

US EDA Tech Hub Federal Grant Opportunity

EDA-TECHHUBSPHASE2-2023

Oregon Department of Forestry

PNW Mass Timber Tech Hub

Federal Fund Request: \$8M

Marcus Kauffman

Biomass Resource Specialist

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TECH HUBS

U.S. Economic Development Administration

EDA Regional Technology and Innovation Hubs (TECH HUBS)

- Funded by CHIPS and Science Act of 2022
- Authorized at \$10B, appropriated at \$500M
- PNW Mass Timber Industry designation as an EDA Tech Hub in October 2023
- Recognition of region's plan to become a global leader in 10 years
- Competing for up to \$70M in federal funds over 5 years



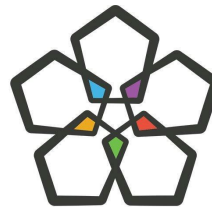
PNW Mass Timber Tech Hub



Washington State
Department of
Commerce



Seattle

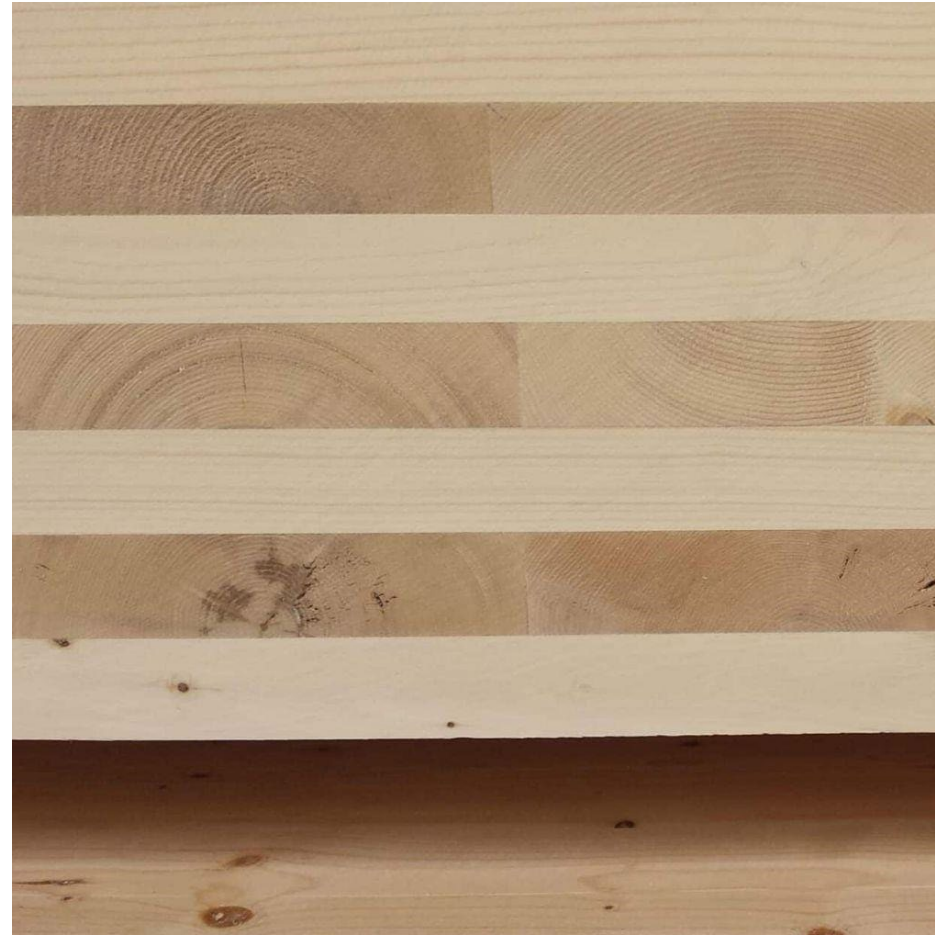


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PORTLAND**



What is Mass Timber?

Mass timber is an umbrella term to describe engineered wood products that consist of multiple layers of lumber, joined together by glue or other fasteners that form solid timber panels or beams.



OREGON MASS TIMBER COALITION



Proposed Plan



- OSU lead entity
- Five component projects
 - OSU: Mass Timber Innovation Accelerator
 - ODF: Fiber Supply Program
 - UO: Prefabricated Systems Program
 - OSU: Digital Public Infrastructure and Forestry Workforce
 - Port of Portland: Mass Timber Innovation Center at Terminal 2



Oregon State
University

Mass Timber Innovation Accelerator

- Home to team of specialists
- Addressing industry barriers
 - Access to capital and investment
 - Workforce development
 - Product standards and certification
 - Convening and connecting across the region
- Supporting innovation
 - Innovation de-risking fund
 - Generate and support open-source data
 - Produce annual market scans



Fiber Supply Program

- Provide small diameter fiber and improve forest resilience
- Partnerships on Rogue River-Siskiyou and Gifford Pinchot national forests w/WDNR
- Support tribal partners and enterprises
- Increase supply chain transparency via track and trace efforts w/Sustainable Northwest





Prefabricated Systems Program

- Diversify mass timber industry
- Commercialize prefabricated housing
- Technical assistance model
- Demonstration projects





Digital Public Infrastructure and Forestry Workforce

- Open-source wood supply mapping to enhance opportunity and transparency
- Innovative technologies to improve workplace safety in forestry and construction industries
- Forestry operations certificate program





Mass Timber Innovation Center at Terminal 2

- Builds on Terminal 2 Mass Timber Innovation Campus
- Physical home for Tech Hub team
- Demonstration, meeting, event space
- Access to entrepreneurial development and technical assistance

