

MOSAIC TIMBER

Mosaic Timber is building the first cross laminated timber (CLT) factory in the State of California. It will be smaller than typical mass timber factories built in North America to allow for locating production in areas unlikely to host large factories and provide multiple strategic benefits.

Mosaic Timber is a partnership between The Sierra Institute for Community and Environment based in Taylorsville, California and Mass Timber Strategy based in Washington, DC. It is an outgrowth of a longstanding collaboration and based on a comprehensive study of the industry for California for the purpose of developing community-scale mass timber production.

The first Mosaic Timber production facility will be located at the Indian Valley Wood Utilization Campus in Crescent Mills, California. This campus was established by the Sierra Institute and hosts a range of forest product businesses including, a chip operation, firewood production and a sawmill that will be a primary source for the CLT plant.

A RECOVERING COMMUNITY

Following the 2021 Dixie Fire and the need to rebuild homes and other structures in Greenville and nearby communities, the immediate focus for the utilization campus turned to milling burned timber and mass timber production. The Institute rapidly began looking at the feasibility of building mass timber homes as part of community recovery and home hardening. Planning and design work was begun immediately. Utilizing the expertise of architects atelierjones, the first three Mosaic Housing mass timber homes were designed and erected. Additional structures are in the production pipeline for 2023.

At the same time, we also began a detailed investigation into the creation of Mosaic Timber to manufacture and supply mass timber used on our Mosaic Housing structures. This was done with the goal of using locally harvested timber from fire treatment projects milled into lumber at our new mill and supplemented by lumber from other restoration projects.

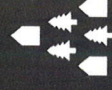
This year-long evaluation was strengthened by the Sierra Institute's direct study of mass timber for the state of California, Mass Timber Strategy's extensive experience in the sector, and the engagement of an engineer with years of experience overseeing mass timber production. This combination of attributes has uniquely positioned the team for success.

SMALL SCALE MASS TIMBER

As part of the Mosaic Timber evaluation, we conducted a detailed review of community-scale CLT technologies. We are mindful that we are creating a scale of CLT production that has never been done before in North America. We believe it is a production model that will be broadly applicable to diverse forest communities and a valuable addition to the mass timber landscape.

Our overall plan is to continue the Dixie Fire rebuild while also creating the CLT plant to supply it and other nearby building projects. Mosaic Timber and Mosaic Housing will work hand in hand to achieve this critically important work.

As we launch, we will also be considering expansion of the Mosaic Timber model into other locations within California and beyond. We are assessing most appropriate avenues and locations for additional Mosaic Timber locations.



Sierra Institute
for Community and Environment

COMING SOON

Sustainable, small-scale mass
timber in the Sierra Nevada



Sierra Institute
for Community and Environment

ADDRESS

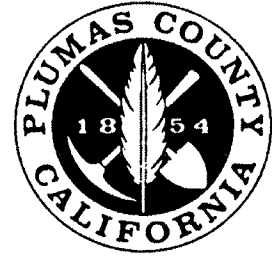
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MOSAIC TIMBER

CALIFORNIA PRODUCED
MASS TIMBER



BOARD OF SUPERVISORS

November 21, 2023

U.S. Department of Commerce
1401 Constitution Avenue, NW, Suite 71014
Washington, DC 20230

To Whom It May Concern:

The Plumas County Board of Supervisors is pleased to support the Sierra Institute for Community and Environment's proposal to the Economic Development Administration Disaster Supplemental Funding for Mosaic Mass Timber: Launching Mass Timber Manufacturing in California. This is precisely the kind of business Plumas County supports because of the need to scale up local forest restoration efforts and generate value-added products from small-diameter trees and other woody biomass. This project will improve forest health, reduce the risk of catastrophic wildfire, and improve poor socioeconomic conditions in an impoverished local community in which the timber industry has historically had a strong presence.

Plumas County prioritizes mill and other wood manufacturing in the County General Plan. Our economy is based on the wood products industry, along with ranching and tourism. The devastating Dixie Fire and Beckwourth Fire in 2021, the North Complex Fire in 2020, and numerous others make clear that we need more facilities to improve the management of our forests, particularly the federal forests that make up two-thirds of the County. Plumas County is pleased to have worked with the Sierra Institute on installing a biomass boiler that uses wood chips to heat the County's Health and Human Services Center.

Plumas County partnered with the Sierra Institute supporting with matching funds to build the first full cross laminated timber (CLT) building in the State of California that houses the biomass boiler. It's not only the first of its kind, but it represents an excellent example of the use of CLT technology and reflects the values of Plumas County. We benefit not only from using forest waste to power the biomass boiler that produces heat and electricity but by using the less expensive wood chips to power the boiler compared to fossil fuels.

Indian Valley needs Mosaic Timber to further develop the Woods Utilization Campus in Crescent Mills. The Board of Supervisors is particularly pleased that the Sierra Institute secured funding for a sawmill at its campus site to process wood burned in the Dixie Fire and produce lumber for rebuilding Greenville and other towns destroyed by the Dixie Fire. We support further build-out of the Crescent Mills Wood Utilization Campus through the proposed Mosaic Mass Timber Production facility. Plumas County needs the additional jobs, particularly in light of the loss of the business district in Greenville and elsewhere, and the loss of tourism associated with the pandemic. The County and Indian Valley are rebuilding and Mosaic Timber is exactly the kind of effort needed to offer family-wage work and help Plumas County, Indian Valley, and Greenville thrive.

We strongly urge your support for this proposal and look forward to supporting the Sierra Institute for Community and Environment as they advance this work.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Hagwood", is written over a horizontal line.

Greg Hagwood, Chair
Plumas County Board of Supervisors