

Tampere
Finland

f a c t s and figures

Essential information on the City of Tampere and the Tampere Central Region

GROWING PIONEERING LEARNING
BUILDER DEVELOPER RESEARCHER

2007

GROWING

● **Tampere** is the third largest city in Finland and the largest inland centre in the Nordic countries. It is one of the three most rapidly developing regions in Finland. The Tampere Central Region – which includes Tampere and its surrounding municipalities **Kangasala, Lempäälä, Nokia, Pirkkala, Vesilahti** and **Ylöjärvi** – is the second largest growth centre in Finland.

Approximately 325,000 people live in the Tampere Central Region, and approximately 470,000 in the Tampere Region as a whole, which is known as Pirkanmaa. Of the population of the entire Tampere Region, about two percent are non-nationals. Approximately 7,500 non-nationals live in Tampere itself. The largest numbers by nationality are Russians and Estonians.

More than 325,000 inhabitants

Tampere	206 000
Nokia	29 800
Kangasala	27 300
Ylöjärvi	25 700
Lempäälä	18 700
Pirkkala	15 300
Vesilahti	3 800

Two thirds of all Finns live within a two hundred kilometre radius of Tampere.

PIONEERING

● The City of Tampere was established by King of Sweden **Gustav III** in 1779. Tampere has been an industrial pioneer in Finland since the very beginning. Finland's first paper mill started operation in 1783, and the first paper machine was engaged at the **J.C. Freneckell & Son** factory on Tampere's Tammerkoski rapids in 1842.

The cotton factory established in 1820 by **James Finlayson** grew to become the country's first large-scale industrial establishment. The first electric light in the Nordic countries was also lit in Finlayson's modern production facilities in 1882. The city's engineering industry was bolstered by the manufacturer of grinding machines and water turbines **Tampereen Pellava- ja Rauta-**

Nokia the largest employer

Largest companies in the Tampere Region by number of employees

Nokia	4 000	Pirkanmaan Osuuskauppa	1 750
UPM-Kymmene	2 250	Saarioinen	1 550
Metso	2 055	Nokian Tyres	1 500
Finland Post	2 015	Tradeka Corporation	1 200
Metsäliitto	1 880	VR Group	1 060

Jobs in the Tampere Central Region by industry



Tampere has again been evaluated as the country's best and most attractive place to live in the 'Cities: Willingness to Move 2006' survey by Taloustutkimus. Tampere was also found most attractive in two previous surveys (2000, 2002). In comparisons between provinces, the Tampere Region continues to be among the winners in net immigration.

Approximately 15,400 enterprises operate within the Tampere Central Region, of which 80% employ less than ten persons. The unemployment rate is 10%. The value added per inhabitant is approximately EUR 27,000. The BKTA index (EU₂₅=100) is 123.

Teollisuus Oy (Tampella), which was established on the upper reaches of the Tammerkoski rapids in 1861.

By the beginning of the 20th century, Tampere was the largest industrial city in Finland.

In the beginning of 2007, the City of Tampere adopted a new management model based on leadership by a politically elected Mayor and also inaugurated the purchaser-provider model throughout its operations. In addition to leading the city, the Mayor acts as Chairman of the City Board. The Mayor is a political leader, one through whom representative democracy works throughout the city organization. The City Council selected **Timo P. Nieminen** (National Coalition Party) as the first politically elected Mayor for the years 2007–2008. He is also the first Mayor in Finland elected based on the new Local Government Act.

World firsts

High-tech innovations in Tampere

- 1974 NMT phone call
- 1978 automatic teller machine
- 1984 bioabsorbable implant (Bioscience/Bionx)
- 1985 electromechanical film
- 1988 micro-crystallized chitosan (Novasso)
- 1991 GSM phone call
- 1993 analogue Cellular Data Card (Nokia)
- 1994 GSM Data Card (Nokia)
- 1995 walking forest machine (Timberjack)
- 1995 internet phone call (Sonera)
- 1996 Personal Digital Assistant (Nokia)
- 1998 digital X-ray image (Imix)
- 1999 WAP phone and WLAN (Nokia)
- 2001 games and image phones (Nokia)
- 2003 fog screen (FogScreen)
- 2004 automated container terminal (Kalmar Industries)

A DEVELOPER AND TOP-LEVEL RESEARCHER

● Tampere is still the centre of Finnish industry today. Versatile research and education and cooperation between companies and universities have maintained and further developed the competitiveness of the region's industry. In mechanical engineering and automation, for example, world-leading companies include

- **Kalmar Industries**
- **Sandvik**
- **Metso Automation**
- **Metso Minerals**
- **Metso Power**
- **Tamglass**
- **John Deere Forestry**
- **Bronto Skylift**
- **Avant Tecno**

The Tampere Central Region has systematically developed its competence in strategic clusters using means such as centre of expertise programmes and programme-based economic development policy. The **eTampere** knowledge society development programme ran to completion at the end of 2005. Representing the field of health technology, **BioneXt Tampere** (2003–2010) is a development and

investment programme focusing on the leading-edge research, product development, clinical application and international commercialization of biotechnology which advances health and well-being. The programme combines the region's strong technology expertise with new biological and medical research. The focal areas are implants and tissue engineering, immunology and bio ICT.

The Creative Tampere programme (2006–2011) accelerates the emergence of creative economy. The programme's theme areas are culture industry, new technology-enabled service innovations and creative structures. Creative Tampere aims to create new jobs within these areas, to increase awareness of the region and to create new kinds of cooperation networks. Projects underway or currently under assessment include a community-based online film platform, an animation studio, a wireless broadband online community, business development and incubator activities in the field of culture, and the refining of underutilized urban areas.

A strong role in competence clusters

● In Finland, strong areas of competence have been developed through the national centre of expertise programme since 1994. Centres of expertise in Tampere have been mechanical engineering and automation, information and communication technology, media services, health technology, knowledge-intensive business services and meetings industry. In the new programme period 2007–2013, the previous eight centres of expertise will be replaced by 13 competence clusters incorporating 21 centres of expertise in total.

Tampere has a strong role in seven competence clusters:

- **HealthBio**
- **Well-being**
- **Future energy technologies**
- **Ubiquitous computing**

Technology Centre Hermia carries the responsibility for coordination 2007–2010

- **Digital content business**
- **Nano and micro systems and adaptive materials**
- **Intelligent machines**

Technology Centre Hermia carries the responsibility for coordination 2007–2013

Expertise expands, cooperation extends

● Research and development projects, centres and networks in Tampere:

Neogames is a centre of games business, research and development. The organization acts on behalf of the industry and provides companies with services related to business and internationalization.

The University of Tampere Hypermedia Laboratory **Game Research Lab** is a participant in the EU-funded Integrated Project on Pervasive Gaming, IPerG. The project studies and develops future gaming technologies, principles of game design and games business. The Game Research Lab is also engaged in international research cooperation, among others in the study of the volume and form of digital game playing in various cultures.

The **Centre for Open Source Software COSS** develops business based on open

source technology and the open source model of operation. Key international cooperation partners are open source centres particularly in the Nordic countries and the EU, but also in South Africa and China.

COSS is a partner in the EU's Digital Business Ecosystems (DBE) project, which pilots and implements an open source environment for P2P online services.

The **Centre for Ubiquitous Computing, CUBIQ**, is a nationally and internationally networked centre of ubiquitous technologies and services. The centre builds research and development projects and networks and organizes training.

TAUCHI, the Tampere Unit for Computer-Human Interaction at the University of Tampere Department of Computer Sciences, is coordinating two EU projects: the COGAIN network (COmmunication by GAze Interaction) and the MICOLE research and development project

(Multimodal Collaboration Environment for Inclusion of Visually Impaired Children).

The **Wireless User Interface** consortium of the University of Tampere and Tampere University of Technology is developing a face-controlled user interface named Face Interface.

The **Regea Institute for Regenerative Medicine** specializes in the research and production of new tissue engineering based forms of treatment. The focal areas of research are stem cell research and research combining stem cells and biomaterials. Finland's first stem cell research centre and tissue bank conforming to the EU directive on tissue establishments operate at Regea.

Tampere-based research institutions and companies in the field of vaccinations have established a national research and product development centre for

▶ A top researcher

vaccinations and infectious and immunological disease. **Vactia's** first project involves the development of a bird flu vaccine.

The **Forum for Intelligent Machines, FIMA**, is building a national concentration of intelligent machines competence which enhances cooperation between technology research institutions and the mechanical engineering industry. FIMA focuses on applied basic research outlined in accordance with the development strategies of participating companies.

Sentre, the Network for Sustainable Energy Solutions, is a research, product development and innovation network for companies and research and educational establishments in the field of energy. Sentre develops solutions for the production, distribution and use of sustainable energy.

The Tampere University of Technology **Optoelectronics Research Centre, ORC**, is one of the largest research institutes working with laser diodes and fibre lasers in Europe. The centre's activities include the coordination of three EU research projects in the field of photonics. The laser technology competence and service centre **LCC Finland (Laser Competence Centre Finland)** is also based in Tampere.

ROViR delivers expertise to industry

● Construction work on the maintenance equipment for the ITER reactor is advancing in one of VTT's research halls in Tampere. A technology programme has been launched for the development of the reactor's maintenance, directed by the Tampere University of Technology Institute of Hydraulics and Automation.

ITER's maintenance, which involves changing divertors that fill with radioactive waste, will be carried out using the world's most demanding remote operation application to date. Virtual technologies and simulation will be employed for its design and testing.

The design of the reactor's maintenance raises the expertise at VTT and TUT in this area to the leading edge. In order to also be of benefit to Finnish industry, VTT and TUT have established ROViR, the Remote Operation and Virtual Reality Center. It provides companies with research and development services on the ITER maintenance test equipment in regard to virtual design and remote operation.

Biosensing Competence Centre launched

● The nation's key biosensor research groups are concentrated in Tampere. VTT is the Finnish pioneer, and also a global trailblazer in biosensor technology. At Tampere University of Technology, new methods for biological and physiological measurement are under development in a group comprising experts of biomedical engineering, measurement and information

technology, biomaterials, automation and electronics. A new research and product development centre, the Biosensing Competence Centre launched in Tampere in 2007, is to gather cross-disciplinary expertise in the field and interlink stakeholders. The centre is part of the Tampere Biological Information Centre (BIC) network, which also includes the Research Tissue Bank and Biological Data Handling Consortium launched in the beginning of the same year.

Safety for changing road conditions

● Poor road conditions are estimated to be a contributing factor in up to 40 percent of road accidents. In the VTT-coordinated FRICTION project, a system is under development for the continuous measurement of tyre-road friction so that the car itself can estimate the slipperiness of the road. A sensor cluster is under development which is able to categorize road conditions and the available friction levels.

In addition to Finland, companies and research institutions from Sweden, Germany and Italy are participating in the project: Nokian Tyres, Pirelli, Volvo and Fiat; component and vehicle system suppliers Magneti Marelli, Ibeo and Siemens VDO; and Helsinki University of Technology, VTT, and ika from Germany.

The project is a follow-up to the VTT-coordinated Apollo project, which entailed the development of an intelligent tyre that measures the forces affecting it and wirelessly communicates information about them to a vehicle's systems.

INTERNATIONAL PARTNERSHIPS

Tampere International Business Office TIBO

TIBO promotes the Tampere Region in its capacity as a favourable business location. Its aim is to draw foreign companies or their research and business units to Tampere so they may prosper while also strengthening the business environment and competitiveness of the Tampere Region as a whole. TIBO also seeks and establishes regional partnerships with cities and regions whose expertise complements the expertise found in Tampere. The activities of TIBO are directed by **Vesa Kaasalainen**.

The Tampere Central Region in Brussels

The Tampere central region has a joint EU office in Brussels as a promotion and networking point for Tampere-based top expertise.

Cooperation

Tampere and the Tampere Central Region participate in the activities of several European organizations, such as:

- Eurocities • Educating Cities • Association of European Cities and Regions for Culture • International Federation for Housing and Planning IFHP
- ICLEI – Local Governments for Sustainability • the Union of the Baltic Cities
- Gemensam Nordisk Plattform.

The **Baltic Institute of Finland**, an advocate of cooperation in the Baltic region, is also located in Tampere.

Twin cities and municipalities around the world

Tampere Brasov/Romania, Chemnitz/Germany, Essen/Germany, Kaunas/Lithuania, Kiev/Ukraine, Kopavogur/Iceland, Linz/Austria, Lodz/Poland, Miskolc/Hungary, Nizhni Novgorod/Russia, Norrköping/Sweden, Odense/Denmark, Olomouc/Czech Republic, Syracuse/United States, Tartu/Estonia, Trondheim/Norway. Friendship cities based on development cooperation projects are Leon in Nicaragua and Mwanza in Tanzania. **Kangasala** Vänersborg/Sweden, Holmestrand/Norway, Herning/Denmark, Siglufjörður/Iceland, Eidi/Faroe Islands, Arsuk/Greenland, Husby/Southern Schleswig in Germany, Rāpinä/Estonia, Zülpih/Germany. **Lempäälä** Ulricehamn and Upplands Bro/Sweden, Ovre Eiker/Norway, Kerteminde/Denmark, Tapolca/Hungary. **Nokia** Karlstad/Sweden, Moss/Norway, Horsens/Denmark, Blönduós/Iceland, Oryol/Russia, Sillamäki/Estonia. **Pirkkala** Solna/Sweden, Ski/Norway, Gladsaxe/Denmark, Valjala/Estonia. **Vesilahti** St. Georgen/Germany, Rouge/Estonia. **Ylöjärvi** Avrika/Sweden, Kongsvinger/Norway, Skive/Denmark, Saku/Estonia, Vishnii Volotshok/Russia, Balatonföldvár/Hungary.

LEARNING AND STUDYING

Fields of education at the Tampere and Pirkanmaa Polytechnic Universities of Applied Sciences

- Culture, music, media, fine art
- Social sciences, business economics and administration
- Natural sciences
- Forestry and environmental engineering
- Tourism, catering and domestic services
- Social services, health and laboratory sciences
- Technology, communication and transport

The Tampere Polytechnic – University of Applied Sciences also has a teacher education centre.

Faculties of the University of Tampere

- Economics and Administration
- Education
- Humanities
- Information Sciences
- Medicine
- Social Sciences

Departments of Tampere University of Technology

- Architecture
- Automation
- Civil Engineering
- Electrical Engineering
- Environmental Technology
- Industrial Engineering and Management
- Information Technology
- Materials Engineering
- Mechanical Engineering
- Science and Engineering

GIM focuses leading-edge research

The intelligent mobile machines or robots of the future will be designed modularly and they will resemble each other more than they do today. The Generic Intelligent Machine (GIM) project has been established to focus research in the field and to combine the research expertise of two leading Finnish research groups in the development of new-generation machines. GIM is a joint project by the Tampere University of Technology Institute of Hydraulics and Automation and the Helsinki University of Technology Automation Technology Laboratory. The research objects include power and energy systems, power and data transfer, software system architectures and perception and navigation systems.

Tampere Polytechnic – University of Applied Sciences has the best image among polytechnics in Finland according to an image survey carried out in 2006. Tampere Polytechnic's strengths include its reputation as a place of study, the attractiveness of the city in which it is located and the diversity of its fields of education.

- After Helsinki, Tampere is Finland's largest and most important city for taking studies. Basic education in Tampere is provided in English, French and German languages in addition to the usual Finnish and Swedish. The IB programme at Tampereen Lyseon Lukio upper secondary school aims that students attain the International Baccalaureate diploma. Tampere's universities and polytechnic universities of applied sciences have degree programmes taught in English.

The Central Region has:

- 124 comprehensive schools, 33,900 pupils
- 20 upper secondary schools, 7,000 students
- more than 30 technical and vocational schools and colleges
- 2 universities, 2 polytechnic universities of applied sciences, 37,000 students.

Finnish policemen and women will be trained in Tampere's Hervanta district after the Police College of Finland is transferred there to adjoin the existing National Police School of Finland by the beginning of 2008.

Of people 15 years of age or older in the Tampere Central Region, 40 percent have secondary level education and 29 percent have a higher education or postgraduate degree.

Academy of Finland centres of excellence on the leading edge in research

At the University of Tampere

- The Finnish Centre of Excellence in Research on Mitochondrial Disease and Ageing (FinMIT) 2002–2007, 2008–2013

At Tampere University of Technology

- Centre of Excellence in Signal Processing 2006–2011

The Institute of Hydraulics and Automation and the Helsinki University of Technology Automation Technology Laboratory together form the Finnish Centre of Excellence in Generic Intelligent Machines Research (GIM) 2008–2013.

- The centres of excellence in education for 2007–2009 at the University of Tampere are the Language Centre, the Licentiate of Medicine education, the Unit for Early Childhood Education and the Department of Regional Studies. At Tampere University of Technology, the Institute of Production Engineering is a centre of excellence in education for the years 2007–2009.

ACTIVE

A city of congresses

In 2006, an all-time record number of international congresses were arranged in Tampere, a total of 57. More than 10,000 delegates attended.

A city of fairs

Approximately 30 trade fairs are arranged at Tampere Exhibition and Sports Centre every year. The best known of the fairs is the Subcontracting trade fair for industry, which is arranged every autumn. In 2006, this largest trade fair event in its field in the Nordic countries attracted more than 16,800 fair-goers and over 1,400 companies from 19 countries.

A city of museums

Tampere's museums include the Museum Centre Vapriikki inside Tampella's old engineering workshop, the Tampere Art Museum, the Sara Hildén Art Museum, the Moomin Valley of Tampere Art Museum, the Finnish Labour Museum Werstas, the Lenin Museum, the Textile Industry Museum, the Rupriikki Media Museum, the Shoe Museum, the Finnish

Designed by architects Sakari Aatelo and Esa Piironen and built in 1990, Tampere Hall is the largest concert and congress centre in the Nordic countries. It has several times been evaluated as the best congress centre in Finland.

Ice Hockey Museum and the Finnish Boxing Museum.

A city of children

Events, workshops, theatre and musical performances are arranged at the centre for children's culture, Rulla, in the Finlayson area. Three out of Finland's six professional theatres for children work in Tampere.

A city of theatre

Dozens of theatres operate in the city, the largest of which are Tampere Theatre and the Tampere Workers' Theatre.

A city of events

The **Tampere International Short Film Festival** gathers film professionals and enthusiasts from Finland and beyond to Tampere every spring. The programme at what is the largest and oldest film festival in northern Europe includes Finnish and international short film competitions. The **Tampere Theatre Festival** is the oldest annual theatre festival for professionals

in the Nordic countries. The International folk dance and music festival **Pispala Schottische** is held in June every second year. International music festivals include the new music festival **Tampere Biennale** every other year, the annual vocal music festival **Tampereen Sävel** and the **Tampere Jazz Happening**, which draws modern jazz enthusiasts to concerts and seminars every autumn. The **MindTrek** multimedia week presents electronic media to both laymen and professionals every autumn.

Anniversaries in 2007

- **Tampere Cathedral** 100 years
- **Tampere Art Museum** 75 years

• 60 years of opera

Tampere Opera dates from 1946, when a group of opera enthusiasts established the Tampere Opera Association. The first premiere was ready by May 1947. Performed in spring 2007, *Aida* is the 80th work to be performed by Tampere Opera and its 114th premiere.

- **Pikku Kakkonen** children's TV programme 30 years

4,000,000

The first feature-length Finnish space film, *Star Wreck – In the Pirkinning*, has already exceeded four million downloads by internet distribution. In December 2006, Universal Pictures released an improved Imperial Edition on dvd. This is the first time that Universal has published a Finnish film.

To your health!

The UKK Institute was established in the Kauppi area of Tampere as an 80th anniversary gift for Finland's long-reigning president, Urho Kaleva Kekkonen. The expert and research institute for health promotion and free-time accident prevention was completed in 1984.

AN ACTIVE SPORTS ACTIVATOR!

● Tampere is a city of sports. In addition to being active itself, it also activates others. The following events have or will be hosted by Tampere:

- **Judo European Championships 2006**
- **Karate World Championships 2006**
- **IIHF World U18 Championships 2007**
- **Taekwondo EuroCup 2007**
- **European Wrestling Championships 2008**
- **Jukola and Venla orienteering relays 2008**
- **Finnish Athletics Championships Kalevan Kisat 2008**
- **Games from the UEFA European Women's Championship 2009**
- **European Youth Olympic Festival 2009**

Annually arranged international competitions include the **Tammer Tournament** (boxing) and the **Delfin Basket** junior basketball tournament. In addition, Finland's largest rowing competition in the Olympic classes, **Kaukajärven Soutu**, takes place in Tampere.

Ice hockey is Tampere's favourite sport, both for hobbyists and spectators. In Tampere the sport is steeped in tradition: Finland's first artificial ice rink was built in the city in 1956 and the country's first ice hall, the Hakametsä hall, in 1965. Tampere has two teams in the national championships league, Tappara and Ilves, and sporting activities are also on top form in other arenas; Tappara's Kiira Korpi carried the bronze medal home to Tampere from the European Figure Skating Championships in 2007.

Tampere clubs play on the Finnish championship level in football (Champions 2006), volleyball (Champions 2006), basketball, floor-ball, rugby (Champions 2006) and cricket (Champions 2006). The Ratina stadium, right in the city centre, is an arena for athletics and football. The stadium has room for 16,500 spectators.

A BUILDER

● Industry has left a strong mark on the buildings in Tampere. Though engineering workshops no longer rumble at the **Finlayson** and **Tampella** factories, these areas are full of new life. In its time, Finlayson's six-floor factory building was a breakthrough in modern industrial building in the Nordic countries. Now the historic milieu of Finlayson is home to ICT and media companies, museums, restaurants and cinemas. The refurbished Finlayson factory milieu was awarded in 2004 as the third best quarter out of almost a hundred European projects in the international DIFA-AWARD urban development competition. Tampella's workshops have been replaced by IT companies,

offices and apartments. In their time, workers' housing areas were formed on the **Pispala** ridge and in the **Amuri** district. A small area of the old Amuri has been preserved as a museum in the midst of residential apartment blocks. The old landscape of narrow alleys and steep slopes in Pispala is now protected. New openings and plans include the development of the **Ratina** area for residential and office use in the city centre and the building of a new suburb, **Vuores**, on the border between Lempäälä and Tampere.

Tampere Cathedral: a masterpiece of Finnish ecclesiastic art

● The oldest building in Tampere is the **Messukylä Old Church**, dedicated to Saint Michael. The stone-built church was completed in 1434.

● The grey-granite **Tampere Cathedral** is valued as a treasure among Finnish architecture of the national romantic period. Designed by architect Lars Sonck, the church was completed in 1907. The interior is decorated with art by Hugo Simberg and Magnus Enckell.

● **Tampere City Library Metso** also acts as the Regional Library for the Tampere Region. Seen from above, the building resembles a courting wood grouse. Completed in 1985, Metso was designed by Reima and Raili Pietilä, who also designed Mäntyniemi, the official residence of the Finnish President.

● Tampere's landmark **Näsinneula** is the Nordic countries' highest observation tower. The top of the tower reaches to a height of 168 metres. It was opened in 1971. At the foot of Näsinneula is the **Särkänniemi Adventure Park**, which was selected by Finns as the best free-time centre in Finland in 2006.

● According to an image survey of 31 Finnish cities by Taloustutkimus in 2005, Tampere has the best image as a city of tourism.

Cultural feat of 2006

A full restoration of the Little Palace on the Hämeenpuisto esplanade in Tampere was completed in 2006. This cultural feat in building history was implemented by the owner of the building, Leila Parhankangas.

Ideapark, 'the biggest indoor city in the Nordic countries', opened its doors in the beginning of December 2006 to reveal 100,000 square metres of floor space under one roof, 180 shops, and 20 restaurants and cafés. Ideapark aims to attract 6 to 8 million visitors a year.

CLOSE TO NATURE

Tampere's city centre is surrounded by lake and ridge scenery, sited on an isthmus between lakes **Pyhäjärvi** and **Näsijärvi**. The **Tammerkoski** rapids run through the city. The Ministry of the Environment has appointed the Tammerkoski industrial scenery as one of Finland's national landscapes.

Pyynikki, which was formed by the action of ice and sea more than 10,000 years ago, is the world's highest gravel ridge. At its highest it rises 80 metres above Lake Pyhäjärvi and 160 metres above sea level.

Silver in international city lighting competition

The lighting at Tampere's Central Square attained second position in an urban lighting competition, the International City-People-Light Award 2005. One particular justification for the award was the comprehensive development of Tampere's lighting. All in all, 22 cities from around the world were invited to participate in the competition. First place went to the lighting for the Cologne Cathedral in Germany.

100 square metres of park per inhabitant

- Tampere's **population density** is 388 per square kilometre.
- There are 200 **lakes and ponds** in Tampere, and a total of 450 in the entire region.
- 24 percent of Tampere's surface area is water and 76 percent land. 19.3 per cent of the land has a town plan.
- There are numerous **nature reserves** in Tampere. Pyynikki and Viikinsaari near the city centre are the best known.
- **Parks and green areas** amount to 2,400 hectares, approximately 100 square metres per inhabitant. The city also has four allotment areas. The Hatanpää allotment, established in 1916, was among the first in Finland.

A spearhead city in environmental protection

● The City of Tampere's environmental strategy aims to develop Tampere into a spearhead city of environmental protection by 2012. The strategy defines ecological sustainability in Tampere and sets targets for reducing environmental load and improving the state of the environment. According to a new report, the City of Tampere has succeeded in developing towards sustainability in areas such as waste management, environmental education and the harmonization of urban structure.

Air quality continually monitored

Tampere is the first European city to continually monitor particle concentrations in the air. Measurements are carried out around the clock with the outdoor ELPI (Electrical Low Pressure Impactor) analyzer developed by the Tampere-based company Dekati Oy. ELPI is used to monitor the size and number distributions of particles the size of viruses and bacteria. The data can be read over the internet in real time.

EASY TO REACH

By plane

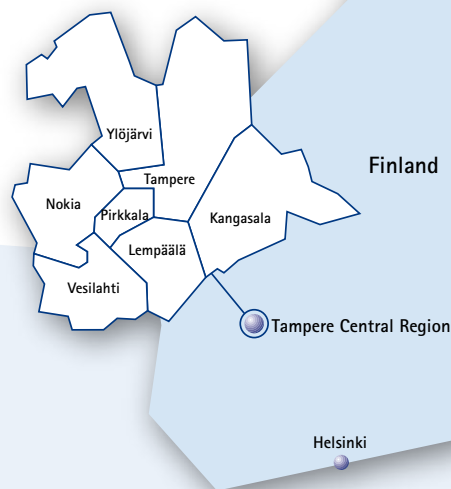
Tampere-Pirkkala Airport is located 13 kilometres southwest of Tampere and enjoys good traffic connections. Tampere can be reached from Helsinki, Stockholm, Copenhagen, London, Frankfurt, Riga, Liverpool, Dublin and Bremen (April 2007).

By train

The Pendolino train makes the 175-kilometre journey from Helsinki to Tampere quickly, in just an hour and 30 minutes.

By bus

Tampere can be reached by bus from almost anywhere in Finland – four fifths of all north-south traffic in Finland goes through the Tampere Region. Taking a bus is also a handy way to get about in the city itself. Tampere was the first city in Finland to manage its internal traffic with buses.



Get in touch!

City of Tampere • www.tampere.fi

Kangasala • www.kangasala.fi

Lempäälä • www.lempaala.fi

Nokia • www.nokiankaupunki.fi

Pirkkala • www.pirkkala.fi

Vesilähti • www.vesilahti.fi

Ylöjärvi • www.ylojarvi.fi

BioneXt Tampere • www.bionext.org

Technology Centre Hermia Ltd

Mechanical Engineering and Automation
Information and Communication Technology
• www.hermia.fi

Finn-Medi Research Ltd

Health Technology
• www.finnmedi.fi

Professia Ltd

Knowledge-Intensive Business Services
• www.professia.fi

Congresses and Meetings

• www.tampere.fi/conventionbureau

Tampere University of Technology • www.tut.fi

Tampere University • www.uta.fi

Tampere Polytechnic University of Applied Sciences • www.tpu.fi

Pirkanmaa Polytechnic University of Applied Sciences • www.piramk.fi

VTT Technical Research Centre of Finland • www.vtt.fi

Technopolis TSP Ltd • www.technopolis.fi

Tampere Hall • www.tampere-talo.fi

Tampere Trade Fairs • www.tampereenmessut.fi

Tampere Chamber of Commerce and Industry • www.tampere.chamber.fi

Regional Council of Pirkanmaa • www.pirkanmaa.fi

Employment and Economic Development Centre for Pirkanmaa • www.te-keskus.fi/pirkanmaa

Tampere-Pirkkala Airport • www.ilmailulaitos.fi/lentoasemat

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