



StoraEnso

Lintuviita

Seinäjäki, Finland

The six-storey Lintuviita residential building has been completed in winter 2013 and is currently the highest wooden building in Finland. This project is based on Stora Enso's wooden modular elements prefabricated in our Hartola unit. Modular construction means construction with prefabricated housing modules. This reduces construction time by up to 50 – 70 % compared to traditional construction. Modular construction is fast and efficient. The modules are built from start to finish indoors and are not exposed to variable weather conditions. The ready modules are then delivered to the construction site. The base floor, made of concrete, was constructed in three months. The other five floors were done just in 2,5 months, which shows that the technology based on wooden modules considerably shortens construction time.

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

2017

Building type

Multi Residential

Storeys

6

Units

50



Photo credit: Stora Enso, Arkkitehtuuritoimisto AT

Products

Products and Services

[Sylva™ CLT Floors and Roofs](#)

Product quality

Non visible quality (NVI)

Product volume (m³)

1,300

Product delivery duration (weeks)

10



Photo credit: Stora Enso, Arkkitehtuuritoimisto AT



StoraEnso

Team

Developer

Lakea Oy

Structural Engineer

Insinööritoimisto Pertti
Ruuskanen Oy

Architect

Arkkitehtuuritoimisto AT

Main contractor

Rakennus K. Karhu Oy

Others

Construction duration (months)

6

Timber superstructure erection duration (weeks)

12