Presentation Overview

• Part 1: Ecological Forestry
  • What is it?
  • What does it mean for land trusts?
  • Examples of restoring young stands

• Part 2: Forest Stewardship Council® (FSC®)
  • What is it?
  • What does it mean for land trusts?
Ecological Forestry

• Careful forest stewardship that provides a sustainable supply of timber and other ecosystem services while also restoring ecosystem functions and connectivity across the forested landscape.
Ecological Forestry

• Resilience through diversity:
  • Structural diversity
  • Species diversity
  • Age-class diversity
  • Genetic diversity
Ecological Forestry

• What Ecological Forestry means for land trusts:
  • Achieve your restoration and stewardship objectives with active forest management
  • Generate revenue to reinvest in your mission
  • Implement adaptive management in a time of global warming
Family Forest Owner
Family Forest Owner
Family Forest Owner
Family Forest Owner
Results

• Year: 2012
• Size: 17 acres
• Net to landowner: $450 per acre
• Thinning strategy: 30% BA, 50% stems
• Ecological benefits: reintroduction of structural, species, and age-class diversity
Public Forest Land
Public Forest Land
Public Forest Land
Public Forest Land
Public Forest Land
Results

- Year: 2013
- Size: 34 acres
- Net to landowner (forecast): $~220 per acre
- Thinning strategy: heavy thin with openings
- Ecological benefits: Wildlife habitat improvements, greater complexity and diversity
Family Forest Owner
Results

• Year: 2013
• Size: 17 acres
• Net to landowner: $650 per acre
• Thinning strategy: 30% BA, 50% stems
• Ecological benefits: reintroduction of structural, species, and age-class diversity
Results

- Year: 2014
- Size: 15 acres
- Net to landowner: $1K per acre
- Thinning strategy: reduce stand density by salvaging broken, defective or suppressed trees
- Ecological benefits: accelerate trajectory toward old-growth conditions
Forest Stewardship Council® (FSC®)

• A global, not-for-profit organization dedicated to the promotion of responsible forest management worldwide.
Global FSC certified forest area: by region

North America
38.65% of total certified areas
(70,761,471 ha)
248 certificates

Europe
44.70% of total certified areas
(81,844,151 ha)
536 certificates

South America & Caribbean
6.96% of total certified areas
(12,745,115 ha)
246 certificates

Africa
3.10% of total certified areas
(5,672,979 ha)
45 certificates

Oceania
1.41% of total certified areas
(2,582,594 ha)
39 certificates

Asia
5.19% of total certified areas
(9,496,830 ha)
189 certificates

Total certified area: 183,103,140 ha
No. countries: 79
Total no. certificates: 1303

Percentage of total FSC certified forest area
- 75 % and above
- 50 % - 74 %
- 40 % - 49 %
- 30 % - 39 %
- 20 % - 29 %
- 10 % - 19 %
- 1 % - 9 %
- 0.01 % - 1 %
- No FSC certified forest
- No FSC certified forest in countries with limited forest areas
  (less than 2000 ha production forest area)

EXPLANATION
Country name
Hectare certified forest
( = % of total forest cover / % of production forest cover)
% increase or decrease since August 2012

Based on numbers from FSC International and FAO Forestry Paper
February 2013
FSC Group Certification

- **Group Entity/Program**
  - Delivers Member services
  - Monitors Member compliance
  - Contracts for certification audits

- **Forest Stewardship Council-US**
  - Maintains standards

- **Third-party Certification Body (Auditor)**
  - Reviews group and member conformance, prepares reports, issues certificates

- **Group Members (Landowners)**
  - Voluntary participation
  - Complies with standards

- **Foresters, Loggers, and Other Resource Professionals**
  - Write and/or implement plans
FSC Group Certification

Two types of landowners within our group certificate
• Small: a Forest Management Unit of 1,000 hectares (2,470 acres) or less
• Low Intensity:
  • a) the rate of harvesting is less than 20% of the mean annual increment (MAI), AND
  • b) annual harvest is less than 5000 cubic meters (2.1 million board feet)
Land Trusts with Forests certified via NNRG

- Great Peninsula Conservancy
- Hoh River Trust
- Jefferson Land Trust
- Nisqually Land Trust
- San Juan County Land Bank
- The Nature Conservancy
  - Oregon
  - Washington
What does FSC mean for land trusts?

• Principles to guide your forest management
• Social license to practice forestry
• Market access
Thank you!

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