

Let's Start With the FOREST!

The \$17.3 Billion is because SC has an Available, Usable Wood Supply

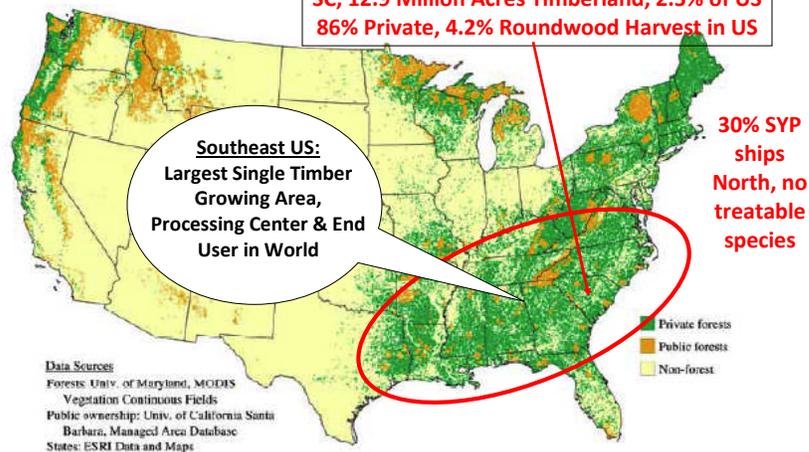
Trees Dictate the Type & Location of Our Primary Wood-Using Industry

Where are the GAP OPPORTUNITIES?

Lupold Consulting, Inc.

US Forest Timberlands, 513 million Acres, 69% Private, 57% Softwoods

**SC, 12.9 Million Acres Timberland, 2.5% of US
86% Private, 4.2% Roundwood Harvest in US**

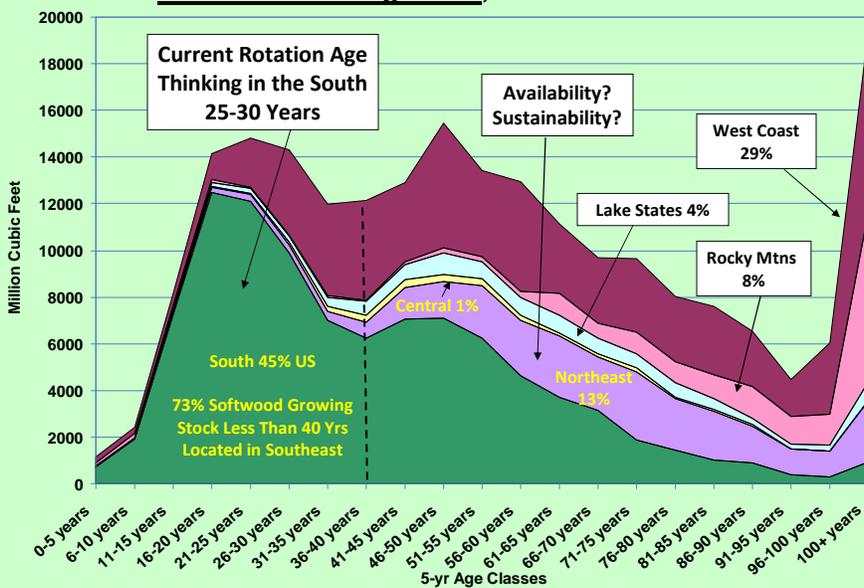


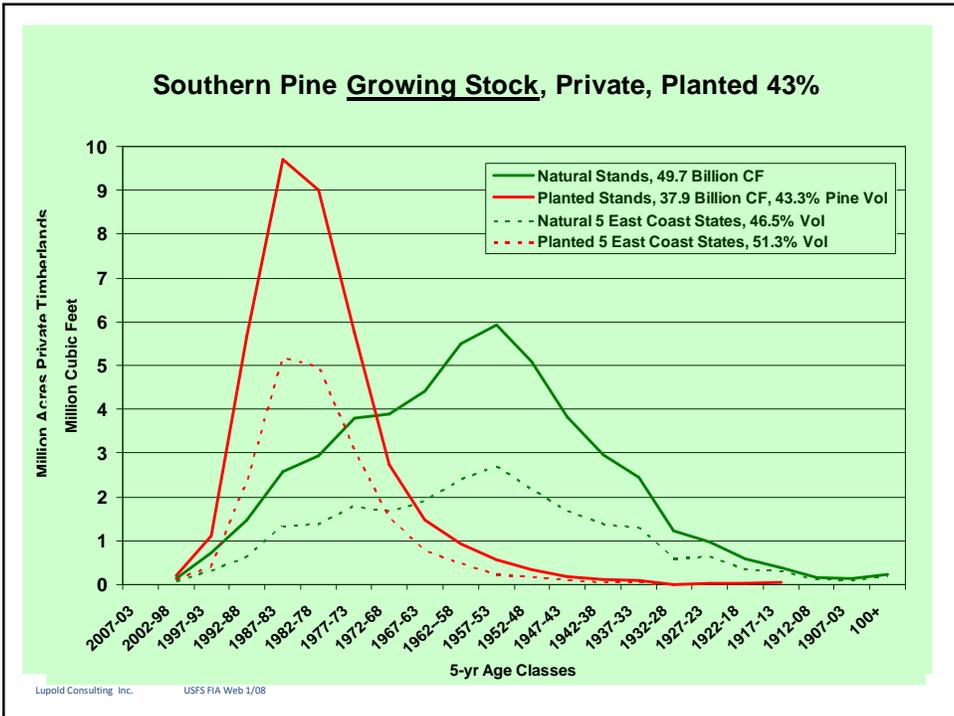
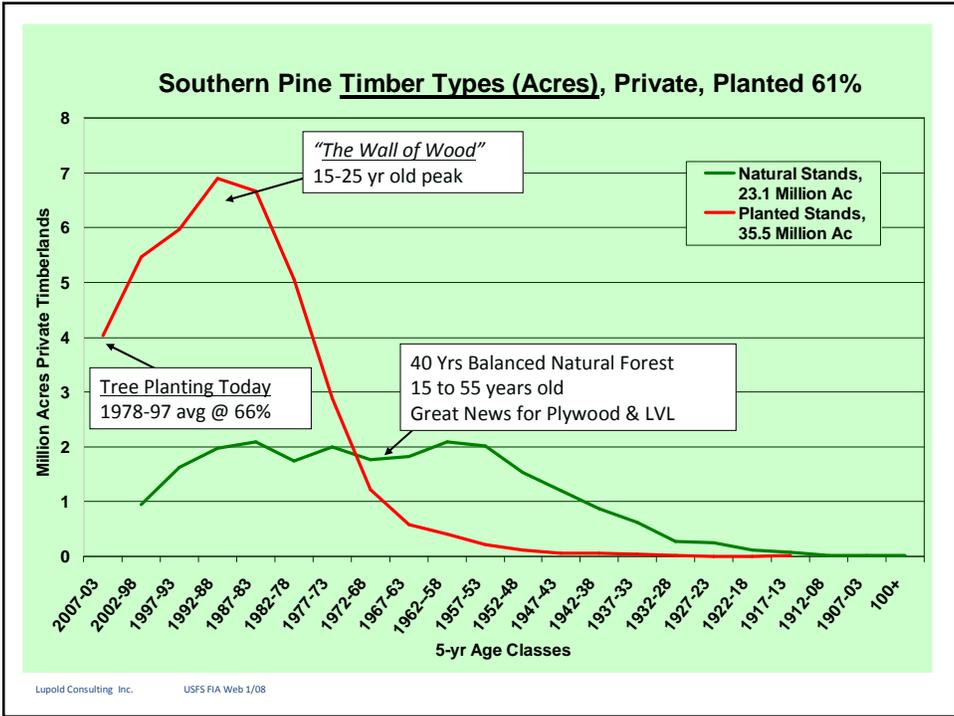
30% SYP ships North, no treatable species

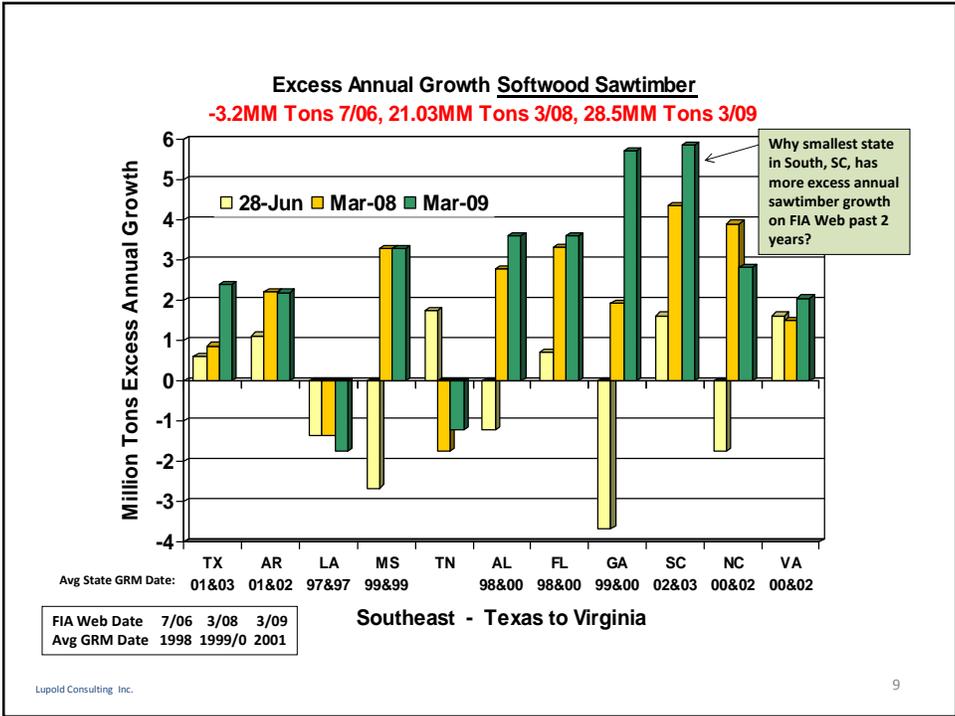
Data Sources:
Forests: Univ. of Maryland, MODIS
Vegetation: Continuous Fields
Public ownership: Univ. of California Santa Barbara, Managed Area Database
States: ESRI Data and Maps

Maryland to Texas; same type land, same tree species, same mills and processes, same consumer products

US Softwood Growing Stock, Private Timberlands



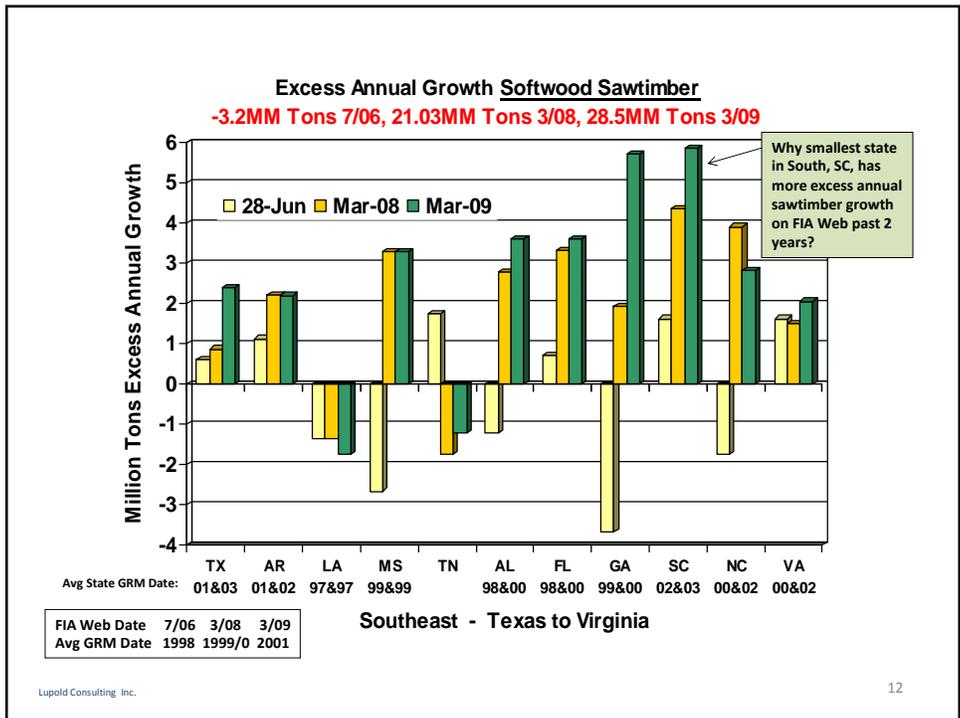




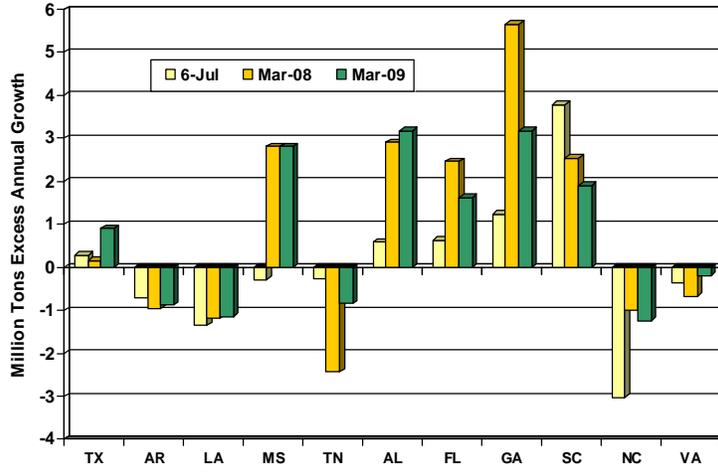


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Excess Annual Growth Softwood Pulpwood, FIA Web
.57MM Tons 7/06, 10.6MM tons 3/08, 9.3MM Tons 3/09

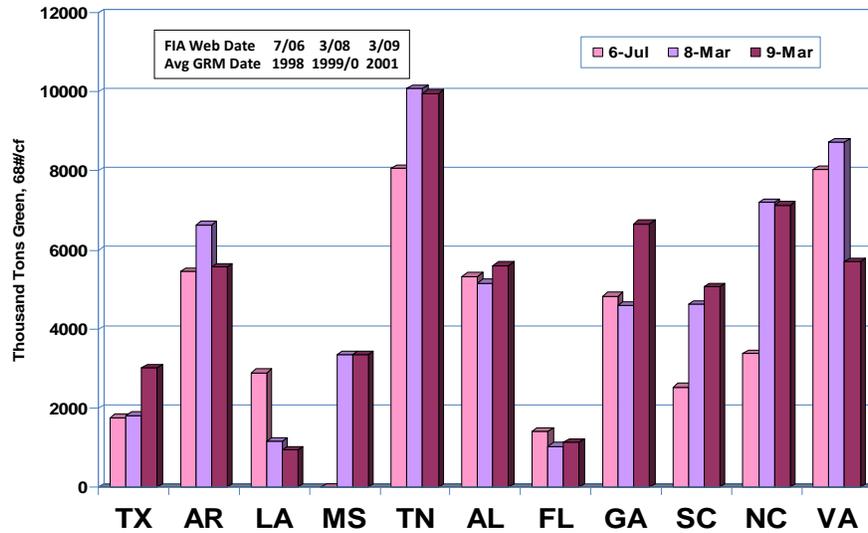


Avg State GRM Date: TX 01&03 AR 01&02 LA 97&97 MS 99&99 TN 98&00 AL 98&00 FL 98&00 GA 99&00 SC 02&03 NC 00&02 VA 00&02

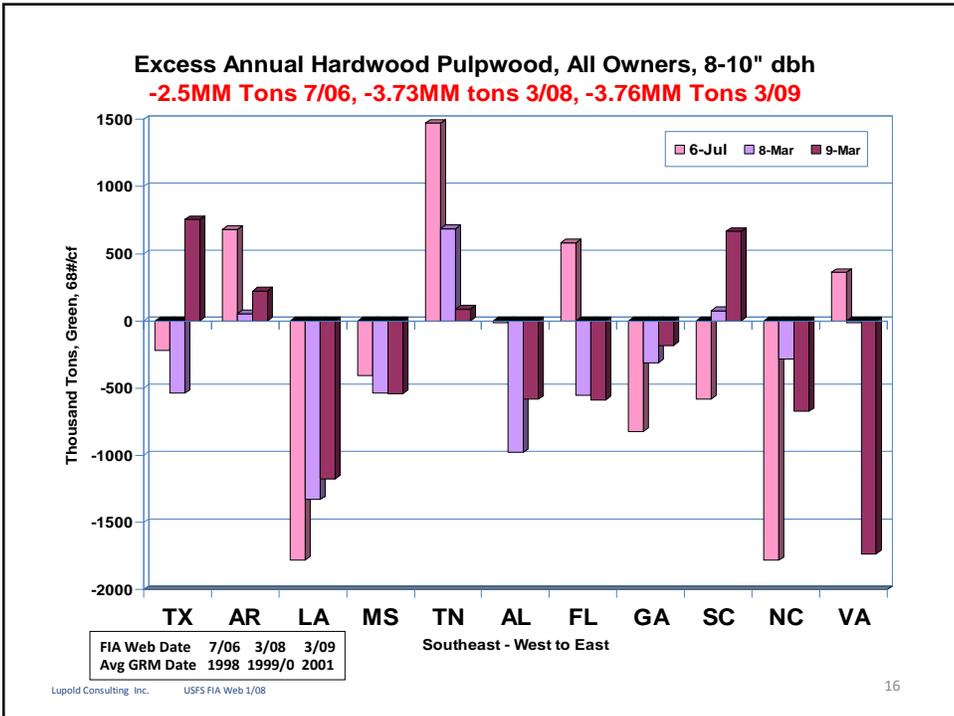
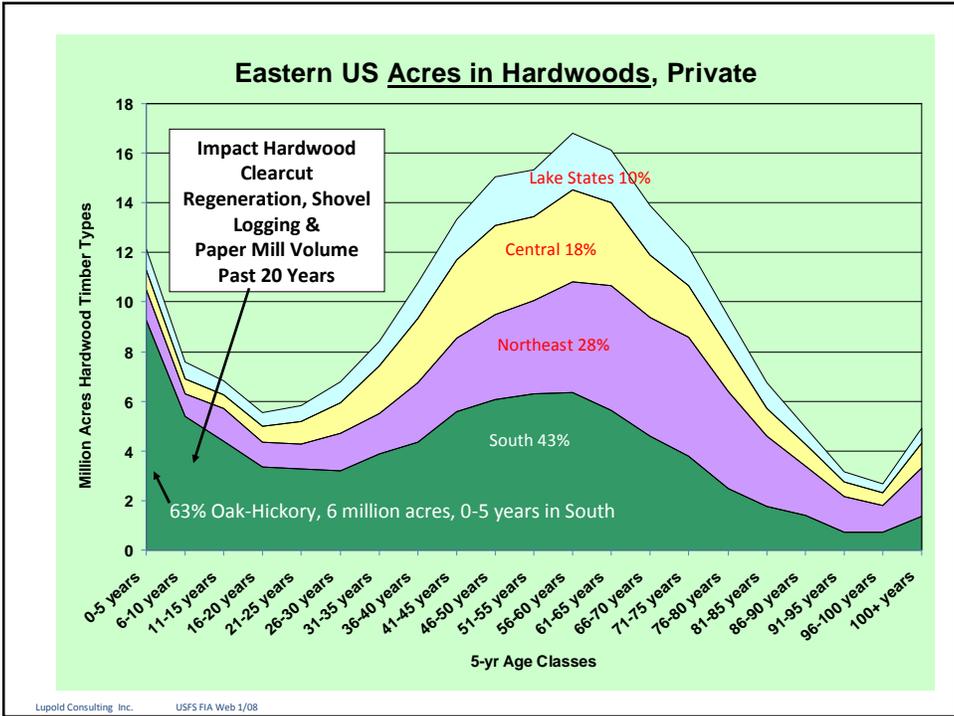
FIA Web Date 7/06 3/08 3/09
 Avg GRM Date 1998 1999/0 2001

Southeast - Texas to Virginia

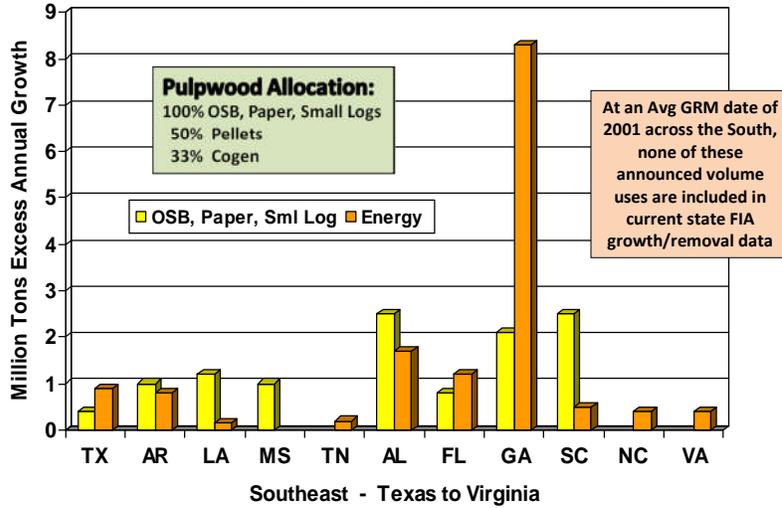
Excess Annual Hardwood Sawtimber, All Ownerships
43.2MM Tons 7/06, 54.4 MM Tons 3/08, 54.2MM Tons 3/09



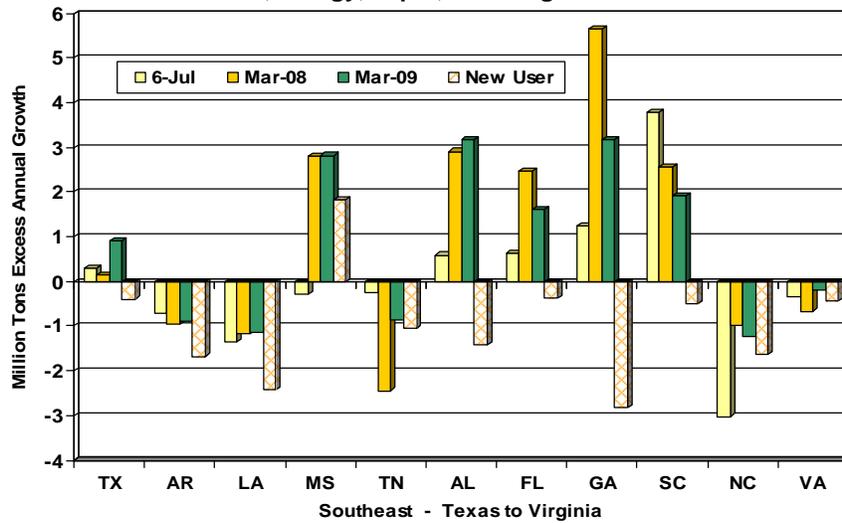
Southeast - West to East



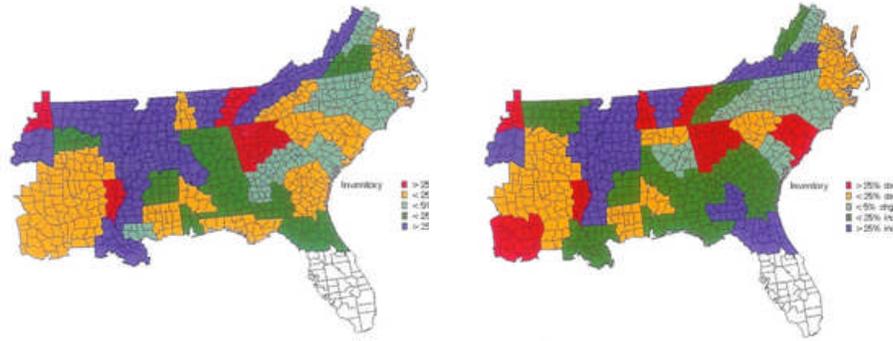
New Plant Announcements, 2005-2009, To Use Pine Pulpwood
10.5MM Tons OSB, Paper, Small Logs 14.5MM Tons Energy



Excess Annual Growth Softwood Pulpwood, -15.7MM Tons
With New OSB, Energy, Paper, Small-log Users at 25MM Tons



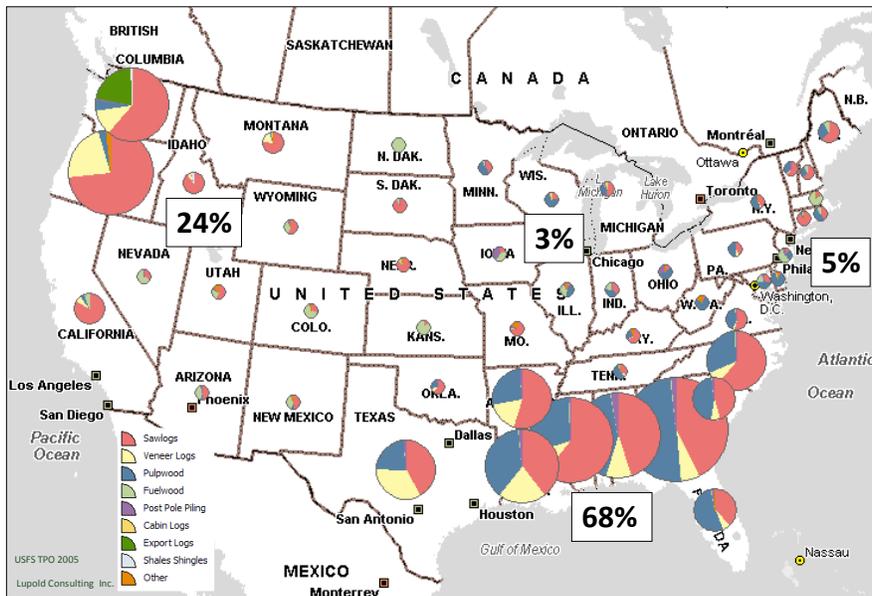
Initial inventory & inventory change from 2005 to 2030 from recession/recession scenario, in terms of percentage change in pine inventory from 2005 to 2030. Forest Products Journal 7-8/2009, By Abt, Cabbage & Abt



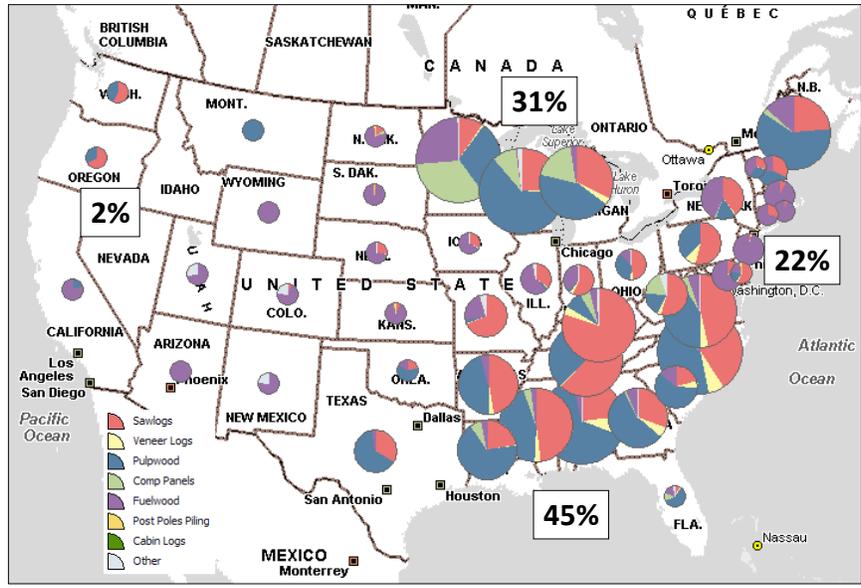
(a) Pine pulpwood inventory change 2005-2030

(c) Pine sawtimber inventory change 2005-2030

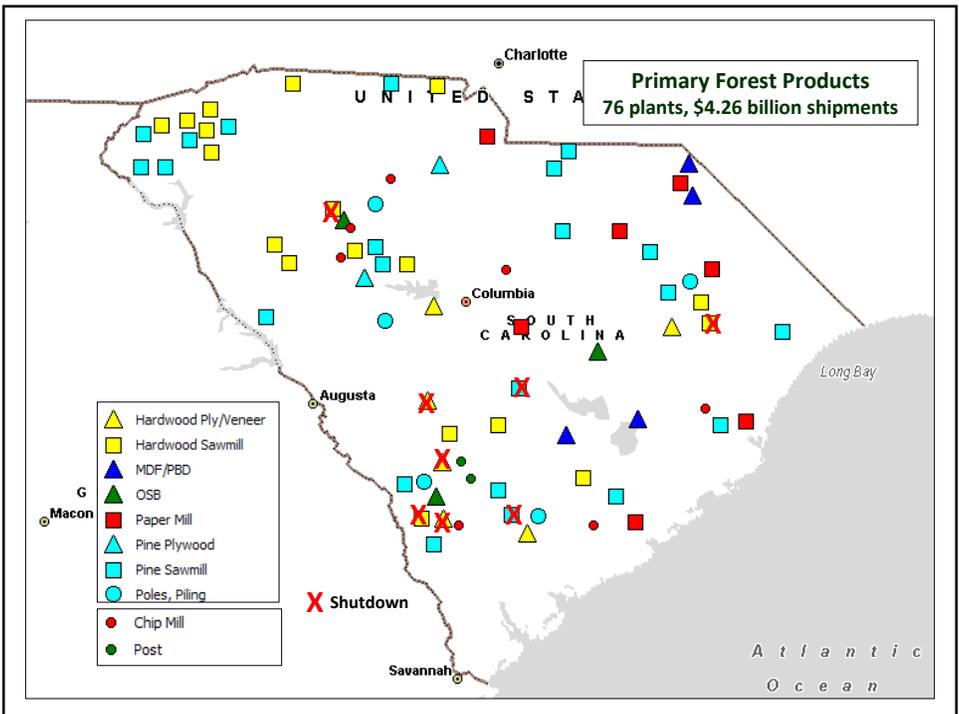
Softwood Products: 317 Million Green Tons; 66% Total US Timber Harvest; South 70%, West 25% & Maine 2.4%; Sawtimber 66%, Pulpwood 33%, Fuel 1%



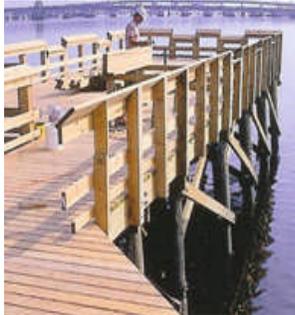
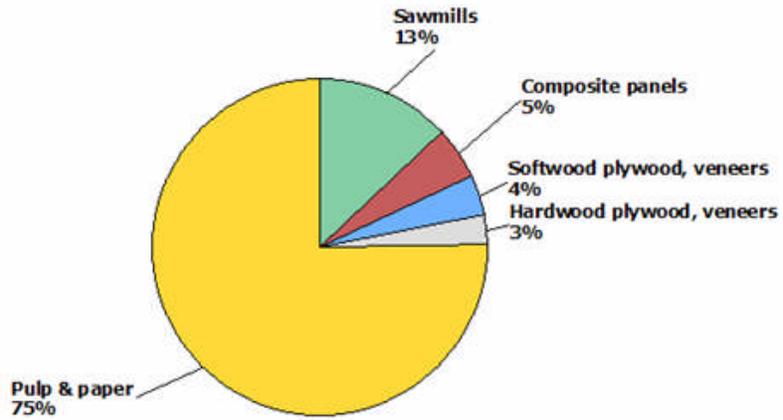
Hardwood Products: 181 Million Green Tons; 36% US Timber Harvest;
MS-AL-GA 17%, MN-WI-MI 15%, ME 4.4%; Sawtimber 40%, Pulpwood 44%, Fuel 16%



Lupold Consulting Inc. USFS TPO 2005



**Primary Forest Products Shipments From SC
Year 2002, \$4.26 Billion**



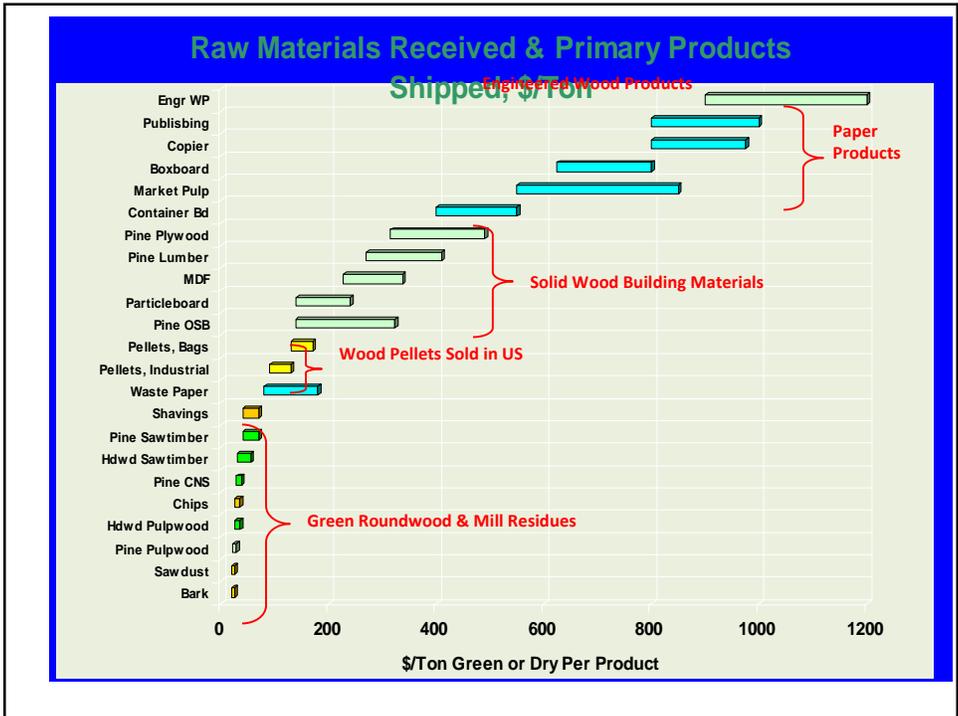
Over 42% Southern Pine treated

26% SYP used in trusses & EWP Systems

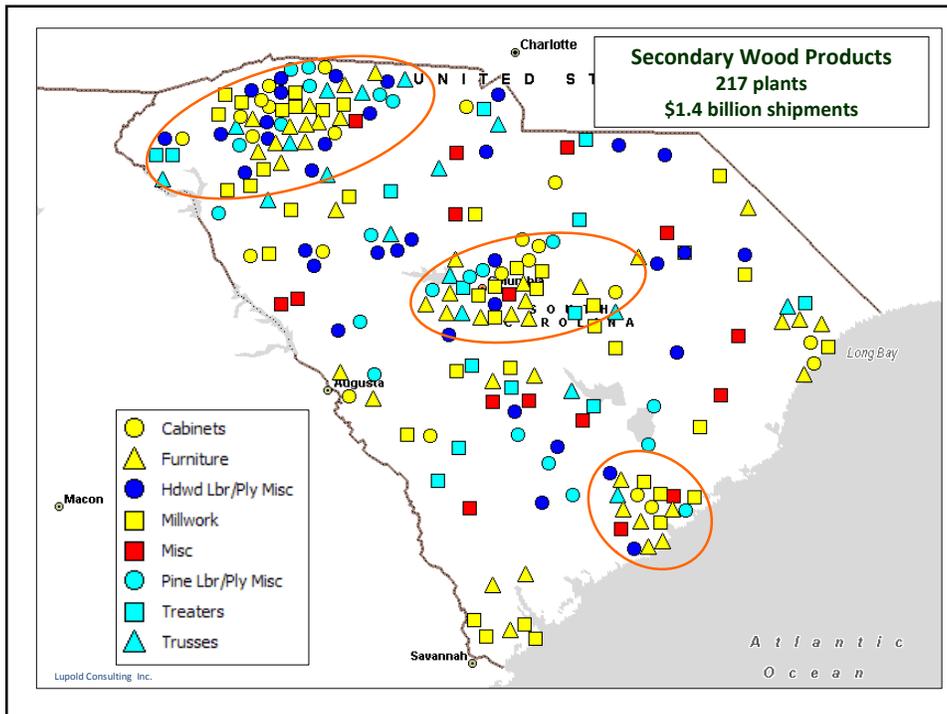
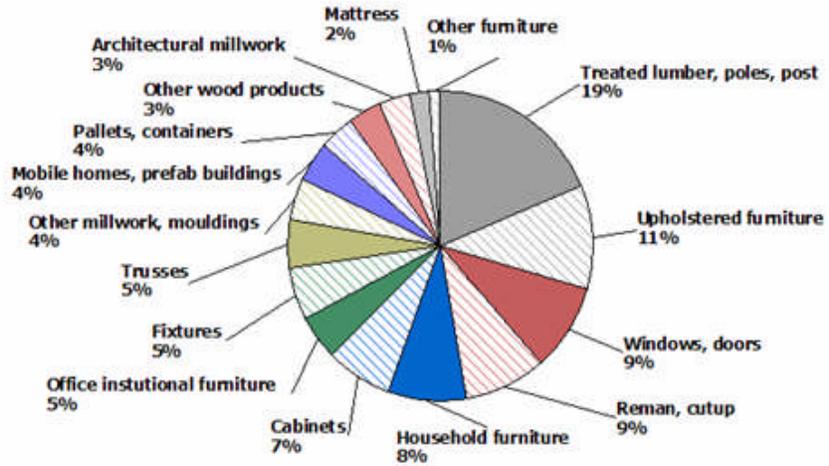


1" boards (4%)
industrial (18%)
framing (10%)

**85-90% LUMBER & PANELS
SHIP TO SECONDARY USERS**
-
70-75% SHIPS OUT-OF-STATE



Wood Product Secondary Value Shipments in SC, 2002, \$1.4 billion
 2/3rd plants located in Columbia, Augusta, Savannah, Charleston metro
 1/4th in Orangeburg, Summerville, Statesboro, Swainsboro



IP bites the bullet on permanent capacity shuts -- closing Franklin, Pineville, Albany white paper, linerboard mills

Responding to the major drop in US demand since last fall and a slow economic recovery, International Paper (IP) yesterday announced permanent US capacity closures totaling 2.1 million tons or 13% of the company's total global capacity of 16 million tons/yr.

US newsprint market splinters as hikes make patchwork progress -- \$480/tonne in the East, \$465/tonne out West

The two largest North American newsprint producers, AbitibiBowater and White Birch, told customers this week they plan to increase the price of 30-lb newsprint another \$50/tonne in two monthly installments of \$25/tonne on Nov. 1 and Dec. 1.

Global pulp stock continues 8-month fall, fuels new price hikes as BEK, NBSK majors slate \$30-50/tonne increases

Global market pulp inventories declined again at the end of September for the eighth straight month, leading producers to propose a flurry of price increases for November on northern bleached softwood (NBSK) and bleached eucalyptus (BEK) market pulp.

Publication Papers

Fourth quarter pickup in demand helps order books; price hike proposals fail

North American mills that supply commercial printers with paper for magazines and catalogs are having a relatively strong fourth quarter, contacts said this week.

Black Liquor Fuel Credits ?

Pulpwood Use in SC

1980's	13.5 million tons annually
1990's	14.95
2000-5	15.1
2006	15.98

Tissue

K-C reports 15% margin for year so far; keeps focus on brand 'innovative' products

Despite the global economic downturn in the last year, Kimberly-Clark (K-C) produced record net income in the third quarter behind lower input costs and higher selling prices.

Containerboard

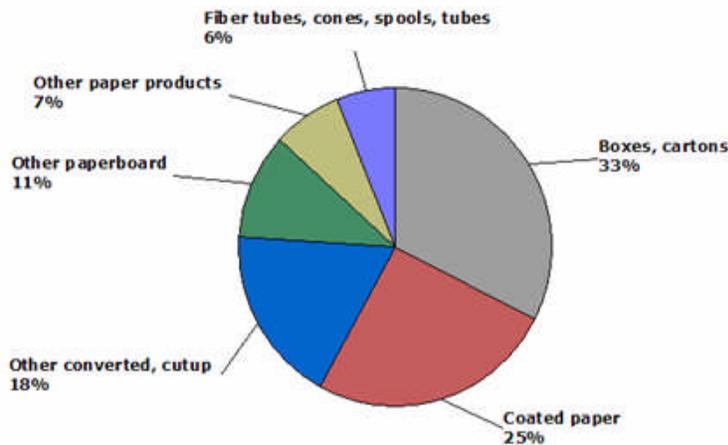
US containerboard market may be ready for a turn -- with any box order uptick

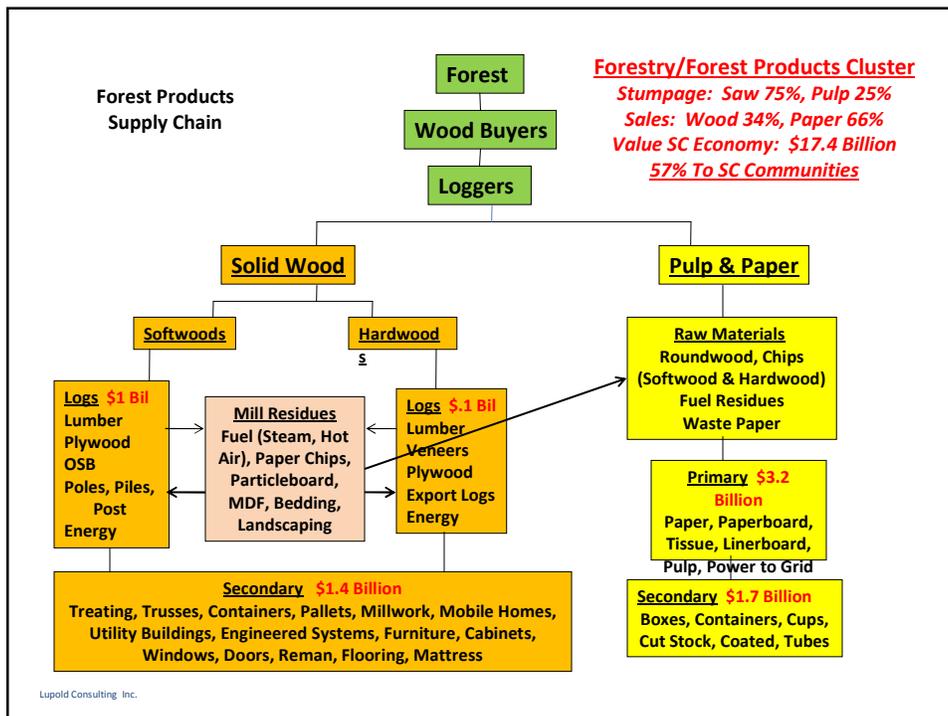
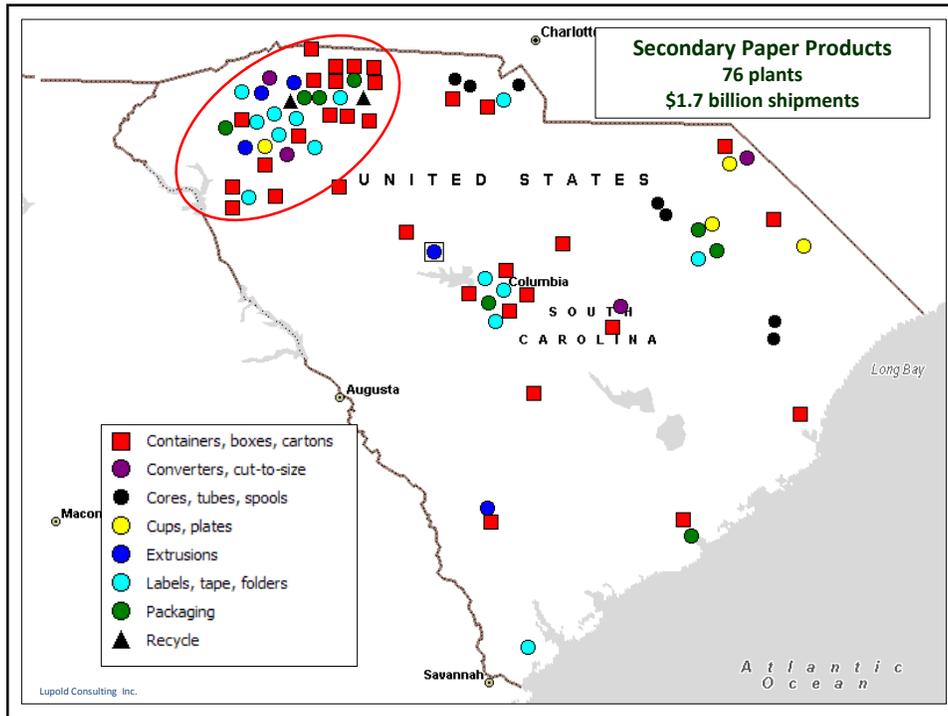
Bleached Paperboard

SBS demand relatively unchanged, prices hold

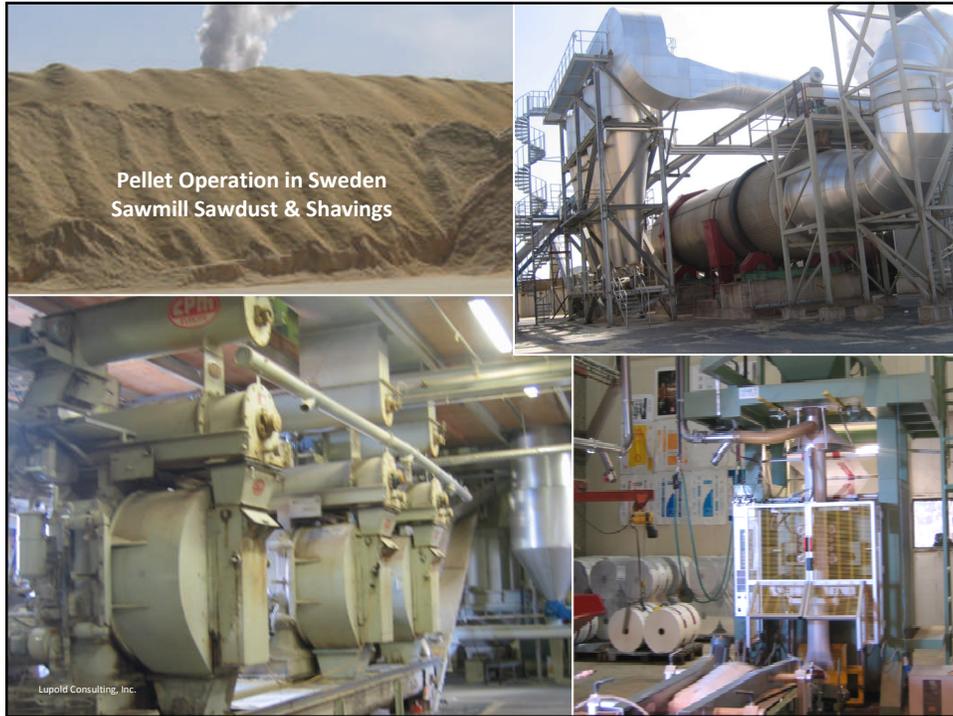
The North American bleached paperboard market in October remained virtually the same as it was the past few months -- with

Pulp & Paper Product Secondary Value Shipments in SC, 2002, \$1.7 billion
 2/3rd of the facilities located in the piedmont, Columbia and Florence areas









Summary Recent USFS/SCFC Study To Determine SC Biomass Fuel Available

Types and volumes currently being utilized:

Mill Residues	6,000,000 green tons
Paper & Wood Recycled	1,000,000
Logging Residues	600,000

Volume not being utilized:

Standing residuals after harvest, 9 tons/acre:

412,500 acres annually (3.2% SC forest) 3,740,000 green tons

Recoverable logging residues at 60%, 11 tons/acre:

35% >5" dbh, 65% <5" dbh 4,532,000 green tons

Total not utilized: 8.3 million tons annually

cottageLiving OCTOBER 2007

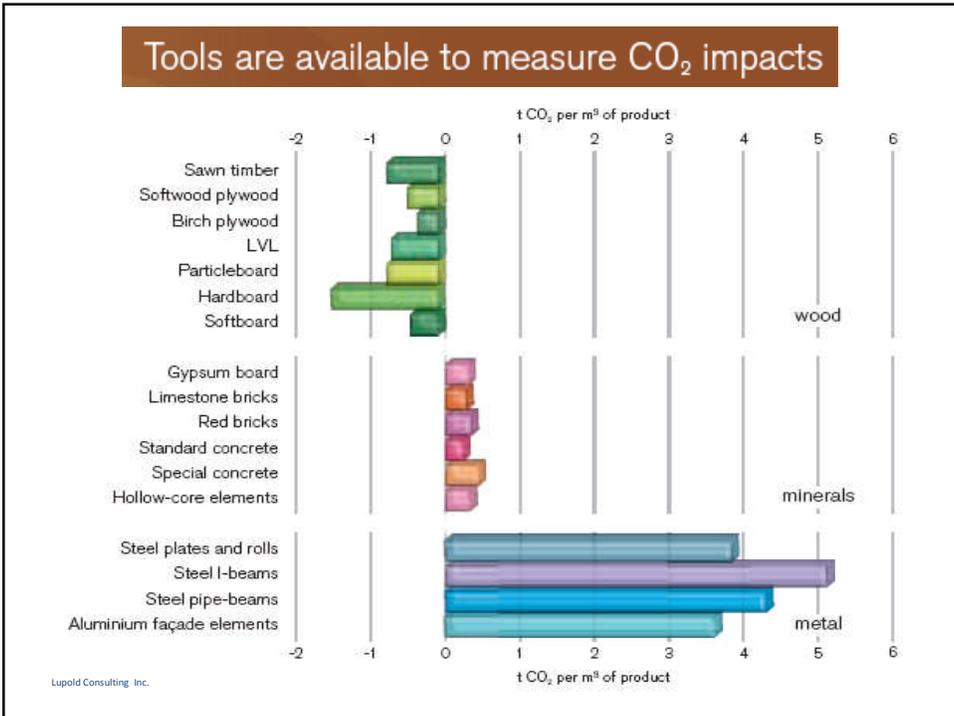
our 2007 idea home

Fabricated into modular components at Ridgeland, South Carolina by Haven Custom Homes

New Orleans Home

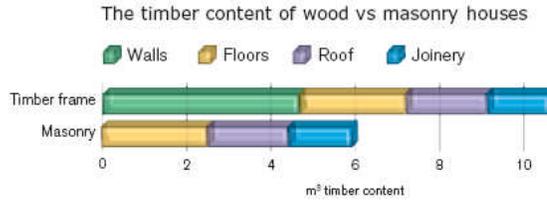
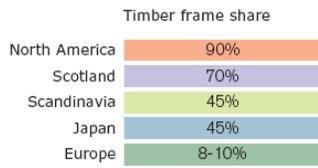
phase two: the assembly With floors, ceilings, drywall, and even windows in place, the finishing touch—exterior siding—is added. "Unlike site-built homes, modular houses are built inside, meaning we do the drywall first, then install, and finish the exterior with the siding," says Stephen says.

phase three: the installation The house is shipped in four sections to its new home, where a crane lowers each part onto the foundation. The roof is installed next, and voilà—a cottage is born. For a complete slide show of the assembly of our Idea Home and video of its delivery in New Orleans, visit cottageLiving.com



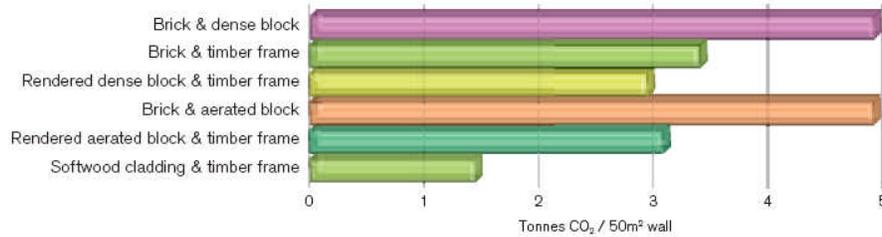
How wood products help slow Global Warming

Wood buildings use less CO₂

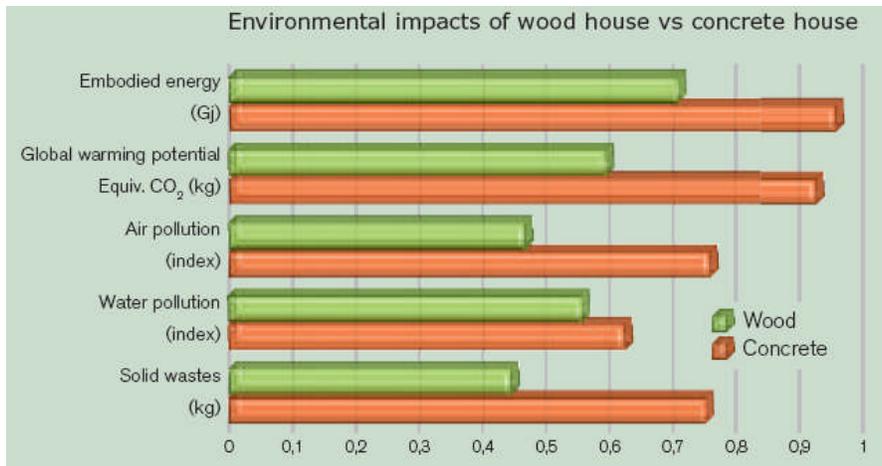


Wood and wood products save CO₂

CO₂ emissions for different wall constructions



Governments are using legislation to curb CO₂



Wood is going to become more important

Wood Fiber Used Annually in SC, million tons: 45.72 Sustainable Potential

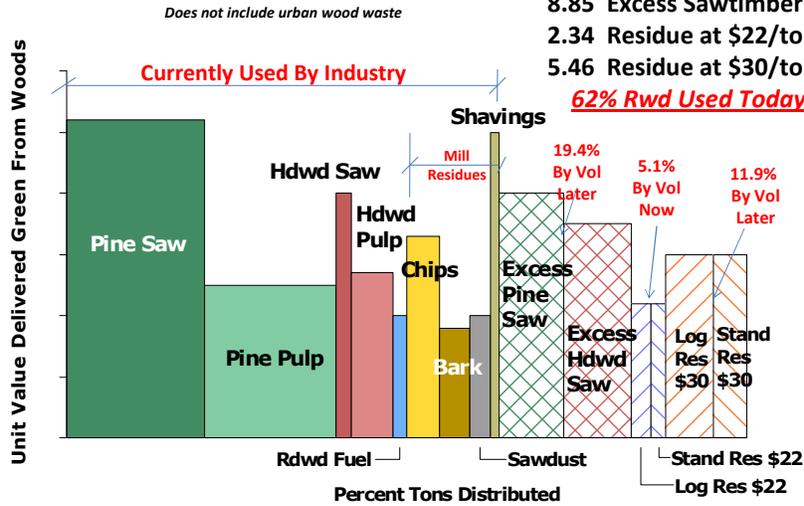
29.07 Currently Used

8.85 Excess Sawtimber

2.34 Residue at \$22/ton

5.46 Residue at \$30/ton

62% Rwd Used Today



Wood Fiber Delivered Annual Value By Product, million dollars:

Does not include urban wood waste

\$838 Current Roundwood (54%)

166 Current Mill Residues (10.7%)

332 Future Sawtimber (21.4%)

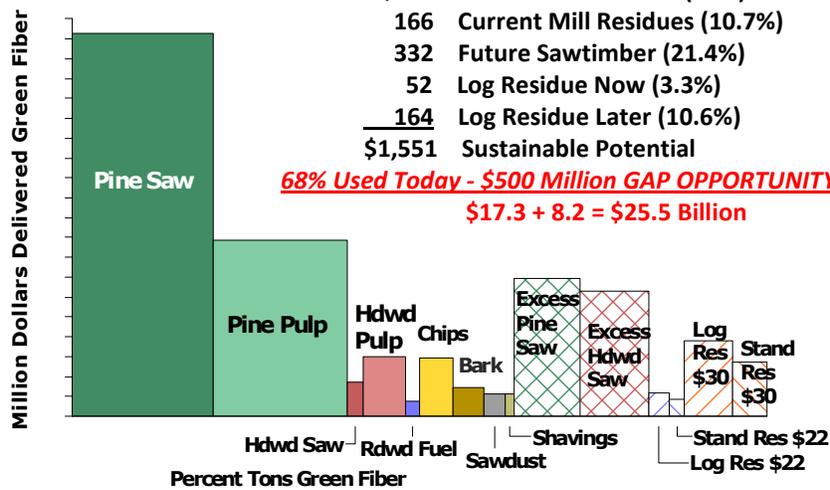
52 Log Residue Now (3.3%)

164 Log Residue Later (10.6%)

\$1,551 Sustainable Potential

68% Used Today - \$500 Million GAP OPPORTUNITY!

\$17.3 + 8.2 = \$25.5 Billion





Isn't it mostly about telling our fantastic "*supply chain*" sustainability story to SC citizens who can enjoy the forest in so many different ways and at the same time use wood derived products that are greener than any other products ever developed over a long period of time.