

Photo Credit: Oregon Forest Products Institute

Photo Credit: M. R. Johnson



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**USDA Forest Service State, Private, and Tribal Forestry**

**WOOD INNOVATIONS**

**MAY 2025**







# NO MARKETS ... NO MANAGEMENT?

## Forest Products Support Healthy Forests

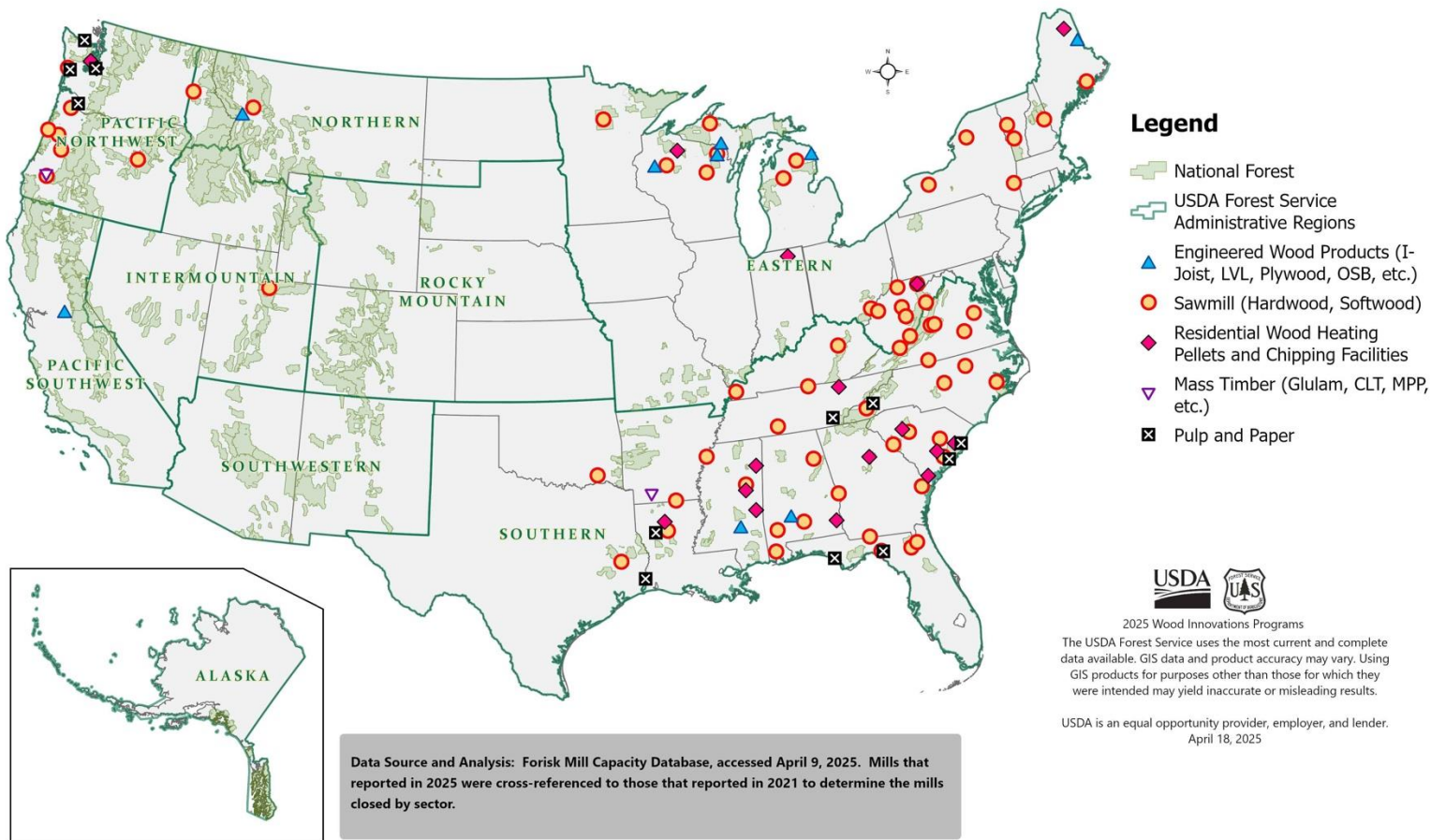
Photos courtesy: Northern Arizona University



# Industry Crisis

In the last 24 months, at least 200 forest products businesses have closed (American Loggers Council 2025).

## UNITED STATES FOREST PRODUCT MANUFACTURERS THAT HAVE CLOSED SINCE 2021, BY SECTOR



# Forests Gave Us The Greatest Innovations of All Time

Now Is The Time For All of Us To  
Innovate For Great Forests





# Mass Timber



Brock Commons, Vancouver, BC | Architect: Acton Ostry | Photo Courtesy: naturally:wood

# Mass Timber Strategy & Investments



Education

Technical  
Assistance

Research  
and Code

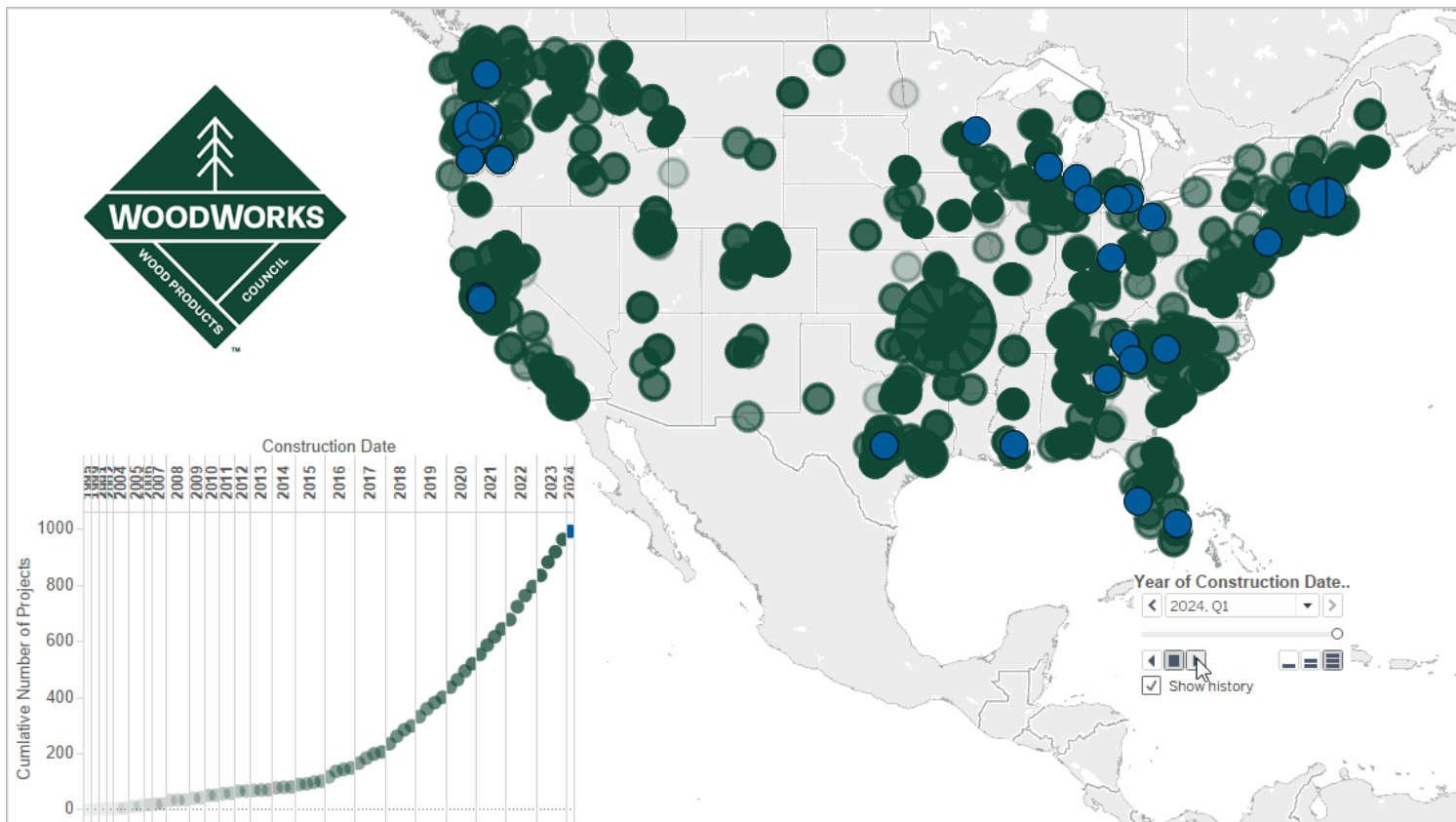
Initiatives

Over \$60 M  
invested ...



# Current State of Mass Timber Projects Over Time

As of Q1 2024, in the US, **2,115** multi-family, commercial, or institutional projects have been constructed with, or are in design with, mass timber.





# Lumber and Veneer-based Cross-laminated Timber (CLT) plants

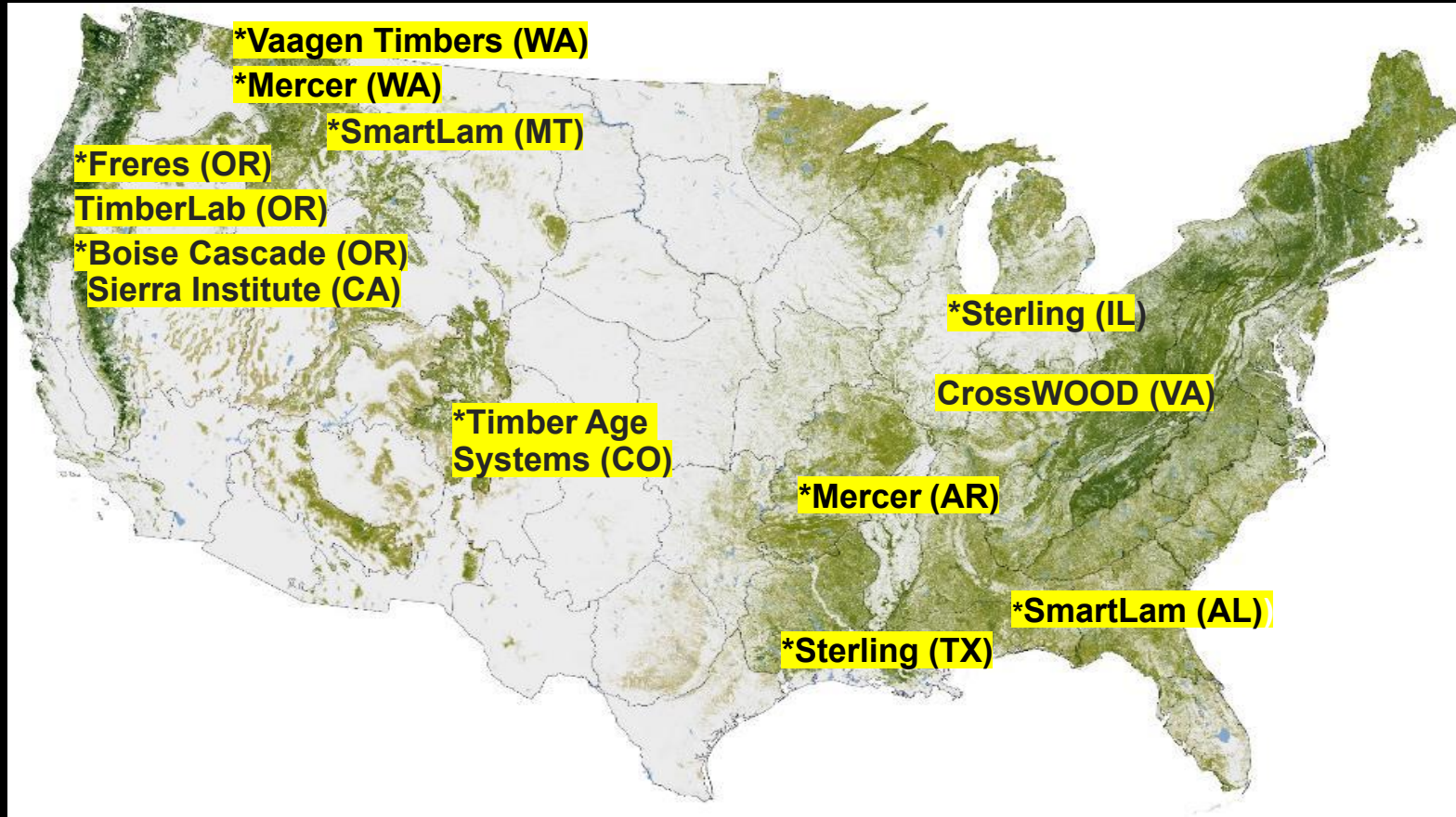






Photo: Janicki Industries

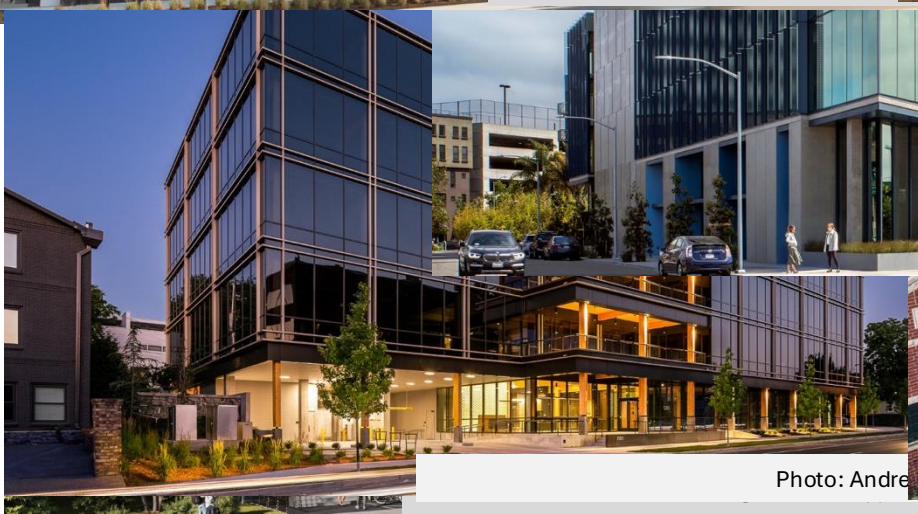


Photo: Andre



Photo: C. D. Smith Construction







# Biomass Basics: Differences in Delivered Cost

Biomass Type	Harvest	Collection	Processing	Transport	Market Value	Total Delivered Cost
Mill Residues	No	No	No	Maybe	Yes	Lowest
Topwood & Logging Slash	No	No	Yes	Yes	Maybe	Medium
Small Diameter Roundwood	Yes	Yes	Yes	Yes	Maybe	Highest



YOSEMITE  
CLEAN ENERGY



## Transportation fuels:

Liquid aviation drop-in  
fuel, hydrogen,  
biodiesel, etc.

## Heating fuel:

“generate heat to warm  
buildings or other  
facilities where people  
live, work, recreate, or  
conduct other  
activities.”

## Electric power:

Charging electric  
vehicles

ALDERFUELS



ENSYN





# U.S. Biochar Industry Convening



## AREAS OF NEED

**High-Volume  
Markets**

**Consistent  
Standards**

**Application of  
Research**

**Marketing and  
Advertising**

**Long-Term  
Support**

**Advocacy and  
Policy**



# Partnerships Matter







**MOTTO**  
— Caring for  
the Land and  
**serving**  
people



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Forest Service

U.S. DEPARTMENT OF AGRICULTURE

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