



## ***Stora Enso's digital tools facilitate future wood construction***

Stockholm, in April 2019: **Jessika Szyber, business development manager at Stora Enso, was present as a speaker at the annual meeting of the Swedish Wood Technology Forum in Stockholm. Around 60 people participated in the meeting and received an insight into Stora Enso's efforts in terms of wood products.**



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Stora Enso is Europe's biggest supplier of wood products and has supplied wood material to more than 14 000 construction projects worldwide.

"Wood is the most sustainable construction material available. Due to the increasing interest in a sustainable society and a bioeconomy, we see a bright future for the forests and our activity", says Jessika Szyber.

### **CLT is the future of the construction industry**

Investing in research and new innovations is central to the activity of Stora Enso, placing the company at the leading edge in developing sustainable materials. Cross laminated timber, CLT, is an innovation that is light and strong and can replace concrete. This product creates completely new opportunities for Stora Enso within the construction industry.

Jessika Szyber points out that "thanks to CLT we can build tall buildings with more than 12 floors, drastically shorten the construction time and reduce transports to and from the construction sites by more than 80 percent. CLT is really the future for the construction industry".

### **Increased interest in digital tools**

In addition to offering a wide range of top quality wood products, the company also has a series of digital tools that facilitate various players in the construction process, according to Jessika. The tools are free to use and the objective is to boost knowledge and wood construction. Stora Enso develops many of them as part of its HEAL collaboration for "Healthy and affordable living". It is an ecosystem that Wood Products is building up together with Finnish start-up company TRÄ Group. One of tangible services is a virtual reality experience where customers are able to experience and modify an office environment.



Stora Enso offers, amongst others, a drawing programme for architects that shows how you can project in order to reach construction requirements. There is also an app, "CLT 360", to streamline construction site logistics.

"The entrepreneur scans the QR code on the wood material when it arrives to the construction site and is then shown a 3-D model of where the material is to be installed, which quality it is made of and the weight of the element", says Jessika Szyber.

The interest in Calculatis, the calculation tool for engineers has increased quickly in recent times.

"We are very pleased that more than 10 000 people worldwide are using our calculation tool for wood products", says Jessika Szyber.

### **More capacity and collaboration with the Technical Museum**

You cannot help but noticing that Stora Enso invests in wood products. On May 28 the new CLT production line will be inaugurated at Gruvön sawmill, which is one of the world's biggest and most modern production lines of cross laminated timber. It is an investment of half a billion SEK. The production capacity is 100 000 cubic metres of wood per year, which is equivalent to material for approximately 4500 average size flats.

Stora Enso is the main partner in the Wisdome project of the Technical Museum in Stockholm. A wooden construction will be created there for a new type of knowledge environment, where wood and digitalisation have a central role.

"We look forward to our wood products being used in a sustainable, innovative and cost-efficient way in order to create a building that stretches the boundaries and shows what is possible to create with the construction material of the future", says Jessika Szyber.

### **About Stora Enso**

Part of the bioeconomy, Stora Enso is a leading global provider of renewable solutions in packaging, biomaterials, wooden constructions and paper. We believe that everything that is made from fossil-based materials today can be made from a tree tomorrow. Stora Enso has some 26 000 employees in over 30 countries. Our sales in 2018 were EUR 10.5 billion. Stora Enso shares are listed on Nasdaq Helsinki (STEAV, STERV) and Nasdaq Stockholm (STE A, STE R). In addition, the shares are traded in the USA as ADRs (SEOAY). [storaenso.com](http://storaenso.com)

The **Wood Products division** is a leading provider of innovative wood-based solutions. The product range covers all areas of construction, including massive wood elements and wood components. It also includes a variety of sawn timber goods and pellets for sustainable heating. The emerging product range of biocomposites addresses the opportunities to replace plastics in consumer goods and creates potential in various demanding exterior applications in a cost-competitive way.

### **Enquiries to**

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