



# Lighthouse Joensuun

## Joensuu, Finland

Stora Enso is currently the provider of the solid wood elements of the 48-meter-high building situated in Penttilänranta, an area in the city of Joensuu (Finland). Building materials CLT (Cross Laminated Timber) and LVL (Laminated Veneer Lumber) by Stora Enso are particularly light-weight, yet strong – ideal for use in the construction of high-rise buildings. The project named “Light House Joensuu” will accommodate students in a total of 117 apartments after its completion scheduled for autumn 2019. Once completed, the 14-storey building will be Finland’s tallest wooden high-rise building.

### Residential Multi-storey Building Concept by Stora Enso

Multi-storey buildings in massive wood are high-performing, renewable structures that can help to meet the growing demand for new urban buildings and more efficient, sustainable construction.

[Click here to learn more about our residential multi-storey building concept.](#)

### General

**Delivery year**  
Under Construction

**Building type**  
Flats

**Storeys**  
14

**Units**  
117



Photo credit: Stora Enso, Tiina Nykänen

### Products

**Products**  
CLT, LVL

**Product quality**  
Non visible quality (NVI)

**Product volume (m<sup>3</sup>)**  
2 100

**Product delivery duration (weeks)**  
29

**Number of truck deliveries**  
46



Photo credit: Stora Enso, Tiina Nykänen



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 **Team**

**Developer**  
Joensuun Elli

**Architect**  
Arcadia Oy

**Structural Engineer**  
A-Insinöörit

**MEP Designer**  
Lämpökarelia Oy & Sähkö Saarelainen

**Main contractor**  
E Reijonen Oy

**Specialist Timber Contractor**  
E Reijonen Oy



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 **Others**

**Total construction development duration (months)**  
20

**Timber superstructure erection duration (weeks)**  
22