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Our aim is to preserve cultural properties and to build new traditional wooden building from an engineering perspective.

Five-story pagoda of Joanji Temple (2019/Yamagata)
A wooden five-story pagoda has no record of collapsing due to an earthquake. Based on the knowledge gained from seismic observation, shaking table tests and structural analysis of seismic performance, we have developed an earthquake resistant design. A newly designed five-story pagoda was built. The five-story pagoda was born here, combining the empirical knowledge of carpenters and the engineering knowledge of researchers. The team will continue to observe the completed five-story pagoda as they continue to investigate traditional wooden construction techniques.

Timberize City
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We are proposing the future of timber construction built in urban areas.

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