

Wood fuel products

ENERGY EFFICIENT AND ECOLOGICAL
FUEL FOR HOUSEHOLDS



PATA



The PATA group



The PATA group—a major regional player in the timber market with a sustainable and environment- friendly approach to forest management



The PATA group is the largest full-cycle forest management, timber production, logistics and trade company in the region. The PATA group is also one of the largest private forest owners in Latvia.



70

The Group's subsidiaries have nearly 70 years of experience in the industry.

700

The Group employs more than 700 highly qualified industry professionals.

3,5M m³

The PATA group processes and sells an average of 3.5 million m³ of wood fuel annually.

The PATA group's mission is to create a forest industry ecosystem where all the stakeholders—from forest owners to end consumers—, by working together, not only may develop individually and create added value to all, but also lay the groundwork for sustainable development in the future.

Lines of business

Forest management

PATA provides the whole forest management cycle for its clients. We design forest management plans, harvest and sell timber, and perform reforestation activities. The Group's companies own the largest and most modern forestry machinery fleet in Latvia. We manage over 1300 properties with a total area of more than 111,000 hectares. Private forest owners can receive advice at PATA's client centres all over Latvia.

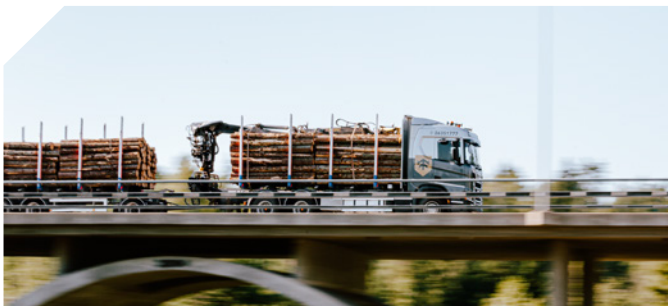
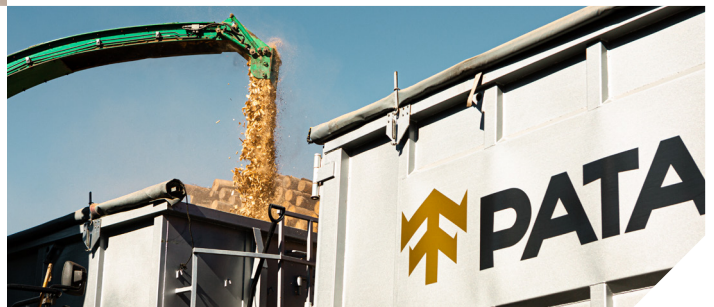


Sawn timber production

We produce high quality sawn timber using modern machinery and technology. The PATA group companies own several sawing lines, which enables us to produce large production volumes. Our production process can be easily adapted to meet the individual needs of our clients.

Energy

In our work, we apply the principles of the circular economy, making the most of all the by-products derived from the production process. We sell the acquired biomass (wood-chips, firewood, sawdust) as an alternative to fossil fuels.



Transport and logistics

The PATA group owns the largest fleet of forestry machinery in the Baltics. It allows us to efficiently plan timber transport from a forest to a mill to a port or shop and to offer the lowest transportation costs. The single vehicle tracking system enables tracking of every shipment, which ultimately means—every timber freight.

Sawn timber trade

We sell our sawn timber through several channels. We have a wide wholesale client base in the Baltics as well as such foreign markets as South Korea, USA, Japan, Germany, China, Great Britain, and others. Also, we run the largest specialised retail chain of timber products in Baltic Sea region.



Round timber trade

Over the course of 20 years, the PATA group has built a strong network of business partners which comprises several thousand private forest owners. As we provide a complete range of services, we are able to negotiate the best prices for both—round wood purchased for our own production needs and roundwood sold to our clients.

Production and sales

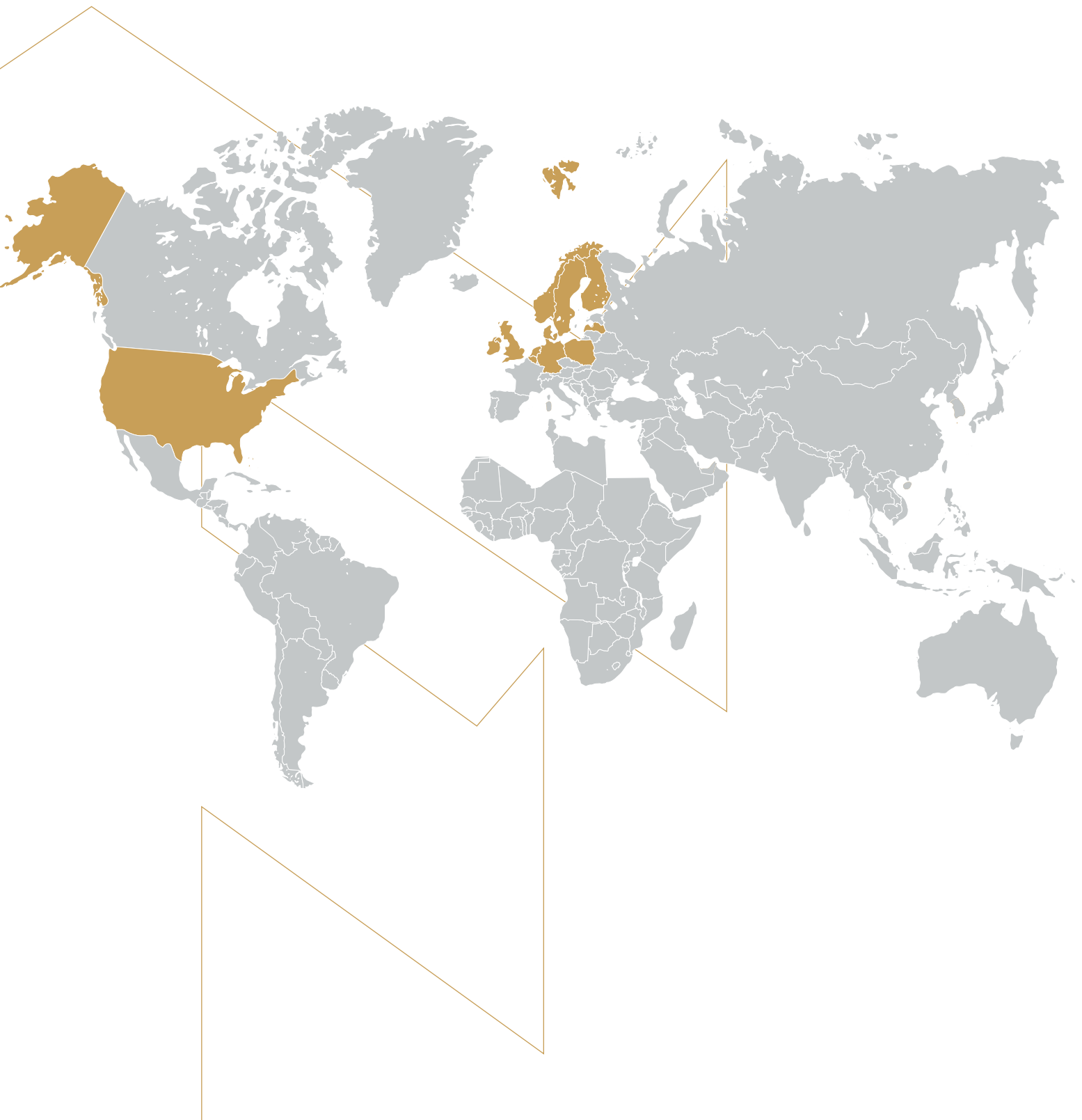


The PATA group owns several wood fuel production plants.

The PATA group produces and sells an average of 1 300 000 MWh worth of wood fuel (woodchips, briquettes, firewood, and firewood for fireplaces) annually. Wood fuel products are sold in the domestic Latvian market as well as exported overseas.

The key export markets include the USA, Belgium, Denmark, Ireland, Great Britain, the Netherlands, Norway, Poland, Finland, Germany, and Sweden.

The PATA group ships its wood fuel products to its foreign customers by road, sea, and railway.



Wood fuel products



Firewood for fireplaces in wooden pallet boxes

The PATA group makes firewood for fireplaces of alder, birch, oak, and ash-tree. For the firewood to be easy-to-light and burn efficiently, it is dried. The moisture content of PATA's firewood does not exceed 20%.



Technical parameters

1,8 RM box

Tree species:	Birch, alder, ash-tree, oak
Sizes:	(W)84 x (L)120 x (H)205 cm
Transportation:	Maximum volume in a ten semitrailer—30 boxes of birch or alder firewood, 28 boxes of ash or oak firewood
Log length:	An average of 25 cm
Box weight:	An average of 800 kg for birch or alder firewood, 850 kg for ash or oak firewood

1,2 RM box

Tree species:	Birch, alder, ash-tree, oak
Sizes:	(W)108 x (L)114 x (H)120 cm
Transportation:	A 45ft container can hold 48 pieces; a 40ft container can hold 44 pieces
Log length:	An average of 25 cm
Box weight:	An average of 550 to 580 kg for ash or oak firewood, 500 kg for alder or birch firewood

Wood fuel products



Firewood for fireplaces in bags

The PATA group makes firewood for fireplaces of alder, birch, oak, and ash-tree. For the firewood to be easy-to-light and burn efficiently, it is dried. The moisture content of PATA's firewood does not exceed 20%.



Technical parameters

40l bags

Tree species:	Birch, alder, ash-tree, oak
Sizes:	An empty bag 70 x 50 cm, a pallet with bags—(W)110 x (L)90 x (H)230 cm, 66 bags per pallet
Transportation:	A 45ft container can hold 28 pallets or 1848 bags; a 40ft container can hold 26 pallets or 1716 bags
Bag weight:	From 13.5 kg to 15 kg, depending on the moisture level
Log length:	25 cm or 29 cm
Moisture content:	Below 20%

20l bags

Tree species:	Birch, alder, ash-tree, oak
Sizes:	An empty bag 60 x 40(42) cm, a pallet with bags—(W)120 x (L)100 x (H)125 cm, 66 bags per pallet
Transportation:	A 40ft container can hold 42 pallets or 2688 bags
Bag weight:	An average of 8 kg, depending on the moisture level
Log length:	25 cm or 29 cm
Moisture content:	Below 20%

Wood fuel products



Briquettes

The PATA group produces briquettes of wood shavings derived from sawing and planing. The shavings are not stored, they go directly to the briquette press.



Technical parameters

Briquettes

Packaging:	96 packs per pallet
Tree species:	Conifers (55% spruce, 45% pine)
Transportation:	26 pallets in a 45ft container or tent semitrailer
Weight:	An average of 10 kg
Moisture content:	Up to 10%
Ash content:	Up to 0.5% 19.66 MJ/kg
Heat transfer:	4696 Kcal/kg 5.46 MWh/t
Density:	Approx. 920 kg/m³



Wood fuel product sales

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