

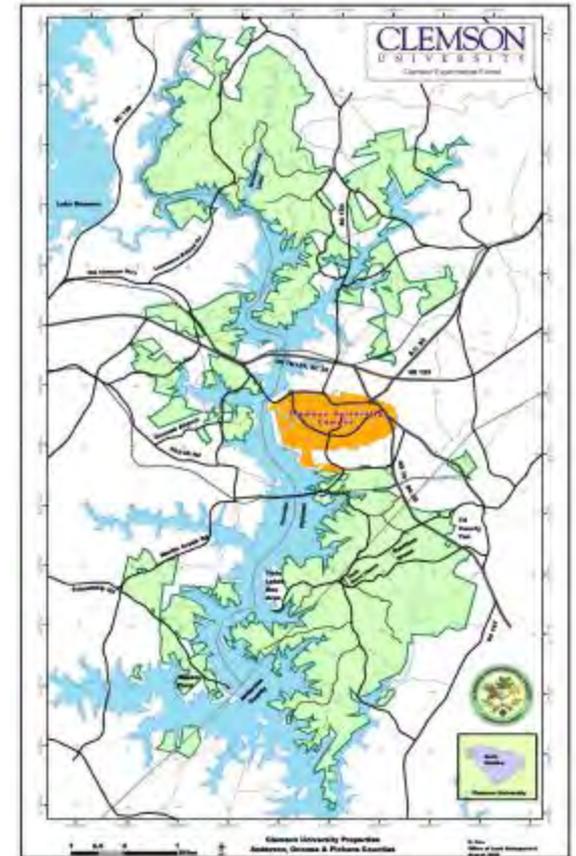
Clemson's Wood Utilization + Design Institute

Helping to Create Market Demand



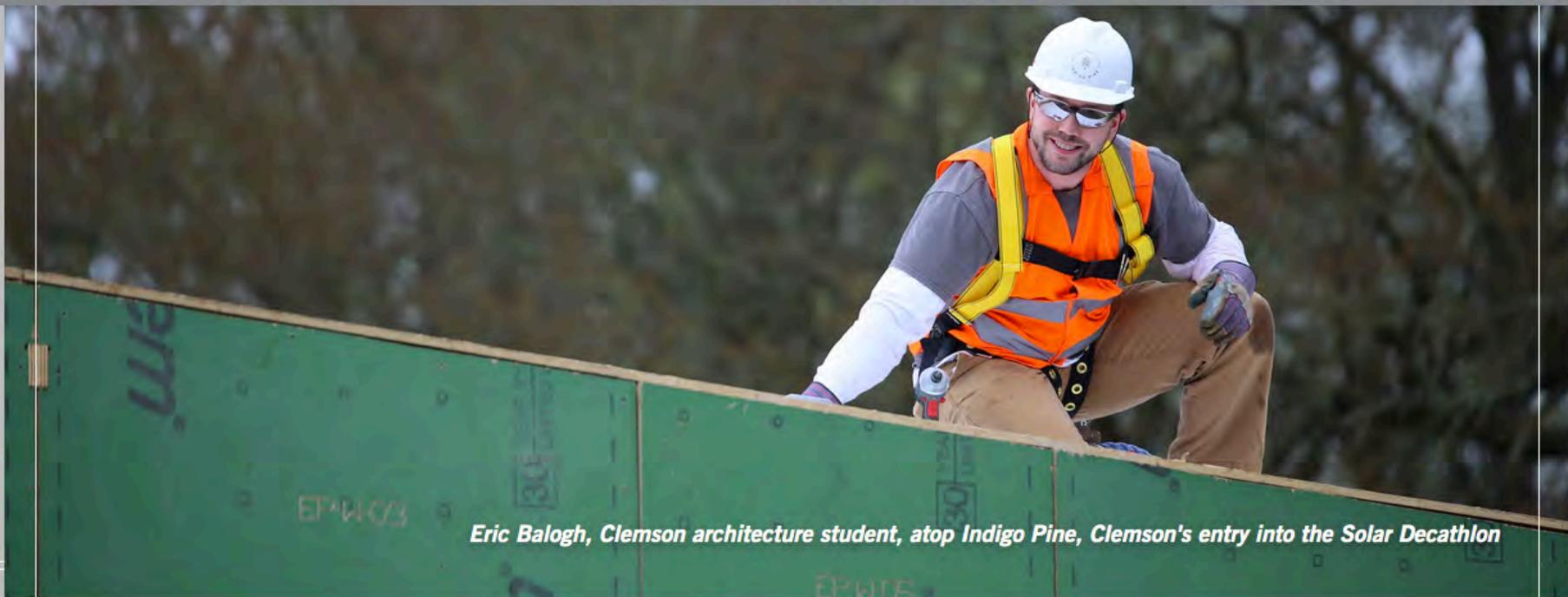
Why Clemson University?

- Perfect fit with our land grant mission
- Strong academic/research units in engineering, forestry and architecture
- Critical collaborations with faculty in business, policy, marketing, supply chain/ logistics
- Geographic location



WUD Institute Mission

- Increase the utilization of wood-based products in sustainable and resilient building construction through education/training, research/product development and direct marketing of technical and design solutions.



Eric Balogh, Clemson architecture student, atop Indigo Pine, Clemson's entry into the Solar Decathlon

Top News

MORE 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

Grants To Date

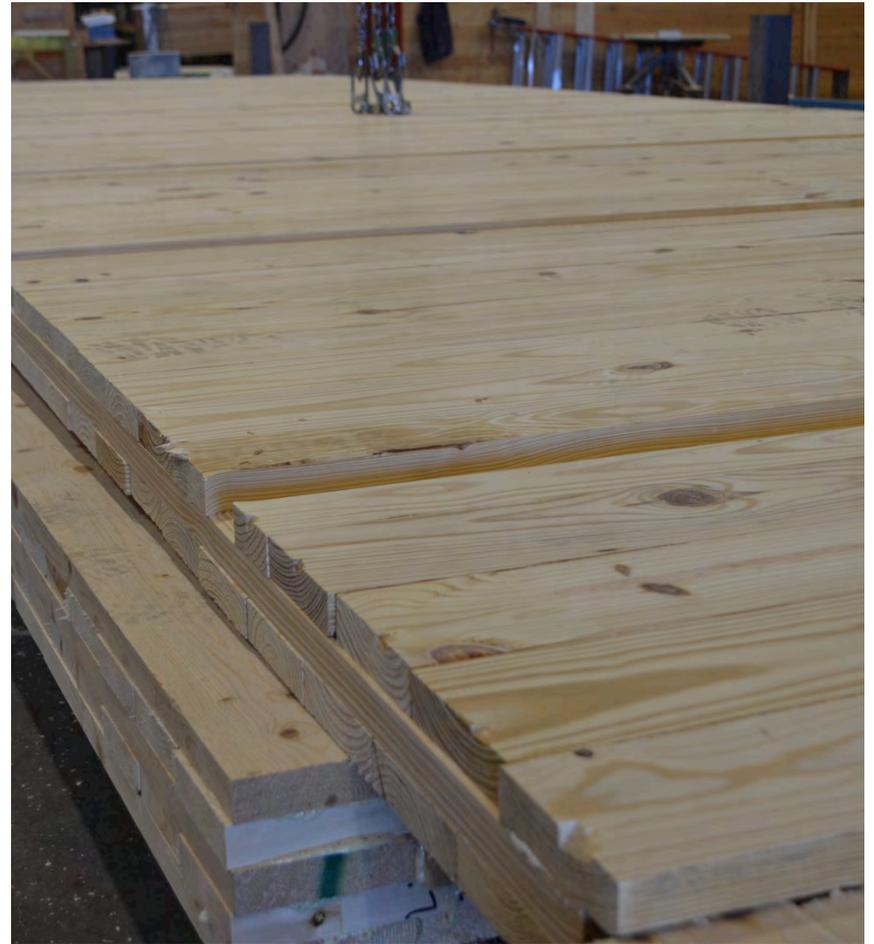
- Development of Solid and Hollow-Core Cross-Laminated Timber Systems for Low- and Mid-Rise Construction--USDA
- Wind and Rain Resistant Design for Coastal Cross Laminated Timber Buildings--SC Sea Grant

Grants To Date

- Expanding the Use of Wood Building Products in SC– USDA Forest Service
- 2 other grants in contract negotiations
- 1 in review
- Private Research – 1 completed

Research Results

- SYP CLT can be made







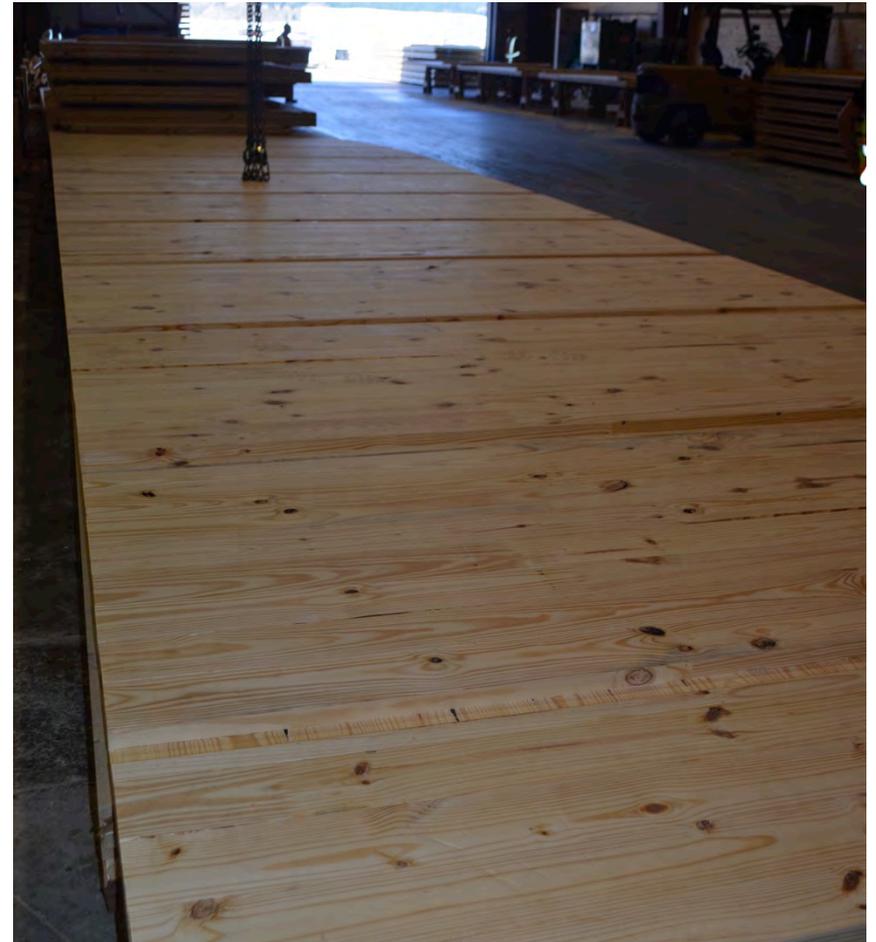


FORTE Building in Melbourne Australia

<https://www.youtube.com/watch?v=pHpthNBiYqE>

Issues with CLT

- “How to” do with SYP?
 - Glues
 - Structural Strength
- Fear of Fire
- Building Codes
- Cost





SYP CLT?

- Yes!
- Who?
- When?
- Where?

New Uses for Existing Product



USDA Grant – SC WIT

- Kick off meeting next week
- Government actions
- Economic analysis
- Building a data base of owners
- Workshops
- Support
- Building a network of “Wood Supporters”

Continue to Build W U + D

- Founding Partners
- Establish Board
- First Annual Meeting
- Develop Group Research Projects

Continue Education Mission

- Hire wood products faculty member
- Complete “Indigo Pine West”
- Develop on-line classes
- Seek other educational opportunities
 - Internships
 - Creative Inquiry
 - Graduate research

Develop the Case for Wood

- Communications
- Presentations
- Web sites
- Media
- Work smart with partners
 - AWC
 - Woodworks
 - Others

It Begins With You

- Become an activist
- Share the message
- Go to meetings
- Get to know architects and engineers
- Wood - first choice only if we ask