Green Buildings, Tall Buildings
Soaring for Sustainable Forestry
South Carolina Forests
Softwood Volume

Softwood Volume in South Carolina

Hardwood Volume in South Carolina

2-Inch Diameter Class
Top News

Clemson institute secures USDA grant to expand use of wood

Students show off their solar-powered, zero-energy home

Stronger economic partnership between Canada and S.C. focus of conference

Students unveil solar-powered, zero-energy home designed for South Carolina families
Working With Students

Habitat for Humanity

Solar Decathlon
Grants To Date

• Development of Solid and Hollow-Core Cross-Laminated Timber Systems for Low- and Mid-Rise Construction--USDA
Grants to Date

- Wind and Rain Resistant Design for Coastal Cross Laminated Timber Buildings--SC Sea Grant
Grants To Date

• Expanding the Use of Wood Building Products in SC–USDA Forest Service

• Private Research – 1 completed
Research Results

- S. Yellow Pine CLT can be made
- Testing continues
Developing New CLT Options
New Uses for Existing Products
Wood Products Research

• R & D
  – Wood Science
  – Architecture
  – Engineering

• Support student projects/studios
Creating The Demand for Wood

• Architects
  – About 30 programs teach wood design

• Engineers
  – About 40 programs teach wood engineering

• Building Owners
  – Need to ask for wood
USFS Grant – SC WIT

• Government actions
• Economic analysis
• Educate Building owners
  – Workshops
  – Support
• Create “Wood Supporters” network
USDA Regional Extension Grant

- Educate the SE county agents
- Expand “Wood Supporters”
- Educational materials made available
Continue Education Mission

- Indigo Pine West
- On-line classes
- Other educational opportunities
  - Internships
  - Creative Inquiry
  - Graduate research
Develop the Case for Wood

• Communicate
  – TED Talks, Rethink Wood

• Work smart with partners
  – AWC
  – FPInnovations
  – Woodworks
  – Others
It Begins With You!

• Hackney model
• Become an activist
• Share the message
• Get to know architects, engineers
• Wood – Ask For It!

http://www.e-architect.co.uk/london/the-cube-building-in-hackney/