



Oregon State Land Board

Carbon Financing Opportunities

Feb 8, 2010



State of Carbon Markets (2008)

Table 1: Volume and value of forest carbon market

Markets	Volume (MtCO ₂)		Value (million US\$)	
	Historical Total	2008	Historical Total	2008
Voluntary OTC	15.3	3.7	129.7	31.5
CCX	2.6	1.3	7.9	5.3
Total Voluntary Markets	17.9	5.0	137.6	36.8
New South Wales	1.8	0.2		
CDM A/R	0.5	0.1	2.9	0.3
NZ ETS	0.1		0.7	
Kyoto (AAU)	0.6		8.0	
Total Regulated Markets	2.9	0.2	11.6	0.3
Total Global Markets	20.8	5.3	149.2	37.1

Global Market: \$126.3B

Voluntary/OTC: \$397M

Forest Carbon: \$37M

Binding international caps on GHGs drove carbon market growth since 2005

World Bank, State and Trends of the Carbon Market, May 2009

Ecosystem Marketplace, State of the Forest Carbon Markets, Jan 2010



Oregon Early Experiences



- The Climate Trust funded 3 forestry projects since 2001
- Standards now exist for forest and land-use projects
 - Reforestation, improved forest mgmt, avoided conversion
 - Climate Action Reserve allows projects on state land

Lessons Learned:

- Small projects have high verification costs
- Current carbon price provides incremental benefit



Future Opportunities for Oregon



- Develop first carbon project on state lands
- Expand on Oregon's clean energy economy
 - Forestry and other land-use
 - Biodigesters on dairy farms
 - Increase state incentive programs
- Create new innovations
 - Soil carbon, nutrient mgmt, bundling

Take Away:

Oregon gains socio-economic benefits

