

Pellets by Stora Enso

Environmentally sound heating



The renewable materials company

As part of the bioeconomy, Stora Enso is a leading provider of renewable solutions in packaging, biomaterials, wooden constructions and paper globally. We believe that everything that is made from fossil-based materials today can be made from a tree tomorrow. Our materials are renewable, reusable and recyclable, and form the building blocks for a range of innovative solutions that can help replace products based on fossil fuels and other non-renewable materials.

We make every effort to use 100% of the tree for our products as well as for producing bio-energy. In production, we are pushing towards carbon neutrality as much as it is technically and commercially feasible. We practice and promote sustainable forestry, and work to ensure that more trees are planted than are harvested.

Wood Products division

Wood Products division provides versatile wood-based solutions for building and housing. Our product range covers all areas of construction, including massive wood elements, wood components and sawn goods. We also offer pellets for sustainable heating.

The division operates globally and has more than 20 production units in Europe, including 8 pellet mills. Located close to our customers, our mills serve all segments with a focus on residential and mid-scale clients.

Good for the environment

Major global trends such as global warming, eco-awareness and changing lifestyles are driving the world's demand for renewable materials. Biomass energy responds to many of these trends.

Wood, our most important raw material, has many advantages over the materials made from non-renewable resources. Wood is renewable, recyclable and can be used as bioenergy at the end of its cycle. Pellets as a product constitute a great example of utilizing our raw material more efficiently. We produce pellets from our sawmill by-products so we can offer a natural, sustainable and renewable heating that is environmentally sound – nothing goes to waste. In addition, our pellet production lines are integrated directly after the sawing line, which reduces unnecessary transportation.

As carbon is captured in the wood, our products offer a truly sustainable means of combatting climate change.

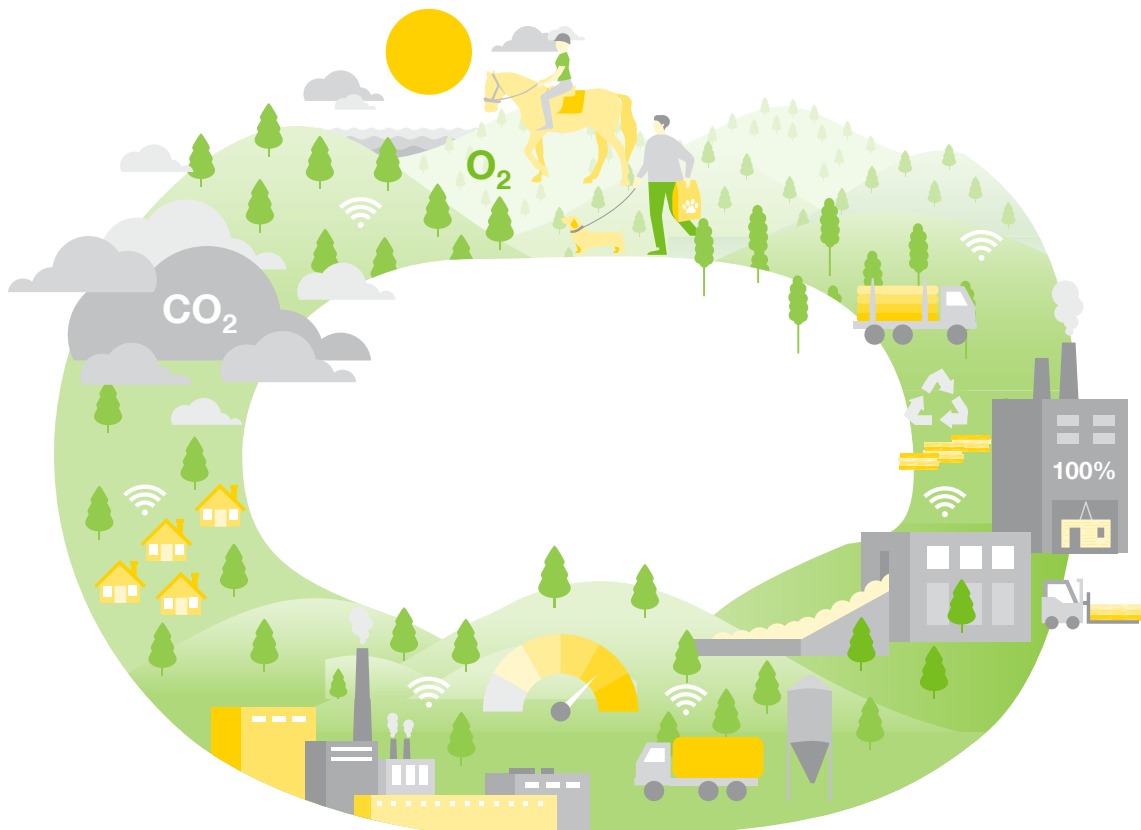
Highly efficient and sustainable

Wood shavings, dry chips and sawdust are used for the production of our pellets. This is why they are extremely energy-rich and produce a very small amount of ash. You can get just as much heat from two kilograms of Pellets by Stora Enso as from approximately one liter of oil.

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™ and/or FSC® Chain of Custody system.



The pellet manufacturing process – simple and efficient





Certifications

We constantly strive for improvement and commit to providing reliable and consistent premium quality pellets across all our mills, in a transparent way for our customers. Therefore, most of our pellet mills have received the ENplus® A1 and the DINplus certifications, representing the highest quality standards for pellets in Europe.

These two certifications ensure that our pellets follow strict constant quality and transparency criteria. For you as a customer, it is a warranty for optimal heating with the highest energy efficiency and the lowest emissions.

Pellets by Stora Enso – Good for you

Pellets by Stora Enso provide a natural, sound heating that is gentle to the environment and your wallet. They are energy-rich, cost-efficient and come from sustainably managed forests. And, contrary to oil or coal, burning our pellets is CO₂ neutral. So you heat your home without heating the planet. Get our premium quality pellets delivered to your door for efficient, comfortable and responsible heating. Visit www.storaenso.com/pellets for free delivery on all orders.

Advantages in a nutshell

Sustainability by nature's own terms

- Natural and renewable energy sources
- Carbon neutral raw material and minimum residues

Price stability through efficiency

- Everything from one source – from raw material to delivery to your door
- Optimized production and logistics

Reliability from Europe's no.1 wood expert

- Own production network, premium quality
- Support and information easily available – directly from the producer

Easy and convenient online ordering

- Own webshop at www.storaenso.com/pellets



Technical details

Diameter	6/8 mm
Dry content	approx. 92%
Ash content	approx. 0,4%
Ash melting point	approx. 1.400 °C
Density	approx. 650 kg/m ³
Energy per kg	approx. 4,85 kWh
Energy per m ³	approx. 3.120 kWh

Tips

Please store your pellets in a cool and dry place

For bulk deliveries

- the storage must be suitable for receiving pellets and sufficiently ventilated
- the inlet pipe must be mounted outdoors, easy to reach and marked clearly with the name and address.

Please use the webshop to verify if we deliver within your zip code area. More information about pellets and our delivery terms:

www.storaenso.com/pellets

Like a warm hug for your home



Why buy wood pellets for heating?

There are three great reasons to buy wood pellets if you're considering sustainable heating: economy, efficiency and the environment.

You can buy our pellets any time of the year and easily store them thanks to their compact nature. Compared with firewood, wood pellets are easier to store and burn more efficiently.

Save on heating bills, help save the environment

Because they are a dense form of fuel with a high energy content, our wood pellets burn efficiently. In fact, biomass wood pellets can cost you up to 25-50% less on average than fossil heating fuels.

Fossil heating fuels like oil or propane gas are often expensive and unstable in price. They also pose a threat to the environment and the global climate.

The wood from our pellets is carbon neutral – and it is coming from sustainably managed forests. We use natural forestry by-products from our own production only. Production is directly integrated after the sawing line to reduce unnecessary transportation.

It's easy to buy wood pellets from Stora Enso

We source it, we make it, and we deliver it. From forest to furnace, we deliver our premium wood pellets free to your home. Visit our online webshop at www.storaenso.com/pellets for a quick, easy and responsible way to heat your home without overheating the planet.

5 key benefits

- **Reduces environmental impact** – a clean-burning renewable fuel source, FSC® and PEFC™ Chain of Custody certified wood traceability system for responsible sourcing
- **Cost efficient** – costs much less on average than fossil heating fuels and is more price-stable
- **Energy rich** – with its high energy content and density, it burns more efficiently than traditional firewood
- **Easy online ordering** from the comfort of your own home (see delivery destinations) and superior customer service and delivery reliability
- **Convenient to use** – can be bought in bulk or bags and stored in less space than other biomass fuels

For the love of your horse



Super absorbent, hygienic and comfy

Stora Enso's premium horse bedding pellets are made from locally sourced and sustainably managed wood. Our horse bedding pellets quickly absorb liquid and moisture, transforming into a bed that is fluffy, soft and comfy underfoot. Additionally, our pellets contain natural resins and oils to combat ammonia, keeping your stable smelling sweet.

Pellets are heat-treated and therefore naturally antiseptic and free from mould and bacteria. They are a safe choice and provide a healthy hoof and limb environment for all ponies and horses. The virtually dust-free pellet bedding can also benefit horses prone to respiratory conditions.

Cuts mucking out time in half or more

You'll be amazed at how much time you save on mucking out with wood pellet horse bedding. Unlike other bedding materials, this super-absorbent and long-lasting bedding results in fewer muck heaps and less bedding you need to remove. So, you can spend less time cleaning and slash your waste volumes.

Saves storage space

Thanks to the tightly compacted nature of wood pellets, the bags take up minimal space compared with other alternatives. You simply add warm water to them and they expand to nearly 4 times their original volume.

5 key benefits

- **Significantly more absorbent** than most other types of horse bedding – keeps stables dry and hygienic. Drastically reduces mucking out time – this material is labour- and time-saving
- **Cost efficient** – long-lasting absorbent product means you replace it more rarely
- **Naturally soft**, fluffy and comfortable bed
- **Premium horse bedding** – made from top-quality natural raw materials, sustainable and biodegradable
- **Easy storage** – compacted pellets are heavier and denser than straw or shavings and take up less storage space



Stora Enso
Division Wood Products

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Pellets by Stora Enso are manufactured
in the Czech Republic, Estonia, Finland,
Russia and Sweden.