



**Pioneer in
renewable
energy**





Extracts along the way:

2006

ProPellet is found – pellet burners for small real estates

2007

the first pellet plant in Ylivieska starts manufacturing

2009

heating solutions for larger estates

2012

thermal energy entrepreneurship – the first plants to Oulu and Jyväskylä

2013

new pellet plant to Ylivieska

2015

significant success in calls for tenders as a thermal energy operator

2017

nationwide sale of thermal energy

Experienced and open-minded – ProPellet Oy

ProPellet offers its clients both extensive knowhow and long experience. Together with the client the best solution for heating requirements will be found: renewable fuels, district heating plants and thermal energy as a turnkey-solution.

In 2018 we delivered over 30 000 tons of wood pellet and over 50 heating plants produced megawatt hours to our customers. Annually, 10 to 20 new heating plants are being built. ProPellet grows rapidly together with the number of satisfied customers.





Heat – naturally

Increasing the use of bio fuels in heating is a true act for the environment. ProPellet is a pioneer in modern bio heating – wood pellet, wood briquette and wood chips as fuels of own production.

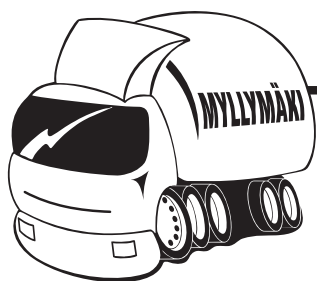
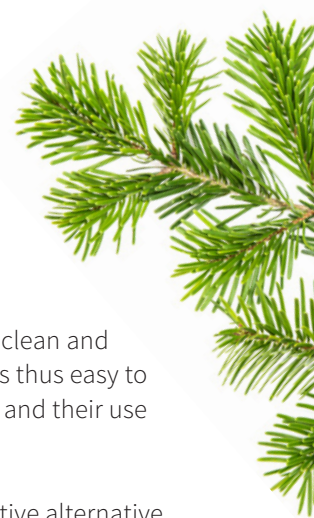
Pellet heating is beneficial for both nature and the customer, because it is ecological, inexpensive and easy to use. It is adaptable to almost all kinds of houses to industrial properties and from school buildings to district heating plants.

Wood pellet is 100 % wood, renewable fuel with very low particle emission levels. It is produced energy-efficiently from local raw materials and is therefore environment-friendly to produce. For example, switching oil heating of a small countryside school building to pellet decreases the carbon footprint by over 100 tons in a year.

Pellet heating is carefree. The fuel is uniform, clean and doesn't require a lot of space to storage and is thus easy to automate. Larger sites operate automatically and their use and supervision is remote-controlled.

Pellet heating is economically a very competitive alternative. Investment in switching into pellet heating is reasonable in comparison to other forms of heating. The pellet price is moderate and is free from economic cycles. Due to automation the maintenance costs of the heating plants remain low.

Bio fuels provide a working solution to produce heating energy for real estates.



K U L J E T U S L I I K E

A. Myllymäki Oy

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See the video on the production process of renewable fuel:

Renewable fuel – wood pellet

ProPellet uses wood shaving and saw dust, by-products of the nearby wood processing industry, as raw material of its pellets. Expertise, modern processing plants and a continuous quality improvement guarantee a high-end, homogeneous product.

Pellet is available both bulk and packed in sacks of various sizes. Pellet sacks are sold to retailers such as hardware stores or directly from the plant to the customer. The bulk is transported straight to the pellet storage of the customer.

Naturally Finnish

ET base mouldings and panels are the best choice for interior decoration when the surface has to be practically trouble-free and individually beautiful at the same time. These colors inspired by Finnish nature, can be found in all our base moulding-, panel and floor models.



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Compact equipment and heating plants to versatile sites

Hundreds of buildings throughout Finland are heated by bio heat from the heating equipment we've delivered. For larger sites we have built highly automated heating plants. They are always individually planned. Housing companies, farms, schools and other public buildings along with private houses are being served. Our heating plants work exceptionally well for heating industrial sites and producing peak power and power reserve for district heating. The equipment can be installed in the client's premises or alternatively a detached heat container will be built on the site.



Contact us and we'll find the perfect solution for your needs.



Examples of our products:

PellX 20 kW

A pellet burner for houses that can be installed in most wood and dual chamber boilers and some oil-fired boilers.

Integrated heating plants 50–1000 kW

Integrated heating equipment in the customer's premises. Depending on the heating boiler the system can be integrated utilizing the existing equipment. In new construction, a heating plant is planned and built according to customer's needs. Heating plants are highly automated and remote-controlled.

Heat containers 200–1000 kW

A detached heat container for schools, industrial estates or the producer of district heating. The container is built on its foundation, such as concrete slab. Accordingly, a pellet store is added (a vertical pellet silo or wood chip / wood briquette store that can be opened), a closed ash bin and a chimney. The container includes a fully automated heating plant that's remote-controlled and monitored.

Heating plants over 1 MW

A solid heating plant or a container for greater heating requirements. Suitable for large estates and district heating using modern combustion technology.



Turnkey – heating service combines system and fuel

Outsourcing the thermal energy production releases the customer to focus on other essentials. The customer can rely on receiving heating energy that is produced energy-efficiently, safely and ecologically by professionals.

Turnkey thermal energy service delivers eco-friendly bioenergy through heating entrepreneurship. The customer buys the energy as full service and therefore investment in the systems or plants is not needed. We deliver the heating devices, install them and take care of maintenance, fuel monitoring and service of the plant. In energy production we also use other

renewable fuels, such as briquette and wood chip, in addition to pellet.

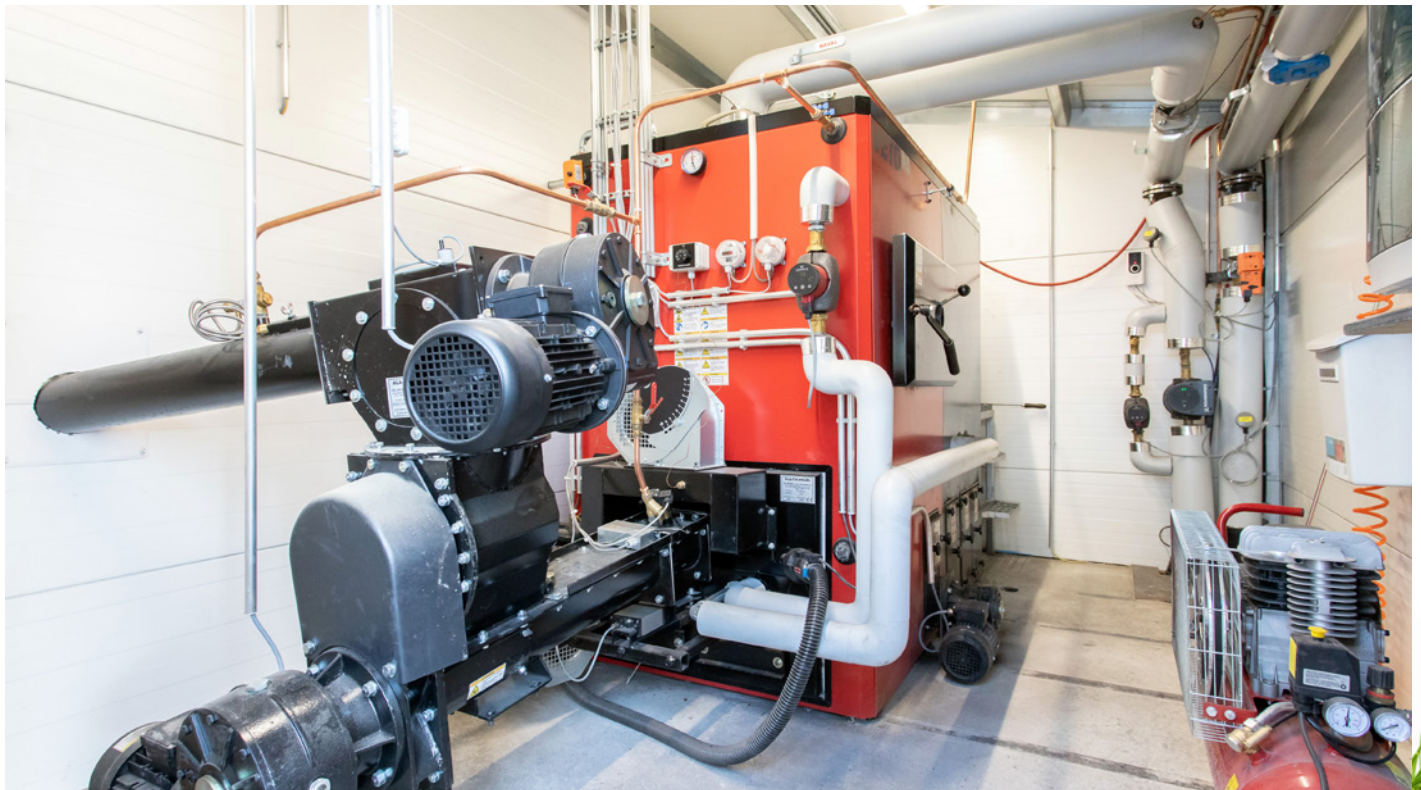
Heat production facilities are built utilizing the latest technology. We deliver and install the perfect solution based on the customer's needs and premises. By careful planning we always find a functional solution considering the possible future needs as well. The plants are automated and remote-controlled. In addition, our nationwide service network ensures their functionality and guarantees 100 % sure delivery.

**Customer's
need**

**Building the
heating plant**

**Delivering
thermal energy**

**Remote monitoring
and local maintenance**



Why ProPellet turnkey – heating solution?

- ✓ environmentally friendly
- ✓ domestic
- ✓ investment by ProPellet
- ✓ can be customized
- ✓ reliable delivery
- ✓ carefree

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www.ala-talkkari.fi

www.propellet.fi



ProPellet Oy
Vähäkankaantie 66
FI-84100 Ylivieska
Finland

Tel. +358 44 2572 502
myynti@propellet.fi



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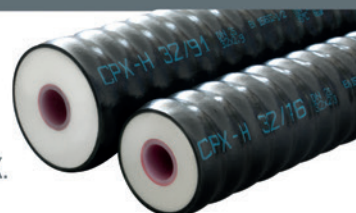
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