



Lujabetoni

THE CONCRETE EXPERT FROM THE MOST SEVERE CONDITIONS



LUJA – AN EXPERT IN CONCRETE CONSTRUCTION FOR A DEMANDING ENVIRONMENT

In Finland, the quality and efficiency of construction must be of the highest standard. Our climate conditions, which change radically with the seasons, pose considerable challenges for both construction and materials. In the winter, the temperature may fall as low as -40°C, and in the summer, may rise to similar figures above zero. Finland's four beautiful seasons, with their very distinctive features, have provided Lujabetoni with the training that has made the company into a pioneer of concrete products and manufacturing technologies.

Concrete plays a central role in all construction activity and with good reason, can therefore be termed the basic element of construction. Our demanding climate has required continuous product development from us, making us top experts, especially within the fields of precast element systems and ready-mixed concrete. Our products facilitate the cost-effective construction of high-quality buildings that can withstand our demanding weather conditions and which are energy efficient.

A HISTORY OF STEADY GROWTH

Lujabetoni Oy is Finland's leading concrete industry company. We have 700 employees working in 25 locations in Finland, Sweden and Russia. The company has grown strongly in recent years, and we have made significant investments, particularly in the Russian market. One of the most important keys to our success is our strong focus on development. We have launched numerous revolutionary product development innovations that enhance the quality, durability and cost-effectiveness of construction.

We offer our customers a full range of construction services. In addition to Lujabetoni, the Luja Group consists of Lujatalo Oy, a building contractor of both residential buildings and business premises, Fescon Oy, an expert in dry products for construction purposes, and Lujapalvelut Oy, specialising in property management and maintenance, repairs, cleaning and clerical services. We are a family business and have been operating in the industry for 55 years. Our group employs a total of over 2,000 top professionals within their respective fields.

HONEST AND FAIR CO-OPERATION

In Finnish culture, the work ethic is held in high esteem, and co-operation with Finns is based on honesty and fairness. At Luja, our operations are guided by ethics, social responsibility and the Luja values that have stood us in good stead for 55 years. We seek financial results through ethical, sustainable means whilst respecting the Luja company values. We also promote quality in all of our operations, and listen to our customers and interest

groups. We are accurate in the management of our financial responsibilities, look after our employees, and act in ways that preserve the environment. In our everyday activities, a particularly high priority is given to the occupational health and safety of our staff, in which we have invested strongly in recent years.

PROTECTING THE ENVIRONMENT

Besides posing challenges in terms of construction, the Finnish landscape and seasons are unforgettable. Finland is famous for its forests and thousands of blue, clean lakes. In the winter, the lakes and the sea freeze over and you can see ice fishermen on the snow-covered ice. In the summer, people spend their spare time rowing on the lakes or fishing on the banks of the lake's unpolluted waters. For us, the natural

environment and its protection are very important. We work on behalf of the environment on a daily basis, employing the same technologies in both Finland and all other countries in which we operate. Many of our innovations are based on material efficiency, quality and durability, – factors that save the environment as well as money.





LUJABETONI IS A PIONEER IN THE CONCRETE INDUSTRY

Lujabetoni Oy is a company that provides services for concrete construction with an extremely extensive product selection. Our product range includes precast units for frames and façades, ready-mixed concretes, railway sleepers, piles, precast units for agriculture, landscaping products such as paving slabs and ingots, and prefabricated concrete housing systems. In Finland, our manufacturing capacity is record-breaking. As comprehensive value-added services, Lujabetoni also offers structural design, installation, structure erection, and overall project management on site in almost all our product groups.

Lujabetoni prides itself on its lengthy employment relationships and its professional and committed staff. The average employment relationship with Lujabetoni is almost 12 years. We make continuous investments in development and renewal. Customer needs and the demanding Finnish climate conditions are the starting points of our product development. Our goal is to offer home builders and construction companies the best materials, and to make the on-site building process easier, in any way possible.

MODERN SOLUTIONS BRING CONSIDERABLE SAVINGS

We supply customer-oriented precast systems for industry, business premises, agriculture and residential construction. Our speciality is large-scale commercial frame construction, using our leading products and our expertise. Thanks to our new precast facade solutions, the buildings constructed have very low energy consumption and are environmentally friendly. Our precast units are manufactured in highly controlled factory conditions, adhering to the highest standards and industrial efficiency. In addition to guaranteeing quality, this also means that plenty of construction time can be saved on work sites.

In recent years, we have launched numerous revolutionary product development innovations that enhance the quality, durability and cost-effectiveness of construction. For instance, Lujabetoni was among the first companies in Finland to use Self-Compacting Concrete (SCC) for casting, meaning that the concrete compacts by itself, which helps to save on labour costs. We were also among the first to introduce coloured concretes and our own breakthrough product, Easy-Compacting Concrete (ECC), which is easily compacted and can be incredibly accurately levelled. One of our new products, the extra wide SuperTT slab, facilitates the construction of considerably larger business premises than previously. As preferred by most constructors, the large slab size also speeds up the installation phase. These innovations are just a few examples of our extensive portfolio of new products.

ENERGY-EFFICIENT EXPERTISE

By launching our own Luja prefabricated concrete housing systems, we have made industrial standard products and efficiency available to builders of single-family houses. The product is available as a low-energy solution created using LECA blocks, concrete blocks, or constructed from precast Luja-Kivisydän plastered facades units. Our revolutionary innovation, Luja-Kivisydän, is a solution for the construction of low-energy houses, and also facilitates the construction of so-called passive houses. The Kivisydän concept is a highly energy-efficient wall solution, based on precast units of new

shapes and sizes that are plastered to create stylish, seamless facades. EPS insulation with high insulation capacity comes attached to the structures, available in various thicknesses of up to 500 mm. Our solution is suited to both construction companies and the builders of single-family houses. Our own range of houses represents the Scandinavian style, with simplified elegance and aesthetic values.

JOPI PILES SAVE PLENTY OF CONSTRUCTION TIME

We have also developed world class cost-effective and environmentally-friendly technology for piling. Using the JOPI pile-driving system, the sawing machine of the pile driver cuts the pile to exactly the right length, and uses the remaining length of the pile for the next pile location. In other words, no material is wasted and the work is quicker, since there is no need for slow and expensive pile cutting afterwards.

Some of Lujabetoni's international export projects over the years:

- Kostomuksha and Svetogorsk, extensive pre-cast unit deliveries to the Soviet Union
- Helsingborg, Sweden, precast unit delivery for a Kemira plant
- Northern Sweden, continuing pile deliveries
- Northern Norway, LECA blocks
- In addition, we have delivered pedestals for columns to Estonia, Sweden, Denmark, and the UK.



RELIABLE CUSTOMER AND PARTNER

As the leading company within its industry, with increasingly international operations, Lujabetoni also offers interesting co-operation opportunities to its suppliers. We acquire all of our key materials from global markets. In many product groups, our acquisition volume is significant, even on an international scale. In Finland, the market share of precast

construction is exceptionally high and demand for precast products materials is steady. We also offer a bridgehead to the vast Russian market. Lujabetoni is very interested in co-operation and close partnerships with qualified and competitive suppliers.

L BETONG

Lujabetoni's Swedish subsidiary L Betong Ab was established in 2001. The company operates in two factories in Haringe and Vallentuna, near Stockholm. Our factories, representing the latest technology, supply concrete efficiently and in an environmentally friendly way to Swedish customers, abiding by the operating principles and values of the Finnish parent company.

OOO LUJABETON

In 2007, Lujabetoni expanded its operations to Russia by establishing a company called OOO Lujabeton. Since the first factory was founded, its business activities have been expanding rapidly. In St. Petersburg, the company operates in three separate factories, in the areas of Lapinskij, Kolomayagi and Gorelevo. High quality, advanced technology, environmental friendliness, and customer-orientation are qualities that characterise the operations of the St. Petersburg factories.



L^BBetong

Luja
Бетон

Lujabetoni

HAPPY TO HELP

At Lujabetoni, the customer always has a key position. We hope that our extensive and lengthy experience can also benefit others, and we are happy to be of service to our partners. Please do not hesitate to contact us:

Welcome to Finland!

www.lujabetoni.fi

President, CEO, Mikko Isotalo

Vice President, Precast elements, Kari Turunen

Vice President, Ready-mixed Concrete, Anse Rajala

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