

FINLAND

To succeed in a constantly changing world, you have to change and adapt too. Finland has reinvented itself in just one short century – and we're still at it. For Finns, design is a way of tackling complex problems, implementing technological innovations, developing services and creating new business opportunities.

Design is a key, strategic element in the success of Finnish companies.

Rovaniemi

Oulu

Tampere

Turku

Capital:
Helsinki

SOME FACTS

Republic 1917

EU member 1995

338,424 sq km

71.6% forest / 10% water

187,888 lakes

Population 5.5 million

18 inhabitants/sq km



this is
FINLAND

*Suomi
Finland*
100

**INNOVATIVE
DESIGN
FINLAND**

FINLAND - FIRST IN INNOVATION

Finland is among the world's top 10 countries in terms of patented inventions per capita. Finns have always been quick to embrace new technology – and develop it ourselves. World-class education is available to everyone whilst public libraries and cultural institutions offer information and inspiration for everyone.

Social innovations like the maternity package and free school lunch are equally as important.



PARLIAMENT

The unicameral parliament with 200 members elected for a four year term is the supreme decision – making authority.
www.eduskunta.fi/en

EDUCATIONAL EXCELLENCE

Finland offers high-quality and life-long education. Educational system has even become a new export article with tailored solutions designed with partners.

www.educluster.fi

Among the 15 universities the new Aalto University innovatively combines science and art to meet technology and business.

www.aalto.fi

HIGH LITERACY OF CHILDREN

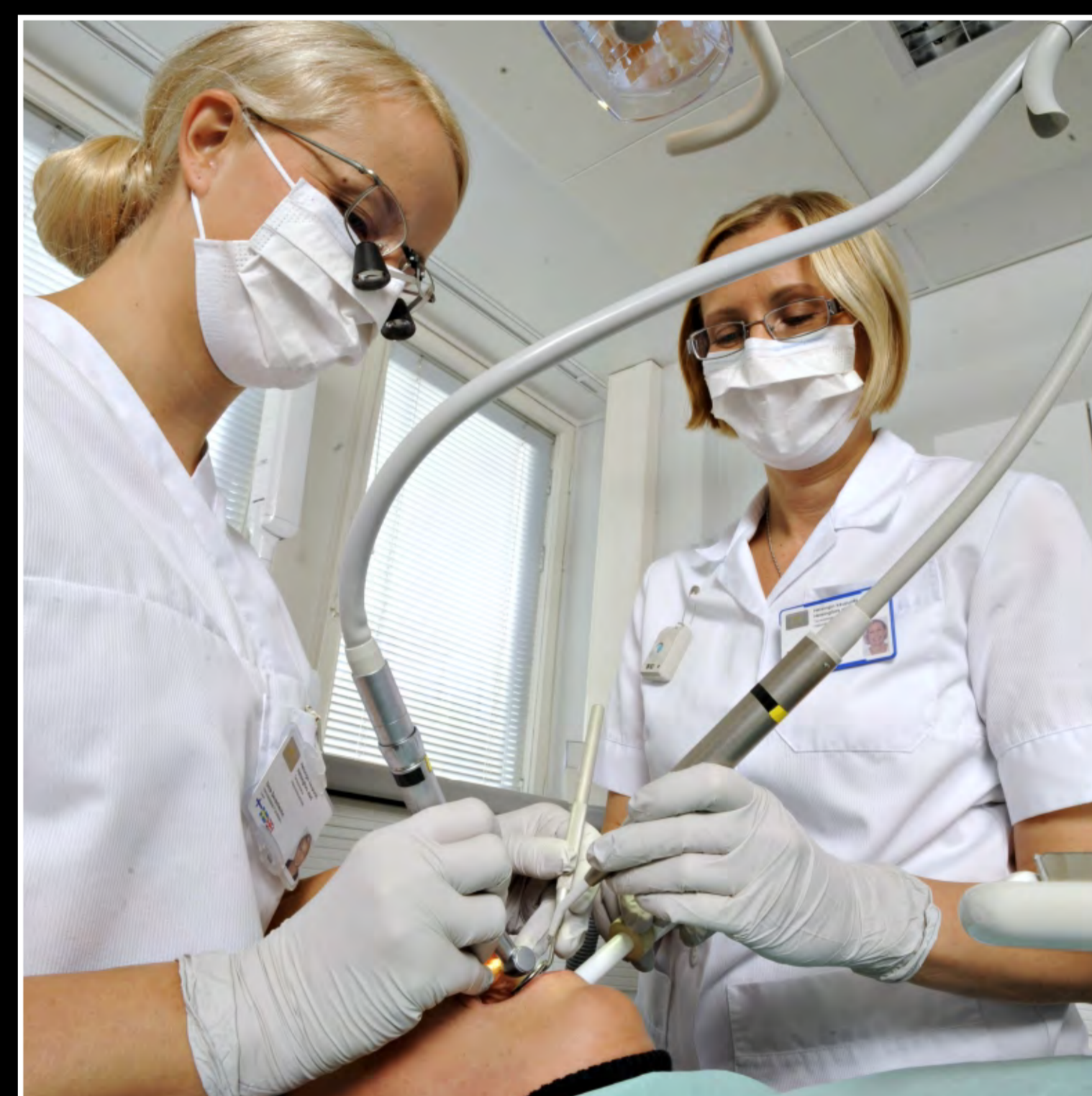
rated among the best in the world in reading, maths and science skills league tables and rankings.

<http://minedu.fi/en/pisa-2015-en>



HEALTH AND WELL-BEING GIVEN HIGH PRIORITY

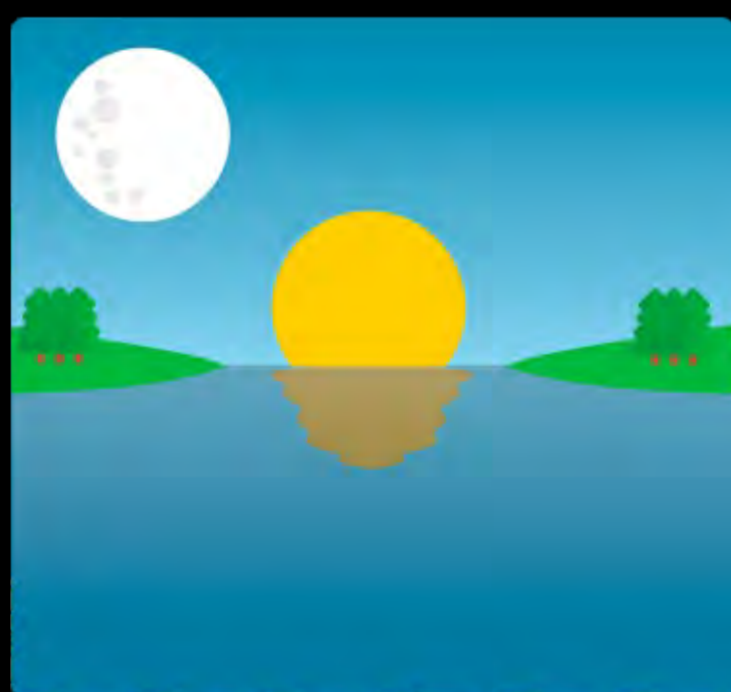
Known for social innovations such as school meals, child day care, 24 hour service homes, all inclusive health centres, sauna and no tuition fees.



MATERNITY PACKAGE

Everyone needs a good, equal start in life. Introduced in 1938 as a countermeasure to a high infant mortality rate, the maternity package has encouraged Finnish mums to attend pre-natal health checks and is now given to all parents expecting or adopting a child.

www.kela.fi



FINLAND EMOJIS

Finland is the first country in the world to publish its own set of country themed emojis. The Finland emoji collection contains 56 tongue-in-cheek emotions, which were created to explain some hard-to-describe Finnish emotions, Finnish words and customs.

<https://finland.fi/emoji/>



More about Innovative Design from Finland:

designforum.fi

designmuseo.fi

finland.fi

visitfinland.com

Exhibition production 2017: Arkeos / Jarno Peltonen

Arkeos / e-mail: jarnopeltonen8@gmail.com

Graphic design: Suunnittelutoimisto Pekka Kouhia Oy

A part of Suomi Finland 100 program



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NOKIA OZO

The first professional virtual reality camera with 360 degree audio video capture. OZO-camera with OZO Creator is the industry-leading solution used by the world's best VR creators.

NOKIA / www.nokia.com

Information and communication technology design focuses on mobile terminals, consumer electronics and information technology infrastructure.

Multimedia is an essential part of modern life, and portable or easily accessible devices enable everything from process planning and logistic controls to vehicle and pedestrian navigating.



PONSSE SCORPION HARVESTER

The eight-wheeled PONSSE Scorpion raises productivity and ergonomics in harvesting to a whole new level and sets the future standard for the driver's working environment.

Ponsse is one of the world's leading manufacturers of forest machines for the cut-to-length method.

Ponsse Oyj / www.ponsse.com

OPTI4G INFORMATION SYSTEM

The information system used in the Ponsse harvesters allows harvesting to be centrally planned afore and harvest instructions and stand maps to be sent to the forest machine.

Ponsse Oyj / www.ponsse.com

CAMU 1200 CLEAN AIR MANAGEMENT UNIT

A portable workstation for mixing plaster and grout fitted with efficient dust removal. Fenniaprize 17 Winner.

Design Antti Väisänen, Frank Russi, Pekka Silen, Involve Oy
Consair Oy / www.consair.fi



OPTICONCEPT M

The world's most advanced papermaking process suits containerboard, carton board and fine paper production - simple, well-functioning solutions that meet customers' needs.

Valmet Automation Oy / www.valmet.com

AUTOMATED GUIDED VEHICLE

The world's first in serial production with interaction of automation with people and truly communicating with it's environment.

Rocla / www.rocla.com



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BORNHOLMSLINJEN

Shipbuilding in and around Rauma shipyard stretches from 14th century merchant ships to ultra-modern, specialized vessels of the 21st century.

RMC Rauma Marine Constructions Oy / www.RMCfinland.fi



FRESCO AZIPOD

Azipod (Azimuthing Podded Drive) propulsion system is conceived to give ships remarkable advances in maneuverability with a motor inside a submerged pod that is 360° steerable.

ABB Oy / www.abb.com

Finland is a seafaring nation with long shipbuilding traditions. Safety, reliability and comfort are achieved applying proven technologies, based on years of experience and innovative design.

Finland has a world-class status in shipbuilding and advanced machine technologies.



SWAN 601

More than 40 years of experience in the creation of luxury yachts. Nautor's Swan is a worldwide synonym of prestige and sailing elegance.

Design German Frers (2004–2007)

Oy Nautor Ab / www.nautorswan.com



ICEBREAKER POLARIS

Icebreaker Polaris, delivered in 2016, is the first LNG powered icebreaker in the world. Innovative design is used for the vessel's hull form and propulsion unit arrangement.

The icebreaking capacity of Polaris is 1,8 m at speed of 3,5 km.

Arctech Helsinki Shipyard Oy / www.arctech.fi



THE MEIN SCHIFF SERIES

The Meyer Turku shipyard has built a series of four cruise ships for German TUI Cruises. These large (Length 295m, 2794 passengers, 1267 cabins, 1030 crew members) cruise ships have tried-and-tested combined exhaust gas cleaning system.

Meyer Turku Oy / www.meyerturku.fi



TALLINK MEGASTAR, FAST FERRY

Tallink Megastar is the most advanced ferry in the Baltic Sea. Using LNG as fuel and having an extremely efficient new hull shape, she is very environmentally friendly and safe.

Length 212m, 2800 passengers, service speed of 27 knots.

Meyer Turku Oy / www.meyerturku.fi

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THE VAISALA RADIOSONDE RS41

Upper-air weather observator with data accuracy streamlines launch preparations, reduces human errors, and lowers operational costs.

Vaisala Oyj / www.vaisala.com

Finland is a nation of early adopters and a dedicated test-bed for global solutions. This has led to Finland being home to a myriad of information technology success stories, from cyber security, mobile devices and games and IoT to smart traffic.

Ergonomics, functionality, manufacturability and brand identity are important design factors. Innovative design gives added value to the product.

SUUNTO SPARTAN ULTRA THE GPS WATCH FOR ATHLETIC AND ADVENTURE MULTISPORT

Suunto Spartan Ultra GPS watches showcase an extremely durable color touch screen and robust materials on the outside, and advanced sports expertise and training insights on the inside. (iF Design Award 2017)

Suunto / www.suunto.com

SUUNTO EON STEEL THE FULLY CUSTOMIZABLE DIVE COMPUTER

Suunto EON Steel is next generation dive computer. It combines advanced technology with bright color screen and customizable features and display to show clearly what divers need. (iF Design Award 2015)

Suunto / www.suunto.com



REIMAGO THE WORLD'S FIRST ACTIVE SENSOR FOR KIDS

ReimaGO is a clever innovation combining an activity sensor, mobile app and weatherproof outdoor clothing. ReimaGO is developed together with Suunto.

Reima / www.reima.com/int/reimago

NOKIA PORTFOLIO OF DIGITAL HEALTH PRODUCTS

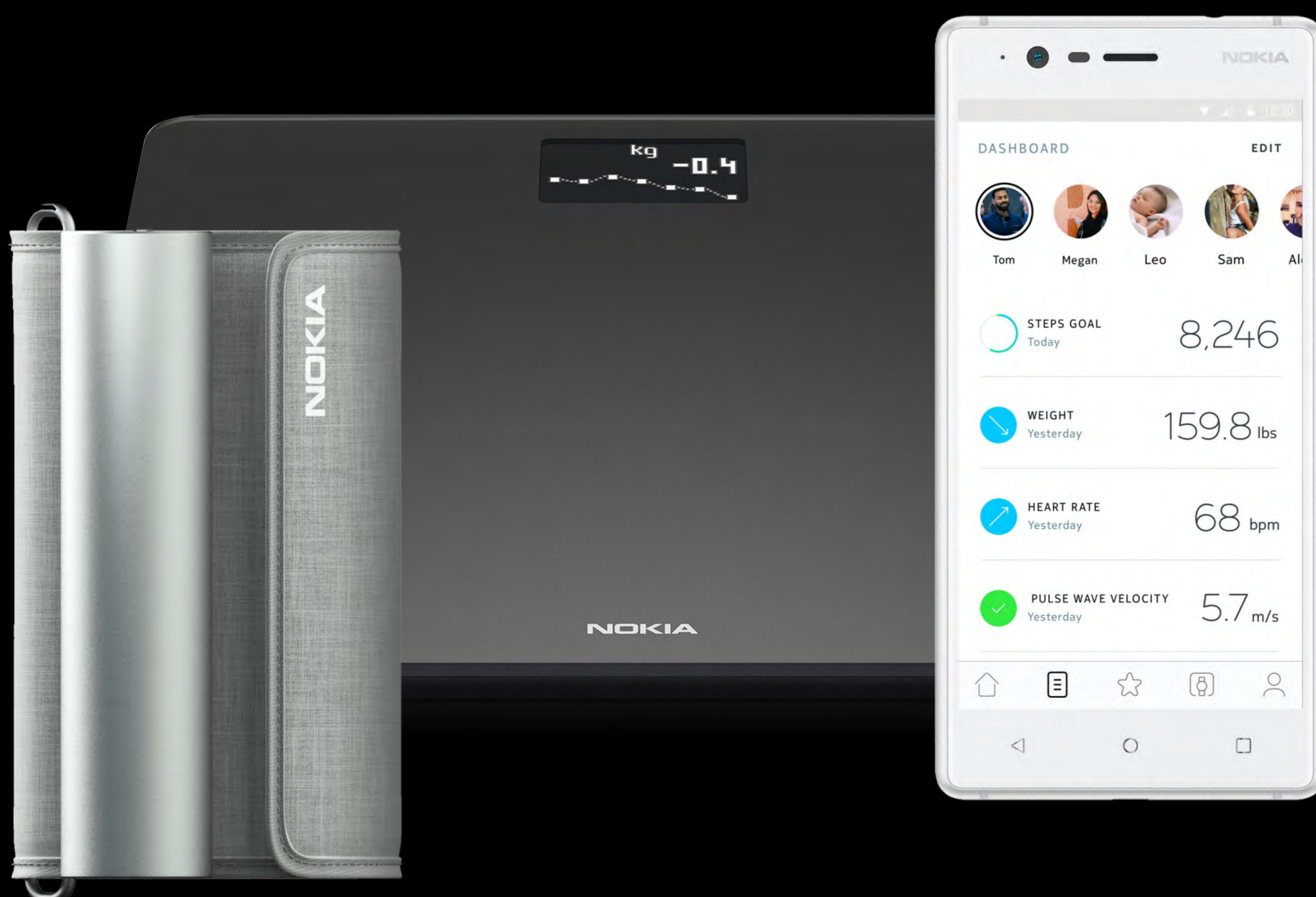
Products with their careful design are easy to use enabling individuals to monitor and improve their health easily. New products include Nokia Body BMI Wi-Fi connected scale, Nokia BPM+soft-cuff blood pressure monitor and Nokia Health Mate app with 360-degree view of health.

Nokia / <https://health.nokia.com>

NOKIA 3310

The icon is back. A modern classic reimagined for 2017.

Nokia / www.nokia.com



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KAVO ORTHOPANTOMOGRAPH™ 3D PRO

The device uses the latest in 3D and 2D imaging technologies. High-quality, clinically rich images lead to efficient and confident diagnosis and fast and effortless workflow. The KaVo OP 3D Pro crystallizes the 50-year heritage of the legendary ORTHOPANTOMOGRAPH product family.

KaVo Kerr Group Finland / www.kavokerr.fi and www.kavo.com

Finland has a world-class status in medical electronics as well as in biomedical and other biotechnology products.

Healthcare design concepts are developed with clinicians, doctors and nurses following actual patient care processes.



PLANMED VERITY

Planmed Verity is a point-of-care extremity CT providing high quality 3D images with low dose. Design awards: Red Dot, Good Design.

Design Planmed / www.planmed.com



PLANMED CLARITY – MAMMOGRAPHY UNIT

A digital unit for screening and diagnosis of breast cancer giving a detailed and distinct picture of the investigated tissues. Design award Fenniapriize 2017 Winner.

Industrial and user interface design Tapio Laukkanen.

Planmed Oy / www.planmed.com



MERIVAARA Q-FLOW™ SURGICAL LIGHT

Q-Flow™ improves the working environment and offers a new way to reduce the risk of infections by decreasing the air flow circulation. The light gives superb colour rendering (Ra 98), perfect for a variety of surgeries. Fenniapriize 17 Grand Prix.

Creative Director Pekka Kumpula.

Merivaara Oy / www.merivaara.fi



ICARE® IC100

A tonometer for all eye care professionals based on a rebound measuring principle that requires no drops, air or specialized skills for its use. The new premium design and user interface bring IOP measuring to a new level.

ICARE® HOME

An easy to use tonometer designed for home use for Glaucoma Patients or suspects, who need regular IOP monitoring by a health care professional's prescription.

Icare Finland Oy / www.icare.com / www.icaretonometer.com



PLANMECA SOVEREIGN® CLASSIC DENTAL UNIT

The exquisite Planmeca Sovereign Classic dental unit is the perfect outcome of clever design details that facilitate working throughout the day. From patient treatment to easy infection control, this unit is intelligent inside and out.

Design: Timo Silvonen and Kari Malmen

Planmeca Oy / www.planmeca.com

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PENDANT LAMP A 331

White painted aluminium, polished brass rings
(design Alvar Aalto, 1953–54)

TEA TROLLEY 900

Birch, ceramic tile, rattan
(design Alvar Aalto, 1937)

ARMCHAIR PAIMIO 41

Birch, natural lacquered, seat bent birch plywood
lacquered in white or black
(design Alvar Aalto, 1931–32)

Finland, as a forested country, has had a flourishing furniture industry for more than 100 years. Standardisation and rationalisation have made it possible to produce many iconic yet affordable furniture series.

Nicolas G. Hayek Center, 2007, Tokyo, Japan
Architect: Shigeru Ban Architects

Alvar Aalto, the visionary, modern architect, began designing furnishings as a natural and important extension of his architectural thinking. The first modern furniture he created in 1930. His design philosophy brings a human perspective to modernism by blending functionalism with form and sculptural simplicity with the emotional warmth of bent wood.

Producer Artek / www.artek.fi

ARMCHAIR 400

Birch, natural lacquered
(design Alvar Aalto, 1935–36)

NIETOS, LOUNGE CHAIR

Molded plywood and epoxy coated or chromed steel tube, totally upholstered.

Design Mikko Paakkanen
Nikari Oy / www.nikari.fi



HALF CUP

A hybrid of a piece of furniture and space. The user can make a choice between an open and a closed space.

Design Henri Judin
Vivero Oy / www.vivero.fi



TOMOKO

Tomoko is a sheltering, acoustic piece of office furniture for privacy and concentration in open-plan offices, lobbies, recovery rooms and other open spaces.

Design by MottoWasabi / Anna Salonen & Yuki Abe.
Vivero Oy / www.vivero.fi



ROSEBUD

a rocking chair updated.
Design Ilkka Suppanen
Vivero Oy / www.vivero.fi



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MEDUSA LIGHT

"Light is an emotion". The unique light fixture has drawn its inspiration from the movement of a jellyfish. The fixture is made of side emitting fibre optic rods lit by high intensity LED's. A microprocessor controlled motor moves the fixture and makes it change in a hypnotic way. The movement can be stopped at any stage, giving you the possibility to choose your favourite shape of the day. Size of Medusa (depending on movement) 1900 mm x 250 mm to 1200 mm x 1000 mm.

Design Mikko Paakkanen
Saas Instruments / www.saas.fi

With natural materials wide available and nature inspiring design, following ecological principles is an essential part in design ethics, practice and policy. A slow, simple style of life can make people feel good. A deeply impressive minimal experience of nature brings peace and quiet in physical form even to an urban environment. Nature plays a part in interior elements. The peacefulness, cleanliness and essentially human character of living conditions in Finland can be harnessed by means of modern technology, even to achieve a new concept in luxury.

GENELEC 8351 LOUDSPEAKER

The new model 8351 represents the best of monitor loudspeaker solutions in the world with three-way speaker technology. The cabinet is recycled aluminum with timeless vocabulary of form. Fenniaprize 17 Winner.

Design Harri Koskinen
Genelec Oy / www.genelec.com

ONE, FLOWER VASE

ONE highlights the delicate beauty of a single flower. Design brand be&liv aims to bring poetry back to everyday life with design objects.

Design Ilkka Suppanen / www.beandliv.com



OCTO PENDANT, BIRCH

Secto Design lights are handmade of top-quality local PEFC-certified form-pressed birch. The wood provides a luminosity to create an atmosphere and appeal which inspires people all over the world.

Design Seppo Koho
Secto Design Oy / www.sectodesign.fi

THE BIOFORE CONCEPT CAR

The car showcases the potential of UPM's biomaterials for various end-uses including industrial and consumer applications. Biomaterials are of high-quality, durable and offer new design opportunities.

Design and manufacturing:
Helsinki Metropolia University of Applied Sciences
www.metropolia.fi
<http://muotoilu.metropolia.fi>

UPM – a frontrunner of new forest industry
www.upm.com, www.upmbiofore.com



KUPU SMOKE ALARM

The delicate design makes it is easy to be adapted into various interiors. Security is beautiful. Easy to be fixed on ceilings or walls. The cover acts as a button for testing the function or stopping false alarms. Wallpaper Design Awards, Red Dot-design award.

Design Harri Koskinen
Jalo Helsinki Oy / www.jalohelsinki.fi



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X-RAP MAGNUM, LURE

Rapala X-Rap Magnums are designed for fast saltwater trolling with speed up to 13 knots. The ultra durable construction and saltwater-proof hardware make these big game lures practically unbreakable. Available are three sizes with unassisted diving depths of 15, 20 and 30 feet.

Rapala and its products are clearly crafted from experience with over 70 years of production, 300 world-record catches and unique distribution network. Mr Lauri Rapala living in poverty managed to carve a rough-looking lure with off-centre wobbling action in 1936. This one is still the basis for many Rapala lures. The story of Rapala lures had started.

Rapala, Rapala VMC Corporation / www.rapala.fi

Free time, exercise and the outdoors are core parts of the Finnish way of life. Nature is present even in urban surroundings. Many Finns have second homes or summer cottages.

BUSTER PHANTOM, ALUMINIUM BOAT

Buster is one of the most popular motorboats in Nordic countries. The Phantom is the biggest in the wide range of models meant for leisure boating and demanding work. Buster quality is guaranteed by AHT-Aluminium Hull Technology.

Inha Works Ltd Buster Boats / www.buster.fi, www.busterboats.com



BUSTER Q

A modern powerful laptop combining functionalities as navigation, training, wireless networking and wireless upgrades.

Inha Works Ltd Buster Boats / www.buster.fi, www.busterboats.com



HELKAMA 1011

The top design and top appeal bike, Helkama 1011, represents new Ultimate Comfort & Aesthetics-type of bicycle. The frame is made of high-pressure cast magnesium, which is strong and ultra light weight. Due to the patented hollow frame, it is possible to hide the cabling system, making the end result both functional and stylish. Helkama is Finland's leading bicycle manufacturer.

Helkama / www.helkamavelox.fi



TUNTURI C20 16"

This rear driven cross trainer is ideal, offering efficient training with natural movement.

Tunturi offers most advanced and motivating fitness equipment available. It is globally one of best-known fitness brands, actually the very origin of the fitness industry. It is sold worldwide in more than 40 countries. Behind its products lie distinctive, ergonomically accurate design and remarkable innovations. Tunturi's rich history started in 1922.

Tunturi Ltd / www.tunturi.com

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BLUET – FLOATING SYSTEMS

Building on water offers sustainable solutions without harming the environment. Allas Sea Pool complex with sauna, South Harbour, Helsinki. Bluet / www.bluet.fi



Finland has an uninterrupted sauna tradition going back thousands of years. Almost all Finns go to the sauna once a week. There are 1.8 million saunas – approximately one for every three inhabitants.

The sauna is an important part of the Finnish national identity. In its simplest form, the sauna is a wooden building with a wood-heated stove with stones on the top. The hot stones release steam when water is thrown on them.

Finns have maintained and developed the sauna into an institution and becoming masters in its modern form – architecture, design and constructions.

More about sauna: www.sauna.fi/english, www.finland.fi

THE STOVE ROOM IN THE SAUNA OF THE PRESIDENTIAL RESIDENCE

”Most foreign visitors find the Finnish sauna an unforgettable experience”.
The sauna at the Mäntyniemi presidential residence is spacious and the heat from it soft. It has both authentic wood-burning stove and an electric stove
Design: Raili and Reima Pietilä, 1990



HARVIA KIVI, SAUNA HEATER

The uniqueness of the heat is based on the strength of the stone offering an enjoyable humid sauna bath. Nature of heat is adjustable by throwing water either on the side or straight on the top of the stone pillar. In Harvia Sauna the essential elements of nature – wood, stone and water – combine to create a relaxing oasis of well-being.

Harvia Ltd / www.harviasauna.com

LIITURAITA BATH TOWEL

Environmentally friendly linen and cotton yarn are all Ökotex certified.

Design Anu Saari
Jokipiin Pellava / www.jokipiinpellava.fi



SUN SAUNA HOME SPA

The Sun Sauna Company with its design has adapted the traditional sauna ritual to a “home spa”, which is applicable equally well to hotels, private houses, spas or second homes.

A home spa for sauna in the Finnish style comprises three traditional sauna rooms – for bathing, washing and cooling off. Design of space by Simo Heikkilä and design for firewall and sauna stove by Samuli Naamanka.

www.sunsauna.fi



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