



City of Lapua

Centre of renewable
energy technology





Lapua, the centre of renewable energy

Sustainability, renewable energy sources and energy efficiency are important topics nowadays. Increasing energy efficiency provides opportunities to increase the growth of local economy. These are the fundamental prerequisites of economic life that we develop in the region.

The City of Lapua is the centre of renewable energy in Southern Ostrobothnia. Our companies support sustainable development by designing products and services for the needs of renewable energy production and by promoting energy efficiency.

Products of our leading companies:

- biofuel heating plants
- geothermal heating systems
- piston accumulators for the wind power and solar energy industries as well as wave power applications



KPA Unicon specializes in the implementation of energy production solutions. KPA realises thermal and power plant projects and offers a wide range of services to ensure maintenance and usability for its customers' facilities. KPA Unicon's core idea is to operate as a part of the customers' energy production and to ensure the customers' success. KPA Unicon operates internationally and has offices in Finland, Russia, France, Croatia and Chile. KPA Unicon's main clientele consists of companies in the energy sector as well as in the process, sawmill and metal industries.

COMPANY: KPA Unicon
WEBSITE: www.kpaunicon.fi
EMAIL: info@kpaunicon.com
TEL. +358 20 774 9200



Lapuan Sawmill Ltd is a high-quality sawmill located in the best softwood area of Finland. Lapua Sawmill annually produces 60,000 cbm of whitewood and 20,000 cbm of redwood and specializes in sound knot quality combined with special kilning. The company's main markets include China, Japan, France, Germany and Switzerland.

Lapua Sawmill also produces by-products such as pulp chips, heat chips, bark and saw dust. Most of the by-products are used locally as the mill also produces district heating for the City of Lapua.

The company provides bioenergy in various forms locally and it is known for its reliability and high quality.

COMPANY: Lapua Sawmill Ltd
WEBSITE: www.lapuansaha.fi
EMAIL: office@lapuansaha.fi
TEL. +358 40 566 0443



LÄMPÖÄSSÄ



HEAT PUMP SYSTEMS

Suomen lämpöpumpputekniikka Oy is the leading geothermal heat pump manufacturer in Finland. The company has manufactured "Lämpöässä" geothermal heat products since 1983. During its operation, the company has realised various heat pump solutions for heating, cooling and solar heat utilisation. The Lämpöässä products range from small air/water heat pumps to geothermal heat stations with capacities of hundreds of kilowatts. The product-specific capacity ranges from 6 kW to 200 kW. Lämpöässä heat pumps are used in, for example, private homes, hotels, spas, schools, greenhouses, farms and industrial buildings.

COMPANY: Suomen Lämpöpumpputekniikka Oy
WEBSITE: www.lampoassa.fi
TEL. +358 6 433 7200

ALA • TALKKARI

BIOMASS HEATING BOILERS, SOLID FUEL FEEDING DEVICES AND BIOMASS CONTAINERS

Veljekset Ala-Talkkari Oy is an expert of environmentally friendly biomass heating systems, with over 60 years of experience in the field. The company's main products include central biomass heating boilers with capacities ranging from 30 kW to 990 kW and low-emission biomass devices (solid fuel bio-burning equipment) with capacities of 30–990 kW. The company's heating systems are suitable for heating private homes as well as large premises (incl. farms, industrial buildings). The company's headquarters and factory are situated in Hellanmaa, Lapua.

COMPANY: Veljekset Ala-Talkkari Oy
WEBSITE: www.ala-talkkari.fi
EMAIL: asiakaspalvelu@ala-talkkari.fi
TEL. +358 6 433 6333

hydroll

THE PISTON ACCUMULATOR COMPANY

Hydroll Oy manufactures piston pressure accumulators (from 0.1 to 100 litres). Pressure accumulators control the pressure variation of hydraulic systems. The pressure accumulators store pressure energy which can be used for adjusting wind turbine blades in order to increase safety and energy-efficiency. Pressure accumulators can also be used in other energy recovery systems.

Hydroll Oy's piston accumulators are manufactured in Lapua and they are used in over 20,000 wind turbines around the world.

COMPANY: Hydroll Oy
WEBSITE: www.hydroll.com
EMAIL: info@hydroll.com
TEL. +358 20 765 7900



Valmet is the leading global developer and supplier of technologies, automation and services for pulp, paper and energy industries. Valmet's vision is to become the global champion in serving its customers. For energy production, Valmet is an experienced provider of fluidized bed boilers, gasifiers, power plants, integrated pyrolysis, equipment for environmental protection, automation solutions and wide selection of services. The company's 12,000 professionals around the world are committed to moving its customers' performance forward.



COMPANY: Valmet
WEBSITE: www.valmet.com/energy
TEL. +358 10 672 0000

WWW.LAPUA.FI



ENERGY AGENCY OF SOUTH-OSTROBOTHNIA

Thermopolis Ltd is a non-profit company which specializes in renewable energies, energy efficiency and sustainable development in the region of Southern Ostrobothnia.

The company's strategic objectives include:

- to improve the operating conditions of energy industry in Southern Ostrobothnia
- to increase self-sufficiency and the use of renewable energy in the region
- to provide information on environmentally friendly energy solutions and methods for saving energy
- to promote the realisation of sustainable development in Southern Ostrobothnia and the surrounding areas

The company provides versatile consultation and training services for companies, public entities and private operators. Thermopolis contributes to the economic life by increasing the levels of energy efficiency and sustainable development. The effects of the operations are targeted at the ways of living and doing business in Southern Ostrobothnia.

Thermopolis Oy is one of Europe's approximately 400 energy agencies.

The company was established in 2003 as part of the City of Lapua and it has operated on a non-profit basis since 2006.

COMPANY: Thermopolis Ltd
WEBSITE: www.thermopolis.fi
EMAIL: info@thermopolis.fi
TEL. +358 6 433 1290



**Valtuustontie 8,
FI-62100 LAPUA, FINLAND
Tel. +358 6 438 4111
www.lapua.fi**

The City of Lapua provides its entrepreneurs and citizens with an excellent living environment and good transportation connections. The city offers highly versatile free time activity services and high-quality public services. Research has shown that Lapua's citizens are Ostrobothnia's most content with the provided municipal services.

Lapua serves as a domicile for over 1,000 companies, some of which are part of larger international groups and some are more traditional family businesses. The most significant field is the growing technology industry with a particular focus on the energy sector.

CONTACT DETAILS

JOUKO VUOLLE, BUSINESS DEVELOPMENT MANAGER

Business and development, business premises hiring
Tel. +358 44 438 4050, email: jouko.vuolle@lapua.fi

M.SC. (ECON.) MERVI MIKKOLA, MANAGER

Marketing, tourism and external affairs
Tel. +358 44 438 4052, email: mervi.mikkola@lapua.fi

MARKKU TURJA, LAND HOLDINGS MANAGER

Land use, plots
Tel. +358 44 438 4361, email: markku.turja@lapua.fi



RENTAL APARTMENTS: LAPUAN KOTIASUNNOT OY

Tel. +358 44 438 4088, info@kotiasunnot.fi
www.kotiasunnot.fi