



Moving Towards the Mainstream Market Adoption of Mass Timber in the United States

Bill Parsons, PE Chief Operating Officer

June 23, 2025

Oregon State University – Cascades-Edward J. Hall, SRG Partnership, catena consulting engineers, Photo Kevin Scott

MULTI-FAMILY/MIXED-USE | EDUCATION | OFFICE | RETAIL | INDUSTRIAL | CIVIC | INSTITUTIONAL

Architects Engineers Contractors + Developers



Designing a wood building? Ask us anything.

FREE PROJECT SUPPORT / EDUCATION / RESOURCES

Nationwide support for the code-compliant design, engineering and construction of non-residential and multi-family wood buildings.

- Allowable Heights/Areas
- Construction Types
- Structural Detailing
- Wood-Framed & Hybrid Systems
- Fire/Acoustic Assemblies
- Lateral System Design
- Alternate Means of Compliance
- Energy-Efficient Detailing
- Building Systems & Technologies

woodworks.org/project-assistance | help@woodworks.org



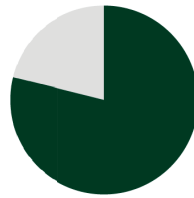
Adidas North American Headquarters
LEVER Architecture, Studio O+A (interiors)
photo: Jeremy Bittermann

NEW MARKET OPPORTUNITIES

Nearly 1.08 billion square feet of annual conversion opportunity.



Multi-Family
1-4 Stories



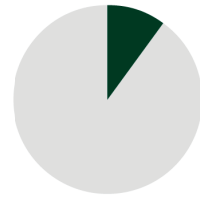
Wood: 390 mm sqft
Non-Wood: 104 mm sqft
Total: 494 mm sqft

Multi-Family
5-7 Stories



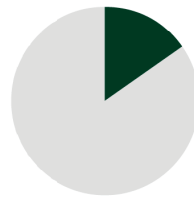
Wood: 86 mm sqft
Non-Wood: 71 mm sqft
Total: 157 mm sqft

Institutional
Education / Healthcare
Other Institutional



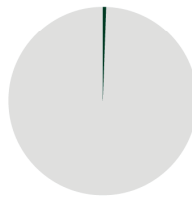
Wood: 22 mm sqft
Non-Wood: 194 mm sqft
Total: 215 mm sqft

Commercial
Stores / Offices
Hotels / Motels



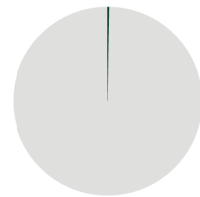
Wood: 28 mm sqft
Non-Wood: 154 mm sqft
Total: 182 mm sqft

8+ Stories



Wood: 0.7 mm sqft
Non-Wood: 84 mm sqft
Total: 84 mm sqft

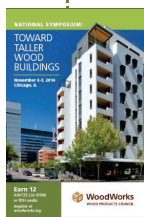
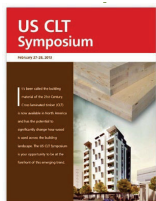
Warehouses



Wood: 2 mm sqft
Non-Wood: 477 mm sqft
Total: 479 mm sqft

Source: WoodWorks, Dodge Analytics 2023

Brief Timeline of WoodWorks Efforts to Expand Mass Timber Construction



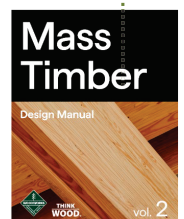
Continued partnership at Mass Timber Conference
Free passes to expand mass timber to every part of the US

Mass timber education events

Dedicated WoodWorks Tall Wood position and ongoing project support.

LAUNCH: **W | N** WOODWORKS INNOVATION NETWORK.ORG

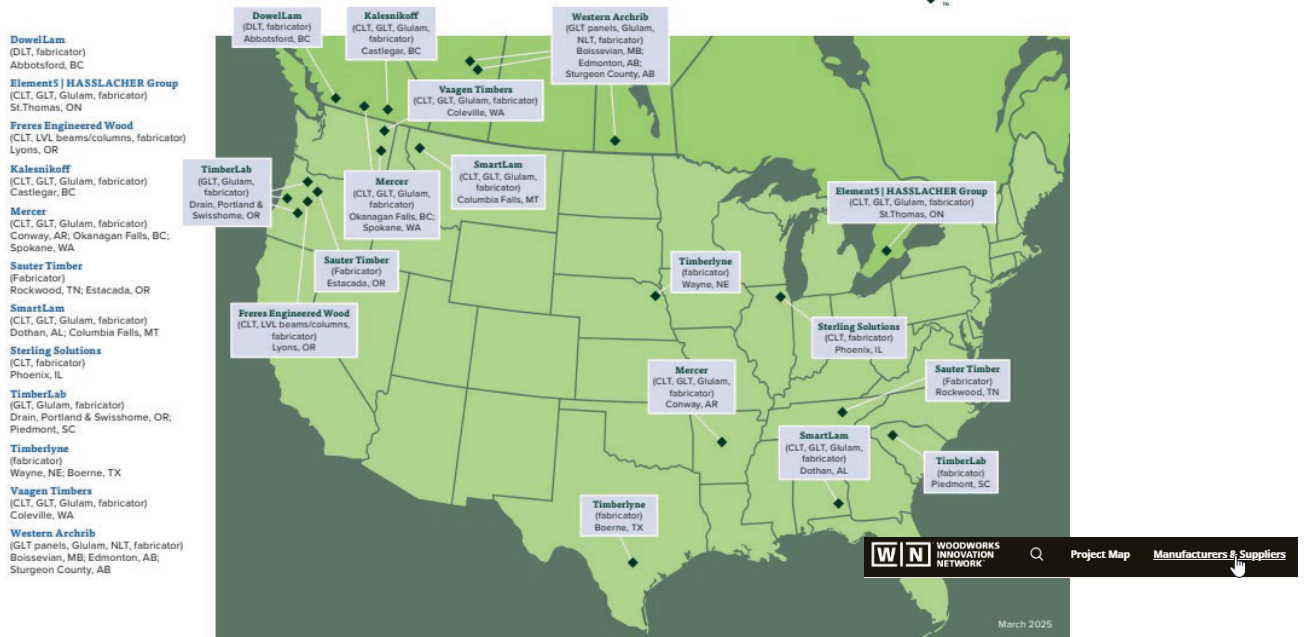
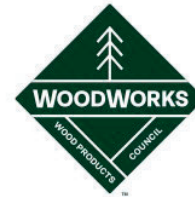
← Over 30 WW mass timber papers and case studies published →



Mass Timber Manufacturer & Fabricator Locations

As a non-profit, WoodWorks is supported by these manufacturers and fabricators through our Partner Program. They represent the mass timber industry, and it is through their support that WoodWorks offers technical resources, educational programming, and free project assistance to teams building with wood.

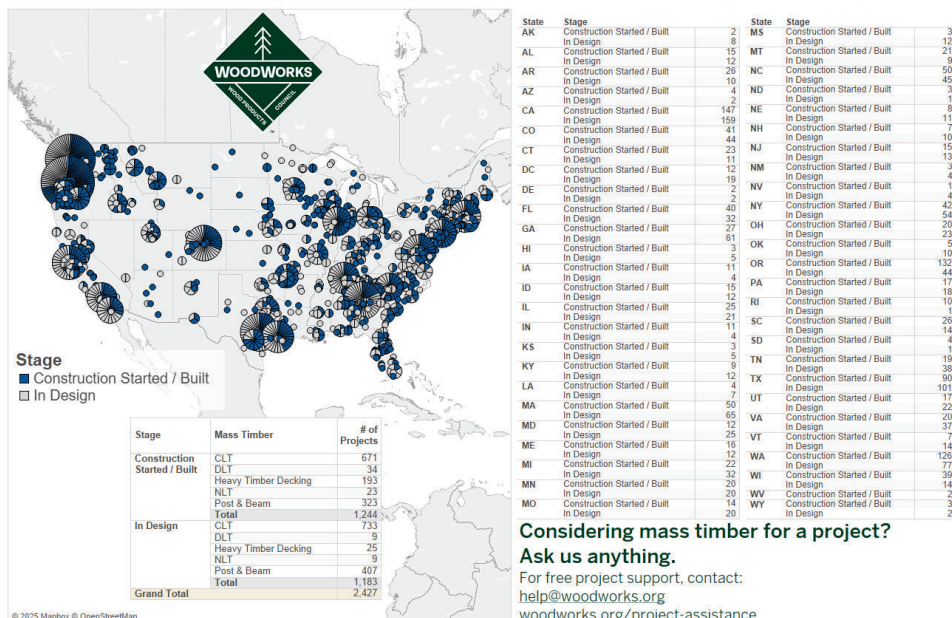
Visit the woodworksinnovationnetwork.org (WIN) to get company contact information and to see their projects built or under construction.



Current State of Mass Timber Projects

As of Q1 2025, in the US, **2,427** multi-family, commercial, or institutional projects have been constructed with, or are in design with, mass timber.

Mass Timber Projects In Design and Constructed in the US (March 2025)



Scan this code or use the url to find the map and more details online.



www.woodworks.org/resources/mapping-mass-timber/

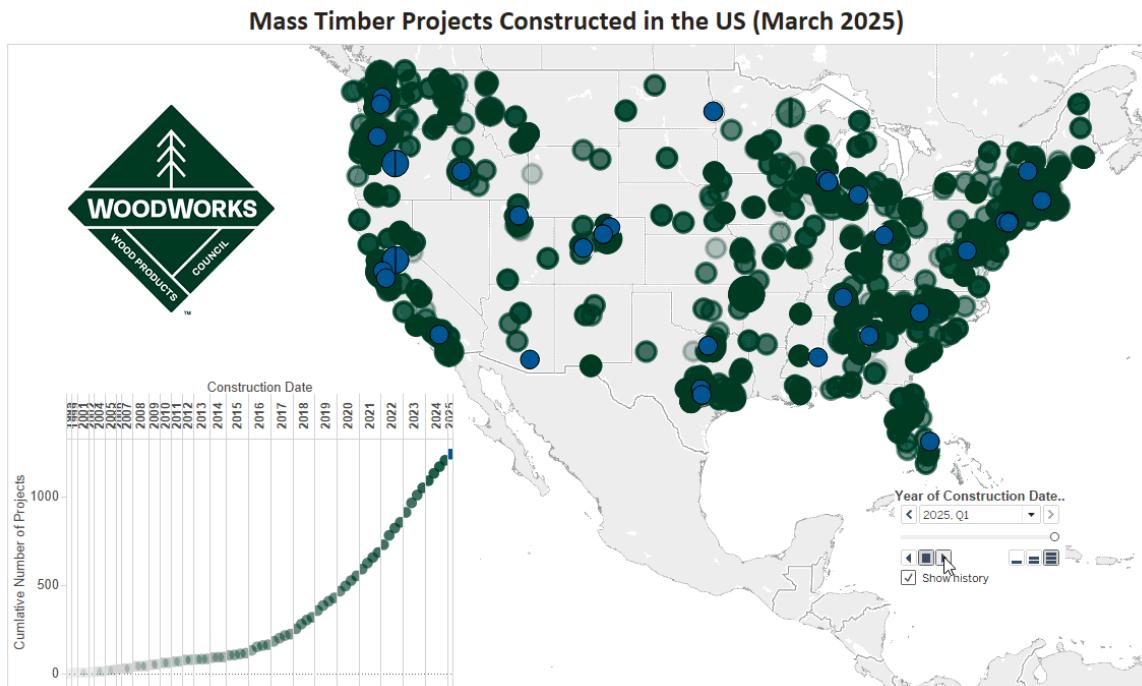
Considering mass timber for a project?

Ask us anything.

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help@woodworks.org
woodworks.org/project-assistance

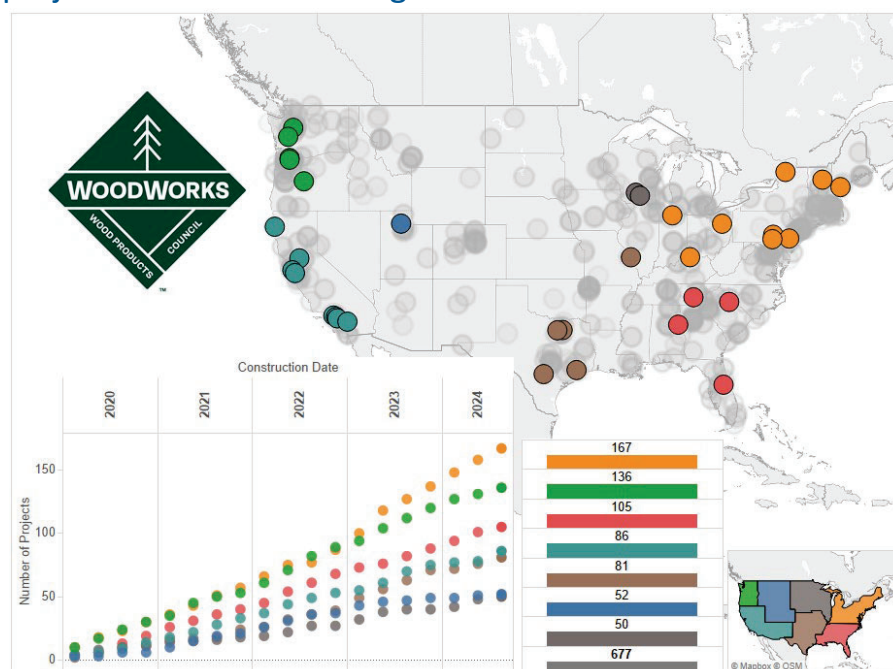
Current State of Mass Timber Projects Over Time

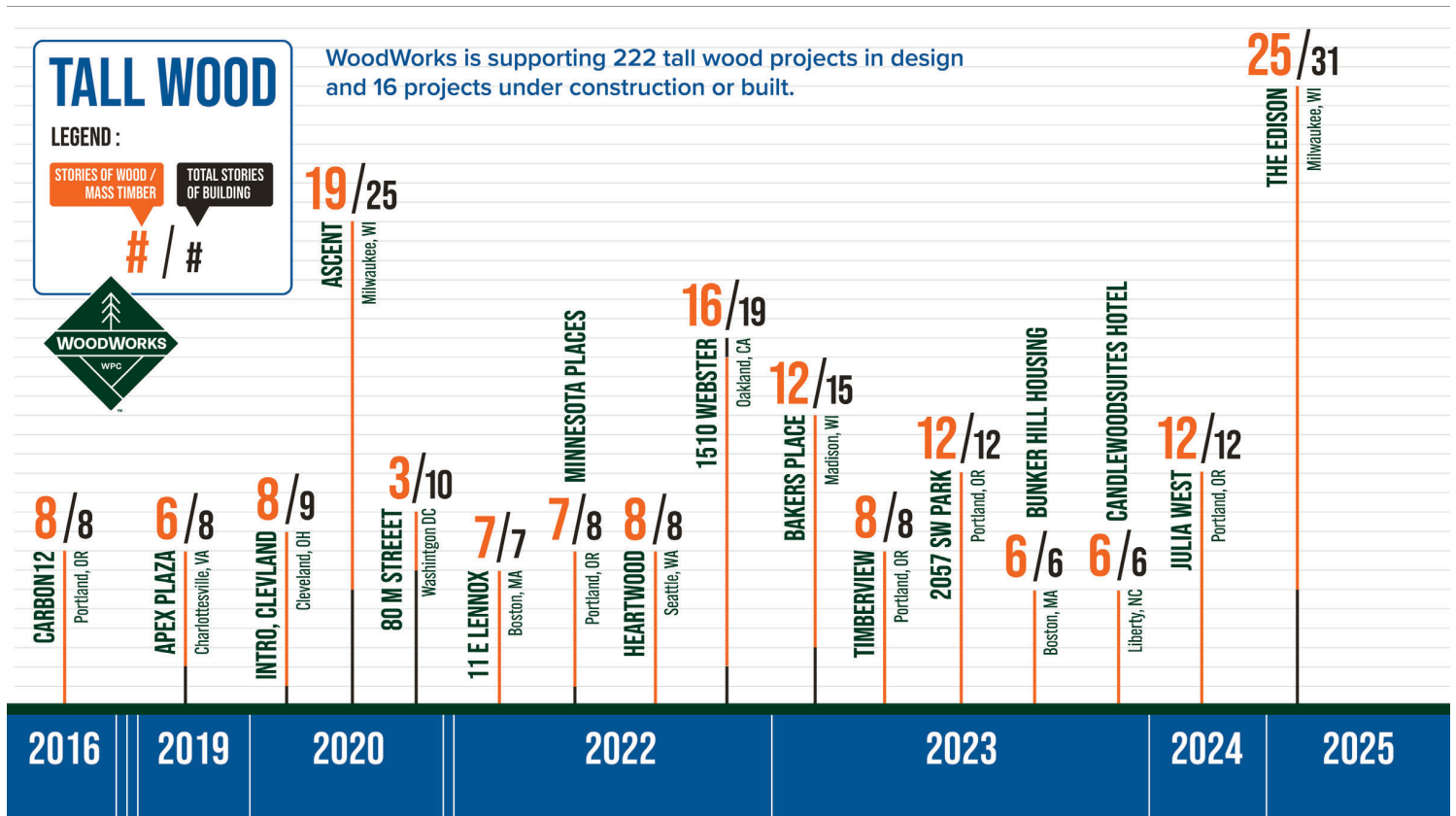
US Market Q1 2025

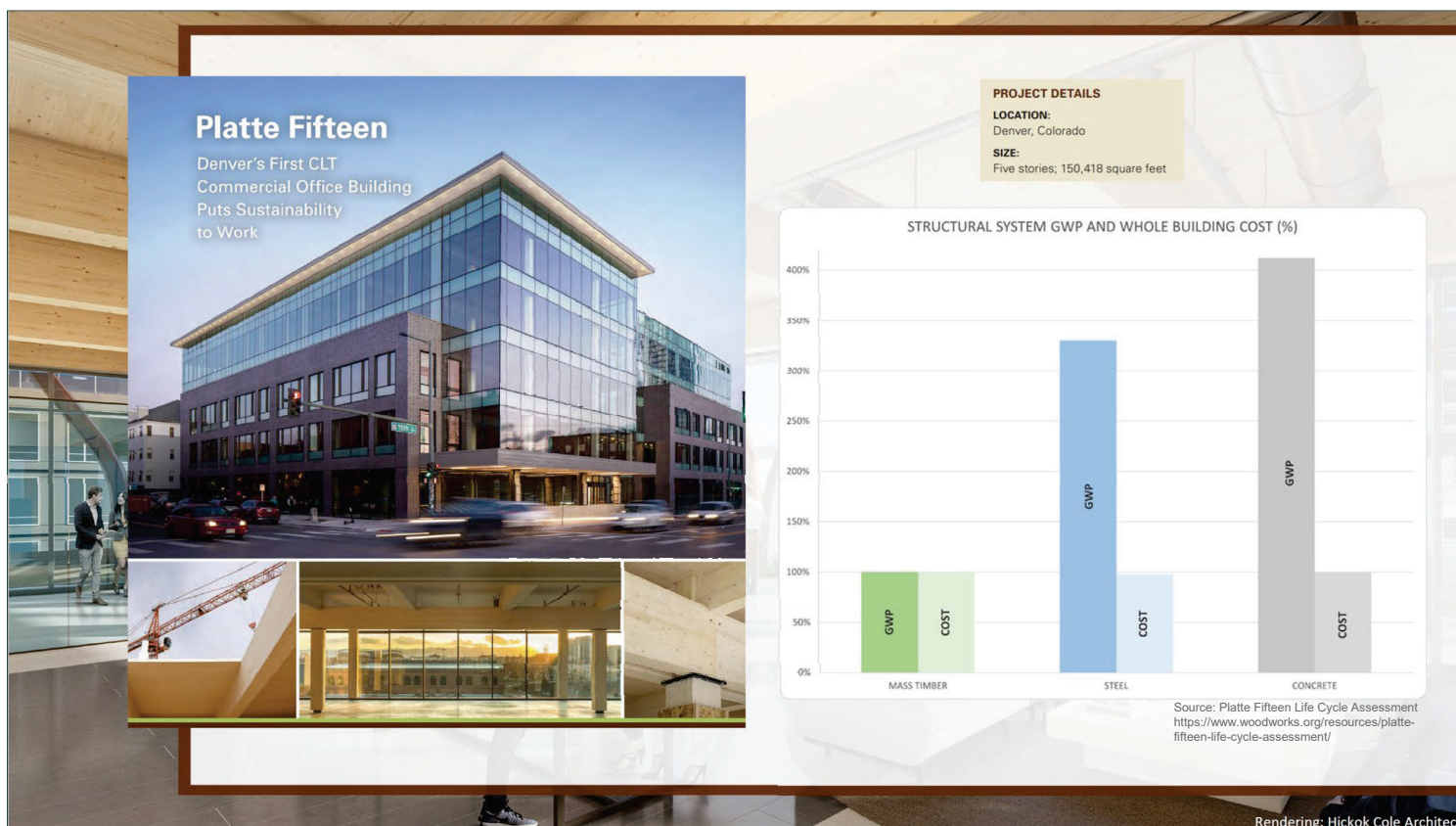


Current State of Mass Timber Projects Over Time

The pace of constructed projects in the Northeast (defined by orange states below) has constructed more projects than the other regions.







WoodWorks Innovation Network



See what's happening
in the network

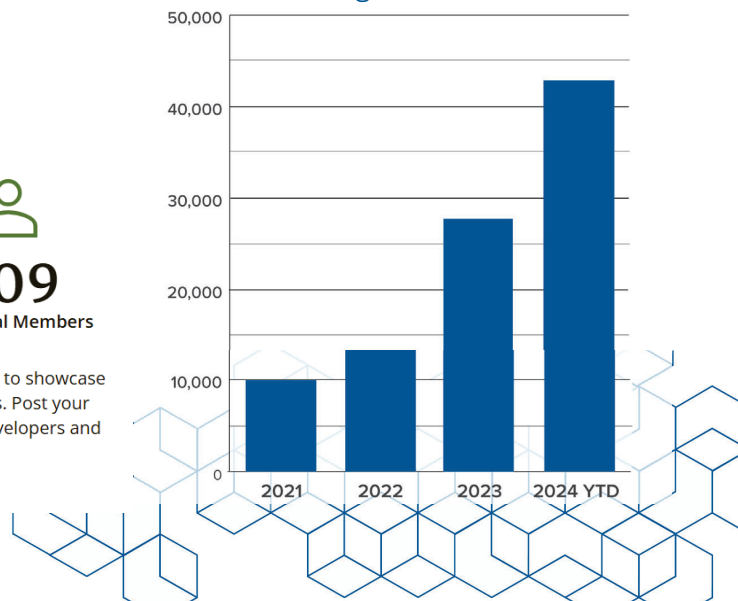
984
Projects

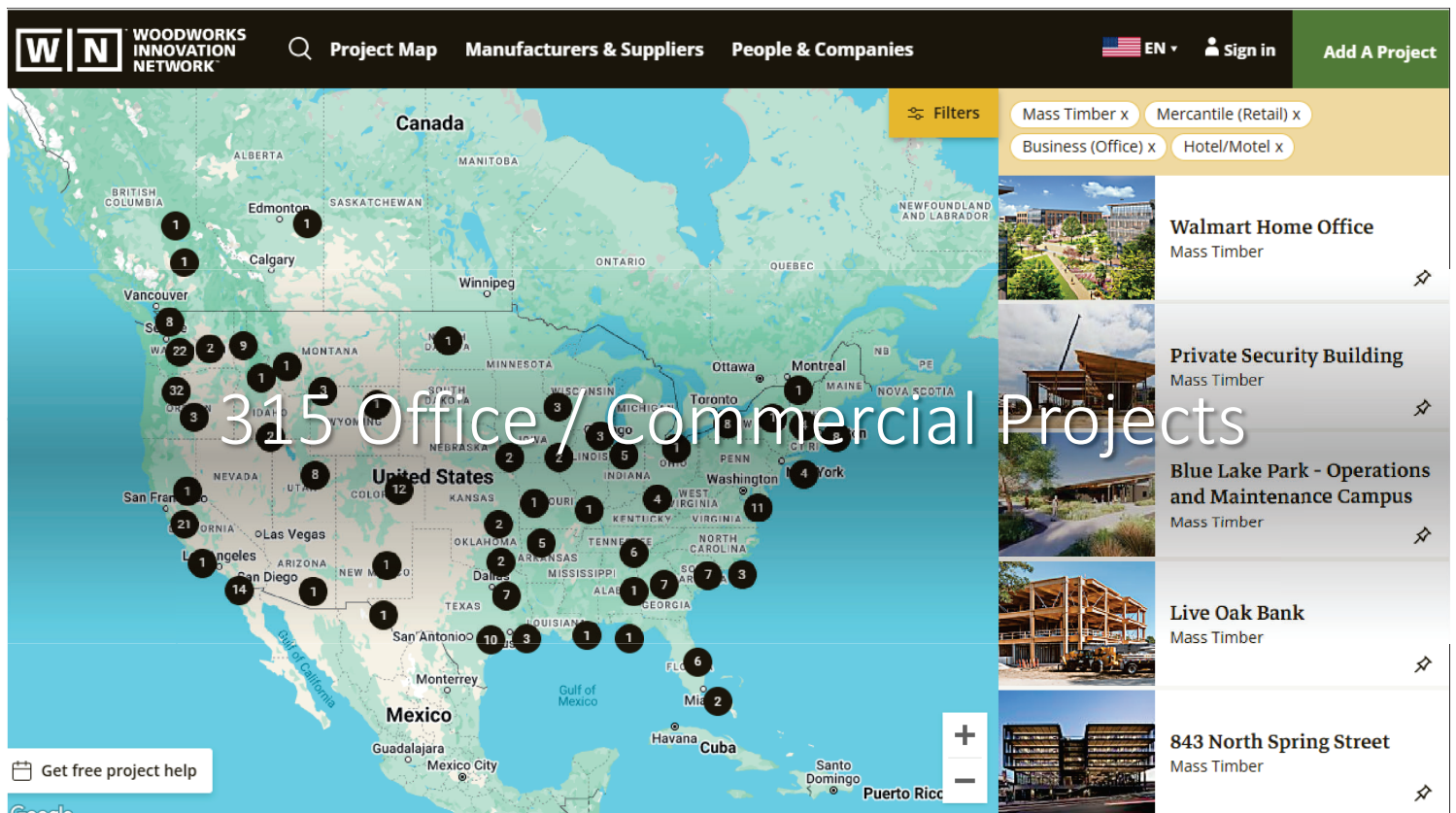
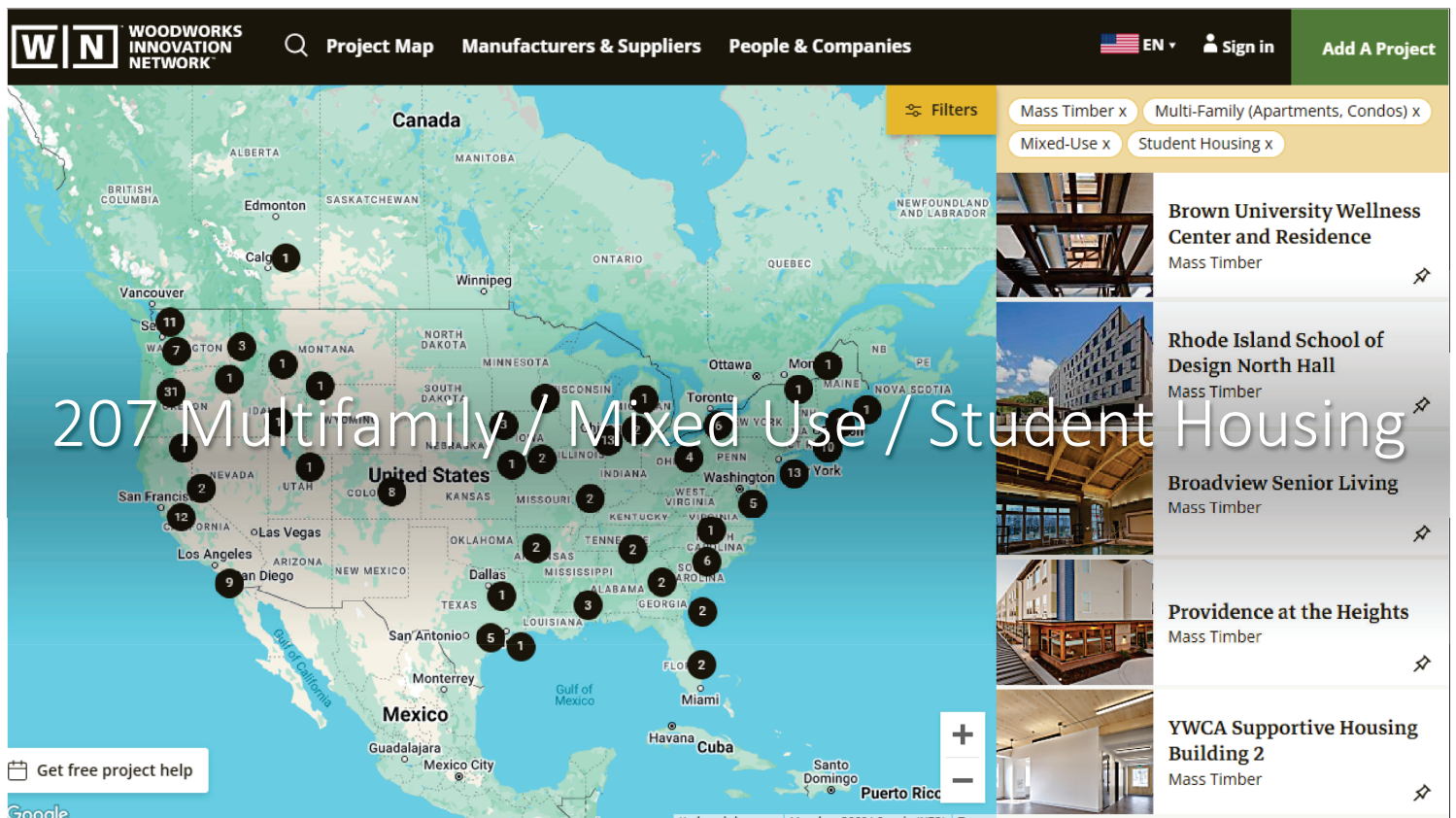
140
Companies

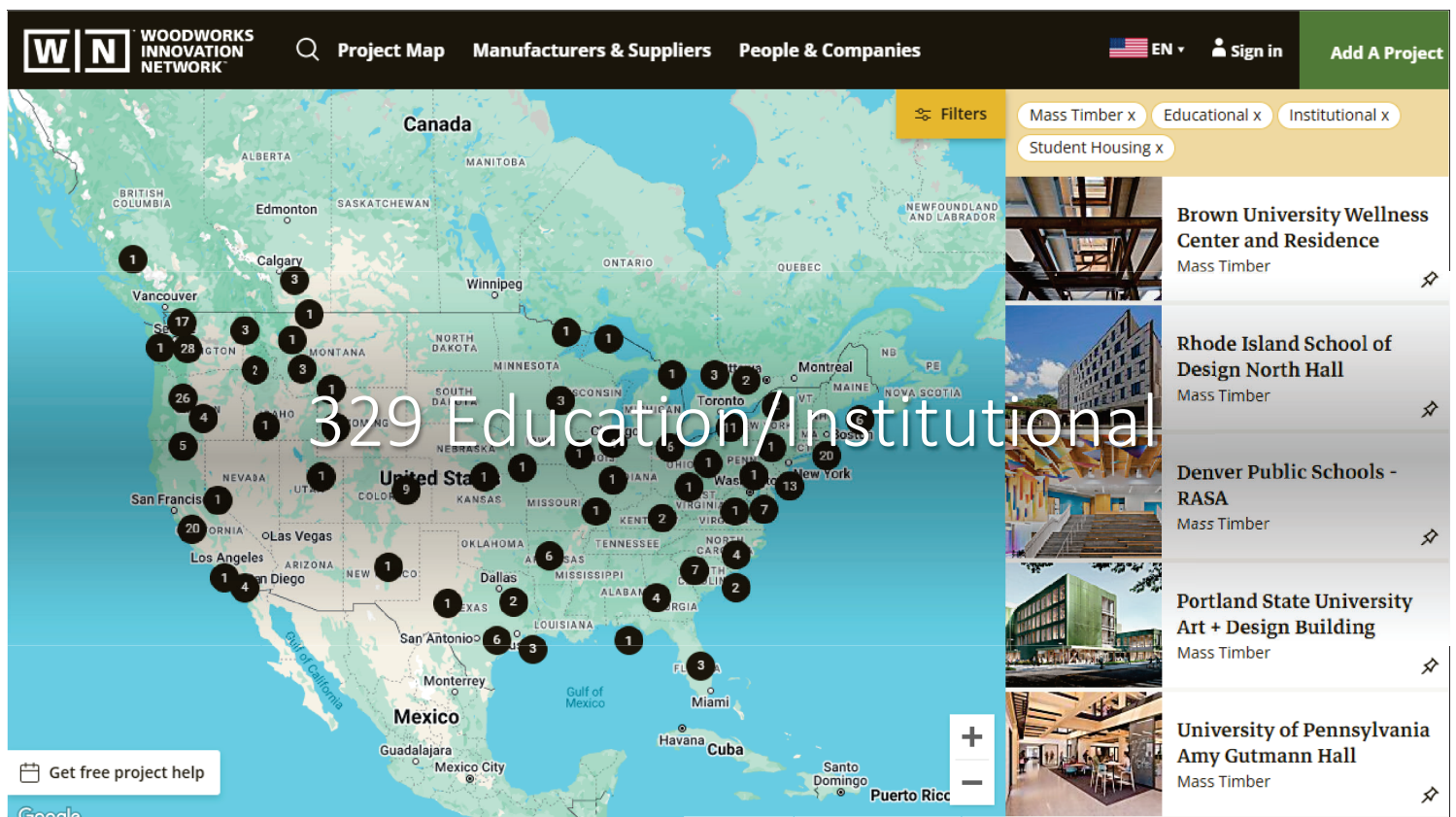
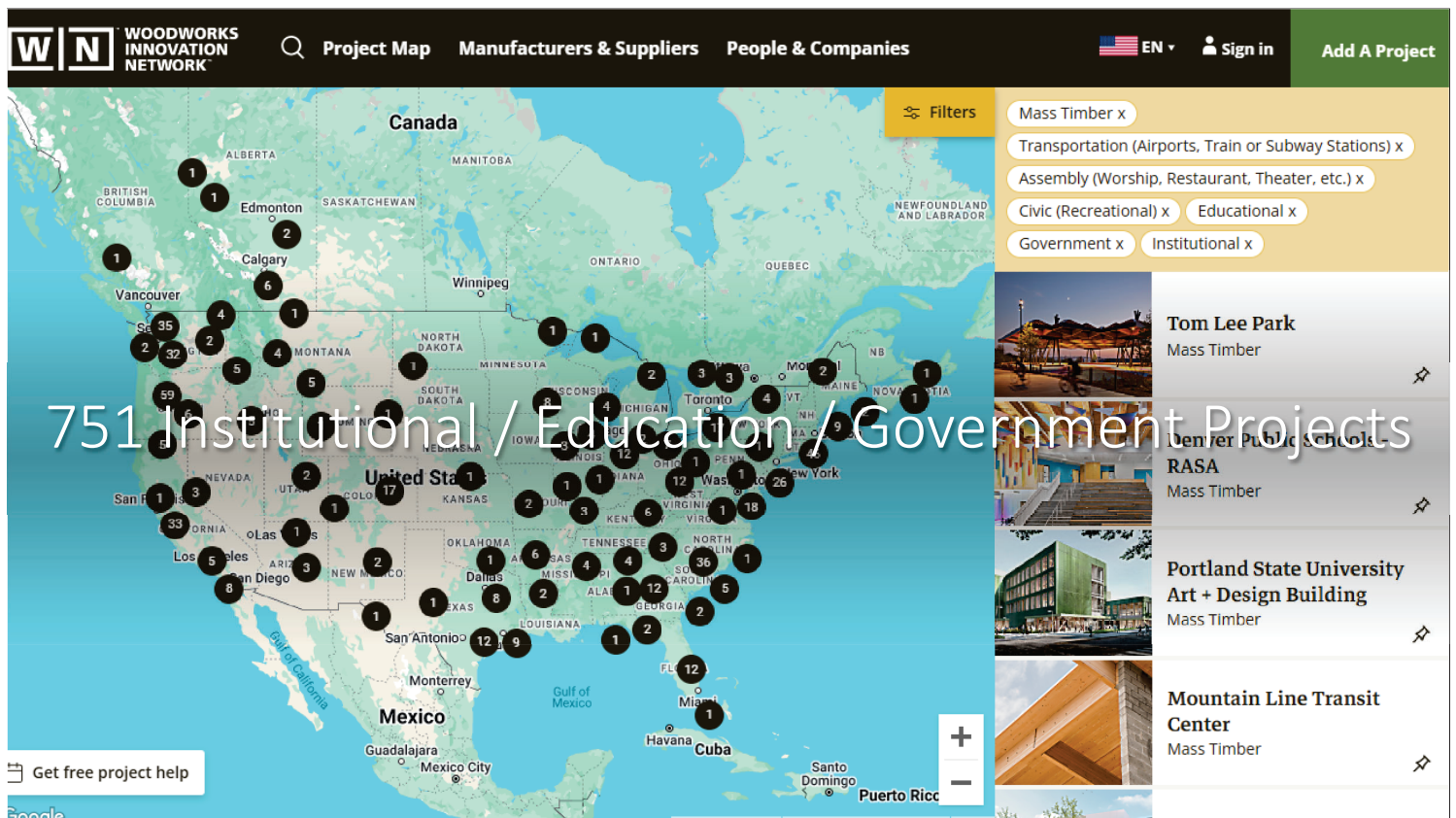
309
Individual Members

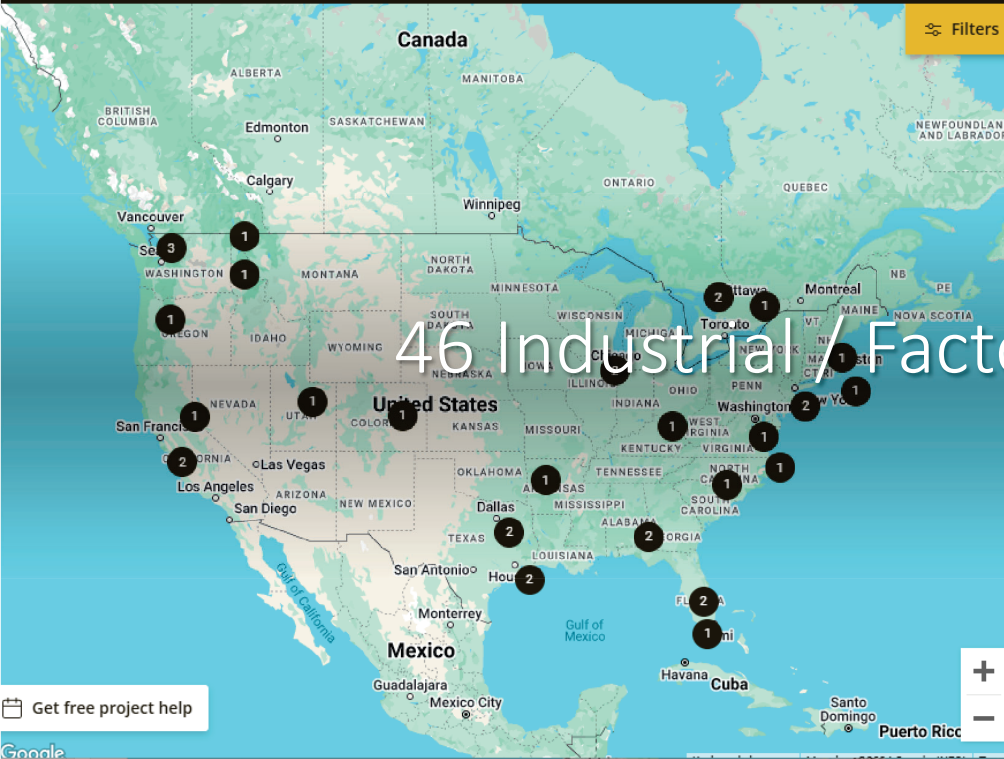
Membership in the WoodWorks Innovation Network allows you to showcase your skills with mass timber and other wood building systems. Post your projects and experience for the opportunity to engage with developers and others who may want to collaborate on projects.

WIN Average Monthly Page Views









Filters

Mass Timber x

Factory/Industrial (warehouse, storage, parking, etc.) x



Salt Lake City Department of Airports Glycol Plant and Wildlife Services Building
Mass Timber



Lone Oak Reyes Holdings
Mass Timber



The Marine Coordination Center
Mass Timber



Micron Technology Building
Mass Timber



Salvagnini Industrial Showroom Expansion
Mass Timber

Get free project help



Boise Fire Station #13

Boise, ID



Rice Fergus Miller/
pivot north



Boise Fire Station #13 is the first mass timber Fire Station in Idaho! The City of Boise, Pivot North and Rice Fergus Miller, KPFF have collaborated with the build/supply team of Core Construction, R&L Framing, and Western Wood Structures to deliver the first mass timber Fire Station in Idaho.

The 10,500 SF station includes three apparatus bays, six sleep rooms, and a satellite police reporting office, which will boost efficiency and communication among the city's first-responding teams. The roof and some interior walls will utilize CLT (Cross Laminated Timber) panels, produced with locally harvested wood in Montana from SmartLam North America. All materials were selected, and spaces were designed with trauma-informed design principles as the foundation of decision-making. The App Bay is beautiful wood showcase with (2) Hybrid Glulam/Steel trusses at 18' on-center supporting the 60'x80' roof, complemented by Sply CLT spanning between trusses and CMU walls.

The building meets the City of Boise Green Building Code, complying with the city's strategy to provide carbon-neutral facilities by 2050. The station will be the first 100% electric facility and will accommodate eight vehicle charging stations and a future PV Array for electric engines.

PROJECT DETAILS

YEAR BUILT	NUMBER OF STORIES
2025	1
BLDG SYSTEM	SQUARE FOOTAGE
Mass Timber	10500

CONSTRUCTION TYPE:

V-B

BUILDING TYPE:

Institutional

MATERIAL TYPES:

Mass Timber

Cross-Laminated Timber (CLT)

Glue-Laminated Timber (GLT or glulam)

Structural Composite Lumber (e.g. LVL and LSL)

PROJECT TEAM

KPFF Consulting Engineers

Engineer of Record

Western Wood Structures

Manufacturer of trusses

Simpson Strong-Tie

Fasteners & Hardware

SmartLam NA

CLT Roof & Walls

Wilson Antonio

Mass Timber Supply and Modeling

Core Construction

GC

Pivot North

Architects

R&L Framing

Installer

RedBuilt

Engineered Wood (I-joint, LVL)

tad Bradley

Architect



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