





赫尔辛基

Helsinki

Helsinki, the capital of Finland, is located on the southern coast of the country. The Helsinki region has a population of 1,400,000 inhabitants, making it by far the most populous urban area in Finland.

The Helsinki region is highly suitable for knowledge intensive businesses – it is a dynamic hub for innovation and international business at the geographical and cultural crossroads between East and West.

An award-winning international airport offers some of the fastest and most convenient routes between Asia and Europe, further making Helsinki one of the region's most important business hubs.

罗瓦涅米

Rovaniemi

Rovaniemi, the capital of Finland's Lapland province, is located on the Arctic Circle. Lapland enchants visitors with beautiful arctic nature, bright summers with midnight sun and occasional northern lights in winter.

Rovaniemi is the magical hometown of Santa Claus, where you can meet Santa every day.
Rovaniemi is a unique destination and a gateway to travellers visiting Lapland. The town welcomes nearly half a million visitors each year from all over the world.

Rovaniemi with its excellent infrastructure is the centre of trade and logistics for Lappish business.

图尔库

Turku

Turku, the oldest city in Finland, is located on the southwest coast of Finland, next to a vast and beautiful archipelago. The River Aura flowing through the city centre is the country's most important river and has nurtured the development of the city's economy over the centuries.

Turku is the former capital city of Finland and traditionally the country's link to Western Europe, with an important harbor and close proximity to Stockholm, Sweden. Today, the Turku region has a quarter of a million people and it is one of the most important urban areas in the country.

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北极科技 Arctic Technology

北极技术中心

Centre of Arctic Know-How

Snowy winter, a cold testing laboratory and test tracks make Rovaniemi a major location for arctic technology and expertise in Europe.

Cold and Winter Technology

Rovaniemi is home to some of the top companies in the world in the field of arctic technology. The world leader in the development and manufacturing of snowmobiles, for example, is located in the town. Their know-how is based on a deep understanding of winter, snow and the tough northern terrain. State-of-the art manufacturing technology and the best industrial practices are being used in the manufacture.

The Arctic Power research, development and testing center supports local technology companies to develop their products and test them in cold and snowy conditions.

Environmental Technology

Rovaniemi offers expertise in environmental technology, which includes purification of polluted soil and treatment of municipal and industrial sludge. A functional model and technique has been developed for producing a natural fertilizer and earth improvement substance directly from the sludge produced by the municipal sewage treatment plant.

Arctic Expertise for the Industrial Sector

The mining industry in Lapland is a field that is clearly growing. Rovaniemi has become an industrial centre which offers manufacturing and maintenance services for the mining and energy sector as well as the forest industry.

Local manufacturing companies offer environmentally-friendly hydraulic solutions for various applications. Furthermore, innovative drilling rigs for the mining sector are manufactured in the region.

Creative Industry

Rovaniemi is the cultural capital of Lapland, and the creative industry has a strong footing in the town. The combination of pure Lappish nature, excellent infrastructure and the attraction of Santa Claus offer ideal settings for creative industry, film industry and game industry.

Europe's leading manufacturer of playground equipment is based in Rovaniemi. The company's core business focus is in designing and manufacturing playground and sports equipment for all ages. The company uses local sources for manufacturing. Play area design has yet to become global and appreciated by a broader audience in Europe, Asia and Australia.

Wellbeing from the Lapland Nature

Northern people have used herbs and berries for various medicinal purposes long before modern medicine evolved. Lapland herbs and berries contain exceptionally pure and effective active ingredients. The pure Arctic nature ingredients are used in manufacturing of cosmetics as well as other care products.



清洁技术 Cleantech

巨大的能源效率

Giant in Energy Efficiency

Finland has often been rated as one of the world's leading countries in the environmental sector. Cleantech is fast becoming the cornerstone of the Finnish economy and it is one of Finland's economic policy priorities. The Government of Finland aims to make Finland a pioneer in clean technology. More than 40 % of the Finnish public R&D funding goes to the energy and environment sector.

Concentrated Know-How in the Helsinki Region

There are approx. 10,000 cleantech companies in Finland and many of them are located in the Helsinki metropolitan area. The turnover of cleantech business has been growing steadily 10-15 % every year for the past ten years, being about EUR 25 billion in 2013. Finnish cleantech business is strongly export-driven – the majority of cleantech companies get more than half of their turnover from abroad.

The majority of the turnover comes from energy efficiency. Many Finnish companies are already global leaders in energy efficiency, clean industrial processes, and bioenergy. Other key sectors are analysis and automation, renewable energy, water and wastewater treatment, waste management, and emissions reduction. Traditional Finnish industries – such as pulp & paper, chemistry and telecommunications – are becoming more active elements in cleantech innovation.

Saving Energy in an Urban Setting

A total of 20 % of the Finnish population live in the Helsinki metropolitan area. Enhancing energy efficiency in the urban infrastructure is one of the key elements in the region. Due to Finland's northern location and relatively cold climate, energy efficiency of buildings is vital for saving energy. For decades, Finland has had to look for ways to decrease heating costs and find alternatives to fossil fuels, since no own natural fossil resources exist. In the metropolitan area, lots of initiatives have been implemented in the fields of energy efficient buildings, street lighting, small-scale energy production and citizen engagement, to name a few.

The Finns have developed their own customized ways of energy generation and energy efficiency, and the adoption rate of new technologies is relatively high. Smart and energy efficient applications in transport, buildings and urban environments, energy generation, distribution and production are often enabled by ICT – another business sector where Finland has strong know-how.

Finland is an entrepreneurial, co-operative and market- and solution-oriented nation in cleantech.



诊断器 Diagnostics

北欧的顶级专家中心

Centre of Top Expertise in Northern Europe

BioTurku® is the leading biotechnology cluster in Finland, an active and dynamic community of bio actors and a centre of top expertise in Northern Europe. Approx. half of Finland's pharmaceutical and diagnostics industry is located in the Turku region in southwest Finland.

The BioTurku cluster comprises about 90 biotechnology companies, two universities and several educational and research institutes as well as the Turku University Hospital. It forms a continuous chain of education, research, product development, production and commercialization. BioTurku is part of Turku Science Park, one of Finland's oldest and largest science parks.

Diagnostics in BioTurku®

The diagnostics research and business community in BioTurku comprises research and development of new biomarkers and biosensors, as well as development of new technologies for diagnosis and bioimaging. Point-of-care (POC) concept has been a leading goal in the development of new assays to gain benefit for patients and for society.

As a result there are already traditional and advanced IVD technologies in applications for diagnosis of human diseases, monitoring of food safety and quality, household and pet animal testing, agriculture and environmental monitoring and bio-technological industries.

The Turku biobanking concept is a global advantage in the research for new biomarkers aimed at human disease areas such as cancer, cardiovascular diseases, diabetes, infection and central nervous system; food contaminants and toxic residues as well as environmental chemicals and pathogens.

New innovative detection and automation technologies are also developed in several laboratories to

- detect interaction at molecular level
- characterize relevant biomarkers in target diseases
- develop more sensitive reagents and tracers with low background, high thermodynamic stability and long signal lifetime in immunology, nucleic acid and PET techniques
- develop new lanthanide chelates for bioassays on TR-FIA and TR-FRET
- develop new detection methods like electrochemiluminescence
- develop new assays with nucleic acid technology

New biomedical instrumentation is developed and manufactured with new detection and automation technologies for in vitro diagnosis, imaging at atomic force level and fluidistic systems.

New material science and microelectronics give advanced possibilities in the development of new biosensors.





教育 Education

教育之邦

Nation of Education

Finland is a nation where high quality education has proved an essential element in building wealth, social stability and competitive edge in the global economy. We offer the best education expertise in the world, nothing less.

Excellent results in the PISA surveys stand testimony to Finland's unique know-how in the field of education, as does the increasing demand for Finnish pedagogy solutions worldwide.

Finland is renowned throughout the world for high quality education - key words in Finnish education policy are quality, efficiency, equality and internationalisation.

World Class Learning Cluster in Turku, Finland

Turku has a unique selection of know-how in the field of education, including two world renowned Universities. The city hosts a wide range of companies specializing in educational solutions, including various information technology solution providers.

The education offering in Turku includes four main fields:

Learning and pedagogy solutions

New methodology and content for learning institutions and teachers.

Linking education with working life

Planning education according to the specific demands of working life; promoting innovation in universities.

Chains of education

Creating and maintaining effective, business branch specific value chains covering all levels of education.

Information technology solutions for education

Education management, language learning and communications expertise.

Finland = Innovative Learning

- Finland's education system was named best in the world by education firm Pearson in 2012.
- The UN's Education Index lists Finland among the best education systems in the world.
 - Finland has received top results in all of the OECD's PISA surveys, first of which was published in 2000.
 - Finland has a literacy rate of 100 %.
 - 75 % of Finns speak a foreign language, 50 % speak two or more foreign languages.
 - 40 % of Finns have a degree from a university or university of applied sciences.





欢迎来到圣诞老人的小镇

Welcome to the Town of Santa Claus

Rovaniemi offers a unique combination of wild nature and modern infrastructure with high quality services to visitors and businesses. Rovaniemi is the Official Hometown of Santa Claus * and attracts half a million travellers every year.

Over the years Santa has received more than 14 million letters and greetings. This is why Santa Claus has his own post office at Santa Claus Village.

The Christmas theme is strongly present in Rovaniemi around the year and it is complemented by a vast array of tourism services.

Admire the Northern Lights and the Midnight Sun

There are many ways to experience Lapland and the different seasons of the year, among them, the most popular ones are to see the northern lights (aurora borealis) or to admire the midnight sun.

Northern lights is a light phenomenon that can be seen in the Northern polar regions on clear and dark nights in autumn and in winter. In the summertime the sun does not set below the horizon at all. You can admire the midnight sun for a full month starting July 6th each year.

Centre of Arctic Wellbeing

In the heart of the town, you can find the arctic wellbeing centre of Ounasvaara, with a ski centre and other outstanding sports and educational facilities. Sport technology and education have a strong presence in Rovaniemi. The Northern Finnish regional training center is located at Ounasvaara.

The Center serves athletes and develops the overall sports related operations on both national and international levels. It produces a wide variety of training services and serves athletes of different sports with top quality training facilities to meet the requirements of world-class sports.

[Ounasvaara is the name of the hill/mountain, located in Rovaniemi]

Expertise of Snow Architecture and Design

Winter in the North is an impressive phenomenon. Snow covers the landscape in Lapland for eight months of the year, from the mid October to the beginning of May. Rovaniemi has good expertise in organising winter events, snow and ice sculpting events as well as activity programmes. The most popular tourist attractions are made of snow and ice. There are various examples of professionally built functional snow structures such as snow hotels, igloos, restaurants and saunas. The University of Lapland and the Rovaniemi University of Applied Sciences have joined together with companies specialising in snow and ice building. Together they have developed design knowledge of snow architecture and technical tools for strength calculations and safety control.

Tourism Safety and Security

Lapland University Consortium combines all levels of tourism education as well as innovative research and development activities. Multidimensional Tourism Institute has developed a unique Tourism Safety and Security System, which includes tools for crisis communication, safety and risk management and foresight as well as quality.





食品卫生 Food Safety

食品卫生保障

Commitment to Food Safety

Food trade is an increasingly global business where food ingredients, food products, animals and agricultural inputs are moving rapidly from one country to another. This creates possibilities for trade, but also challenges to maintain the food quality and safety throughout the whole supply chain network. The consumer confidence is a concern at every step, yet the substantial origin of quality is the producer at the beginning of the food chain. Building a food chain both transparent and traceable calls for cooperation of various stakeholders as well as expertise and modern technology to assist the job.

Finland is recognized for strong commitment to food safety. The quality and safety of foods produced and consumed in Finland is internationally of high standard, which is a result of long-term collaboration effort between food producers, authorities, and research and education. The best technological expertise often lies in private companies which, focusing on their core competency can provide the best available solutions for building a successful food chain.

Food Safety Management Finland Association Superior food safety does not occur accidentally

Food Safety Management Finland is an association of food safety experts that promotes the cooperation and internationalization of its member companies. Association members produce a wide variety of food safety-related products and services for the use of companies operating in the food industry. The Association works in close cooperation with Finnish food authorities and research institutions.

A good start for safe food – transportation management – quality of food processing – unbroken cold chain – good packaging – traceability

Food Traceability & Safety Technology Center Dedicated to food safety

The Food Traceability & Safety Technology Center introduces Finnish food safety companies' solutions and demonstrates the utilization of the technologies throughout the different stages of the food supply chain, from raw material sources to the consumer. This permanent showroom is located in the proximity of Helsinki airport at Technopolis Vantaa. You are welcome to visit us!

[Technopolis is the name of the building]



健康高科技 Health Technology



医疗技术的创新资本

Innovation Capital of Medical Technology

The Finns know the ropes when it comes to challenging product development – the country's health technology industry's exports exceed imports by a wide, and growing, margin. Companies operating in Finland are increasingly making use of the possibilities of domestic outsourcing in the design and manufacturing of reliable, easy-to-use complex medical systems.

Finland has a high-quality health care system. For a country of its size, it also boasts a large number of health technology professionals. For decades, the country's dynamic health technology industry has been innovating and developing technology solutions for the global market - helping millions of people around the world and employing tens of thousands of people in Finland.

High Level of Specialization

Over the recent five-year period 2007-2012, Finland's health technology manufacturing and exports have seen an average growth of over 8% annually, despite the recession. In fact, this rate of growth virtually matches the long-term growth rate of over 8% annually since 1996. Health technology companies operating in Finland are highly specialized, and several rank among the largest in their field. Products developed in Finland are renowned for being robust, as well as safe and effective.

Health technology is now the second largest high-tech export sector in Finland and the only significant high-tech product sector where Finland has been able to show consistent growth and a positive trade balance over multiple economic cycles.

The trade statistics speak for Finland's strong product development expertise. Many of the world's largest, international medical technology companies have acquired Finnish companies and expanded their operations in Finland. Relative to its size, the health technology sector has probably attracted more foreign direct investment (FDI) into Finland than any other sector.

Reliable Expert Partners in Design, Manufacturing & Regulatory Affairs

Finnish heath technology companies are also increasingly involved in global outsourcing, design and the manufacturing of complex systems. They have the expertise to take responsibility for testing, quality assurance and regulatory approval procedures and can deliver turn-key solutions to international medtech customers.

The Finns have particular expertise in developing user-friendly systems. Examples include equipment for anesthesia, laboratory sample processing, brain diagnostics and treatment, craniofacial imaging and dental care, as well as brain imaging and diagnostic mapping. Furthermore, Finnish professionals possess strong expertise in complex signal processing technologies, materials technology, and, naturally, mobile health solutions.

In the field of biomaterials for orthopedic implants, some of the most significant recent innovations have come from Finland's research and development efforts.





世界上最大和最高效游轮的家

Home of the World's Biggest and Most Efficient Cruise Ships

Finland has a long tradition in shipbuilding and maritime industry – the first shippard was established as far back as the 18th century. During the 20th and 21st centuries, the shipbuilding industry has developed into one of the pivotal high technology industries in Finland.

Turku Leads the Way

The banks of the River Aura nurtured the development of the local shipbuilding industry, and the high point has been reached in the last twenty years, when the world's largest cruise ships have been built in the Turku shipyard. The production of these enormous vessels is the result of an innovative and competent network of Finnish companies, including various engineering firms as well as system, service and material suppliers.

Southwest Finland – in particular Turku and the areas surrounding it – is the single most important maritime technology industry region in Finland. The Turku Region holds 55% of the whole Finnish maritime technology industry companies.

City of Turku has founded the research unit Meridiem with several leading Finnish maritime universities. This research unit serves maritime sector companies in their R&D activities and projects. Meridiem aims to form a functional model to increase scientific research as well as education within the maritime and offshore industry. The ultimate aim is to create internationally acknowledged innovation hubs.

[Meridiem is the name of the research unit]

Groundbreaking Technology

The modern Finnish maritime industry is founded on world class competence and innovation. The industry has jointly invested in marine-specific R&D programs and innovation platforms.

The Finnish maritime cluster companies provide products and services to several global maritime segments, including world's biggest cruise ships, azimuth thrusters, waste management systems, fire prevention technology, automated terminals and novel ICT solutions like ship design software and arctic know-how.

The Finnish maritime industry is specialized in ship design, ship construction, ship repair, ship power and propulsion, on-board cargo solutions, cargo handling equipment and systems, engineering, design, life-cycle maintenance solutions and ship operation technology, and energy efficient solutions.

The Finnish maritime industry also produces ferries, technically demanding special vessels and vessels for arctic conditions – always with the best possible environmental solutions.







休闲在芬兰

Free time activities in Finland

Finland is a country of tens of thousands of lakes and islands with almost three quarters of the country covered in forests. The clear air and four seasons create opportunities for a variety of activities. In the winter, you can experience the Nordic Lights and in the summer, you can see the famed Midnight Sun. You can pick berries straight from the forest or ski in the pristine clear snow, and afterwards relax in a traditional Finnish sauna.

The urban centres of Finland offer a different world, with shopping and city sight-seeing or world-class sport and concerts.











休闲在图尔库

Leisure Turku

The city of Turku has a compact size, perfect for exploring the exciting mixture of old and new. A large part of city life – main sights, restaurants and shops – is concentrated around the banks of the River Aura. Outside the city, you will find one of the most magnificent, largest and breath-taking archipelagos of the world, with more than 20 000 islands and islets.

Turku has a wide selection of top-quality restaurants serving excellent food, featuring local products. Turku is also a city of young designers, with boutiques providing a glimpse of the future of Finnish and Scandinavian design including fabrics, glassware and ceramics.

In Turku, you can stroll through the Castle of Turku, which has a history of over 700 years, the Turku Cathedral, the most important religious building in Finland, or the Sibelius museum, the only museum in Finland dedicated to music. The Turku philharmonic orchestra is another important part of the musical culture of the city.

The old monastery town of Naantali where you can stroll the narrow stone covered streets is located near Turku. The official summer city of Finland, Naantali is also the summer residence of the President of Finland, and his estate welcomes visitors.

After a long day of sight-seeing, you can visit the largest smoke sauna in the world and cool down in the Baltic Sea, viewing the famous archipelago.













