

# More With Less: An Overview of the First CLT Hotel in the United States

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## ABSTRACT

"The availability of cross laminated timber (CLT) in the U.S. is causing some designers to rethink traditional construction practices – and one progressive development company is helping to lead that charge. For the recently completed Candlewood Suites Hotel at Redstone Arsenal, Alabama, Lend Lease explored the use of CLT for improved construction efficiency and performance. The four-story, 62,688-sf project utilized CLT for nearly all floor, roof and wall framing, making it the first mass timber hotel in the country. This presentation will review the economic, environmental and social benefits realized through the use of CLT on this project, and address CLT's viability as a market changing technology. Lessons learned during the design and construction processes will be discussed, as will some of the perceived hurdles and associated solutions related to using CLT as a whole building system."

## BIOGRAPHY

**Jeff Morrow** is a Program Manager for Lend Lease specializing in construction. Prior to leading the construction of new Lend Lease hotels for the Privatization of Army Lodging (PAL) program, he was Senior Project Engineer at Fort Campbell, KY, where he pioneered new approaches to energy and resource conservation in Lend Lease's groundbreaking Zero Energy Homes project. This project provided a creative and viable strategy for achieving real change in the environmental impact of Lend Lease buildings. Jeff earned a B.S. and M.S. in Building Construction Management from Purdue University. In 2013, he was recognized by Professional Builder Magazine's "40 Under 40" awards.