



Cladding and Decking by Stora Enso



storaenso

Stora Enso

The renewable materials company

Stora Enso is a leading provider of renewable solutions in packaging, biomaterials, wooden constructions and paper on global markets. Our aim is to replace fossil based materials by innovating and developing new products and services based on wood and other renewable materials.

The Group has some 25 000 employees in more than 35 countries, and our sales in 2016 were EUR 9.8 billion. Stora Enso shares are listed on the Helsinki and Stockholm stock exchanges.

Rethink is our change engine, serving as a promise that we shall always rethink the old and expand to the new in all that we do.

Our Values — Lead and Do what's right — are the lights for our journey, anywhere we operate. Our values must always be aligned with the local laws and rules, but also take us beyond local practices to bring the people and communities forward.

Our Purpose — Do good for the people and the planet — is why we do all this. Why we set a strategy and then execute it, including but not limited to the financial, market and other metrics. How we want to change the world, the communities and lives of all people who come in contact with us, be it through our products, our operations or our supply chain. Change for better.

Our production units

Stora Enso's Wood Products division provides versatile wood-based solutions for building and housing. Our product range covers all areas of urban construction including massive wood elements and building systems, wood components and pellets. We also offer a variety of sawn timber goods.

Wood Products operates globally and has 20 production units in Europe. Our global distribution network ensures consistent and efficient deliveries to our customers.

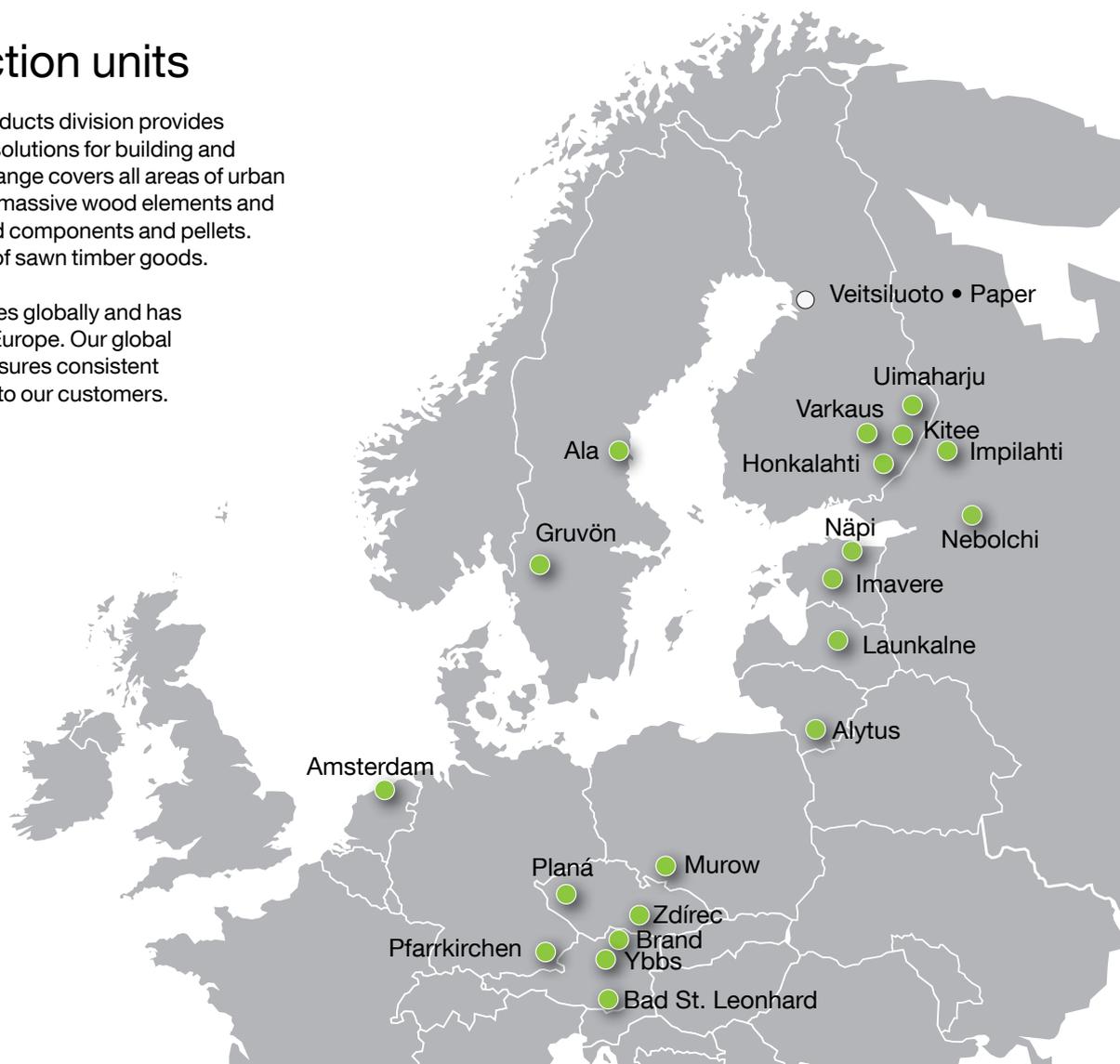
Sawing Capacity
• Total 5,4 Mm³

Further Processing Capacity
• Total 2,4 Mm³

Pellet Capacity
• Total 430 Mt

CLT Capacity
• Total 150 Mm³

LVL Capacity
• Total 100Mm³



Population growth, urbanisation, climate change and eco-awareness are strong trends driving the business for wood-based solutions. Cities are growing and consequently there is greater need for residential housing as well as office and commercial buildings, resulting in an increased demand for lighter, easy-to-assemble and renewable construction materials.

We believe in a sustainable and energy-efficient construction method for the public and private sectors. Wood, our most important raw material, has many advantages over the materials made from non-renewable resources. Wood is renewable, recyclable and it can be used as a bioenergy at the end of its life cycle. With carbon captured in the wood, the products offer a truly sustainable means of combating climate change.

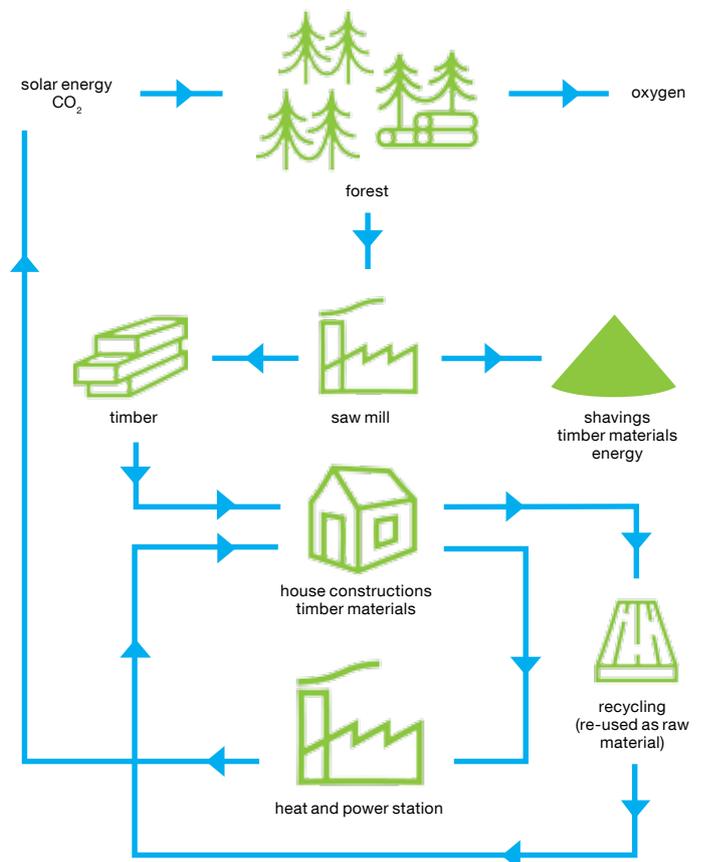
Stora Enso products are manufactured from responsibly sourced wood. The wood supply chains to Stora Enso's Wood Products units are covered by a wood traceability system, which is third-party certified according to PEFC™ or FSC® Chain of Custody system, or according to both systems.

In the manufacturing process, we set constantly higher targets to minimize negative environmental and social impacts and to maximize the efficiency of all raw material use. To achieve operational excellence, we apply integrated management systems. Stora Enso's Wood Products units have a good coverage of third-party certified management systems for Quality (ISO 9001) Environment (ISO 14001) and Occupational Health and Safety (OHSAS 18001).



Certification for quality and environment

Natural cycle: wood can be re-used, recycled or used as energy.



Wood is an excellent reusable material. At the end of their lifecycle wood products can be used to generate bioenergy, without releasing fossil CO₂.

High quality products for interior and exterior

Planed and profiled softwood products with high accuracy

Stora Enso provides ready to install products for exterior claddings, interior wall and ceiling panels and floor boards. The products are suitable for both new constructions and renovations and ideal for construction companies, industry, retailers and DIY builders.

Consistent quality and availability of goods are provided due to many years of production experience, the careful selection of raw materials and modern technologies. The products are available uncoated or surface treated. There are several types of coatings available: primer, paint, wax

or lacquer. All of the products are mini bundled or neatly shrink wrapped in order to achieve clean, long-lasting and user friendly packaging.

- A consistent high quality
- High accuracy due to modern planer lines
- Superb priming quality
- Mini bundled or shrink wrapped packaging
- Made from selected pine or spruce
- Also glued panels available up to width of 280mm





Claddings

Exterior claddings for sustainable facades

An impressive exterior cladding increases the value of any building. Stora Enso provides high quality cladding boards and weatherboards that are available natural, factory primed or ready finished in all colours on the exterior paint colour chart. Industrial priming and painting are cost-effective and they will speed up the construction on-site, improve the quality of the paint and extend the service intervals. Surface treatment is done immediately after planing in order to achieve the best possible function for painting.

Raw material is carefully selected pine or spruce heartwood. The boards are kiln dried and of the quality AB or higher.

Exterior claddings for high quality panels to complete the interior

Wooden surface gives any room a natural and classic appearance. Stora Enso provides high quality panels that are ideal for indoor ceilings and walls. The warm and elegant wood surface provides a light look while creating a welcoming atmosphere – making the impression of a bigger and brighter room. Panels can also be fully combined with any other decoration materials, for example wallpaper products.

The products are available uncoated or ready finished with wax or varnish. Panels can also easily be treated independently. One of the most popular treatments is white wax varnish with water-based pigment content, which allows you to leave wood grains visible. Processed with wax varnish the surface becomes more dense and strong, it can prevent precipitation of resin and the tone does not become yellow.

Technical details

Thickness:	7–28.5 mm
Widths:	82–280 mm
Lengths:	Random lengths (1.8–6.0 m, in 30 cm steps)
Wood species:	Spruce or pine
Moisture content:	8–16% ± 2%
Grades:	A, B, AB
Produced in:	Estonia, Finland, the Netherlands



Floorings

For an attractive and elegant floor

Genuine solid wood flooring is pleasant and durable. It balances indoor humidity and has natural sound insulation properties. Wood as a material is natural, pleasant and ecological and brings an attractive and warm look to your home.

Stora Enso provides floorboards that are made from carefully selected sound knotted pine or spruce and have beautiful grain patterns.

Technical details

Thickness:	18–29 mm
Widths:	88–146 mm
Lengths:	Random lengths (2.1–5.4 m, in 30 cm steps)
Wood species:	Spruce or pine
Moisture content:	8–18% ± 2%
Grades:	A, B, AB
Produced in:	Estonia, Finland, the Netherlands

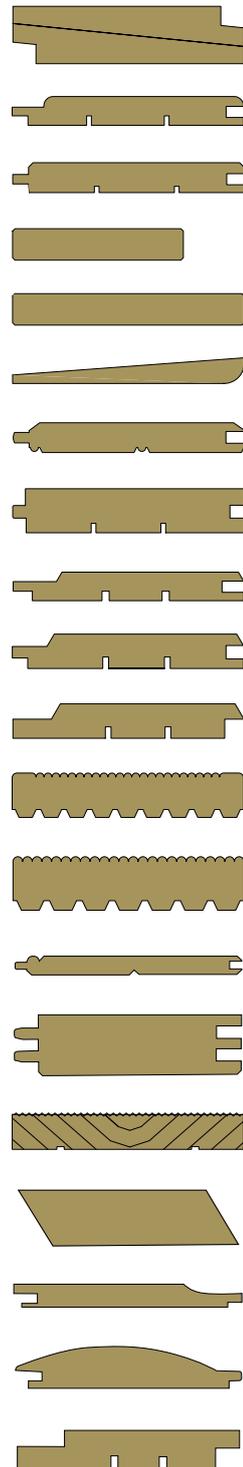




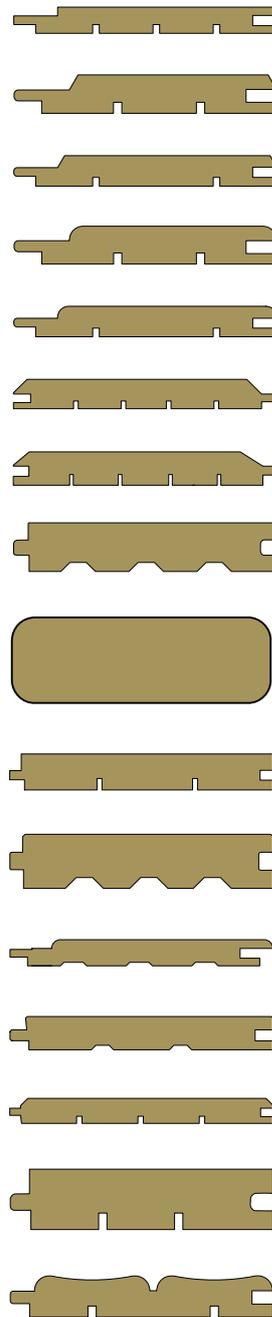
We provide a wide range of standard profiles to choose from

Below you will find examples of ready planed products. Upon request the products can also be profiled according to the customer needs.

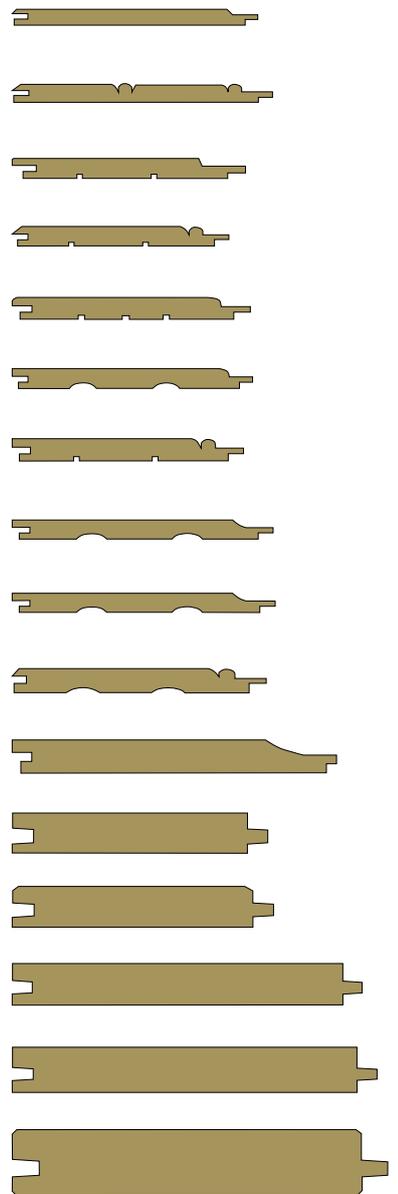
Näpi



Honkalahti



Amsterdam





© Stora Enso, Division Wood Products.
All rights reserved. Subjected to typographical or printing errors.
6/2017. Printed on LumiSilk 170g by Stora Enso.

Stora Enso
Division Wood Products
Head Office Helsinki
Kanavaranta 1
P.O. Box 309
FI-00101 Helsinki, Finland

woodproducts@storaenso.com
facebook.com/StoraEnsoLivingRoom
www.storaenso.com/woodproducts