

Steven Koehn

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USDA Forest Service State, Private, and Tribal Forestry

WOOD INNOVATIONS
JUNE 2023



Building the Connection between forests and forest products!

Building
Markets and
Expanding
Capacity











WILDFIRE CRISIS

Landscape
Investments

CONFRONTING THE WILDFIRE CRISIS

Expanding efforts to deliver on the Wildfire Crisis Strategy

https://www.fs.usda.gov/managing-land/wildfire-crisis





Wood Innovations Program

• 2018 Farm Bill

- Wood Innovations grants
- Community Wood facilities grants

Bipartisan Infrastructure Law (BIL)

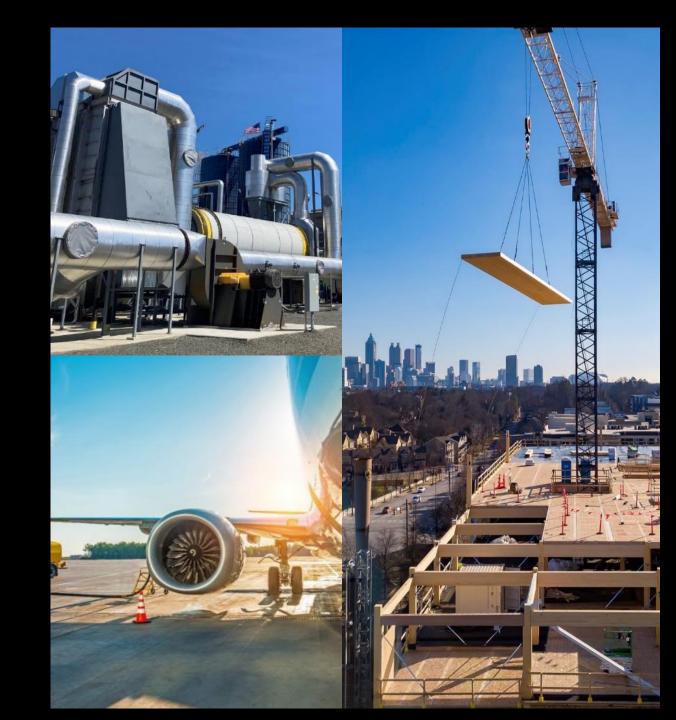
- Wood Products Infrastructure Assistance grants (Partnership with NFS)
- Temporary Water Crossings
- Firewood Banks

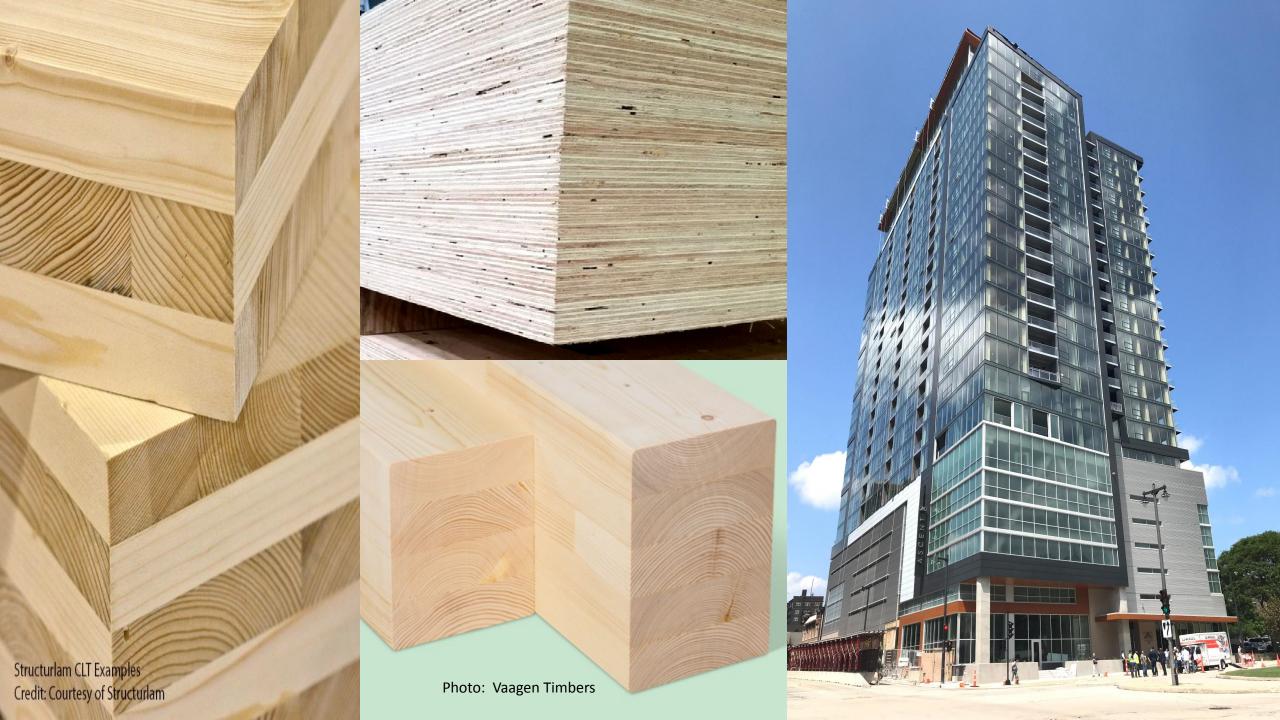
Inflation Reduction Act (IRA)

- Wood Innovations grants
- Transportation assistance

Priorities

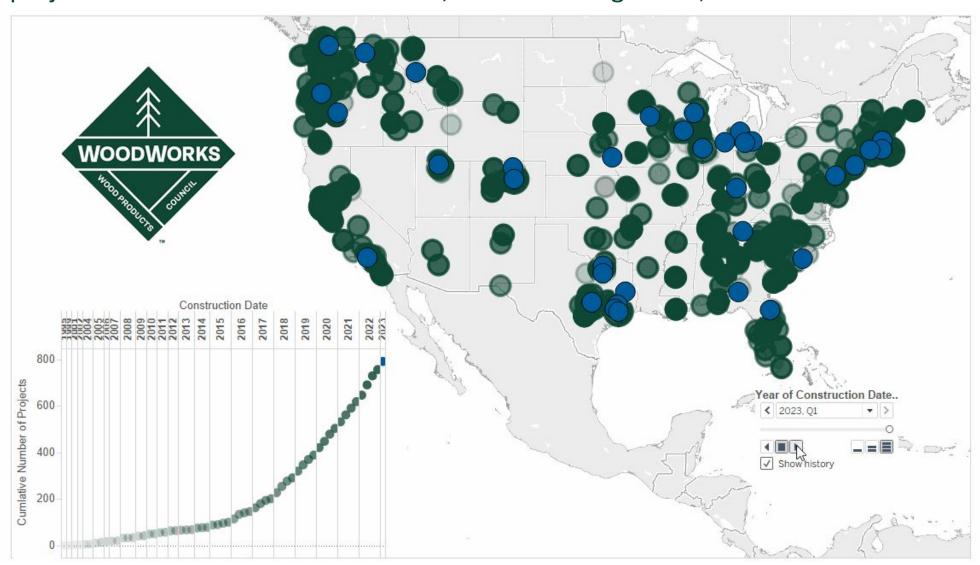
- Mass Timber and Green Building
- Biomass Priorities
 - Biomass Power
 - Biofuels
 - Biochar
- Hardwood Applications
- Logging Industry
- Firewood Banks
- Feedstock Sustainability
- Urban Wood Utilization
- Communications



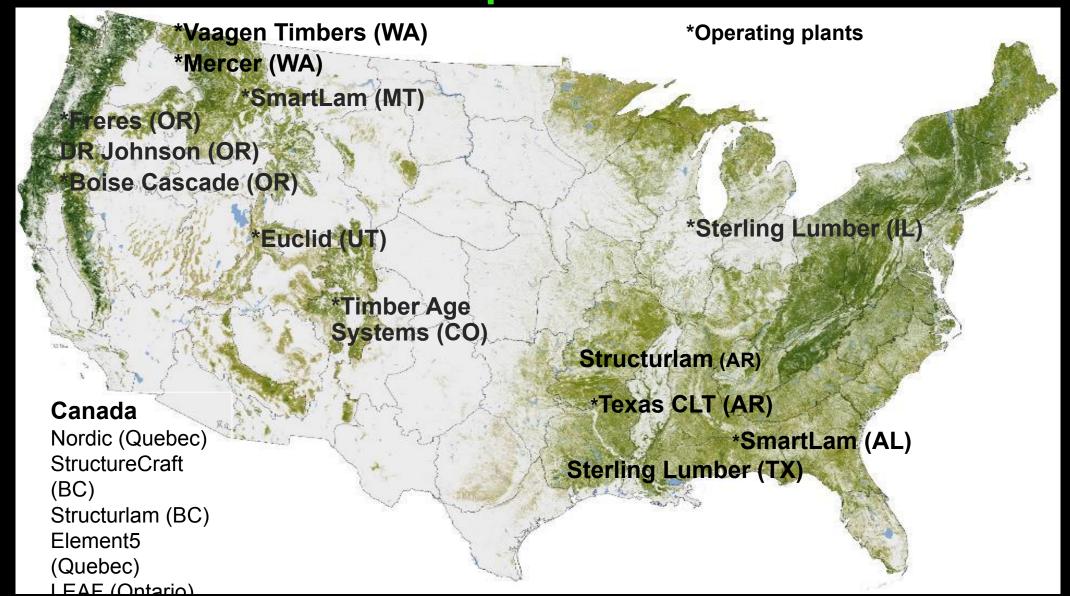


Current State of Mass Timber Projects As of March 2023, in the US, 1,753 multi-family, commercial, or institutional

As of March 2023, in the US, **1,753** 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







Biomass Power



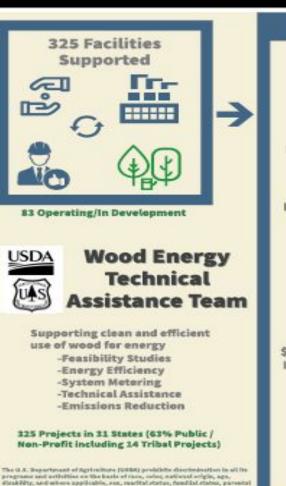


Manufacturing facilities with capacity and status, February 2023



Heating, Cooling and Combined Heat and Power Systems



































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

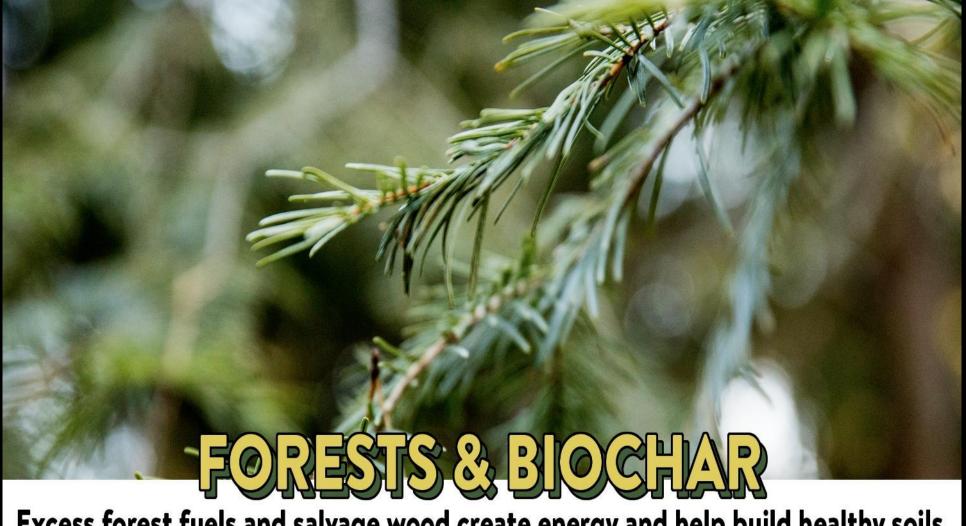
Cross Agency Team

- State, Private, and **Tribal Forestry**
- Research and Development
- **National Forest** System

Key Partners

- U.S. Biochar Initiative
- U.S. Endowment for Forestry & Communities
- Air Burners, Inc.

Help NOT Hype!



Excess forest fuels and salvage wood create energy and help build healthy soils



Restoration Fuels, John Day, Oregon





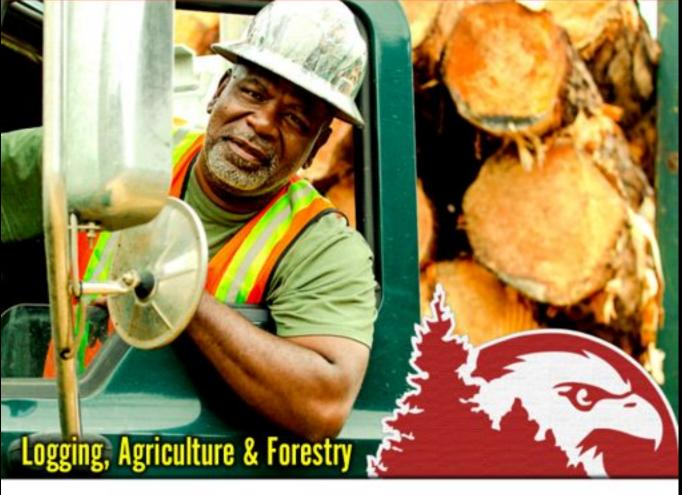






We are working with the logging industry to support markets for wood and to support workforce development.

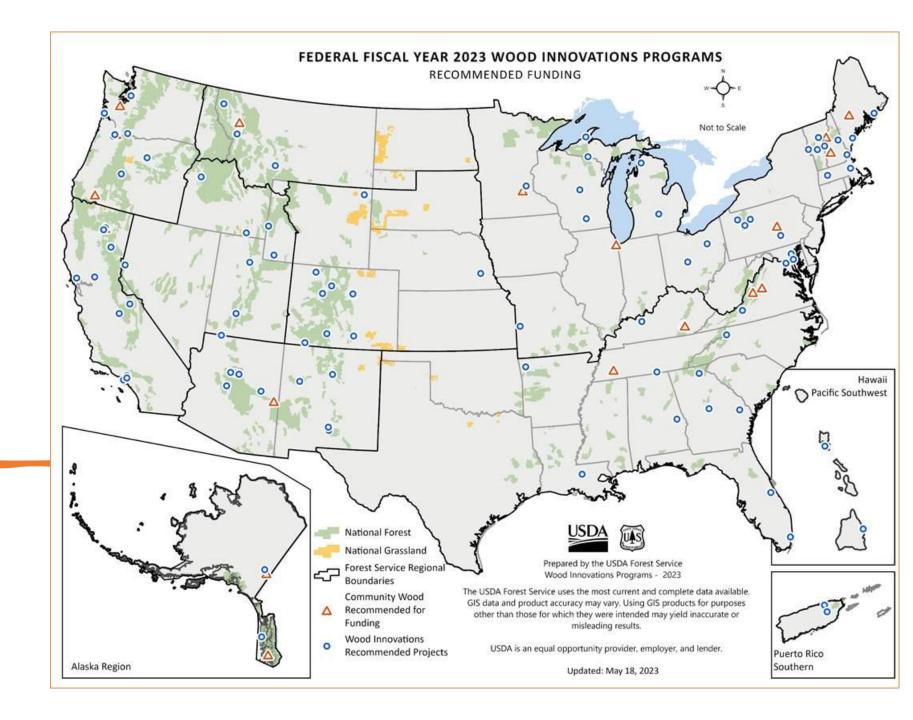
Bureau of Labor Statistics' American Time Use Survey



The Happiest & Most Meaningful Jobs on Earth

2023 Wood
Innovations
Grants,
Community
Wood Energy
Grants
(EMBARGOED)

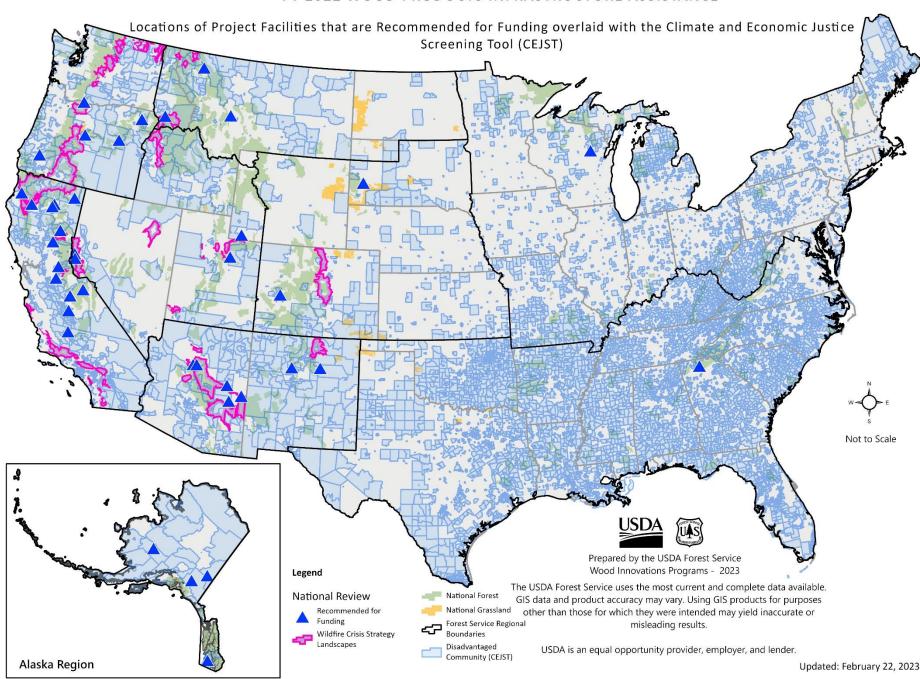
120 projects/\$43 million



We are investing **Bipartisan** Infrastructure Law funds to **support Facilities** that Use **Byproducts from Federal and Tribal** lands. 65% of the projects will support facilities in disadvantaged communities.

41 projects / \$29 million

FY 2022 WOOD PRODUCTS INFRASTRUCTURE ASSISTANCE









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