



**SUOMI
FINLAND**

LIFE SCIENCES

Future health comes from Finland



Finland is a forerunner in health sector research, innovation and business

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AI, personalised healthcare and advanced analytics are transforming the way illnesses are diagnosed. Finland is at the forefront of this digital revolution. The combination of a long-standing tradition in efficient healthcare, digitalisation of health data, and the legacy of the Nokia engineering ecosystem has made Finland the premier location for health research and development. Finland also offers a unique combination of universal healthcare, national identification numbers, biobanks and a genetically isolated population.

This makes it possible to:

- 1. Position** Finland as a global leader in health technology.
- 2. Highlight** the unique nature of the Finnish health sector ecosystem and government support.
- 3. Profile** Finland as a globally recognised healthcare innovation hub.



The story: Life sciences

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For decades, **Finland has invested hundreds of millions of euros per year in health-related education, research, and research infrastructure.** This has created cutting-edge Finnish research and treatment in such specialist areas as cancer, brain disease, cardiovascular disease and genetics. **Finland is also one of the first countries in the world to set up a national digital patient data repository covering both the public and private healthcare sectors.**

Instead of forming an obstacle, **Finland's isolated gene pool** is one of the reasons Finland has become a global leader in digital health. Finnish people's genetic composition permits a unique research setting in light of these facts: a **30-year history of sample collection exists; 100% of patient records are available in digital form;** and **biobank data is combinable with patient records and national healthcare registries.** All this is backed up by universal healthcare, homogenous care guidelines, and legislation providing access to health data. Finns also have a **positive attitude about medical research and trust medical professionals;** willingness to take part in medical research is generally high.

Finland is one of the world's best ecosystems for health research and development. According to the World Economic Forum Global Competitiveness Report 2016–17, Finland is number one in availability of scientists and engineers; the latest technology; and collaboration between universities and industry in research and development. It's no wonder **Finland ranks among the three strongest health-technology economies in the world,** while digital health is its largest high-tech export. Finnish health-tech solutions are not only developed, but also largely manufactured, in Finland.

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Message map: Life sciences

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Finland is a unique health-sector ecosystem with frontrunner companies; hospitals with testbed services; high-level research; solid research infrastructure; and government backing the growth of the health sector.



FUTURE HEALTH COMES FROM FINLAND

Finland's genetic structure, biobanks, healthcare system, homogenous care guidelines, comprehensive digital registers, willingness to participate, research, engineers, and technology expertise make for a combination that doesn't exist anywhere else.



Finland is the home of top ICT expertise and advanced medical research. The combination of these two results in outstanding digital health technology.

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KEY WEBSITES

[Finland Health](#) (Business Finland)
[Health Capital Helsinki](#)
[HiLIFE – Helsinki Institute of Life Science](#)
[Finland Care](#) (Visit Finland)

PUBLICATIONS

Toolbox: [Industry Outline / Small Giant in Healthcare](#) (PDF)
Toolbox: [Industry Outline / Leverage the World's Best Ecosystem for Health R&D](#) (PDF)
[Project Way Forward Executive Summary](#) (PDF)

PRESENTATIONS

Toolbox: [Finland – Small Giant in Health Tech](#) (PDF)

VIDEOS

Toolbox: [World Ideas in Health](#) (MP4)

ARTICLES

[The medicine world needs great data and Finland's got it](#) (ThisisFINLAND.fi)
[Meet Finland's new gene genie](#) (ThisisFINLAND.fi)
[Five for Friday: Health technologies](#) (Good News from Finland)
[Articles from Finland Health](#)
[Health technology on Good News from Finland](#)
[News from the University of Helsinki Faculty of Medicine](#)
[News from Finland Health](#)

EXPERTS

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