipping sorting, and related sorting and/or utilization activities for various markets
- Acquire equipment (chipper, loader, trucks, and vans)
- Increase acres of forestland treated
- Increase Federal Forest productivity
- Improve wildlife habitat
- Increase quantity of moisture reaching the ground and therefore increasing basin-wide water retention

Leverage Other Funds

- Private financing of \$3,000,000
- Additional match from in-kind work and company contributions

Social, environmental, economic benefits:

Economic Benefit:

- Create jobs in local eastern Oregon communities
- Increase of number of loads per day which can be removed from the restoration project areas, improving the economic viability of each project
- Increase the direct economic benefit to the local communities by conducting the primary chipping and sorting in the John Day valley: Value of the biomass will increase from \$15-35/green ton as it is sold now to \$120-\$150/bone-dry ton after processing

Environmental Benefit:

- Restore overall ecological health in the forest and reduce the forest's susceptibility to catastrophic wildfire by reducing large quantities of overgrown biomass (both saw and non-saw)

Social Benefit:

- The landscape scale treatment of forest projects provides the social license to continue the active management practices required to provide ecological and economic benefits related to our forests
- The jobs created and increased economic activity will result in the reduction of drug/alcohol abuse and domestic violence, and help fund healthier schools

Anticipated direct and indirect job creation:

- A total of between 116 and 126 jobs will be saved or created within the defined region as a result of this facility:
 - 20 initial jobs and up to 30 total jobs will be created through the primary manufacturing and transportation component
 - 72 jobs in the Forest Support industries will be retained or created
 - 24 jobs in the forest management component will be retained or created