

# WHY FINLAND?

- Advanced competence in sustainable material technology and services
- World-class know-how in data and digitalization, building information modelling, as well as robotics and precut manufacturing
- Ambitious climate goals shaping the market and developing our offering
- Strong expertise in using wood in construction

**FINLAND**

**1. DATA AND TOOLS FOR  
BUILT ENVIRONMENT  
MAINTENANCE, USAGE,  
LIFECYCLE MANAGEMENT  
AND SMOOTH EVERYDAY  
OPERATION**



# TURNING EVERYDAY PLACES INTO BRIGHTER SPACES

## OUR SOLUTION

Helvar designs and manufactures lighting control and intelligence solutions using the latest technology to improve energy efficiency and the wellbeing of the occupants, regardless of whether the building is an office, hospital, educational or transportation facility. Helvar's product range includes controllers, dimmers, input devices and luminaire components used to tailor a solution depending on the application and requirements. The portfolio also includes a state-of-the-art self-learning wireless lighting control solution, which can be combined with our wired solutions. Our solutions integrate both with the building management system (BMS) and to our cloud-based digital services for lighting intelligence.

## SERVICES

As part of our solutions and through our partner network, Helvar provides on-site services. These include support in concepting and commissioning, digital services for remote and predictive maintenance and monitoring, including emergency testing, control and analytics, like energy management and occupancy.

## BENEFITS

Helvar creates smart environments ensuring savings through energy conservation while improving visual comfort. Its Sensor network, Lighting Intelligence solutions and Helvar Insights digital services affect other building services in improving the wellbeing of occupants in a space and enable buildings to be certified by authorities like LEED and WELL.

## COMPETITIVE ADVANTAGE

Helvar's advanced solutions save up to 50% more energy compared to using only LED while improving visual comfort. Retrieving data from the lighting network improves building performance, supports operations throughout the entire lifecycle, enhances space utilization and the occupant's wellbeing.

## COMPANY

Helvar is a 100-year-old company with a mission to turn everyday places into brighter spaces, providing sustainability, wellbeing and insights for smart buildings. Helvar is a global leader in providing innovative intelligent lighting solutions.

## REFERENCES

To date, Helvar has provided its solutions to more than 4,000 smart buildings – from small offices, warehouses and cultural sites to large universities, hospitals, hotels and airports. Currently, our digital solutions have 200,000 connected devices.

## CONTACT

### Lars Hellström

Head of Strategy & Business Development

+358 40 522 5439

[lars.hellstrom@helvar.com](mailto:lars.hellstrom@helvar.com)

[www.helvar.com](http://www.helvar.com)

# AINS Group – your team for better & bolder construction



**6**  
business sectors

**18**  
locations

**1 300**  
professionals

**#togetherandbetter**



**One of Finland's  
leading design and  
engineering  
companies**

**Expert in  
low-carbon construction  
& sustainable  
construction  
management**

NPS  
**48**



**Global projects in  
70  
countries**

Turnover 2022  
**118 M€**

**6 000**  
Projects per year

**FINLAND**

**3. ENERGY-EFFICIENT  
SOLUTIONS AND  
THE OPTIMIZATION OF  
ENERGY USE**



# AUTOMATED WASTE COLLECTION SYSTEMS

## OUR SOLUTION

We offer high-quality automated (pipe-based) Solid Waste Collection Systems for hospitals, high-density residential and commercial developments, elderly care/nursing homes, and institutional kitchens.

## SERVICES

In the international markets we work through local distributors that provide sales, project management, installation, commissioning and after-sale services for our products.

## BENEFITS

When comparing to conventional collection methods, our systems has many benefits depending on the application. The most common benefits are savings in space and operational costs; improved efficiency, hygiene and well-being; and reduced GHG-emissions.

## COMPETITIVE ADVANTAGE

Our competitive advantage is based on our long experience in the business as well as our flexible and agile supply chain channels and local distributors that know specific needs of the customers in the particular market. We also have some technological advantages.

## COMPANY

Ecosir Group Oy was founded in 2009 when three waste management technology and vacuum technology companies were merged. Through these firms Ecosir has over 30 years of experience in Vacuum transfer and waste management technologies.

## REFERENCES

Many. Will be provided on request for real life project customers.

## CONTACT

### Jarmo Pääjärvi

Business Area Director

+358 50 439 0916

[jarmo.paajarvi@ecosir.com](mailto:jarmo.paajarvi@ecosir.com)

[www.ecosir.com](http://www.ecosir.com)

FINLAND



Funded by the European Union –  
NextGenerationEU

Personnel: 12  
Turnover: 4 M€ (2021)  
Company ID 2683281-7





# MORE ROOM FOR LIFE AND BIG ENERGY SAVINGS

## OUR SOLUTION

Several independent studies have proven that Lumon balcony glazing can help reduce heat consumption and provide remarkable energy savings. The Lumon balcony glazing system has also been shown to reduce the need for outdoor balcony maintenance and repairs. Additionally, it significantly reduces noise in living spaces by up to 27 dB.

Lumon glazing products are suitable for apartment buildings, townhouses, row houses and cottages, for both new and refurbished buildings. Lumon balcony glazings, railings and roofs, together with blinds, form a modern and impressive balcony facade, serving as a pioneer in European architecture. Aluminum and glass are durable, yet light and recyclable materials.

## BENEFITS

Lumon glazing makes your balcony a usable space almost year-round. It is proven to reduce maintenance costs and protects the balcony concrete from deterioration. Lumon solutions increase overall building value and make a pleasing overall building appearance. Noise levels can be reduced by up to 50%. Lumon glazing contributes to LEED certification.

## COMPETITIVE ADVANTAGE

With over 40 years of experience, Lumon has delivered over 1 million balconies. Satisfied customers have given us a Net Promoter Score 72. Lumon supplies high-quality solutions to building companies and more usable living space for end customers with energy savings and noise reduction.

## COMPANY

Lumon is a family-owned, international group focused on the design, sales, production and installation of frameless balcony facades and terrace products. Headquartered in Finland, Lumon has subsidiaries and partners in more than 20 countries.

## SERVICES

Lumon provides expert services and support to architects, engineers and developers. We also deliver design tools, technical documents, research and test results for Lumon glazings. Our building information modeling (BIM) support includes all necessary DWG files and materials for AutoCAD users, Revitool for Revit users and GDL objects for ArchiCAD users.

## CONTACT

### Jari Miettinen

VP, International Operations

+358 400 817 341

[jari.miettinen@lumon.com](mailto:jari.miettinen@lumon.com)

[www.lumon.com](http://www.lumon.com)

**FINLAND**

# **4. LOW-CARBON BUILDING MATERIALS**





# ECOLOGICAL LOG BUILDINGS

## OUR SOLUTION

Kontiotuote Oy designs and manufactures log buildings for many different needs. Our raw material, arctic pine, is 100% renewable and the most ecological choice. 1 m<sup>3</sup> of arctic pine stores 0.9 tons of CO<sub>2</sub>. The wood we use is PEFC certified for sustainable forestry. Our state-of-the-art manufacturing technologies and Scandinavian design, combined with experience from more than 50,000 delivered buildings, make us a reliable partner.

## SERVICES

In addition to building materials, the Kontiotuote concept includes a wide range of technical manuals and support for architectural, technical planning, construction and maintenance phases. We also provide support in arranging the most effective logistics.

## BENEFITS

Our nearly 50 years of experience and international presence with the most ecological product make us a reliable and preferred partner for building projects all over the world. Our proven and well-documented concept enables success for any project within an agreed schedule.

## COMPETITIVE ADVANTAGE

Our advantage is based on global experience, continuous R&D and state-of-the-art manufacturing. Our products are made with arctic pine, which is 100% renewable, recyclable, demountable and ecological. We are proud of our engineering know-how called Kontio Woodhow™ and our Healthy Living™ program.

## COMPANY

Kontiotuote Oy was founded in the early 1970s in Pudasjärvi, Finland. Since then, Kontio has grown to become the industry pioneer in developing the know-how and new technologies for massive wood buildings. Our 260 highly skilled employees, including 50 engineers, give us a competitive edge in the wood building industry.

## CONTACT

**Hanna Haipus**

B2B Director  
+358 50 408 5073

[hanna.haipus@kontio.fi](mailto:hanna.haipus@kontio.fi)  
[kontio.com](https://www.kontio.com)



**FINLAND**



Funded by the European Union –  
NextGenerationEU

Personnel: 260  
Turnover: EUR 72 million (2021)  
Company ID: 0243055-7

**KONTIO**

# FORERUNNER IN LOW-CARBON CONSTRUCTION



**-50%**  
CO<sub>2</sub>

## Low-carbon construction: DELTABEAM® Green

The first company to offer steel structures made from >90% recycled steel. This decreases beam CO<sub>2</sub> emissions by 50%.



**Hybrid solutions**

## Low-carbon construction: DELTABEAM® and Timber slabs

The first company to actively offer slim floor structures in combination with wooden floor slabs and to invest in researching this topic.



## Circular economy: Use, reuse and recycle

The first company to offer precast connections that enable a disassembly design and make the reuse of building components possible.

## OUR SOLUTION

Peikko is a leading global supplier of slim floor structures, wind energy applications and connection technology construction. Our innovative solutions offer a faster, safer and more sustainable way to design and build frames.

The building industry is responsible for major societal impact, with 40% of total energy use and 30% of the global amount of waste. Moreover, the concrete business is a major producer of excess material. As an industry forerunner, Peikko is determined to be part of the solution and not the problem. We believe that you should not have to choose between efficiency and the environment. Raw materials are simply too precious to be wasted.

## SERVICES

We are committed to constantly improving our operations and business sustainability. It is important to transparently communicate how Peikko operates when it comes to environmental, social and governance matters. This is not only important for our customers and employees, but also for other stakeholders and communities, where we are locally present.

## COMPETITIVE ADVANTAGE

Sustainability is part of Peikko's way of working. It enables us to deliver better solutions for our customers, drive operational efficiency, be an attractive employer, manage risks and support society in many ways. We have chosen six sustainable development goals connected to our own operations, and they also support our customers in their actions to decrease CO<sub>2</sub> emissions.

## COMPANY

Peikko has sales offices in over 30 countries in Asia-Pacific, Europe, Africa, the Middle East and North America, with manufacturing operations in 12 countries. Peikko generated a turnover of EUR 255 million in 2021. Peikko is a family-owned and managed company that employs about 2,000 professionals globally.

## CONTACT

### Simo Hakkarainen

Business Director  
+358 44 712 3234

[simo.hakkarainen@peikko.com](mailto:simo.hakkarainen@peikko.com)

[www.peikko.com](http://www.peikko.com)

FINLAND



Funded by the European Union –  
NextGenerationEU

Personnel: 2,000  
Turnover: EUR 255 million (2021)  
Company ID: 0641926-7

