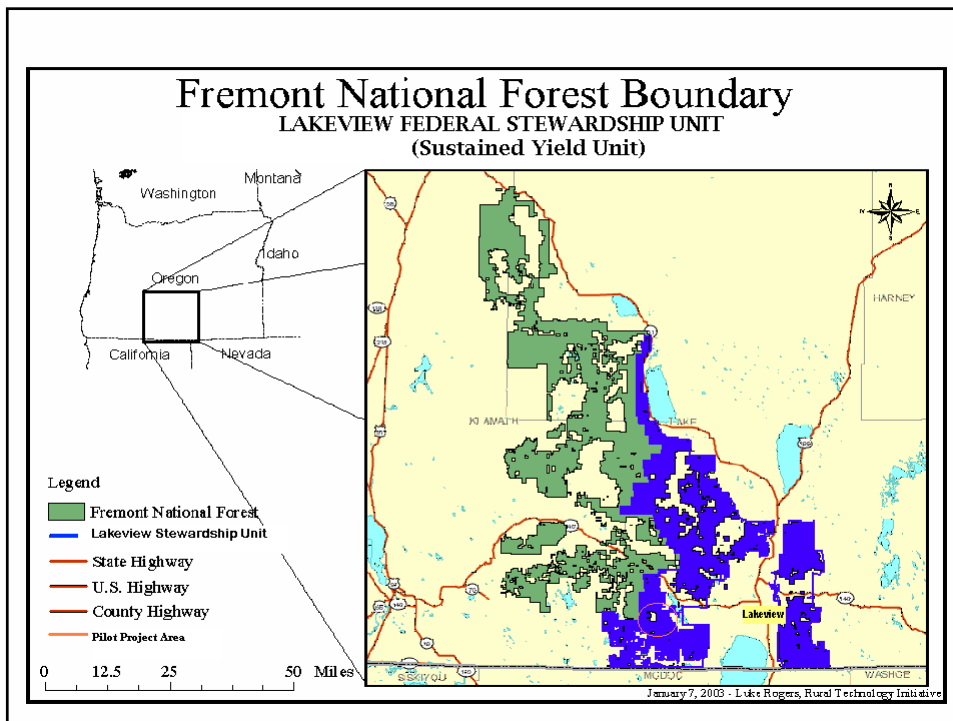



WESTCARB Annual Business Meeting

Hazardous Fuel Reduction on Federal and Private Lands and Prospects for a Biomass Power Plant in Lake County, OR

Prepared by Jim Walls & Clair Thomas, LCRI

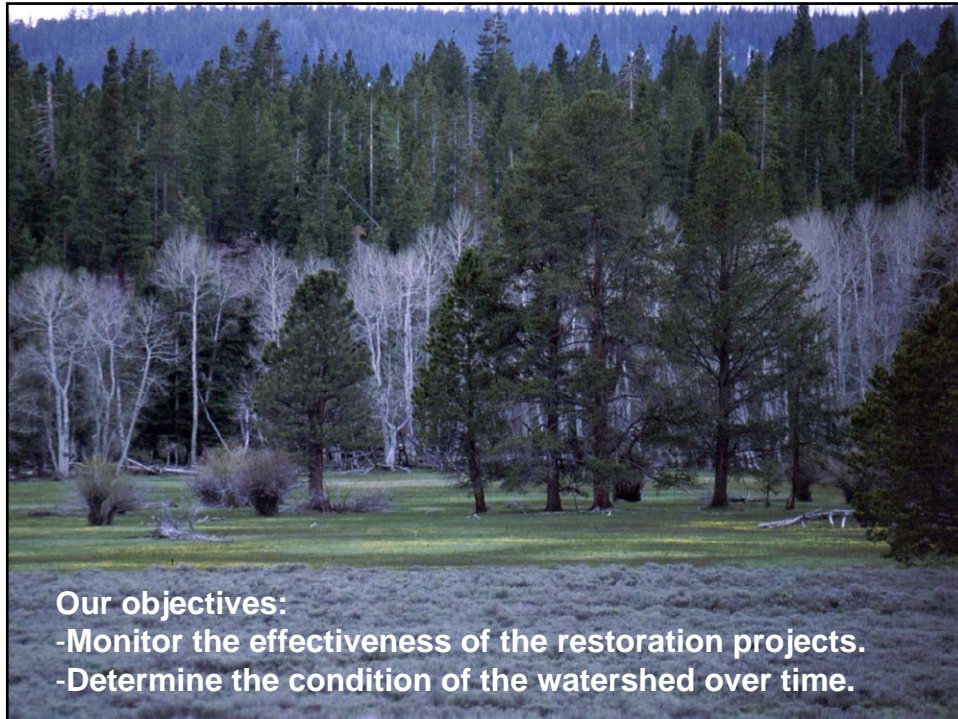
Scottsdale, AZ
September 15-17, 2009



WESTCARB – Lakeview Project

- Coordinate fuel treatments on Forest Service and Collins Companies Forestlands
- LCRI Monitoring Crew collect data on treatments and previous fires
- Liaison with Forest Service, environmental groups and industry
- Economic analysis of fuel transport for biomass
- Long-term MOU for sustainable supply





Biomass Plant



<http://www.lcri.org>

LAKEVIEW
Stewardship Group

Lakeview Stewardship Group



20-year Supply MOU Signing





Long-Range Strategy for the Lakeview Federal Stewardship Unit (LFSU)

Water Fish and Wildlife, Wilderness and
Roadless Areas Recreation Community
Benefits Forest Restoration



New \$6.8 Million Small Diameter Sawmill



Small Diameter Mill Ribbon Cutting



Forests sequester carbon in several ways

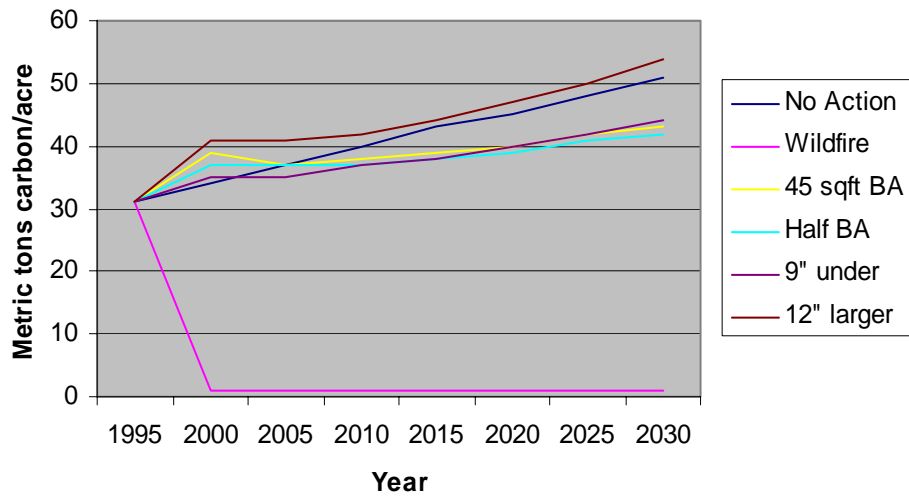


Rural
Technology
Initiative
**Standing
forest**
1

**Forest
products**
2

**Fossil fuel
conservation**
3

Landscape Management System (LMS)



Market and Non-Market Values of Fire Risk Reduction/acre	Moderate	High
<i>Reduced fire fighting cost</i>	\$231	\$481
<i>The value of reduced facilities losses</i>	\$72	\$150
<i>The value of reduced fatalities</i>	\$4	\$8
<i>The value of lost timber amenities</i>	\$371	\$772
<i>Habitat losses</i>	?	?
<i>The community value of fire risk reduction</i>	\$63	\$63
<i>Carbon credits</i>	\$20	\$41
<i>Green energy credits</i>	?	?
<i>Electrical transmission cost reductions</i>	?	?
<i>Regeneration and rehabilitation costs</i>	\$58	\$120
<i>Water quantity and quality</i>	\$86	\$86
<i>Regional economic benefits</i>	\$386	\$386
Total Benefits	\$1,291	\$2,107

Benefits

VS

Costs of Fire Risk Reduction/acre	Moderate	High
<i>Operational costs</i>	\$374	\$374
<i>Forest Service contract preparation costs</i>	\$206	\$206
<i>Soil compaction</i>	?	?
<i>Sedimentation</i>	?	?
<i>Impacts to wildlife habitats</i>	?	?
Total Costs	\$580	\$580

Costs

Accomplishments

- **Environmental agreement on forest treatments**
- **20-year MOU**
- **10-year Stewardship Contract**
- **\$46.8 million investment in tools that will restore forest health**
- **Carbon modeling of forest conditions, fossil fuel conservation, product substitution**