

What if “balance” is
not achieved?
Preservation in one
place exports
resource utilization
to others



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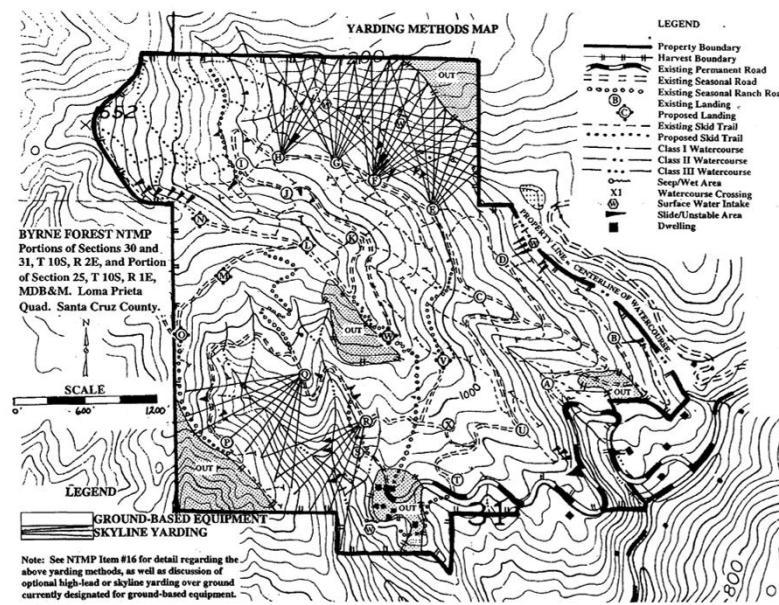


Generating More Value from Our Forests

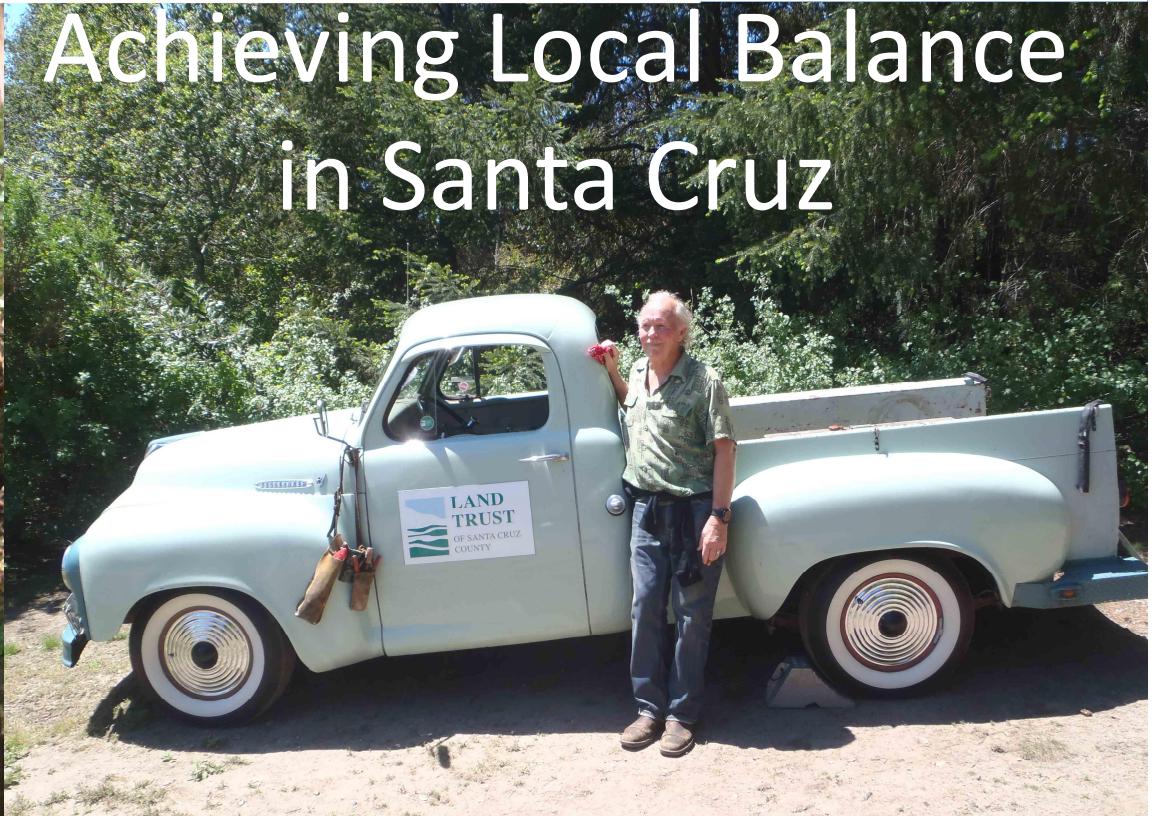
**A Vision and Action Plan
for Further Manufacturing**

Wood First Act
of 2009





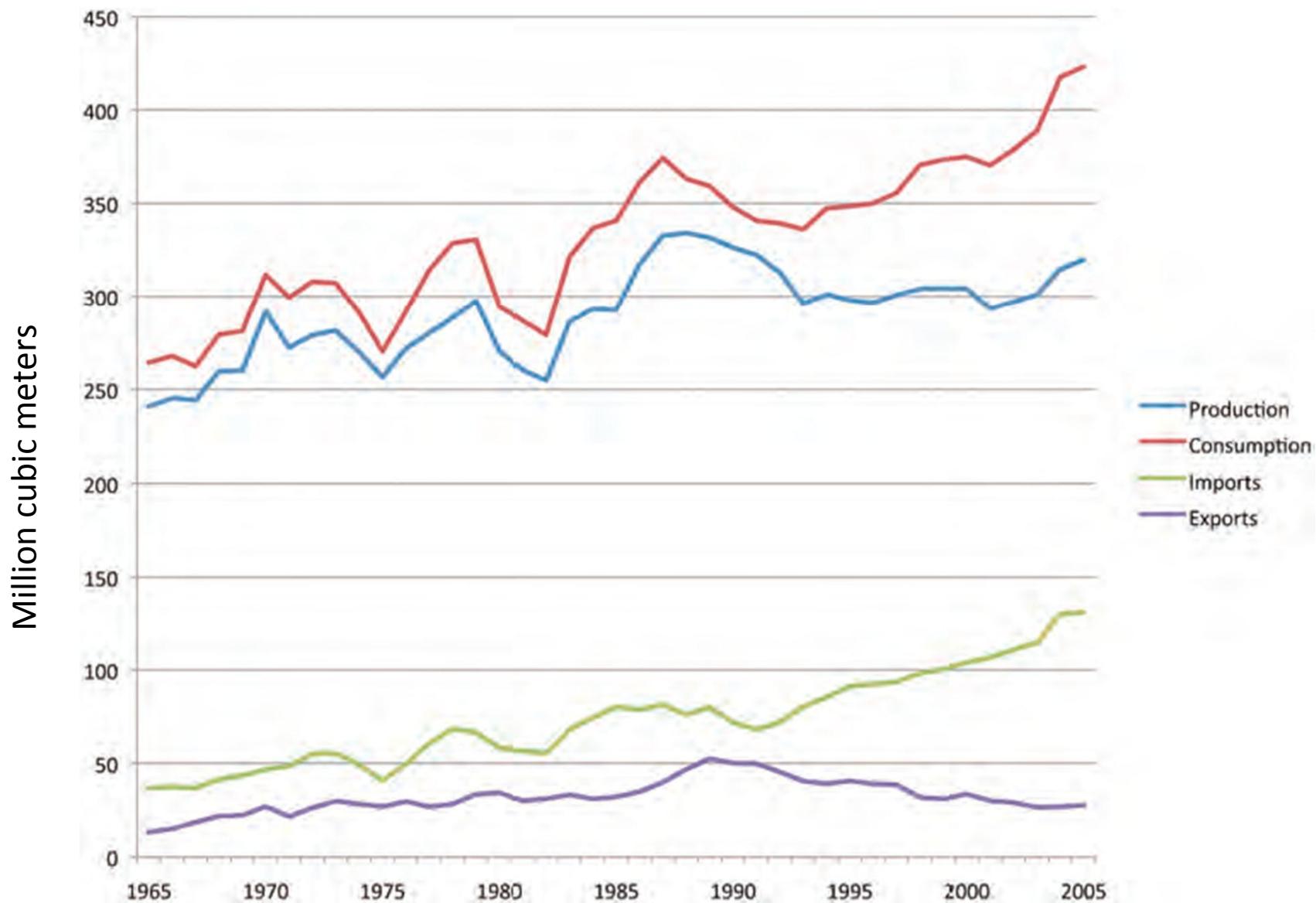
Achieving Local Balance in Santa Cruz



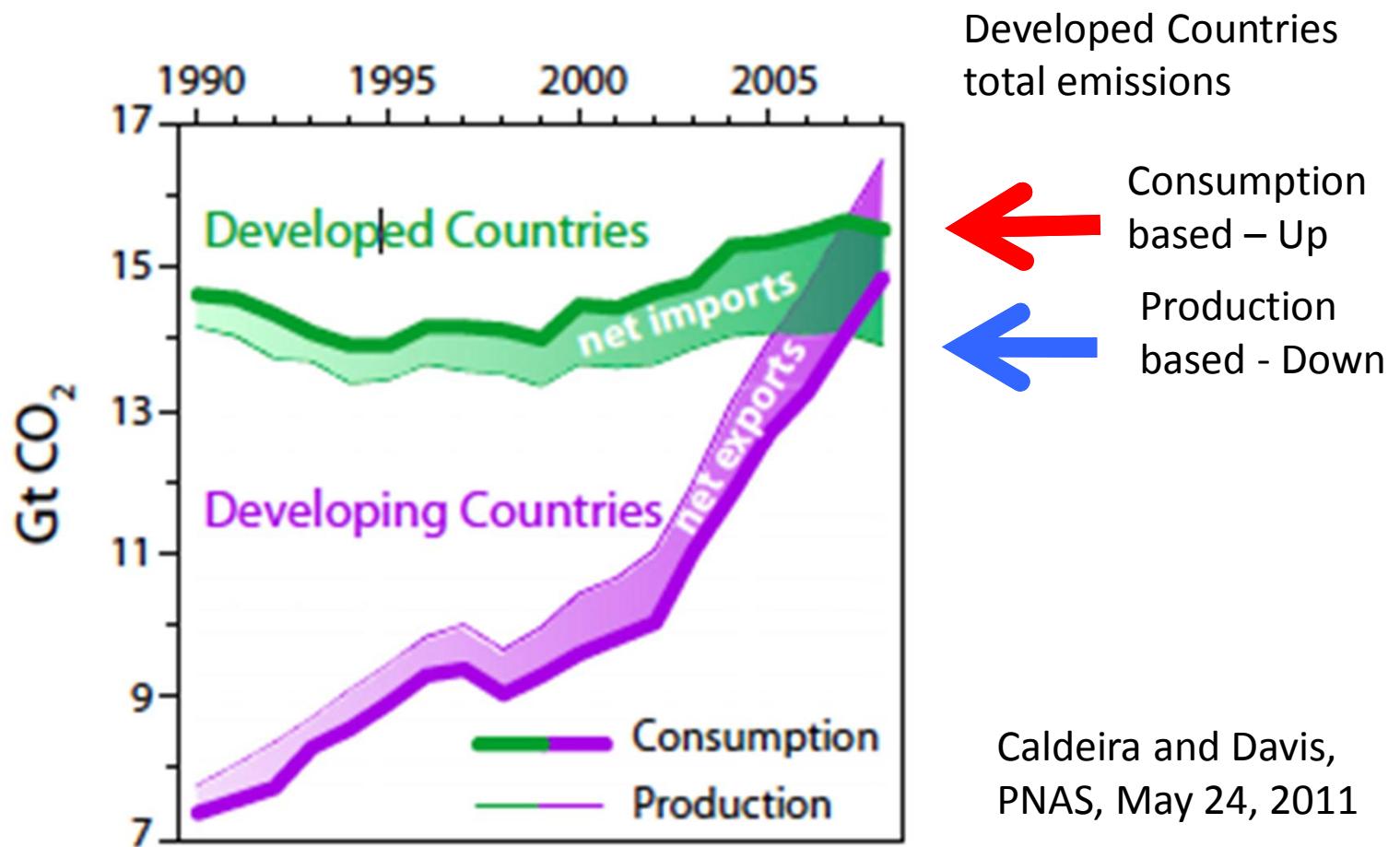
Canadian foresters asking us “Why grow such big trees?”



What are the regional implications? IMPORTS

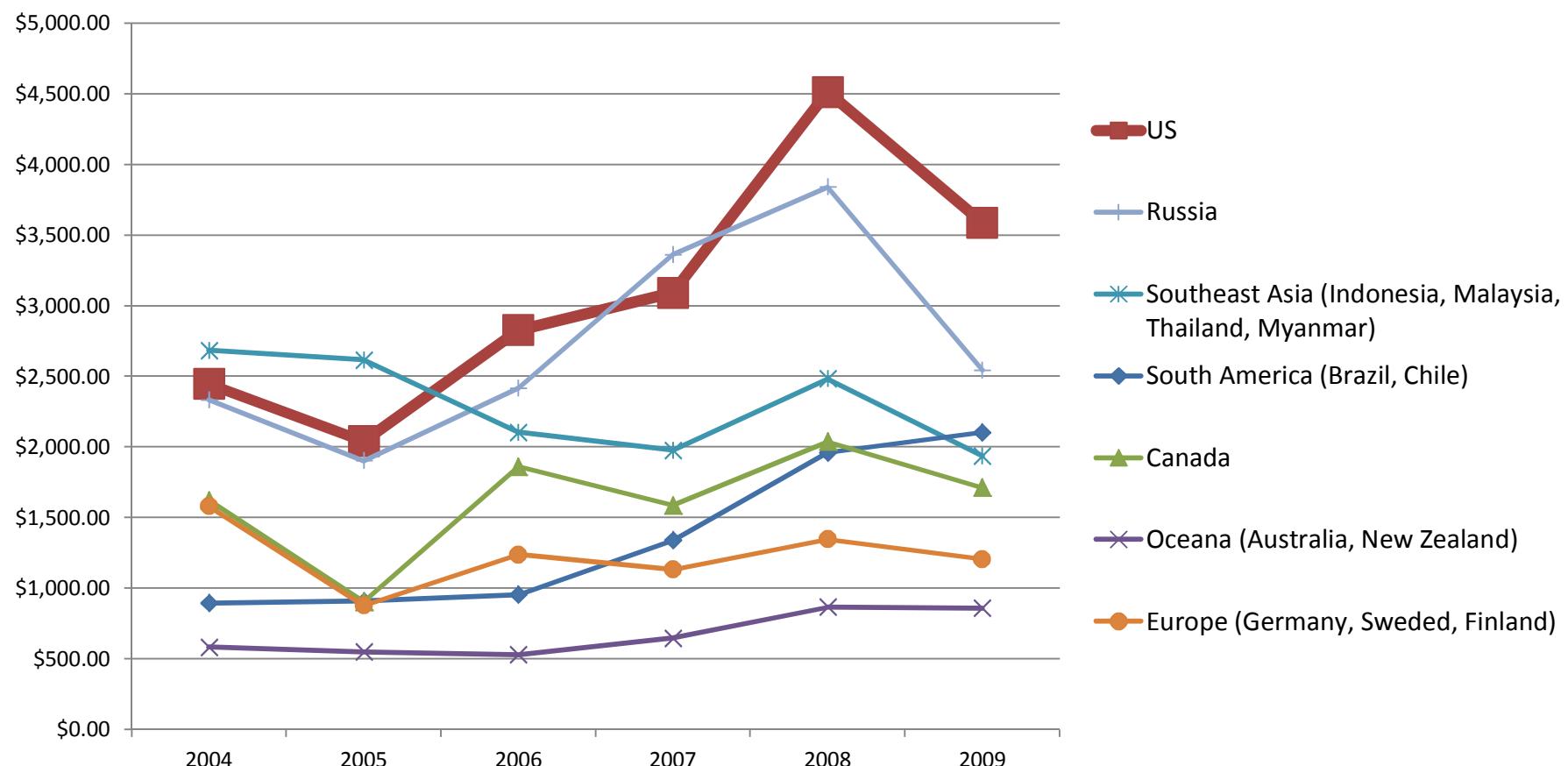


Demand for products and energy from Asia will be met somehow – non-renewable/renewable, high GHG/low GHG, hi biodiversity/low biodiversity

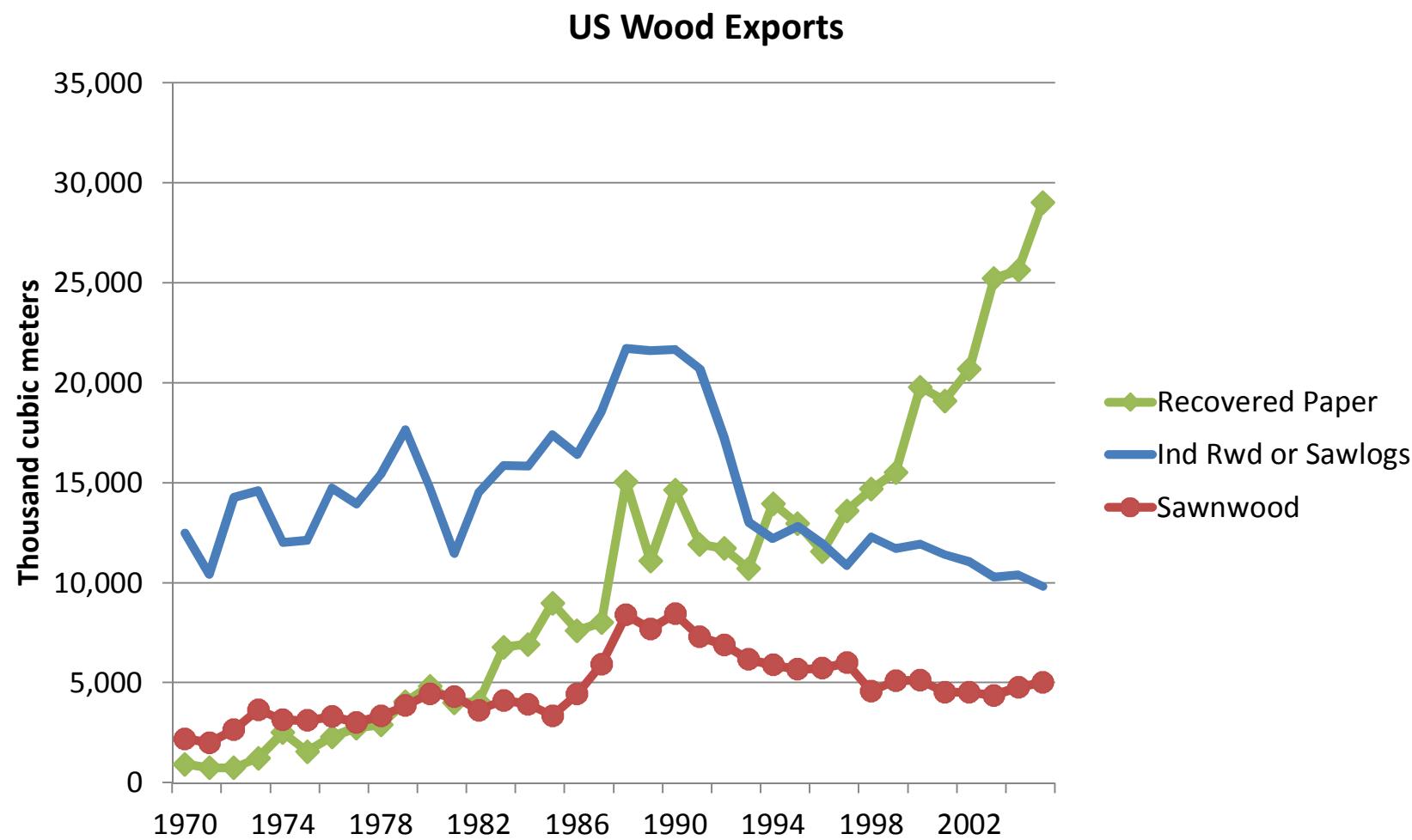


China wood trade with the US is greater than with their neighbors

Total Value of Wood Product Imports into China in \$ millions (FAOSTAT, accessed 12/7/2011)

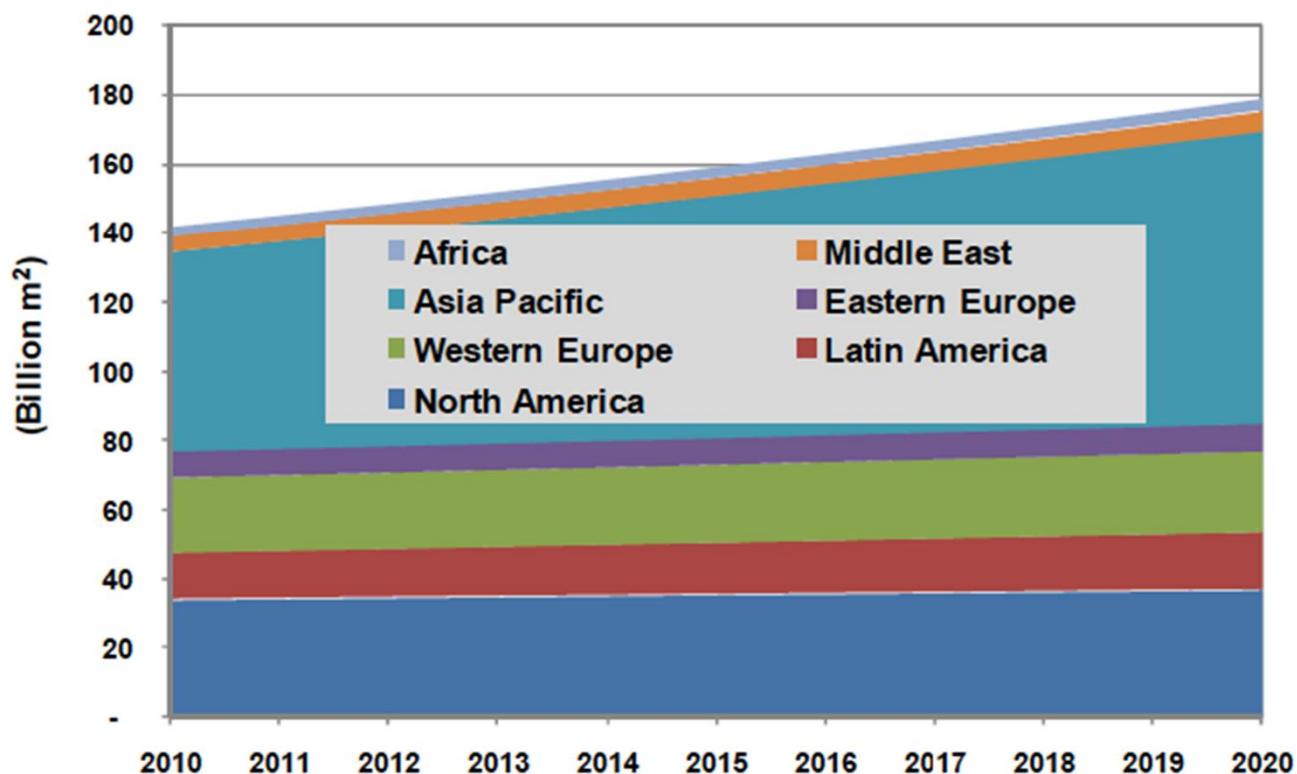


The US already specializes in low value wood fiber exports



85% of new square footage (or meters²) will be in Asia

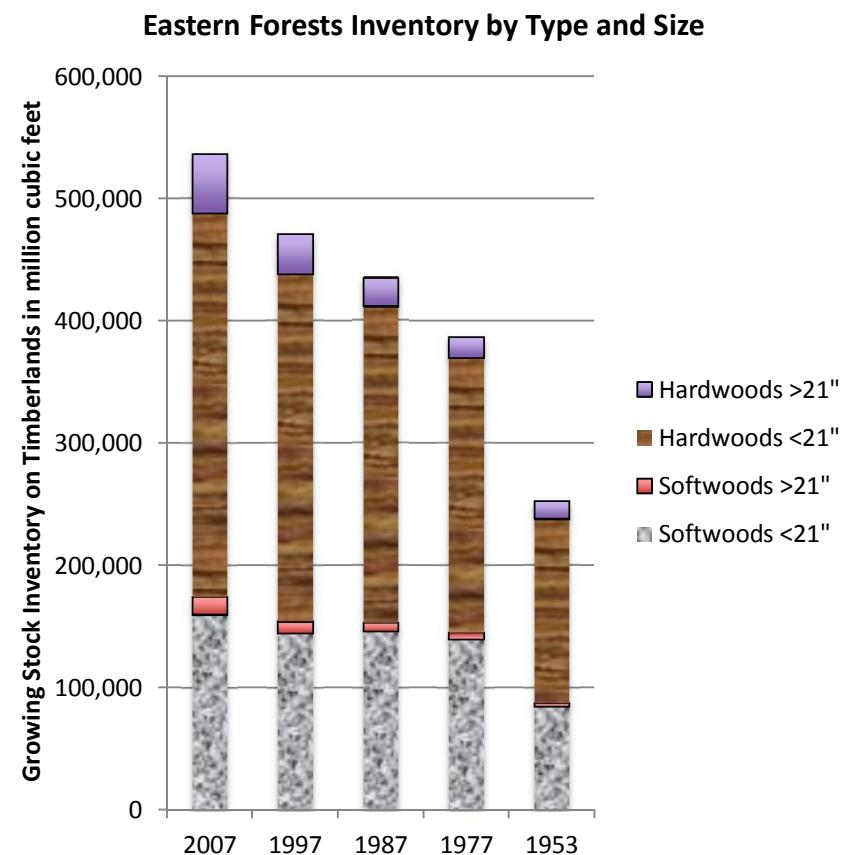
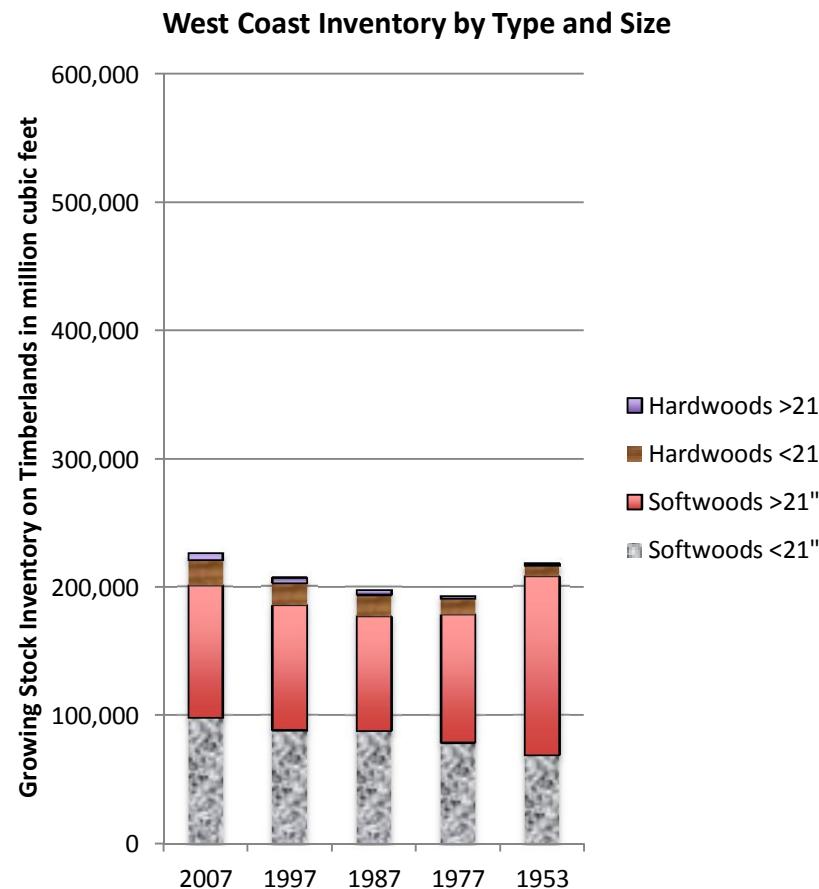
Chart 1.2 *Building Stock by Region, World Markets: 2010-2020*



(Source: Pike Research)

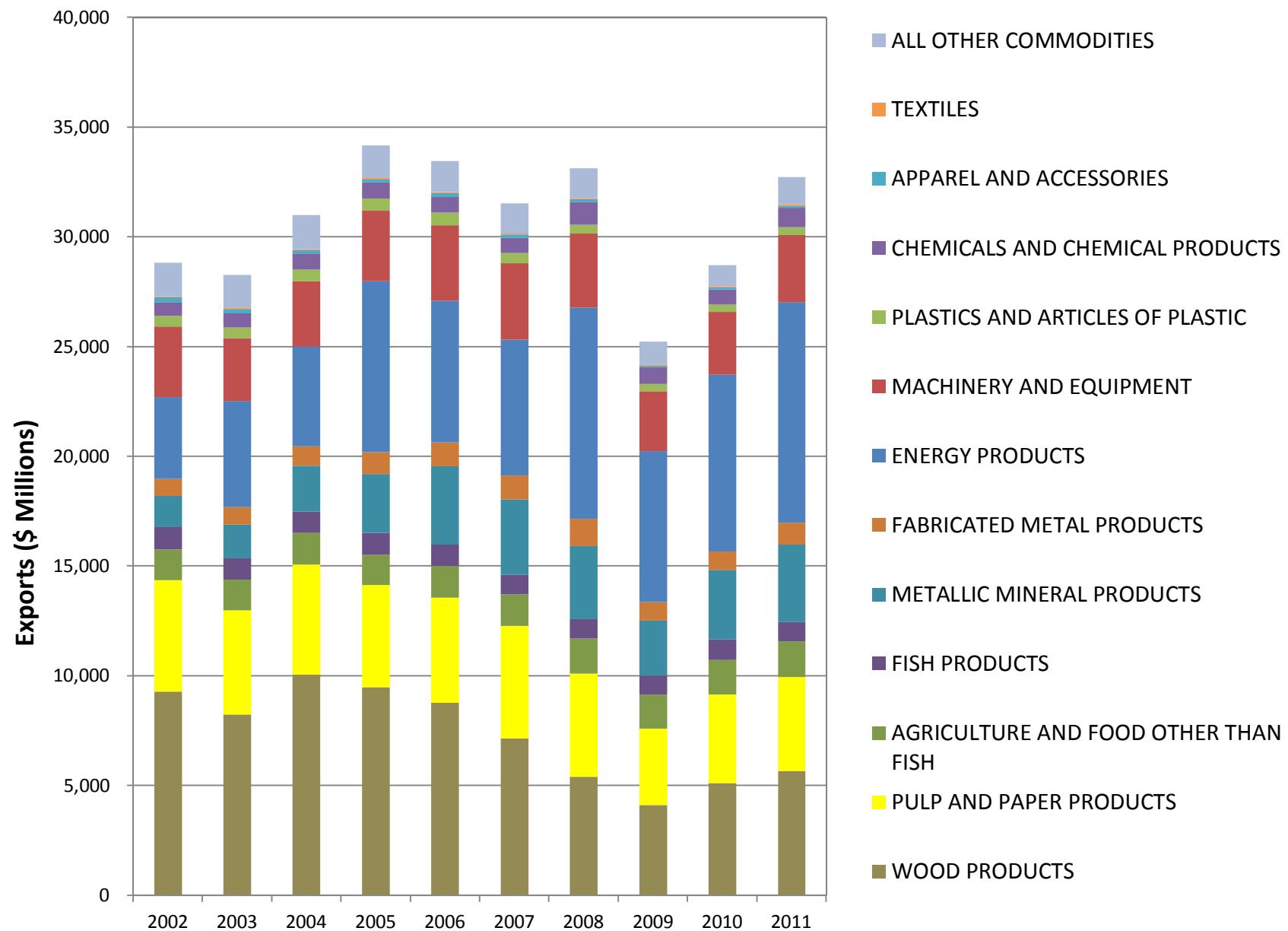
Corvallis, OR vs. Athens, GA

Why the politics of more biomass from growing inventories differs



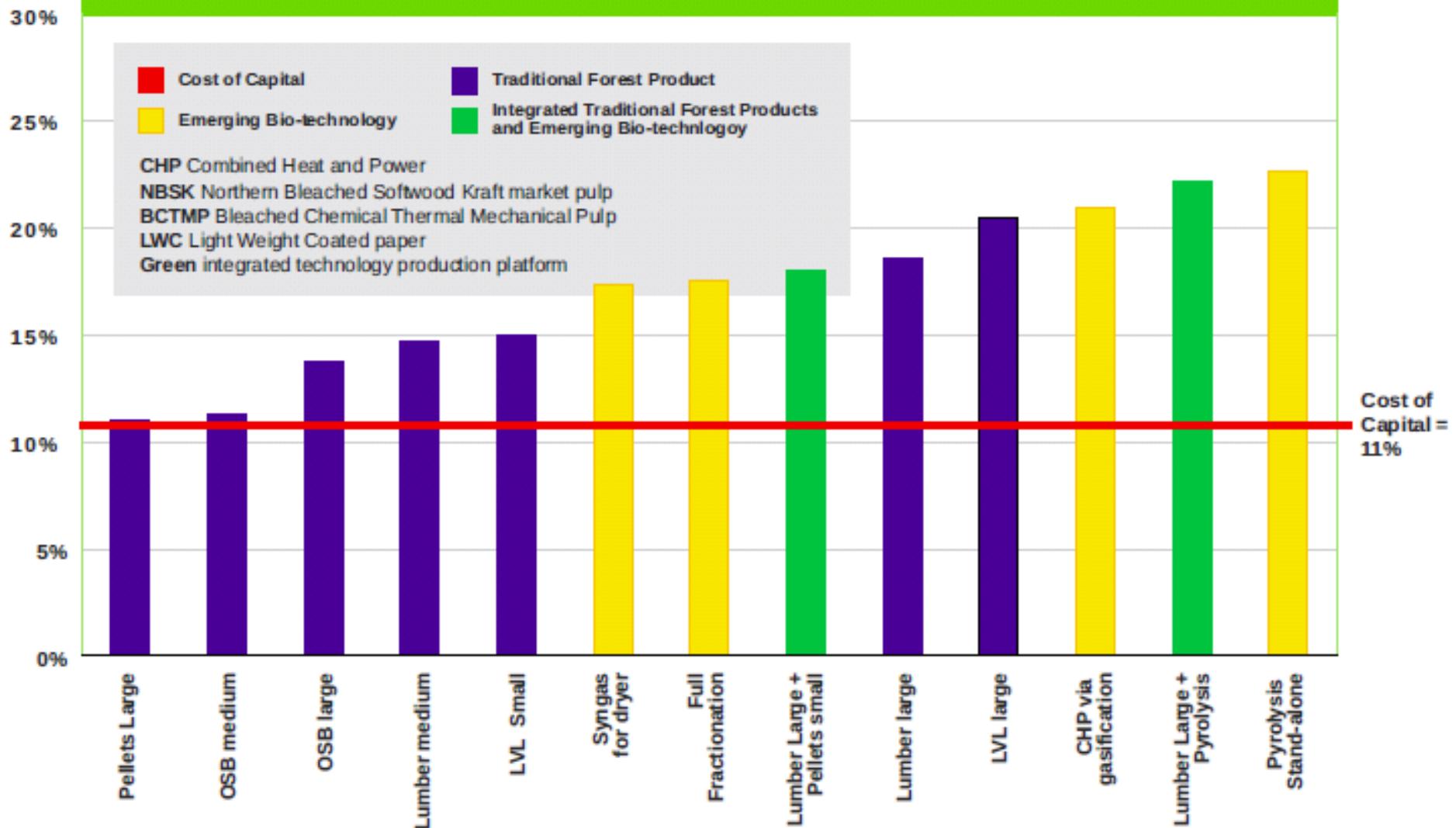
Source: FIA data in Smith 2009

British Columbia wood/fossil fuel ratios: 2002 3:1 2011 1:1



BC

Return On Capital Employed (ROCE) Traditional + Emerging Technologies Earning Their Cost of Capital



Concluding thoughts

- “ Local and Regional ‘Open Space’ vs. ‘Sustainable Building Products’ balancing acts will pale in comparison to the global energy ‘non-balancing act’
- “ Preservation in one place exports resource utilization to another place and shifts sustainable development opportunities. Europe*North America. Asia*North America.
- “ Cheap local hydro power historically lessened the focus on wood energy in OR, WA, and BC – but the rest of the world is ‘hydro short’ and needs energy.
- “ Unlike California, Oregon has real carbon credits (\$10/BDT = \$5/tC = \$18/tCO₂e ~ European price)
- “ Energy Use will be the global fulcrum for the forest * climate change linkage – not forest carbon sequestration which is basically a shell game when wood is traded internationally

Comments?



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