

## Cross-Laminated Timber (CLT)

Evergreen has been at the forefront of CLT manufacturing plant engineering in the U.S. from the beginning, assisting our clients in the lumber manufacturing space with project charter, preliminary engineering, and pro forma studies to enable this next-generation wood product to scale up in well-designed production facilities.



Throughout the Northwest and across the nation, our clients rely on our technical expertise for process design, equipment selection, project envelope, and balance of plant engineering to bring their visions to reality. Currently in various phases of development, Evergreen is designing three separate facilities with significant degrees of automation, innovation, and unique challenges.

Clients are confidential at this time but we look forward to announcing these projects along with our clients and partners.

## Laminated Veneer Lumber (LVL)

Evergreen Engineering has developed and designed more than a dozen greenfield LVL facilities, including the world's largest In Torzhok, Russia. Our design parameters included:



- New plant, multiple LVL presses
- Veneer drying and grading
- LVL cut-up, stacking, bundling
- Building modification and additions
- Pollution control equipment
- Layouts, design, and construction management
- New thermal oil systems

## Glu-lam Beams

Evergreen has partnered with glu-lam manufacturers on a number of projects, including both facility engineering and product engineering, ensuring that the custom manufacture of this mass timber mainstay is structurally and economically sound. If you are considering the addition of glu-lam capability to your lumber or mass timber operation, Evergreen Engineering can help.

