HONKA PROJECTS



From Karstula to Karuizawa

HONKA®

"Being a pioneer in log construction is not something you can simply 'achieve' once and for all. We need to keep working on this in line with our key values: courage, passion and caring."

Marko Saarelainen
CEO



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YOUR TRUSTED PARTNER AND A GLOBAL PIONEER IN SUSTAINABLE LIVING

We were born in Finland but raised around the world. As the world's first industrial log house manufacturer, we have built over 85,000 houses in more than 50 countries and introduced countless game-changing innovations in log construction. Like strong pine trees, Honka has its roots deep in the Finnish forests.

Our journey began in Karelian forests in 1958 when, united by a desire to build houses, five brothers put Honka on the map, bringing log building to the world's attention. The Saarelainen brothers grew up amid the northern natural wonders of Eastern Finland and learned to know and love wood from the perspective of skilled and innovative craftsmen. They dreamed of creating houses from Finnish pine, bringing the soothing benefits of solid wood to people around the world. The founders' vision of Honkarakenne as a strong forerunner has been kept alive ever since.

Honka is a global pioneer in modern log building technology. Our log houses are crafted from the finest wood, based on years of knowledge and the long experience of the world's most modern log house factory in Karstula, Finland. It is vital to us that all the wood we use originates from PEFC-certified and sustainably managed Finnish forests.

Our extensive expertise in handling one of the world's oldest and most natural building materials makes us experts in healthy and ecological living. This means continuous product development and evolving our range of products and services based on the specific needs and desires of customers in our main markets. Being a family company at heart, we have always done things "person to person", a philosophy which has sustained our company for over 60 years.

I would like to give my personal thanks to all our customers, representatives, subcontractors, builders, cooperation partners, shareholders and other stakeholders around the world for sharing our wonderful journey so far. Our employees, from Karstula to Kenya and from Tuusula to Tokyo, deserve special acknowledgement. Join us on a tour of inspiring Honka B2B projects around the world!



MARKO SAARELAINEN

PRESIDENT, CEO



"At Honkarakenne, we are committed to developing log home construction, preserving the natural world, and ensuring that future generations live in the same or better conditions than we do today."

MARKO SAARELAINEN
CEO

A HEALTHY AND ECOLOGICAL LIFESTYLE

CLIMATE-FRIENDLY LOG BUILDINGS

Honka houses are built from high-quality pine and spruce sourced from PEFC-certified Finnish forests. Our construction material is 100% renewable and organic – the perfect choice for solid wood structures. By building with logs, we are combating the rise in atmospheric carbon dioxide (CO_2).

Log houses have a smaller lifecycle-based carbon footprint than other wooden houses. When growing, wood acts as a carbon sink, binding carbon dioxide from the atmosphere. Studies show that one cubic metre of laminated log can bind 518kg of carbon dioxide. At the end of a Honka building's lifecycle, the logs can be used for energy production or further processed into e.g. biofuel.

Environmental values are a priority for us: Honka log homes are designed to last from generation to generation. We continuously renew our production to increase energy-efficiency and save on wood. We produce all our buildings to order at our factory in Karstula, Central Finland. During production, we follow ecologically sustainable principles from the raw material stage to the final building.

DID YOU KNOW?

Around 46,000 kilos of carbon dioxide (CO_2) are bound by each detached log home (145m²). This high carbon stockpile is the equivalent to around 24 years of driving a family car.

Wood is a renewable material: the cubic metres of log needed to build one detached house grow in just one summer day in Finland.

Studies have shown that wood has similar psychological effects to a forest landscape. Wood relaxes people, lowering their blood pressure, heart rate, and stress levels.

Log walls balance out humidity variations in indoor air and improve air quality.

AN INVESTMENT IN QUALITY OF LIFE

A modern log house is an excellent investment in quality of life. It is a comfortable, safe, healthy and sustainable home where everyone thrives. Safe, natural materials, harmonious spaces and the gentle scent of wood bring quality to each and every day.

Solid wood has the unique ability to absorb moisture and release it back into the air as a room dries. This maintains indoor air humidity between 30 and 50%, which is optimal for the health of residents.

Wood absorbs sounds and creates a calming, relaxing atmosphere. Numerous studies have demonstrated that environments with wooden structures lower the blood pressure and heart rate, inducing feelings of relaxation. Rather like a walk in the woods, wooden environments seem to reduce stress.

All these healthy features help us to relax and feel better. A stay in a log house lowers our blood pressure and creates the perfect surroundings for restoring our physical and emotional balance. People tend to sleep better and enjoy the connection with natural materials in log homes.



ARCHITECTURE AND DESIGN

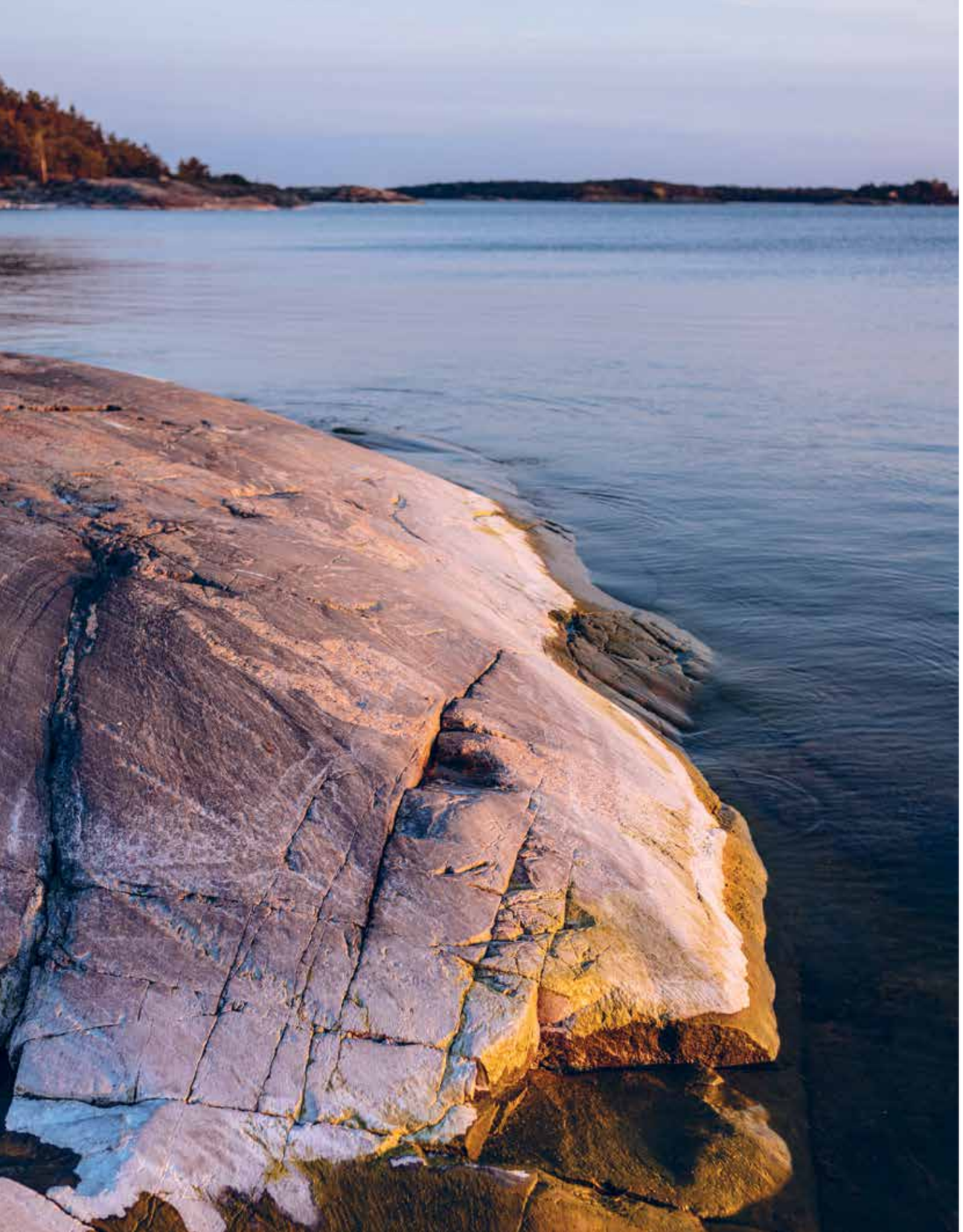
Combine a traditional building method with inspiring architecture and the latest technology to create unforgettable experiences with a real WOW factor. Shifting to wood saves lots of time in the building phase and provides the quality expected from luxurious homes.

Finnish wood is a durable building material. Little wonder, therefore, that some log houses are still being used centuries after they were built. The popularity of log as the frame material for leisure homes may lead people to believe that it is suitable only for cabins and villas. In fact, log construction offers huge possibilities and can enable impressive, large-scale architecture.

Logs are a versatile and pliable building material. They bend to the wishes of designers and architects just as they do to the wind in nature. Logs can easily be combined with many interesting materials, including stone, steel and glass. There's also plenty of room for play, and even wild ideas like tall romantic towers or diverse wood carvings are easy to implement. At its best, the end result is like a work of art: expressive, vivid and completely unique.

Honkarakenne has been a hard-working developer of log construction throughout the company's history. The latest example of this is the genuinely non-settling Honka Fusion log, a game-changing product across the industry. The Honka Fusion concept provides the indisputable benefits of solid wood construction without major compromises in architecture or structural engineering.

Indoors, log also enables interesting architectural solutions. When planning for surface materials, the load-bearing log structure is a beautiful solution in itself. At its simplest, wood in its natural color and only a light treatment is a lovely solution to the interior design. Log surface can be treated with various clear or coloured finishes to create the desired look. Only sky's the limit in the interior design of a log house.



NORDIC QUALITY

Honka houses are designed and built to endure in extreme conditions. Our product development is guided by our vision of Honka as a pioneer in healthy, safe and ecologically sustainable living.

When designed and built correctly to protect it from humidity and extreme weather conditions, a log building can last for hundreds of years. As the world's first industrial manufacturer of log houses, Honka has always been at the forefront of the wood processing industry. Turning a centuries-old tradition of craftsmanship into an industrial operation required vision, conviction, and the courage to turn our ideas into technology. The innovations we've created throughout our history have brought us numerous patents, utility models and protected designs.

Honka uses cutting-edge production technology to process wood into the best possible construction material for houses that endure extreme conditions. A high level of automation ensures dimensionally accurate woodwork in every Honka house, enabling fast and precise on-site installation and construction. Breathing wall structures are moisture-safe, which is an important factor in durability. Wood-based single-material wall structures are breathing and can dry from both sides – there are no cold bridges or surfaces where moisture can collect.

We have been working intensively on the tightness of Honka log houses for a long time. Tightness is very important not only for the living comfort of your house, but also in terms of durability, energy consumption and fire safety of your house. Tightness also protects your house from water damage. The quality of the wood and the drying and preparation processes it goes through are very important: every beam and log has to be shaped and adjusted to ensure perfect water-resistance.

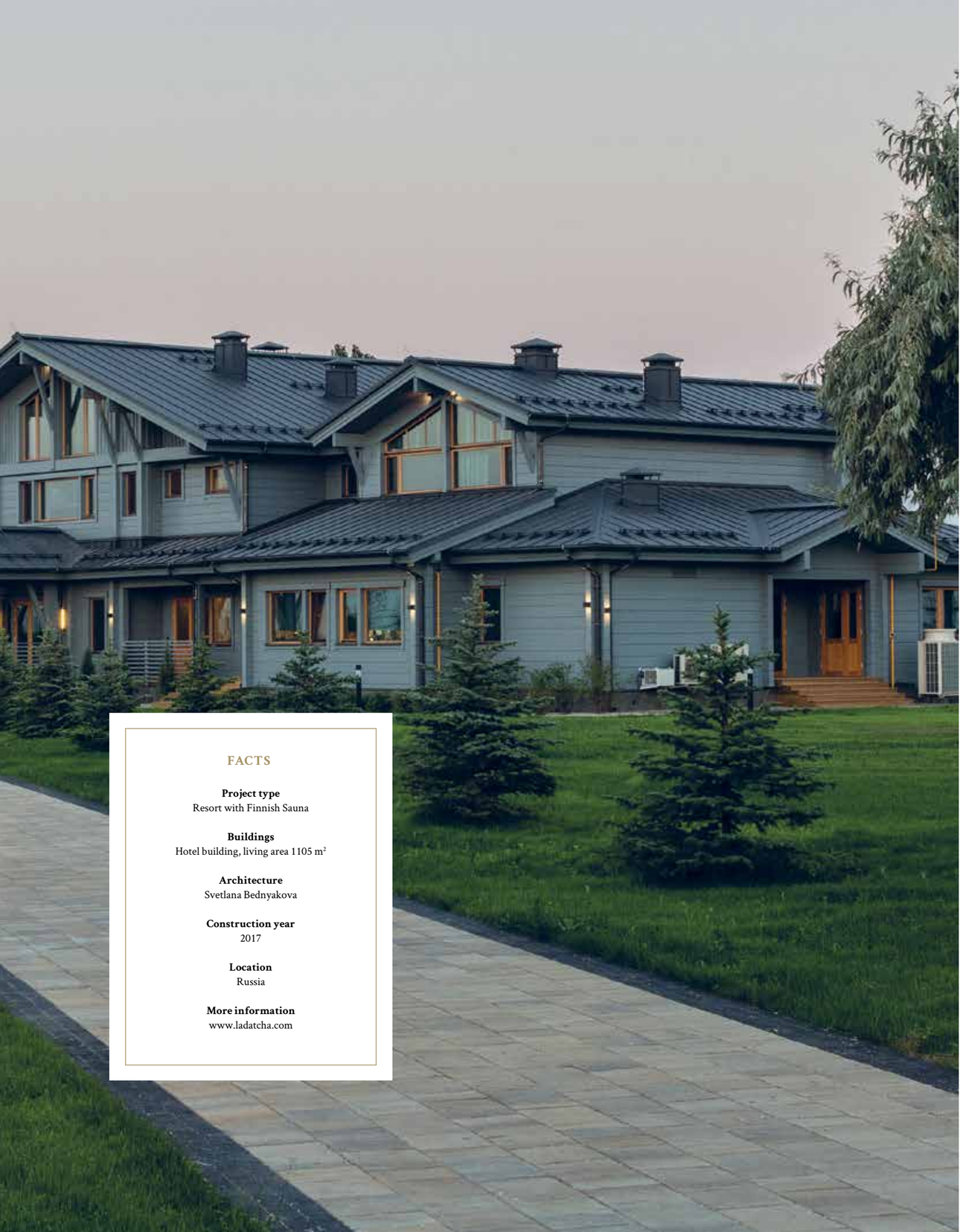
Honka has unrivalled expertise based on years of research and testing, having supplied over 85,000 log buildings in more than 50 countries. We ensure that our patented Honka technology works faultlessly in all climates and geographical conditions. Honka has been granted the ISO 9001 quality certificate and our operations are certified in accordance with the ISO 14001 environmental standard.

From raw material to finished product, Honka stands for uncompromising high quality. We are proud to say that we make some of the most airtight, moisture-safe and earthquake-resistant homes on the market.

RESORT & HOTELS

*“Ecological lifestyle is a global megatrend.
People want to care for nature and their
living environment as a counteraction
to the impacts of climate change.
This can also be seen in the hospitality business:
eco hotels have become an increasingly
popular alternative in the tourism industry.“*

JARI TUNTTUNEN
SALES MANAGER
GLOBAL MARKETS, HONKA



FACTS

Project type
Resort with Finnish Sauna

Buildings
Hotel building, living area 1105 m^2

Architecture
Svetlana Bednyakova

Construction year
2017

Location
Russia

More information
www.ladatcha.com

LA DATCHA ASTRAKHAN

A LUXURIOUS LODGE BY THE VOLGA RIVER

Part of the Tinkoff Collection of exclusive holiday destinations, La Datcha Astrakhan is a quiet oasis by the Volga River in Russia – a perfect spot for fishing and spearfishing. Designed for active recreation and relaxing getaways, this luxury lodge is available for booking in its entirety, for holidays with family, friends or business partners.

Every holiday destination in the exclusive Tinkoff Collection emphasises a sporting pursuit of its owner, and the latest addition is no exception: alpine skiing in France, cycling in Italy, and now also angling and spearfishing at La Datcha Astrakhan.
The La Datcha on the Volga was built specially for active rest and recreation: Astrakhan is one of the main fishing sites in the country and worldwide. The guests have access to three launches for fishing and trips on the water, along with all the necessary gear: fishing overalls, tackle and bait. You can catch fish on the Volga all year round, and the wardens can show La Datcha guests the best locations for the most enjoyable experience.

The main house provides comfortable accommodation for up to 12 people, while the guest cottages take a total of 10 people. The ground floor of the main house comprises a luxurious drawing room, a cosy dining room with a bar and a billiard room. The first floor of the main house has five bedrooms, four of which have their own balconies. The right wing includes spa and fitness facilities, a steam room, a hammam and a cold plunge pool.

La Datcha Astrakhan's kitchen, with its own chef from St Petersburg, emphasises the fine customs of Russian hospitality. Guests are served traditional Russian dishes and local delicacies: sturgeon, sevruga, starlet, beluga and black and pike caviar.

La Datcha project is another fine example of Honka's turnkey solutions. The project as a whole, from the architectural concept to the arrival of the first guests, took just 11 months to complete. All services – from architectural design through construction and landscaping work to interior decoration

with elements manufactured at the company's own carpentry facility – were developed and implemented by specialists from Rossa Rakenne, the exclusive distributor of the Finnish Honka houses in Russia. The project was completed by specialists from the Moscow office of Honka.

Svetlana Bednyakova, an architect at Honka involved in the project for this home on the Volga, was guided by the concept of a floating dock. The predominance of horizontal lines and the colour of the structure are indeed evocative of pontoons.



PHOTOS: LA DATCHA TINKOFF COLLECTION (C)



"I approached the best designers, architects and other specialists. Honka came out on top and realised a turnkey project for a house made from laminated logs. There's nothing like it on the same scale and quality of service within a 1000-kilometre radius. I believe that even the most active recreation and sport can be combined with top-notch comfort."

OLEG TINKOV

OWNER OF
THE TINKOFF COLLECTION





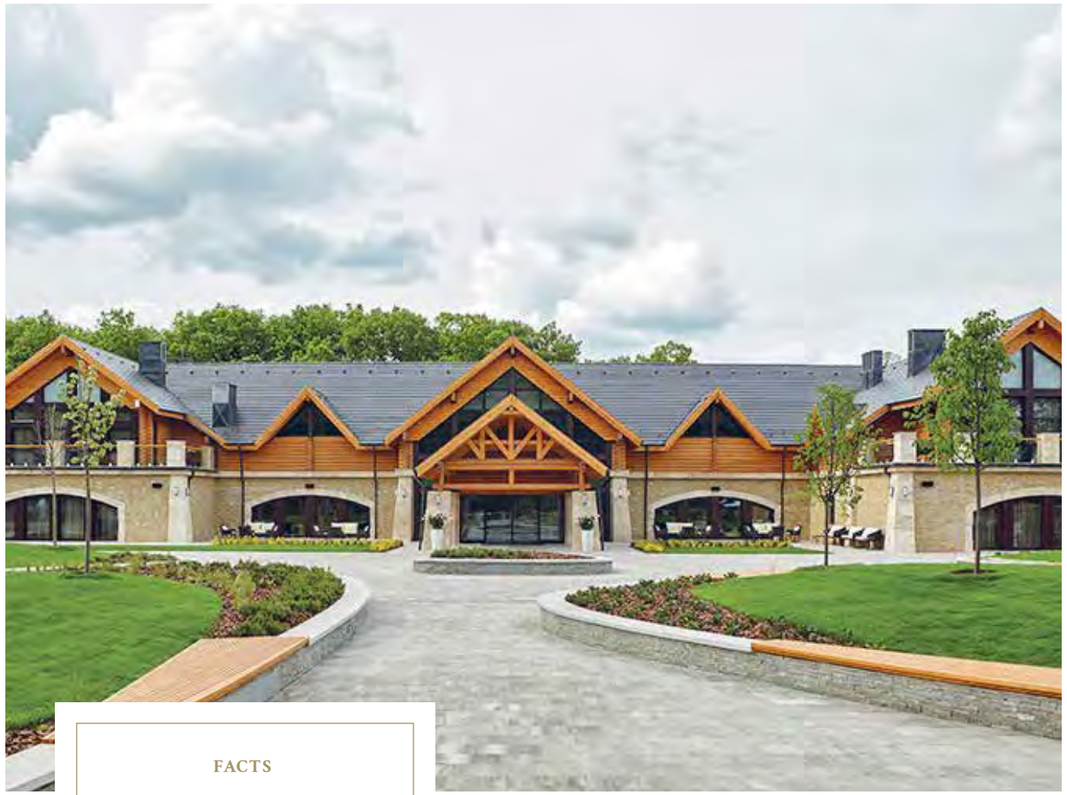


"We decided to combine wood, Italian marble and travertine and to use flax and woollen burlap for upholstery. Guests will find all of these rooms comfortable even on the hottest days: bright sunlight is kept out by remote-controlled window blinds and thick curtains made from a mixture of natural wool and silk."

ANNA PETROVA

THE HEAD OF HONKA DESIGN STUDIO
ROSSA RAKENNE





FACTS

Project type
Resort with Finnish Sauna

Buildings
Main building, conference hall, restaurant, outdoor sauna building and 15 two-storey log villas

Architecture
Csikós Mihály & Pető György

Location
Miskolctapolca, Hungary

Construction year
2015

More information
www.avalonpark.hu

AVALON PARK RESORT & SPA

INSPIRING EXPERIENCES IN NATURE

Nestled in the Bükk Mountains in Hungary, the award-winning Avalon Park Resort and Spa provides high-quality holidays in unique natural surroundings. The resort offers opportunities for active entertainment and tranquil recreation, fulfilling the demands of families, groups of friends and businessmen with a unique style.

The Avalon Park resort was constructed in a five-hectare range in the Bükk National Park area. Besides the beautiful mountain scenery, the Avalon Park itself is a harmonious entity composed of ecologically sustainable log houses with modern facilities. Renewable solid wood was chosen as the construction material in order to provide the guests relaxing stays in harmony with nature. Electric golf carts are used in the area instead of gasoline-powered transportation.

The Avalon Resort & Spa offers 33 fully equipped rooms, 2 luxury suites and 15 exclusive HONKA log villas for guests looking for a stay in close proximity to nature. The use of natural wood creates a great atmosphere for the holiday resort. Also the conference hall, one of the restaurants and an inspiring sauna building are all made from renewable wood with Honka technology.

The Avalon SPA offers both physical and mental recuperation, featuring a swimming pool and jacuzzi, children's pool, different types of sauna, a salt chamber and a steam bath. Guests have access to a heated warm water adventure pool both in summer and winter and a Finnish sauna building offers unforgettable experiences throughout the year.

The indoor and outdoor wellness facilities of Avalon Spa provide both physical and mental recuperation. The 2,500-square-meter open-air Maya Play Park is a truly divine spot for children, while the HELL Kart & Event Center, with its 35 electric go-karts, is the favourite of families and groups of friends. The Avalon Beer Garden with local treats and the Avalon Ristorante with its authentic Italian flavours cater to all the demands of its guests. Taking the needs of companies and businessmen into consideration, the conference facilities equipped with the latest technology provide the ideal setting for hosting successful business seminars and negotiations.





"Fantastic design, congrats!
Wood combined with modern furniture –
I loved it.

CLIENT REVIEW

TRIPADVISOR

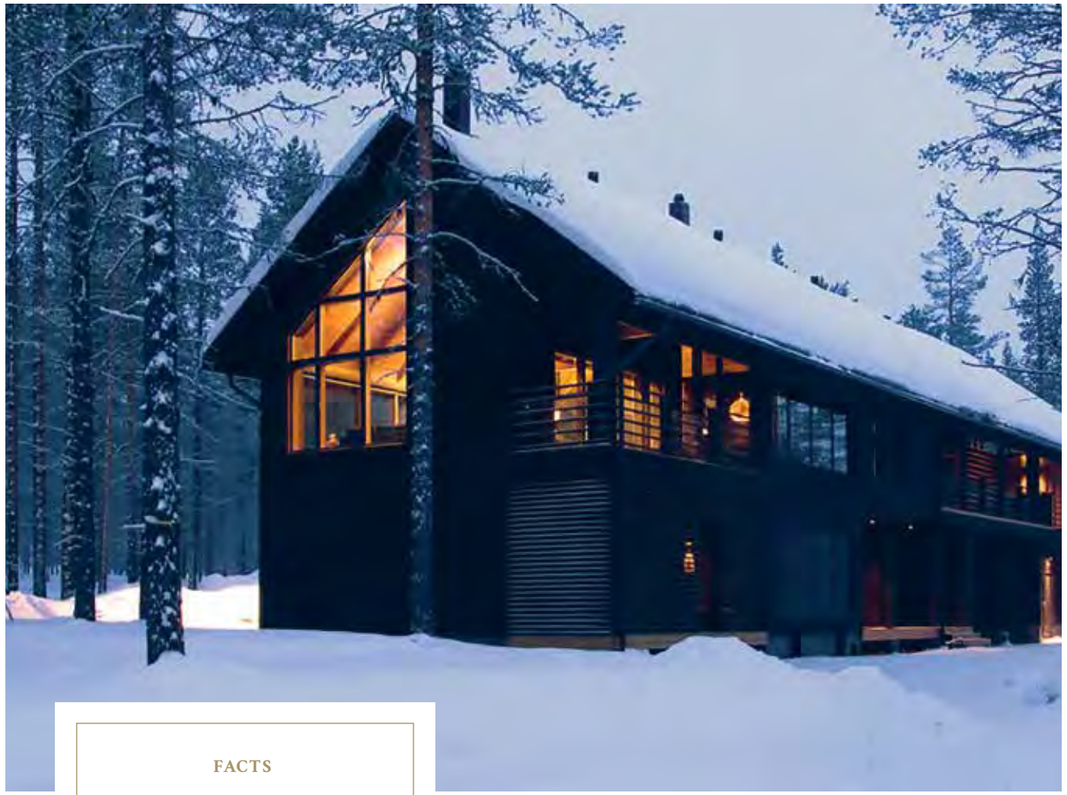


The Avalon Park was awarded at the World Luxury Hotel Awards 2017 as the winner of three categories: the Luxury Spa Resort, the Luxury Family Resort and the Luxury Theme Park Resort.









FACTS

Project type
Holiday resort

Buildings supplied by Honkarakenne:
3 holiday lodges

Floor area
460 m²

Architecture
Kari Lappalainen

Location
Levi, Lapland, Finland

Honka ID
010873

More information
www.levispirit.fi

LEVI SPIRIT VILLAS

NATURE PROVIDES PEACE AND SERENITY IN LEVI SPIRIT RESORT

Levi Spirit is an exceptional destination where you can feel at one with Lapland's amazing wilderness. Honkarakenne delivered in the area three high-quality villas that were designed to fit the theme "Definition of Arctic Luxury".

The unique villas are situated in the middle of vast wilderness areas in Finnish Lapland, 170 km north of the Arctic Circle. Levi is a popular ski resort in Finnish Lapland offering an extensive selection of first-rate services for guests. Located only 10 minutes from the Levi ski centre but still in their own privacy, these luxury villas offer peace and comfort in the calm of Arctic nature.

Levi Spirit respects the extremely fragile northern ecosystem. Only environmentally friendly high-quality natural materials were used in the construction, which ensure that future generations will also be able to enjoy the Levi Spirit villas.

Natural solid wood creates just the right kind of atmosphere for the Levi Spirit villas. The three villas, each 460 square meters, were built with the non-settling Honka log frame which enabled a contemporary Scandinavian design with large windows and minimalistic details.

The use of natural materials is satisfactory in many ways. The breathing and naturally antibacterial Finnish pine is the perfect material for building healthy log homes. Furthermore, using renewable wood in construction is an ecological choice, providing endless versatility for visual design.

The practical arrangement of the interior spaces, the high-quality materials and state-of-the-art technology create a totally unique and extremely pleasant living experience. When the weather outside is frightful, it's nice to lean back in front of the fire or enjoy the warmth of your own personal spa and sauna.

The Levi Spirit villa XXL has room for 10 people: one double master bedroom, three double bedrooms and a twin loft room. Each bedroom has an en-suite bathroom. In addition, the building has a living room, dining room, kitchen, fireplace, two balconies, lounge, sauna, dressing room, shower, toilet, carport, drying room, equipment storage, entrance and two patios.

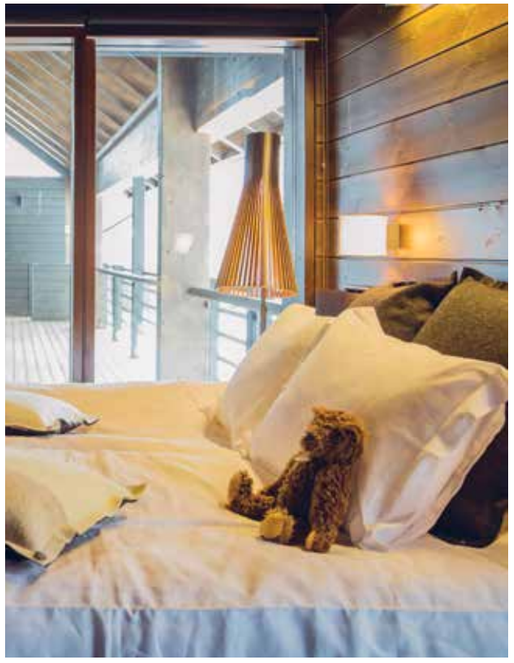
"Anyone looking for space, peace and privacy will discover that the Levi Spirit villa with its surroundings is a unique space in a unique location: it was built with astounding skill down to the smallest detail."

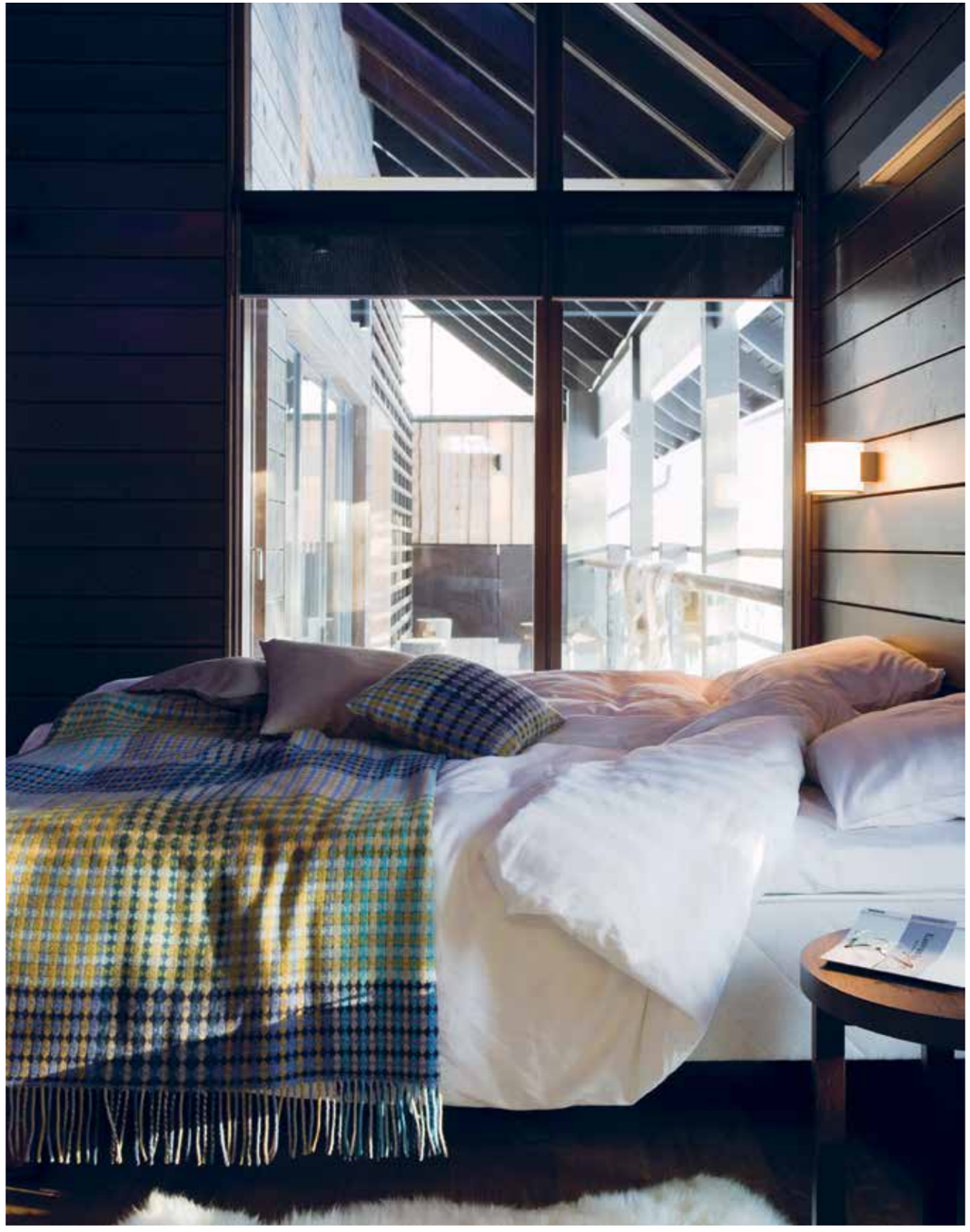
KARI LAPPALAINEN

ARCHITECT & INTERIOR DESIGNER













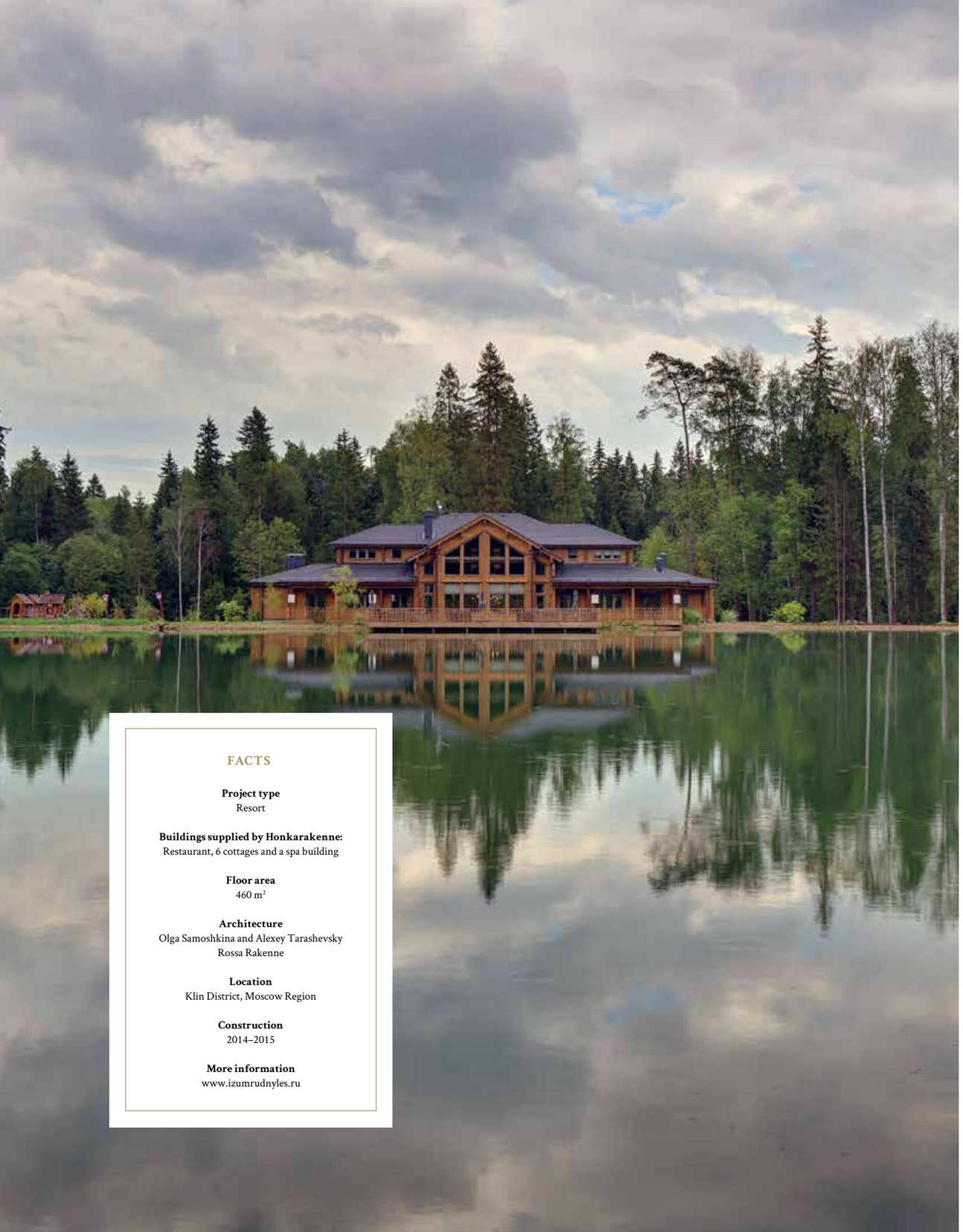


The Levi Spirit was selected as one of the Top 20 winter vacation destinations in the world by Time Magazine and among the 25 most romantic hotels in Europe by French Elle magazine.

"Luxury villa with five stars and absolutely relaxing atmosphere. Villa is nicely done, it also has very good soundproofs so that you can enjoy early evenings or late mornings while others are awake in the living room. Villa has absolutely all the facilities for nice, relaxing get away. Strong recommendation!"

CLIENT REVIEW

TRIPADVISOR



FACTS

Project type
Resort

Buildings supplied by Honkarakenne:
Restaurant, 6 cottages and a spa building

Floor area
460 m²

Architecture
Olga Samoshkina and Alexey Tarashevsky
Rossa Rakenne

Location
Klin District, Moscow Region

Construction
2014–2015

More information
www.izumrudnyles.ru

ECO HOTEL IZUMRUDNY LES

ACTIVE LEISURE AND RELAXATION IN A PICTURESQUE SETTING

Izumrudy Les is an eco hotel near Moscow, Russia, offering a wide range of entertainment, leisure activities and relaxation opportunities in a peaceful countryside setting. Honkarakenne supplied the area with a restaurant, a spa building and six cottages with all modern comforts.

The resort is targeted towards customers who value an active, healthy and ecological lifestyle. The resort offers an array of leisure activities ranging from outdoor sports, fishing and hunting to visiting a safari park or even riding a hot air balloon. Those who enjoy more quiet holidays can enjoy slow walks in the pine woods, taking in the clean air, or swimming and sunbathing on the private beach or in a relaxing swimming pool. There is also a playground, a petting zoo and pony rides for the younger customers.

Ecological, safe and durable log buildings were a natural choice for this naturally beautiful setting. Honkarakenne, a Finnish company known for its high quality and ecological, healthy houses, was chosen as the supplier of the restaurant building, the spa building and six cottages. The buildings were designed by architects **Olga Samoshkina** and **Alexey Tarashevsky** and *Rossa Rakenne*, Honka's representative in Russia, was responsible for the construction project.

The modern Scandinavian style cottages offer beautiful views over the forest, park or pond. The layout includes a living room, kitchen, bathroom, study, a hall and two bedrooms with private bathrooms. Furniture and other interior items are made of natural, eco-friendly materials that are pleasant to the touch. The cottages can accommodate up to six people. More accommodation is available in the hotel building.

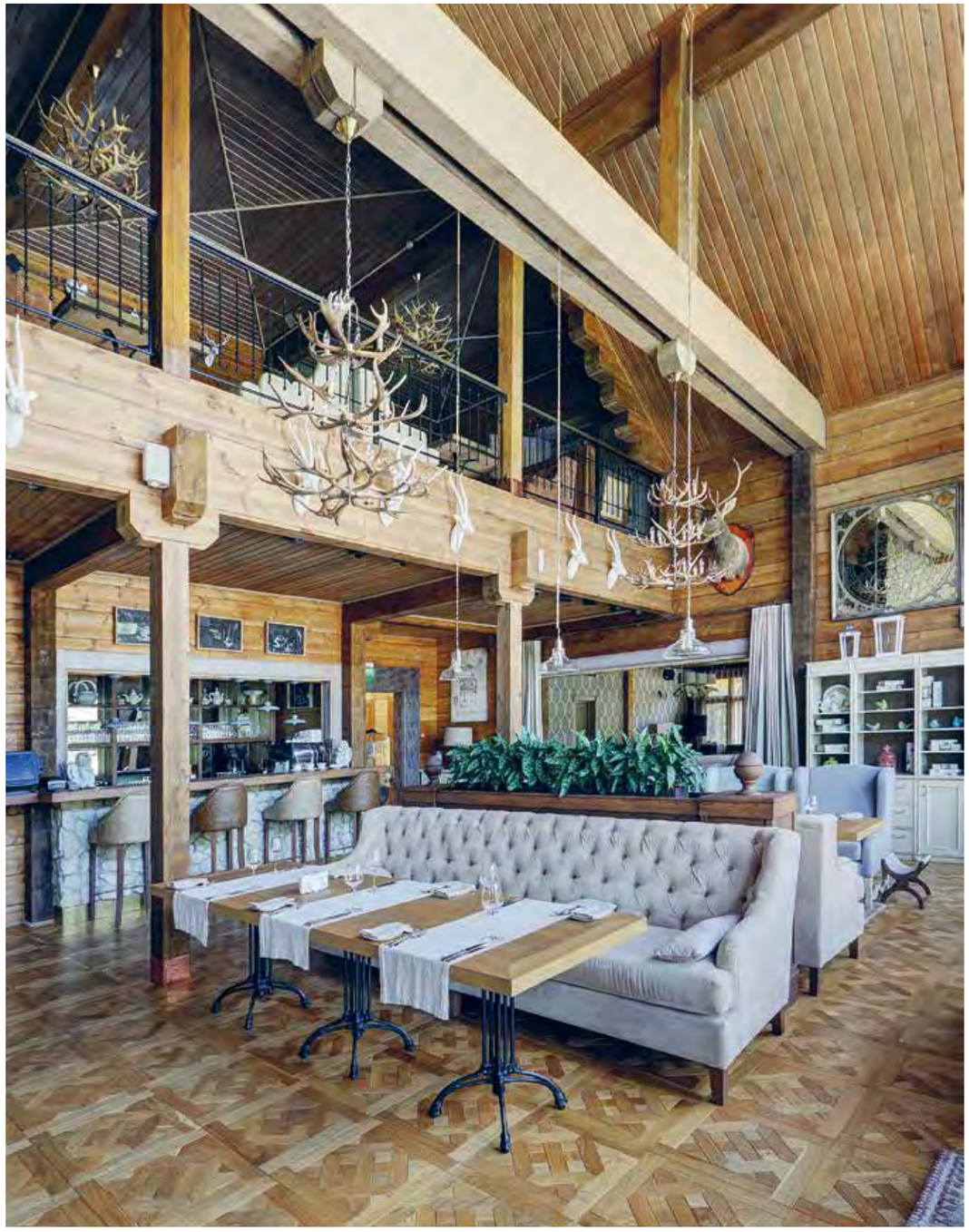
The restaurant *"FORREST"* offers tasty treats and panoramic views over the picturesque pond. The two-storey wooden building with a natural colour scheme blends seamlessly to its naturally beautiful surroundings. Natural materials were chosen for the furniture and accessories to complete the look.

The spa building is an oasis of serenity and peace of mind, offering various treatments and equipped with a gym, a Finnish style sauna, a Turkish style hammam and a













"Together with my son and wife we've spent three nights at Izumrudny Les right after the New Year 2020. We stayed at duplex which was spacious, warm and cosy. I really liked the wood smell inside house. (...) While taking a walk in the late evening we even saw the couple of deer. Probably one of the best places to enjoy winter which is 1 hour by car from Moscow."

CLIENT REVIEW

TRIPADVISOR







FACTS

Project type
Hotel

Accommodates:
18 adults

Rooms:
9 bedrooms + kid's bunkroom,
restaurant, wine cellar, party room, gym,
indoor pool, steam room,
indoor and outdoor jacuzzis

Location
Verbier, Switzerland

Construction
2003

More information
www.virginlimitededition.com/en/the-lodge

Included in the CNN's list "10 of the world's most beautiful ski resorts", The Lodge exudes unique charm and atmosphere.

THE LODGE

LUXURY CHALET IN VERBIER

Sir Richard Branson's mountain retreat in Verbier, perched high in the Swiss Alps, is the perfect year-round escape. Complete with nine stunning bedrooms and suites, an indoor pool, indoor and outdoor hot tubs and a friendly team of experienced staff including a spa therapist and Michelin-star trained chefs, The Lodge is a true alpine paradise, ideal for a luxury ski holiday or an active summer break.

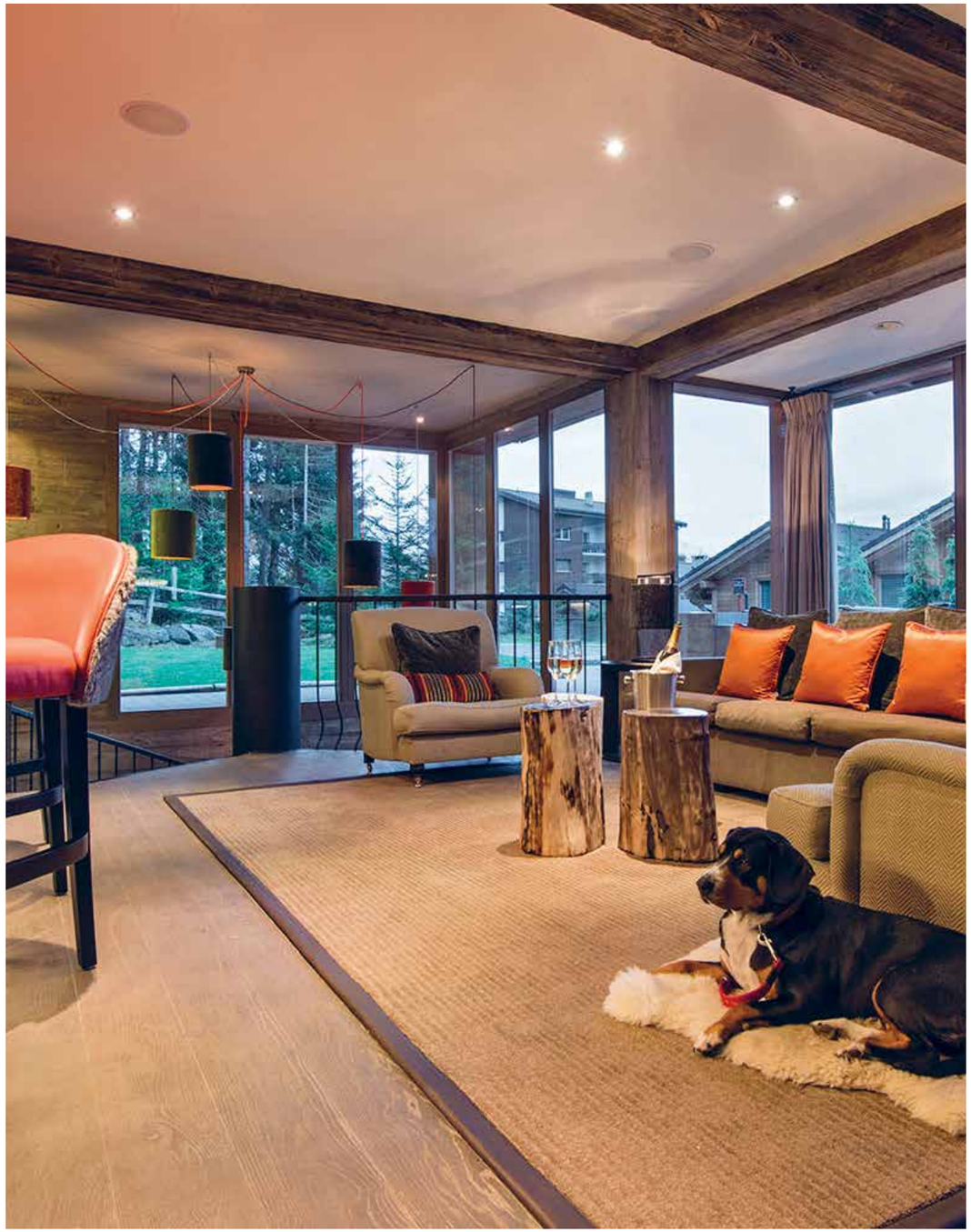
Verbier is a village located in south-western Switzerland, recognized as one of the premier backcountry ski resorts in the world. The Lodge is located at an altitude of approximately 1,500 m, perched high in the Swiss Alps in a forested area just a five-minute walk from the town centre of Verbier.

The three-floor classic round-log building is set on a pristine location, only 250 metres from the ski lifts. This picturesque chalet was supplied by Honka in 2003 and bought by **Sir Richard Branson** who fell in love with the place and wanted to add it to his Virgin Limited Edition destinations.

The chalet sleeps up to 18 adults in seven beautifully decorated luxury bedrooms and two stunning Master Suites, all enjoying views to the valley below. An additional six children can be accommodated in the kid's bunkroom. All rooms are uniquely decorated with a pleasing mix of traditional chalet-style and contemporary style.

You will feel the warmth of the chalet as soon as you walk in, as guests are met with a friendly welcome in the reception hall with an open fireplace. Dining is one of the holiday highlights and the open kitchen of The Lodge provides an excellent opportunity to observe the Michelin-star trained chefs at work. The menu in the restaurant is a mixture of Swiss and international cuisine. The Lodge can be booked exclusively for groups year-round, but in the summer months and during selected winter weeks you can book an individual room.









"Visited with my mother as a birthday present - the best present I could have ever wished for. The location was amazing, and the lodge unbelievable. It really felt like a home from home (if only my home was like that!)"

CLIENT REVIEW

TRIPADVISOR



"From the moment I saw it I knew this beautiful chalet in the Swiss Alps was destined to become my favourite mountain hideaway.
I chose Verbier because it's an amazing year-round destination and offers world-class skiing, fabulous après-ski and everything you could wish for in a summer escape!"

SIR RICHARD BRANSON

OWNER OF THE VIRGIN GROUP

PRINCE VACATION CLUB VILLA KARUIZAWA ASAMA

LUXURY AND SOPHISTICATION FOR HOLIDAYMAKERS

Prince Vacation Club Villa Karuizawa Asama, which opened in the summer of 2019 in Japan, is a dream resort for luxury holidaymakers. The concept of the resort is completely new: Customers who have bought a membership can enjoy various services and high-quality hospitality provided by the adjacent Karuizawa Asama Prince Hotel.

Prince Vacation Club Villa Karuizawa Asama offers a possibility for relax and freely enjoy the resort life, such as sweating outdoor sports, and relaxation in hot spring with a panoramic view of the magnificent Asama volcano or in the treatment salon. The fine-dining restaurants provide culinary treats prepared by master chefs.

Prince Vacation Club Karuizawa Asama is targeted to high-end customers who like to enjoy high quality and healthy living. Being made of natural wood, the hotel offers just that. Scientists have discovered that buildings with wooden structures lower blood pressure and heart rate. Solid wood also has excellent acoustic properties, absorbing sounds and creating a calming and cosy atmosphere.

Honka logs create a modern and sophisticated space. This gives Prince Vacation Club Villa Karuizawa Asama its distinctive look. The interiors of the modern and elegant hotel have been designed accordingly. The lighting has been chosen to complement the design of the building. The large window walls let natural light flood in. The furniture and decorative materials reflect natural, healthy living. The lobby has a pellet stove which creates a warm, cosy place to relax.

The logs for the hotel which consists of 15 log villas and a hot spring building, have been delivered all the way from Finnish pine forests and have been carefully selected and crafted specially for this building project.

FACTS

Project type
Resort

Buildings supplied by Honka:
15 villas and
hot spring building

Location
Karuizawa, Japan

Construction
2019

More information
www.princevacationclub.com



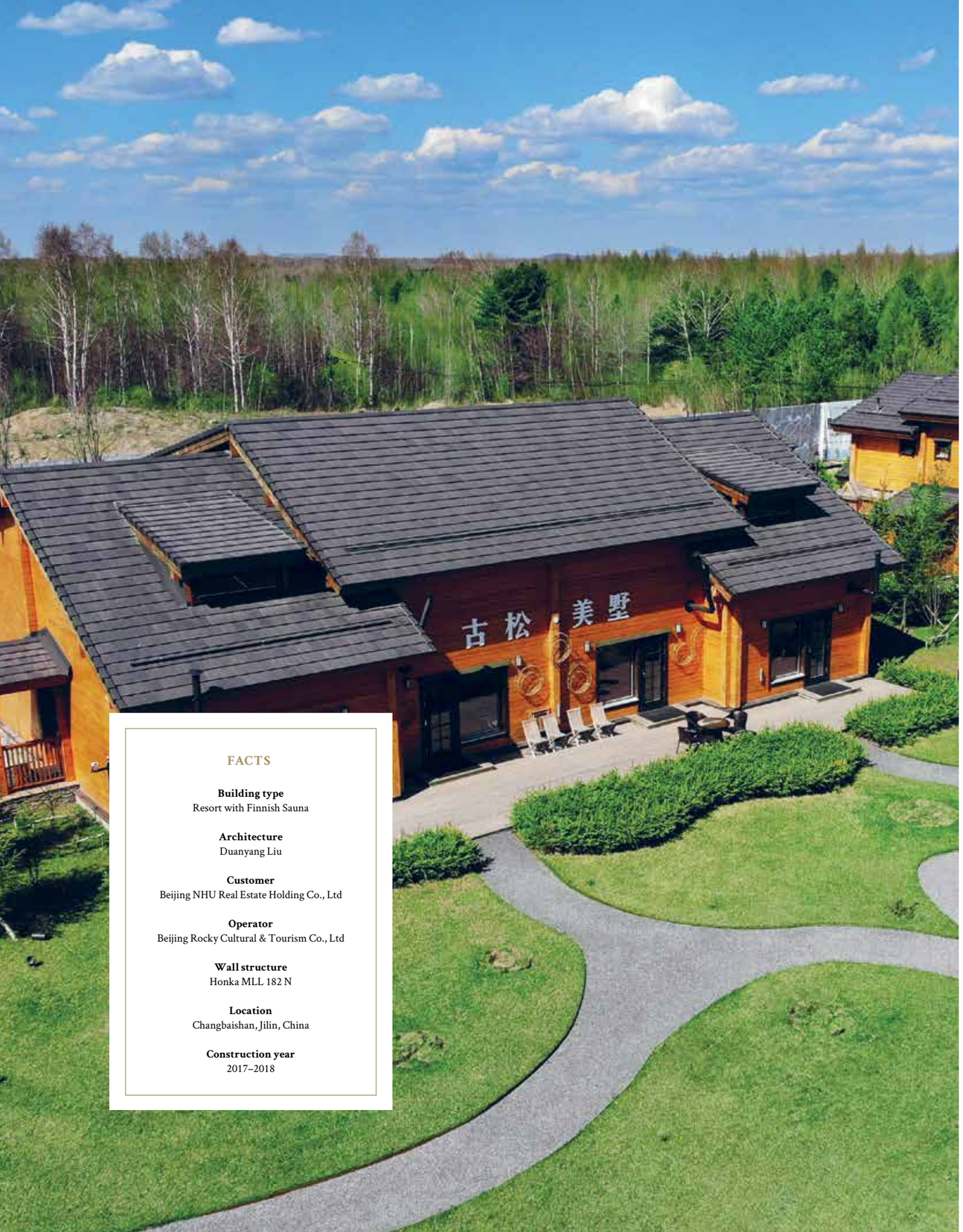








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FACTS

Building type
Resort with Finnish Sauna

Architecture
Duanyang Liu

Customer
Beijing NHU Real Estate Holding Co., Ltd

Operator
Beijing Rocky Cultural & Tourism Co., Ltd

Wall structure
Honka MLL 182 N

Location
Changbaishan, Jilin, China

Construction year
2017–2018

HONKA METSÄ INN

EXPERIENCE THE FOUR SEASONS IN A CHINESE FOREST RESORT

Located in the west slope of Changbai Mountain, the most magnificent dormant volcano in Northeast China, the HONKA Metsa Resort offers unforgettable experiences for ski enthusiasts and nature lovers.

The resort attracts international tourists during all four seasons due to its unique location in a beautiful forest park. In the springtime, Japanese and South Korean visitors soak up the sunshine by the Heaven Pool while tourists from Beijing and other international cities enjoy the skiing opportunities provided by the mountain. The resort is also popular among Chinese families who want to experience the ice and snow of the winter season.

The resort consists of several Northern European style townhouses and saunas, which are built and operated by Songwood Co., a Chinese partner of HONKA. In addition to enjoying the comfortable and warm rooms as well as the meticulous services provided by the HONKA Metsa, visitors can also take a VIP car service to visit Changbai Mountain Ski Resort or the most famous volcanic lake in Asia, Heaven Pool, and take a guided walk deep into the primeval forest to enjoy the beautiful nature. HONKA Metsa provides 12 independent rooms, each of which has a spacious bedroom and living room with kitchen facilities. The first floor is suitable for the elderly and small families, and the second floor is more suitable for young couples and children. The hotel is also equipped with a separate Finnish sauna building. Customers can make appointments to enjoy the “Finnish relaxation” of sauna while having a discussion with family and friends. The hotel’s Aurora restaurant provides guests with various Finnish specialties. The chef combines mushrooms, berries and wild vegetables picked from the local forest every day into a rich and creative menu.

The resort is located in the transition zone between the primeval forest and a town with good services such as supermarkets, a shopping mall and restaurants. It is also only 20 minutes for the local airport, making it very convenient to reach. With the opening of a new high-speed train, HONKA Metsa is set to become a popular resort destination in China.



"We treasure nature and hope to provide our customers with the most authentic Finnish experience, and in fact, the wooden houses of Honka are the best manifestations of the Finnish lifestyle. It is our staff's pleasure to bring the lifestyle of "the happiest country in the world" to China."

MS. LOU YUYING

GENERAL MANAGER OF HONKA METSA

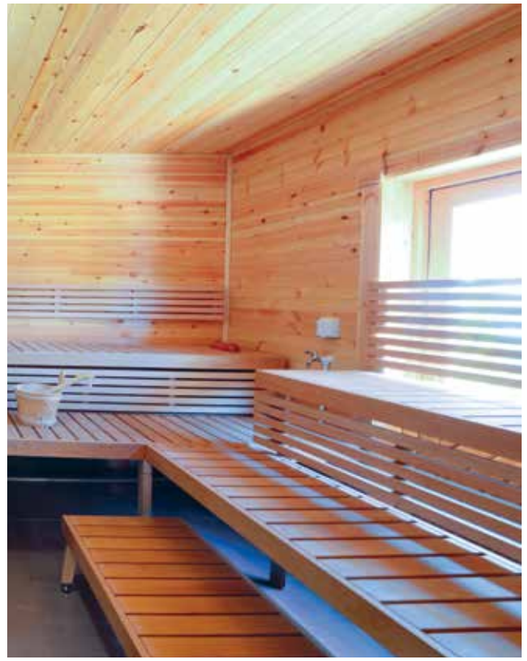




"Our aim was to build the highest quality eco-friendly resort in the world, and we chose Honkarakenne as our partner for the project as they have built numerous famous resort hotels all over the world. I am very glad to be able to introduce the Finnish lifestyle and philosophy of living in a symbiosis with the nature, in China."

MS. LIU DUANYANG

CHIEF DESIGNER OF NHU REAL ESTATE



HAITUO VALLEY

HIGH-END ECO-TOURISM CLOSE TO THE LOCATION OF THE WINTER OLYMPICS 2020

In 2019, the Haituo Valley International Tourism Resort and Honka-rakenne signed a strategic cooperation agreement for the construction of high-end ski hotels, wellness centres and public buildings in the Haituo Valley, China. The Haituo Valley International Tourism Resort is located at the junction between Zhangjiakou City and Beijing City, where the 2022 Winter Olympics will be held.

Targeted at high-net-worth families in Beijing and North China, the Haituo valley provides membership-based services with European characteristics in eco-tourism, health vacations, mountain sports and parent-child education. The area belongs to the Haituo National Park and includes 4,000 hectares of high-quality mountain forests. There are four major functional areas: a mountain exploration area, a gorge resort, a mountain sports and recreation area, and an ice and snow sports area.

Main construction of the first phase of the six ski hotels has been completed; these will begin operating in the winter of 2020. The second phase, including the hot spring resort and ski villa, is under planning and scheduled to start operating by 2022. The 2022 Welcome Centre and 1473 Café opened for business in 2017, and have become a popular location for social media influencers in Beijing.

The 2022 Welcome Centre is the first stop in the Haituo Valley. It is a multifunctional public building located at the entrance of the 18-kilometre long international tourist area. The centre is only a 20-minute drive from the Beijing Winter Olympics Alpine Skiing Centre. As the Beijing Winter Olympics approach, more and more journalists are choosing this place as their venue for editing press releases and interviewing athletes

The 1473 Café is named after its location on top of a mountain at 1,473 metres above sea level. During the construction process, all log materials for this HONKA log house were transported to the mountain along specially laid railway tracks. Tourists can overlook the beautiful scenery of the entire Haituo Valley from the café. An old saying in China describes the location perfectly: “Infinite scenery from a dangerous peak”.

FACTS

Project type
Resort

Buildings by Honka
6 Ski Hotel buildings, Café,
Tourists Welcome Centre

Architecture
Duanyang Liu & Herbert Xu for Café and Welcome Centre

Construction period
2017–2020

Location
Haituo Valley, Zhangjiakou, China

More Information
www.orenda.com.cn





"We visited Europe several times in order to successfully build a 'Swiss town' in Haituo Valley. The Honka log house represents the world's leading manufacturing process and quality, as well as the healthiest, most natural and most eco-friendly high-end lifestyle in Europe, fully in line with the core values of our project."

SONG ZHENYONG

TRIPA HAITUO VALLEY
VICE GM DVISOR



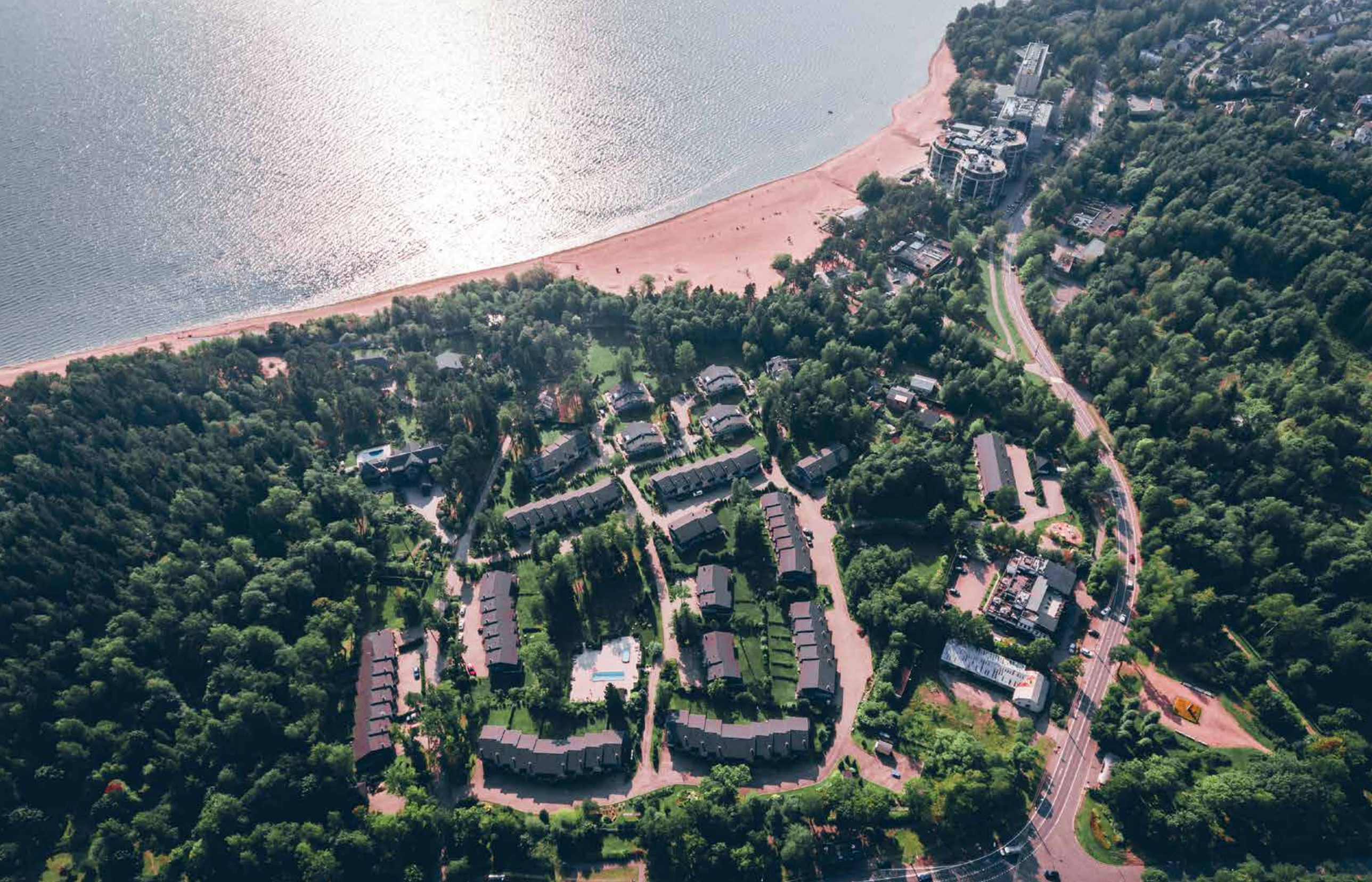
"The Honka log house is the perfect combination of beauty, comfort and safety.
As a top international brand, it also has huge appeal to customers. This fits in with the positioning of our ski hotels and service facilities operated in high-end international tourist resorts such as the Haituo Valley and Beijing Winter Olympics service area."

LIU XUNZHONG

BEIJING SONG WOOD CONSTRUCTION CO., CEO

“Human well-being is closely connected to nature and communities. We need both: the calming presence of nature – sceneries with living trees, the sense of natural materials, plants and water – and interaction with other people.“

AREA PROJECTS





FACTS

Building type
Residential area

Area
10.6 hectares

Plot area
12–30 hectares

Number of houses
46

Architect:
Alexey Skoldinov

Location
Kurortniy district (St. Petersburg)

Construction years
2013 – ongoing

HONKANOVA RESIDENTIAL AREA

CONTEMPORARY LIVING IN HARMONY WITH NATURE

HONKANOVA is a contemporary residential area in the Solnechnoye village close to St. Petersburg, only 300 metres from the Gulf of Finland. Surrounded by arrays of pine forests and sandy beaches, the Gulf of Finland creates a perfect spot for relaxation and country life. The residential area is designed to represent contemporary European architecture and has been awarded several prizes.

The constructor of the area is the company Rossa Rakenne, the exclusive distributor of Honka in Russia. In developing the area, the goal was to set the trend for high-quality, ecologically sustainable construction that takes natural values into account. The naturally beautiful setting, the proximity to the city and the harmonious architecture with renewable materials all come together to give the area its premium status.

The total area of HONKANOVA is 10.6 hectares. Of these, 8.3 hectares are allocated for housing, and 1.5 hectares is a landscape park with a picturesque lake. Alexey Skoldinov, chief architect of the company Rossa Rakenne, the exclusive distributor of Honka in Russia, developed several contemporary architectural projects with the total space ranging from 250 to 467 square meters specifically for the Honkanova Concept Residence. The houses are customized to the taste of individual customers.

The settlement includes its own landscape park created by the famous WOWHAUS brand, universal sports grounds as well as a themed area for children. Comfortable park paths and a small lake are there for the local residents to enjoy. An administrative building and a carwash facility are located at the entrance to the estate.









The HONKANOVA Concept Residence has been awarded as Best of Elite Class (St. Petersburg) in Village of the Year event 2017 in Russia. Other recognitions include the Best Housing Development of the Decade in the 2016 PROEstate Awards and Best Architectural Concept in 2013.





"Our customers appreciate healthy and natural housing in a naturally beautiful environment. In addition, we want to promote the sense of community in the areas by, for example, including playgrounds and sports facilities in the residential areas."

ALEXANDER TSAREV

CHAIRMAN OF THE BOARD
OF ROSSA RAKENNE



MYLLYPURON TARA RESIDENTIAL AREA

WOODEN VILLAGE WITHIN A CITY

The current megatrend of living is based on well-being and sustainability. Log homes are an increasingly popular alternative for more organic, healthy and ecological living even in urban environments. A good example of a residential wooden village within a city is Myllypuron Tara, today the home of some 2,000 residents in Helsinki, Finland.



FACTS

Project type
Residential area

Number of houses
2 semi-detached Honka houses,
3 terraced Honka houses

Apartments
15 apartments
Floor area: 150–450 m²

Architect
Hannu Lehto

Location
Helsinki, Finland

Construction year
2011

Wood is an environmentally friendly, renewable material. Using wood reduces the carbon footprint of the construction industry when evaluating the entire lifecycle of wood from the raw material through manufacturing, use and recycling. Thanks to modern log technology, log construction is now suitable for all kinds of city environments. A townhouse made of logs is a natural blend of modern wood construction, comfort of living, health and well-being and ecological values.

Representing a new type of townhouse construction in Finland, the buildings also cherish Finnish wood construction traditions in an enchanting way. This modern massive-wood urban terraced house block was completed in August 2012 in Helsinki's Myllypuro wooden house district, home to some 2,000 residents. The block was a project by a developer group formed by shareholders in the Tara housing company.

Built on both two and three levels, the sizes of Honka homes vary between 50 and 150 m². There are 13 dwellings in terraced and semi-detached houses, with six different floor plans. **Hannu Lehto** from Liark Oy was in charge of the architectural design of Honka homes with their simple facades, suitable for a compact urban environment. Tara's solid-wood urban homes have been built using Honka's energy-efficient layered wall structures. Myllypuron Tara, the solid-wood house block manufactured by Honka, was highly commended in the 2012 Log House of the Year competition in Finland.



"The Myllypuron Tara buildings are a new creative example of how logs can be utilised in a modern and compact urban environment. (...) The setting of the buildings in sloping terrain, their rhythm, proportions and openings have been competently carried out."

THE PANEL OF JUDGES

THE LOG HOUSE OF THE YEAR 2012





SOCHI VILLAGE

LARGE-SCALE LOG CONSTRUCTION IN CHALLENGING SURROUNDINGS

The world´s largest log house, neighbouring the 2014 Winter Olympics venues in Sochi, is a Honka house. In the beginning of the 21st century, Honka started to build its biggest project of all time in Sochi, Russia. This complex building with its twenty surrounding houses was a massive operation even to Honka, the most experienced log house manufacturer in the world.

Sochi is a resort city in Krasnodar Krai and it lies on the southern border of Russia, by the Black Sea, next to the snow-capped peaks of the Caucasus Mountains. The site is surrounded by mountains, with lots of snow and in an area that was hard to reach. The area is also known for earthquakes, making log construction a viable option.

The main building is 4,500 m², making it the world's largest building made of logs. It was designed to function as a high-level conference meeting place for 20–30 eminent guests and to fulfil all the special wishes of the customers. The main building also includes four luxurious suites of 150 m² and an indoor swimming pool. There are another 20 houses for accommodation purposes, each of them 200–300 m² with unique interiors.

Large-scale constructions require expertise. Logs bend to the wishes of designers with accuracy and structural strength even in areas sensitive to earthquakes. Honka has extensive expertise in delivering log houses to seismic areas such as Japan and Kazakhstan, for example. Log buildings can withstand earthquakes because of their special structure: logs have high bending strength, which enables the structure to hold its form even during fierce earthquakes.

FACTS

Project type
Area project

Number of houses
The area has 20 Honka houses and the main building

Floor area of the houses
200–300 m²
Floor area of the main building: 4,500 m²

Location
Krasnodar Krai, Russia

Construction years
2002–2005

More information
www.grandhotelpolyana.ru





"Mastering log house building in comprehensive sizes, such as Sochi main building of 4,500 m², is one of the facts that distinguish us. We are proud of our experts that realize structures of this magnitude and more."

MARKO SAARELAINEN

CEO
HONKARAKENNE

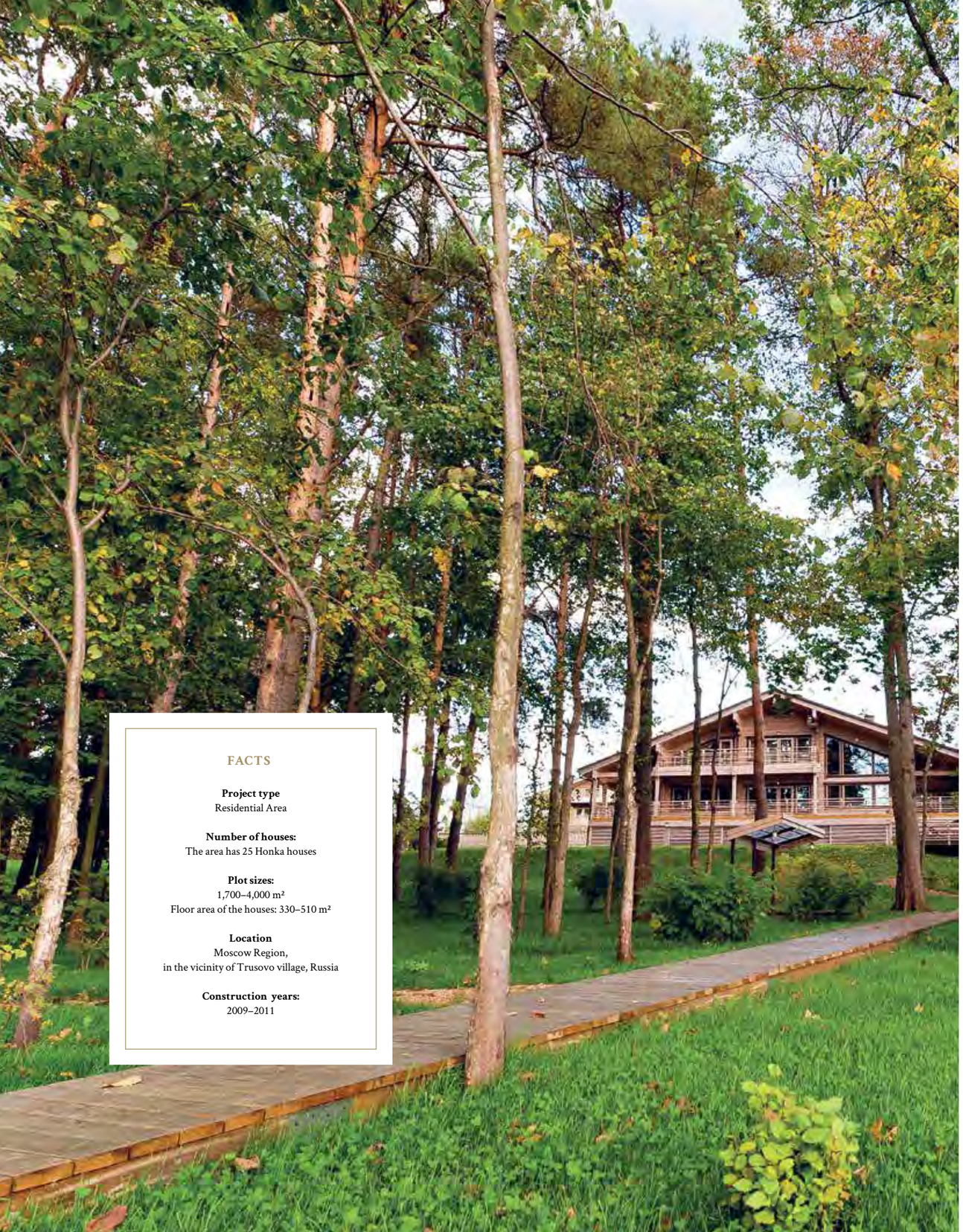


PHOTOS: HONKA RUSSIA

HONKA °1 RESORT

SCANDINAVIAN-STYLE HOLIDAY VILLAGE NEAR MOSCOW

This holiday village area is located in one of the most prestigious places near Moscow, just a 20-minute drive from a metropolis of 5 million people. The location was not chosen by chance. The naturally beautiful area on the banks of the Istra reservoir is one of the most picturesque corners of the Moscow region and highly valued in the real estate market.



FACTS

Project type
Residential Area

Number of houses:
The area has 25 Honka houses

Plot sizes:
1,700–4,000 m²
Floor area of the houses: 330–510 m²

Location
Moscow Region,
in the vicinity of Trusovo village, Russia

Construction years:
2009–2011

The total area of the Honka °1 Resort is 7 hectares. The UNESCO-protected landscape with topographically valuable setting has been carefully taken into consideration when designing the area. The development of the area with paths along the coast, playground and the pier were all designed with respect to the existing landscape. Ecologically manufactured of natural materials, log houses were an easy choice for the area.

A holiday resort built away from urban environments with natural materials is like an oasis: it attracts especially those in need of privacy and recharging. The Honka No °1 resort is ideally located on a peninsula without any direct neighbours which make it the perfect spot for enjoying silence and solitude. Moments of silence and peace provide rest, and empower us, both mentally and physically.

The area includes 25 houses with, each with terraces and panoramic windows over the Istra reservoir. All of the villas in the village are 2-storey log houses with sloping roofs in a traditional Scandinavian architecture and limited number of neutral shades. The houses ranging from 330 m² to 510 m² have been individually designed, because together they form an organic whole of harmonious coherence.

There are a wide range of services available for the customers, from repair of household appliances and dry cleaning to daily house cleaning.





Awarded as Settlement Complex of the Year 2011, the HONKA°1 Resort was honoured as the Best Resort of Wooden Houses and the resort with the Best Architectural Concept in Russia.







"We are proud that our projects are highly appreciated. We've built a reputation not only as the best in the real-estate construction business, but as a strong, reliable and ethical partner. We take care of our customers, our colleagues and ourselves. And our products are made with natural, renewable materials that are safe and contribute to wellbeing."

ALEKSANDER LVOVSKY

HEAD OF HONKA OFFICE
MOSCOW

RESTAURANTS, CAFES AND SPAS

“Popular restaurants and cafés are not visited only for the great food. The service, atmosphere, location and the restaurant building itself complement the taste of the meal. Today’s log houses provide distinctive design options for urban and natural surroundings – for creating places that touch the hearts and evoke good feelings.“

MARIA TURENKOVA
SALES MANAGER
RUSSIA, BELARUS & KAZAKHSTAN
HONKARAKENNE OYJ

TRAVELLING RESORT SAANA

LOG-BUILT TRAVELLING RESORT SAANA ATTRACTS INTEREST IN KUOPIO, FINLAND

One of the most impressive public log buildings delivered by Honkarakenne opened its doors to visitors in spring 2019. The holiday complex Kuopion Saana combines Finnish sauna experiences, excellent restaurant services as well as numerous events and activities into one stunning location by Lake Kallavesi.

The 1,000 m² holiday complex built with logs and the terrace more than 1,500 m² terrace in size with outdoor pool and smoke sauna offer a globally attractive, year-round travelling experience by the clear waters of Lake Kallavesi in Kuopio. Saana is easily accessible both from the city and by the water routes. In summer, Saana provides boaters with a guest dock as well as various events and services.

The exteriors walls are mainly solid logs which is pleasant to watch and touch. Large windows open out to a stunning view of Kallavesi. The building material is non-settling Honka Fusion log which enables modern architecture that is easily combined with other materials. The architectural planning was done by QVIM Arkkitehdit. The building phase started in the summer of 2018 and the resort was completed for the summer season 2019.

The sauna complex and the spa unit of Saana feature a 30-seat standard sauna, indoor jacuzzi, two heated outdoor pools, waterfall showers and an experience shower as well as heated lounge chairs. There is also a smoke sauna for 12 people at the lake shore.

Saana's restaurant seats about 200 people, and the summer terrace offers 1,000 seats more. The restaurant leans heavily on locally grown food to offer a wide spectrum of spectacular tastes.

Saana's meeting and seminar premises enable versatile corporate and meeting services. Saana can also be reserved as a celebration venue. Right next door to Saana, you can find several adventure services, a high-quality gym and a group fitness room, an indoor karting track as well as a multi-training centre, sports equipment rental shop, mini-golf course and a brewery that offers tours. In addition, Lake Kallavesi provides a terrific setting for different boat cruises and other water sports.

FACTS

Project type
Travelling centre with spa, saunas and restaurant

Architecture
Qvim Arkkitehdit

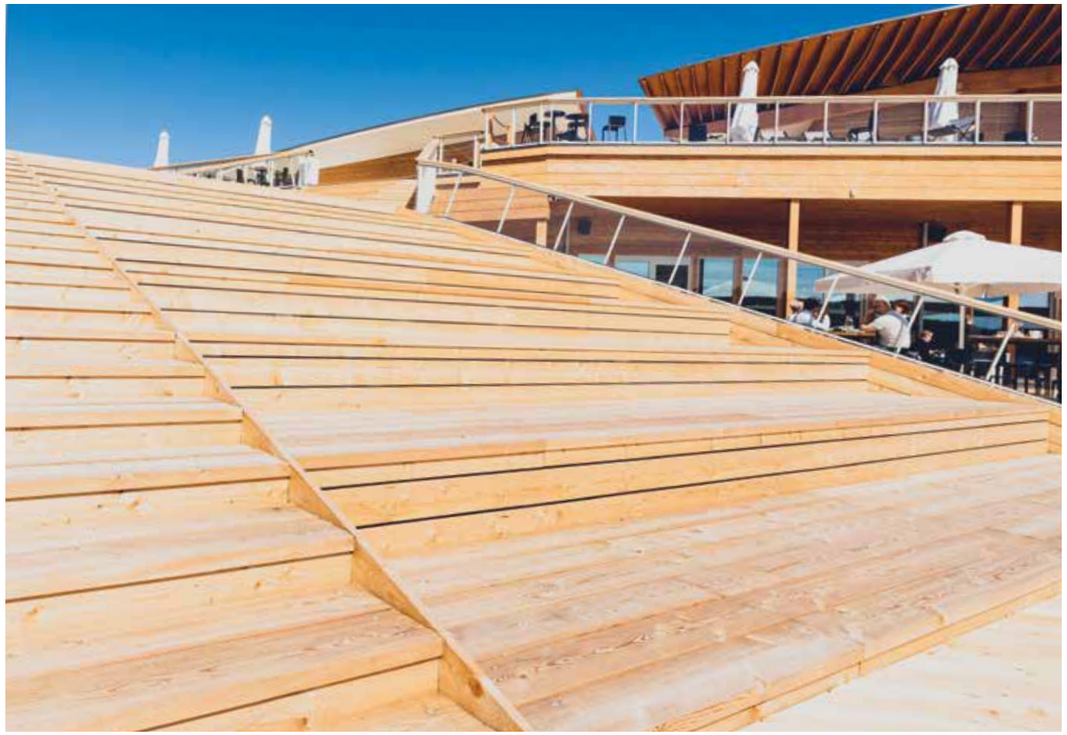
Customer
Matkailukeskus Kuopion Saana Oy

Wall structure
Non-settling Honka Fusion log walls

Location
Siikaranta, Kuopio, Finland

Construction years
2018–2019

More information
www.kuopionsaana.fi



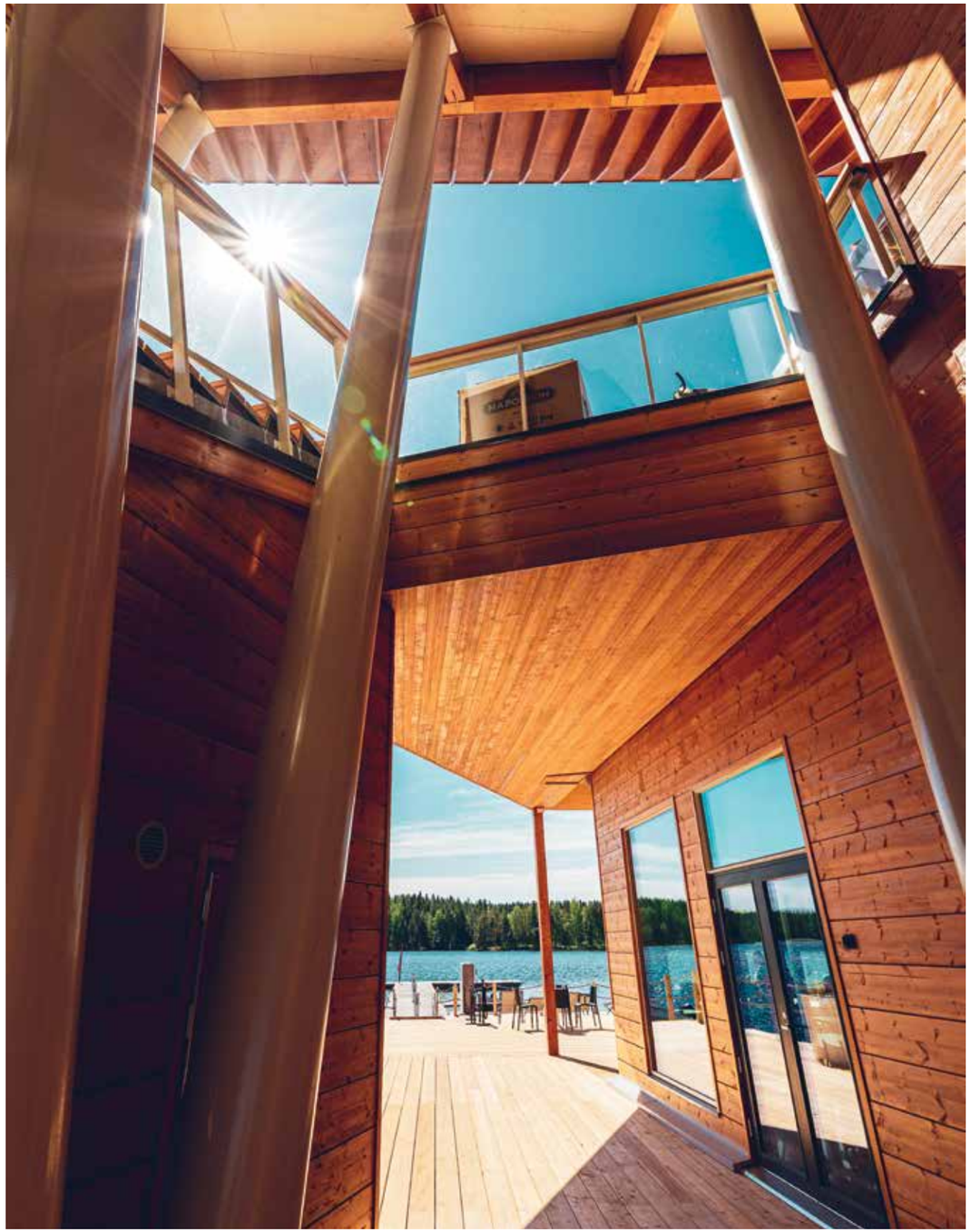
Saana holiday complex won the public vote in the Wood Award 2019. The smoke sauna of Saana was selected as the Best Smoke Sauna of 2019.

"As a high-quality Finnish manufacturer, Honkarakenne was a natural choice as our partner."

RAIMO SONNINEN

CHAIRMAN OF THE BOARD
TRAVELLING RESORT SAANA

PHOTOS: KUOPION SAANA







"The shape of the building got its inspiration from boating. The roof, which reminds of a sail, gives the building a distinct look and protects the customers on the terrace from wind and rain."

ARCHITECT JOUNI ILMARINEN

QVIM ARKKITEHDIT



RESTAURANT
RYBA NA DACHE

A WELCOMING RESTAURANT WITH RELAXED COUNTRY-HOUSE CHARM

Restaurant Ryba na Dache in St. Petersburg area Russia has a welcoming country-house atmosphere that draws the customers in. The restaurant is located in a picturesque birch-forest setting by the River Sestra, just a 40-minute drive from St. Petersburg. This is a place where many escape the hustle and bustle of the city to relax and to enjoy a good meal.

Prospering restaurants are not visited only for the great food. The service, atmosphere, location and the restaurant building itself complement the taste of the meal. Restaurant Ryba Na Dache engages its visitors with natural values and cosy home-like atmosphere.

This is a place worth visiting: the short walk from the parking lot guides you through a beautiful, calming birch forest. Soon you see an inviting log building that exudes relaxed country-house charm.

The two-storey restaurant is large on the inside, and you are welcomed by cosy interiors with a fireplace and a library. Large windows provide a nice view of the forest and the river while you enjoy your meal. You can also choose to experience the surrounding nature on the large terrace.

On the menu there are salads, soups, homemade pasta and thin-crust pizza together with the finest of country cooking and Russian all-time favourites. On the weekends, you can try delicious homemade “khinkali” dumplings. On weekends the huge wooden house in the middle of a birch tree forest is full from early morning till late at night.

Ryba na Dache is a part of the Aram Mnatsakanov restaurants, of which five are located in St. Petersburg, two in Moscow and one in Berlin. The creator of the restaurant brand is a well-known restaurateur, chef and a television host on TV cooking shows in Ukraine and Russia.

FACTS

Project type
Restaurant

Floor area
1,588 m²
Terrace area: 805 m²

Log type
Square log, 204 mm

Location
St. Petersburg, Russia

Construction year
2007

Construction year
Visit the website with 360 ° tour





"A country place, with a home-like atmosphere. It's all heartfelt; family-friendly and peaceful."

CLIENT REVIEW

TRIPADVISOR







CAFÉ BIRGITTA

A UNIQUE SUMMER CAFÉ IN HELSINKI

Cafe Birgitta is a unique summer cafe in Helsinki, Finland, built with the non-settling Honka Fusion log. Located on the open seashore, the cafe basks in direct sunlight and celebrates a large horizontal view over the Baltic Sea. The café sits like a protected nest in an urban area where it is easy to drop in.

The building is made up of three log-framed structures of various heights, laid out in almost a propeller-shape. Sliding glass elements, suspended from the ceilings, make it possible to close the central space and provide shelter from the wind. The fireplace stands in the middle. The outside of the building is made of 50 x 50 mm laminated wood elements with a scorched surface. The insides are of untreated solid wood.

The cafe was designed by architects **Minna Lukander** and **Jari Heikkinen** from *Talli architecture and design*. It won The Log House of the Year 2014 competition, organised by *The Finnish Log House Association HTT*.

"The building's architectural design takes advantage of both traditional and new, innovative solutions."

PROFESSOR PEKKA HEIKKINEN

AALTO UNIVERSITY

FACTS

Project type
Café

Architecture
Minna Lukander, Jari Heikkinen
Talli architecture and design

Area
158.0 sqm

Wall structure
Honka Fusion non-settling log,
covered with laminated wood elements
with scorched surface

Location
Helsinki, Finland

Construction year
2014





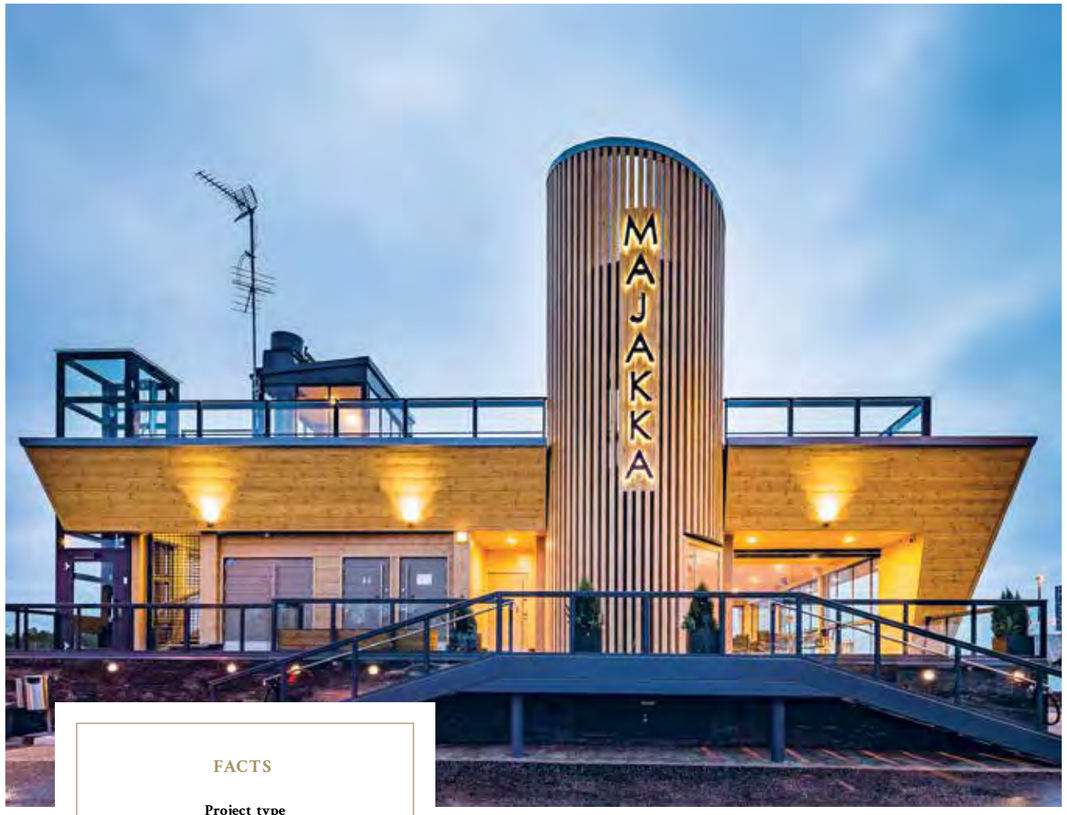
"You have a wonderful view over the sea through the windows. The natural, wooden structure complements the scenery beautifully."

TOMMI LEPPÄLÄ

CAFÉ OWNER




BIRGITTA



FACTS

Project type
Café

Surface area
148 m²

Architecture and interior design
Tapartia Oy

Frame structure
Honkarakenne non-settling log FXL 204

Location
Espoo, Finland

Construction year
2016

More information
www.nokkalanmajakka.fi

CAFÉ NOKKALAN MAJAKKA

MODERN WOOD ARCHITECTURE IN MARITIME SURROUNDINGS

Café Nokkalan Majakka (Nokkala Lighthouse), built with Honkarakenne's non-settling logs, represents ambitious and modern wood construction in maritime surroundings. The popular café, opened at the end of 2016 in Espoo, Finland, offers tasty treats and unobstructed views over the sea in atmospheric surroundings.

When the Nokkala marina was expanded, a lot was set aside for a new café building and the city of Espoo invited tenders for its construction. The framework for the design was defined by the small size of the lot, limited building rights, high floor elevation because of the seaside location and strict regulations. The call for tenders resulted in the plan submitted by KF Restaurants Oy and Honkarakenne Oyj titled "Nokkala Lighthouse" emerging as the best option.

The strict limitations posed by the locale were embraced and turned into strengths. It was clear from the very beginning that the desired number of seats could not be achieved in a single-level building, and having a roof terrace seemed like the natural solution in the maritime environment. The spiral staircase leading to the terrace was clad in wood lamella and it became the architectural element resembling the tower of a lighthouse that gives the building its unique look.

The café boasts a 40-seat interior space, a glazed terrace and the roof terrace, which is open in the summer and offers unobstructed views in all directions. The roof terrace is lined with **Lumon**'s glass rails that can be raised up when it gets windy. The lower terrace is equipped with terrace glazing to create more interior-like space for the café. The wall between the café interior and the lower terrace is built out of insulating sliding glass elements that can be opened in warm weather.

The frame of the building was realised using Honka's non-settling logs, which enabled the use of large panoramic windows with modern, light joints. The log heart of the building is hidden under slanted facade elements clad in pine panels. The frame of the café was erected in less than two weeks. It took about eight months to finish the entire building.





"Log is a natural fit for seaside scenery and it also deals quite well with changing weather conditions. Honkarakenne's non-settling log suited the idea very well as it fits into modern architecture while keeping the structures simple."

JAAKKO PELTONEN

DESIGNER, TAPARTIA OY



“Log structures are becoming more popular also in public buildings as ecological, healthy and pleasant surroundings are appreciated more and more. For public buildings, we recommend the use of non-settling logs as they simplify and speed up the construction process.“

MARKUS SAARELAINEN
PROJECT SALES MANAGER
HONKARAKENNE OYJ

CARE AND SCHOOL

PILKE DAYCARE CENTRE SIRU

FINLAND'S LARGEST LOG DAY CARE CENTRE

Pilke päiväkodit Oy opened Pilke Siru, a science-based day care centre in Lintuvaara, Espoo in August 2019. With a floor area of over 1500 m2 and 170 children, the day care centre is Finland's largest log-made daycare centre. This autumn, Pilke päiväkodit have a total of 11 log-made day care centres all over Finland. There are three Finnish operators behind the log-made daycare centres, Honka, Pilke päiväkodit and Mediset Hoivarakentajat.

The day care centre in Siru has 170 places for children aged 0–5. The science-based daycare playgrounds are built to attract and inspire exploration and experimentation. The centre includes, among other things, a research playroom where little professors can carry out their research using pipettes, loupes, test tubes and magnifying glasses, and a separate sensory room.

The two-storey log-built daycare centre is the answer to the rapidly growing demand for nursery facilities for children with clean indoor air. In the ecological log nursery, children enjoy fresh indoor air, pleasant acoustics and the relaxed and peaceful atmosphere of solid wood.

While constructing, Pilke päiväkodit aim to take into account the principles of sustainable development and healthy construction. The day care centres are made particularly with a focus on high-quality ventilation. The intelligently controlled ventilation systems measure air quality in real time and adjust it according to room use and needs.

The modern log building is made from Honka's non-settling Honka Fusion log and has a Zero Corner solution. Honkarakenne has provided and erected the daycare centre's log frame and the overall responsibility contractor for the project is Mediset Hoivarakentajat, a company specialising in high-quality care construction.

FACTS

Project type
Daycare centre

Architecture

Customer
Pilke päiväkodit

Log type
Non-settling Honka Fusion log

Size
1500 m²

Location
Espoo, Finland

Construction year
2019









"The log is a natural, moisture-proof and antibacterial building material. It has also been shown to have stress-reducing effects. We are delighted to be involved in providing high-quality, healthy growth environments for children."

MARKUS SAARELAINEN

PROJECT SALES MANAGER
HONKARAKENNE OYJ





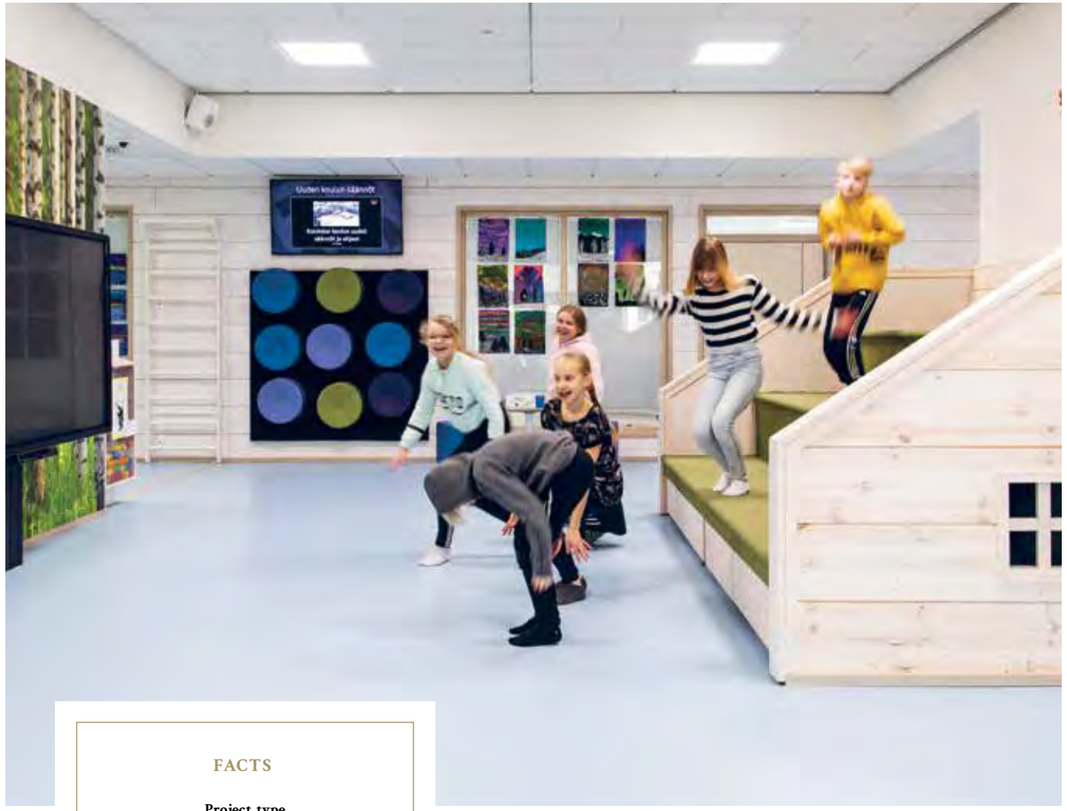
"It is great to have more log-built day care centres in the Helsinki metropolitan area, as they have attracted a lot of interest. In our log day care units, for example, the sound insulation and air quality are very noticeable."

JOHANNA RASKI-PITKÄNEN

REGIONAL DIRECTOR
PILKE PÄIVÄKODIT OY







FACTS

Project type
Log school building

Architecture & Design
Pirkko Hildén, Arkkitehtipalvelu
Tero Wéman, Arkkitehtipalvelu

Customer
Town of Äänekoski

Floor area
1,200 m²

Building material
Honkarakenne non-settling logs FXL270N

Location
Äänekoski, Central Finland

Construction years
2018–2019

KOIVISTO SCHOOL

HEALTHY AND INSPIRING LEARNING ENVIRONMENT

Pupils of the Koivisto School began their studies in new, healthy and inspiring facilities when their brand-new log school building was inaugurated in December 2019.

The choice of building material was made at municipal level: wood seemed natural in a town with a large forest bioeconomy plant. The aim was to provide a safe, healthy and inspiring learning environment for children and youths.

The former 1950s school building was in poor condition. It was in need of extensive renovation and indoor air problems had emerged. Koivisto Primary School's pupils spent two and a half years in temporary facilities. The old stone school building was demolished and replaced by a new log school building. A century-old log school building still stands on the school grounds: as the new log building went up, the old one was renovated to become the a so-called 'heritage building', which also serves as a handicraft classroom for the new school.

Koivisto School is a 1,200-square-metre log school building for 100 students. Despite the new school's modern appearance and layout, its traditional yellow and red colour scheme ensures that it blends in with the old village school and rural scenery. Construction began in February 2019 and the school was opened in December 2019.

The chief designer **Tero Wéman** feels that the new Koivisto School in Äänekoski is fascinating for several reasons. Wood construction is booming, which is reflected by a clear trend in public construction projects handled by Arkkitehtipalvelu.



"The project combined a modern interpretation of the spirit of the venue, close cooperation with users in the design process, solving indoor air problems, a design and build contract, and the renovation of an old wooden building. All of which are topical in design and construction!"

TERO WÉMAN

CHIEF DESIGNER
ARKKITEHTIPALVELU









"The new school is pleasant-looking and cosy.
It also has incredibly good acoustics."

MATTI KUUSINEN

PRINCIPAL
KOIVISTO SCHOOL





FACTS

Project type
Log school building

Architecture & Design
Pirkko Hildén, Arkkitehtipalvelu
Tero Wéman, Arkkitehtipalvelu

Customer
Town of Äänekoski

Floor area
1,200 m²

Building material
Honkarakenne non-settling logs FXL270N

Location
Äänekoski, Central Finland

Construction years
2018–2019

"For Kotokaari we recommend logs as the building material for the new nursing home. I believe that our extensive experience in construction of nursing homes, good and professional service and log construction suitable for rural surroundings will seal the trade."

TARMO KEMPPAINEN

CEO

MEDISET HOIVARAKENTAJAT OY

NURSING HOME KOTOKAARI

A SAFE HOME FOR THE ELDERLY

There is an increasing demand for safe, healthy and cosy premises in the nursing sphere as the population is ageing. The use of log as a construction material and the scale resembling normal homes are an inspiring alternative to institution-type care service.

Honka and Mediset Hoivarakentajat Oy built a new nursing home for Palvelukoti Kotokaari Oy in Karvia, Finland. The capacity of Kotokaari's old nursing home was full, and they needed new premises because the contract of current premises was ending. The new nursing home made of logs is over 800 square meters in size and has room for 20 residents.

Nursing home Kotokaari provides a safe home for the elderly who need round-the-clock care, or those who need less help. The small and cosy nursing home is located in the middle of beautiful Karvia with a yard suitable for everyday outdoor activities, where you can sit and admire the landscape. The cosy atmosphere of a Honka log house provides a good environment for a family-like living community.

Wood has been loved by people throughout the ages. It is soothing, aesthetically pleasing and performs well acoustically. It absorbs sounds and creates a calming, relaxing atmosphere where it's easy to feel at home. Honkarakenne and Mediset Hoivarakentajat built the nursing home on a turnkey principle. Honkarakenne supplied the log frame, while Mediset Hoivarakentajat Oy was responsible for the specific nursing home needs. In addition to construction, Mediset was responsible for managing the planning of the project, carrying out risk analyses and consulting.

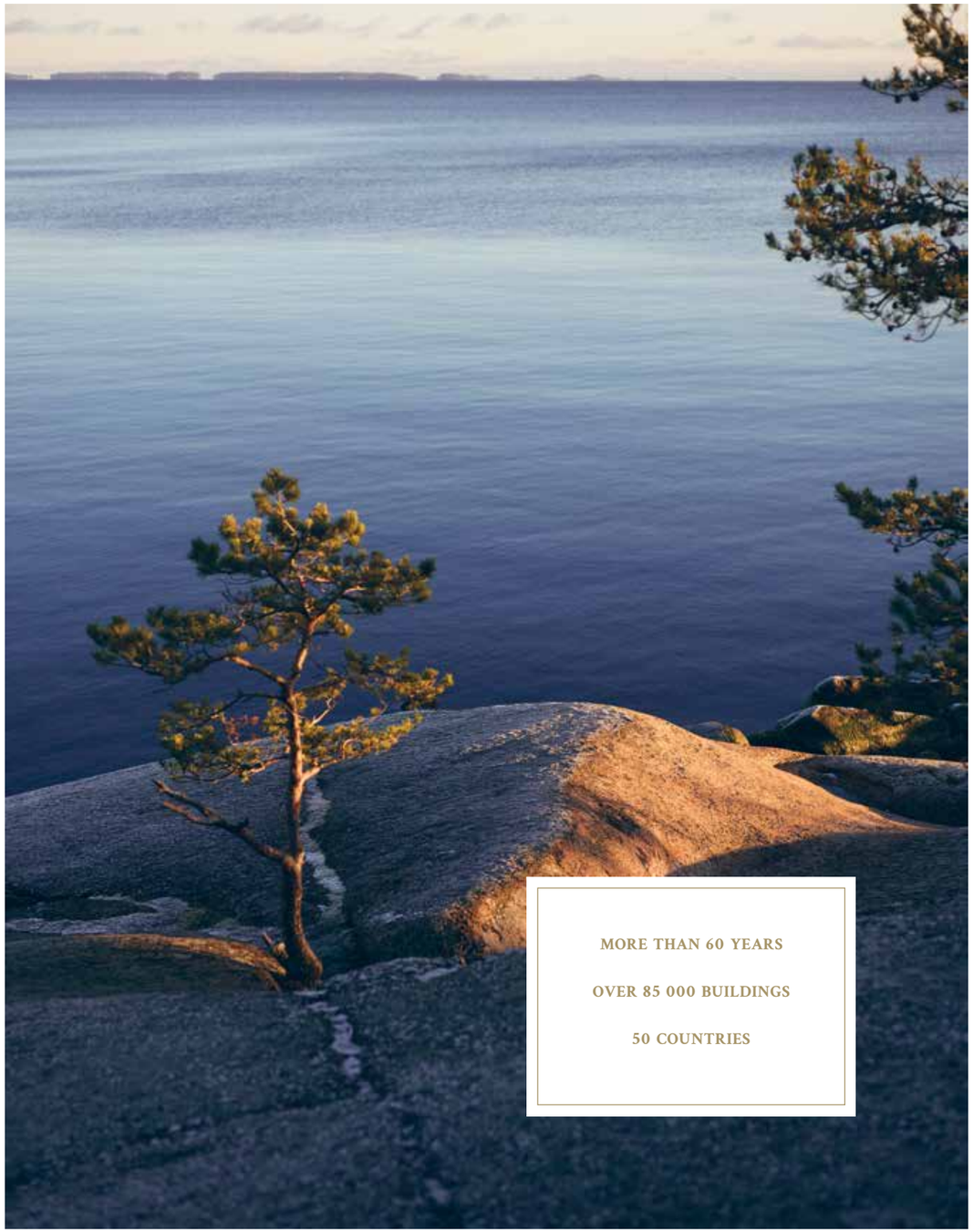


"We chose logs as the building material because we want to offer our clients healthy and plastic-free premises with assuredly uniform quality. We are satisfied with the decisions made."

JARKKO RAJALA

CEO
NURSING HOME KOTOKAARI





SELECT A GLOBAL PARTNER FOR YOUR DEVELOPMENT PROJECTS

The successful completion of a real estate development project or a B2B building project requires many parties, plenty of experience and substantial competence. It is important to select the right partners to support you in managing the project from the very early planning phases to the inauguration of the finished building – partners that can offer a reasonable cost-quality ratio.

Honkarakenne Oyj, with its trademark Honka®, is a global pioneer in modern log building technology. Founded in Finland 1958, Honkarakenne is the first industrial manufacturer of log houses in the world. Together with our partner network, we carry out building projects all over the world - from Finland to Russia and Asia and North America.

Focused on continuous research and development, Honka actively promotes healthy, sustainable and safe living. All of our houses are made in Finland out of high-quality PEFC-certified Finnish pine, according to the ISO 90004 quality certificate. Our operations are certified in accordance with the ISO 14001 environmental standard.

We deliver attractive, modern and functional log buildings for various end users, both small scale and large. The buildings can have a traditional or highly modern look, but it is the wooden heart that matters. Honka log houses utilise certified technology which is based on sustainability, outstanding health and safety values and innovative, yet functional design.

A successful real estate project begins with a detailed understanding of your project goals. With the goals in mind, we will work in close co-operation to produce a feasible construction project plan for you to present further. Our common goal is to get the project accepted and to deliver an excellent outcome.

A presicely prefabricated log house with solid wood frame is easy and quick to mount. When the actual building project begins, you can trust Honka's effective production and delivery process. This includes connecting you to an authorised mounting team who will ensure that building phase will proceed correctly. Benefit from Honka's experience: we have delivered thousands of unique B2B projects around the world, including projects completed in demanding building environments and circumstances. Your project will be managed within the agreed upon budget and schedule, with the help of our know-how and dedication.

Q&A

Wood, the building material that has been loved and used for generations, has been technically redesigned by Honka to meet the expectations of modern living. This is a safe and sound process that begins in renewable forests and ends in a carefully designed and built log house results in better environments for living and working. These are some of the most frequently asked questions.

Where do the products come from?
Honka log houses are manufactured in Finland, from Finnish pine and spruce that come from PEFC-certified Finnish forests. One of the greatest things about Finland is its abundance of trees. In fact, more wood grows in Finnish forests than is harvested. We never buy wood from protected regions.

Have forests been sustainably managed?
Yes. The PEFC certification guarantees that for each tree felled to build the house, a new sapling was planted, and in time these saplings will be a new forest. In Finland, the natural growth of forests far exceeds the number of trees cut down.

How long will my building take to arrive after I place an order?
In general, a log house package is ready to be delivered within 6-10 weeks from the order date. The transport time of course depends on the distance and delivery method. The house package is delivered to the customer by truck, trailer or sea container – whichever is the optimal delivery method for the customer.

How long does it take to build a log house?
A precisely prefabricated log house with solid wood frame is easy and quick to mount. With our precision-cut logs, detailed instructions and trained partners worldwide, an average-sized Honka log home can be weather-tight in just a few weeks. This means that the later building phases inside the house can be started on time. Therefore, the overall building process of a log home is short compared to many other building solutions. You can build a log home any time of the year, thanks to the quick and controlled building phase.

What does it mean, when you say that the wood breathes?
Solid wood or log has the ability to absorb moisture and release it back into the air in the room when it has dried. This so called 'breathing' means that the water vapor can move freely between the wall and the air. This moisture buffering effect helps to keep the indoor conditions in the comfortable zone by cutting down the incidence of high and very low relative humidity conditions.

Are log homes airtight?
We have been working with the airtightness and moisturetightness of our homes for a long time in co-operation with a global network of leading experts. We are proud to say that we deliver some of the most airtight and moisture tight houses on the market. Our precision-machined timber with built-in seals yields very tight fitting joints, and hence airtight walls. All Honka houses are insulated with double seals at the factory. This keeps them well insulated, decreases the possibility of on-site sealing errors and helps speed up construction.

How much does a log home cost?
Honka log homes are crafted from a high-quality solid wood that originates from PEFC-certified Finnish forests. They are designed and built to create an ideal environment for healthy living and last for generations. In general, a turn-key delivery for our house (excluding the ground work) varies from €1500 to €3000 per square meter, depending on the complexity of house, level of equipment and product choices. Each and every house is different, but we can work carefully to your budget. Ask for further information from your local Honka representative.

Are log homes energy-efficient?
Solid logs are natural energy conservationists. Unlike a timber frame wall, a log wall is a massive structure that is capable of storing heat. We also supply houses with additional thermal insulation. Honka low-energy walls enable us to build houses that are extremely energy-efficient and can achieve any given energy class.

What kind of heating is recommended for a log home?
You can choose practically any feasible energy solution for your log home. Solar panels, geothermal heat pumps, air source heat pumps, fireplaces and combinations of these are some of the popular choices by our customers. Just ask for further information from your local Honka representative.

Is there a choice of external finishes?
Yes. The logs can be stained with almost any colour and a variety of claddings can be used as an external finish. We can also use brick, render or stone.

How long will the log home last?
There are examples of log homes around the world that are hundreds of years old. Provided that they are well maintained, the Honka log homes are designed to last for generations.

Is there more risk of fire with timber buildings?
Log buildings perform well in a fire due to the natural charring of the surface of the wood which protects it. In the event of a fire, a log house will not burn like a timber frame house, but will in fact only char due to the sheer mass of the logs themselves. In direct comparison with steel, wood can cope much longer in a fire before collapsing.

What does Honka Fusion mean? Why would I choose it?
Honka Fusion™ is our very own state-of-the-art concept for the urban, minimalistic architecture. Because of the non-settling Honka Fusion wall structure, logs can easily be combined with other materials, free of the wide architraves and settling spaces required in traditional log construction. Compared to traditional log technology, this gives architects and designers more room to design architecturally unique, modern buildings. Still maintaining all the benefits of natural, solid wood.

Can I build a log house in an urban environment?
If you want to create a contemporary design with urban, minimalistic details, then your choice is the non-settling Honka Fusion log. Cross corners are characteristic to log houses, but many people feel they are a feature of rural landscapes. Our clearly defined, minimalistic Honka Zero Corner™ concept produces log houses that are at ease even in the most urban environments.