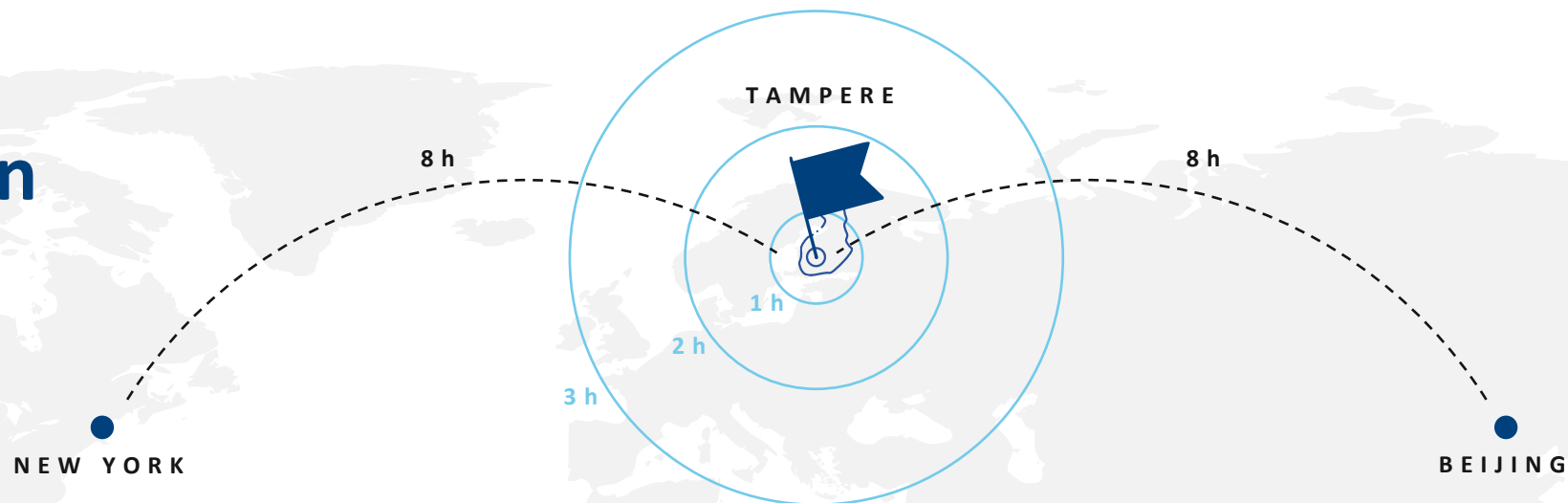




# Tampere Health

OVERVIEW

# Population & Location



## Tampere Region

- |                               |           |
|-------------------------------|-----------|
| • Total population            | 515,000   |
| • City region population      | 400,000   |
| • Revenue, all sectors (2019) | 35,000 M€ |
| • Proportion from industry    | 35 %      |
| • Places of business          | 34,000    |

## Tampere to Helsinki

- Train, car — 1.5 h
- Airplane — 0.5 h
- 2/3 of Finns live within a 1.5 hour drive time

## Tampere to the world

- Direct flights from Tampere include three network hubs: Helsinki, Stockholm and Riga
- Easy access to Helsinki/Vantaa airport with 130+ connections globally
- Northern Europe's fastest and best connected direct routes to the major Asian hubs (China, Japan)

# Tampere Health Technology & Life Science Ecosystem



# Tampere Health Technology & Life Science Ecosystem

Biotech &amp; Pharma

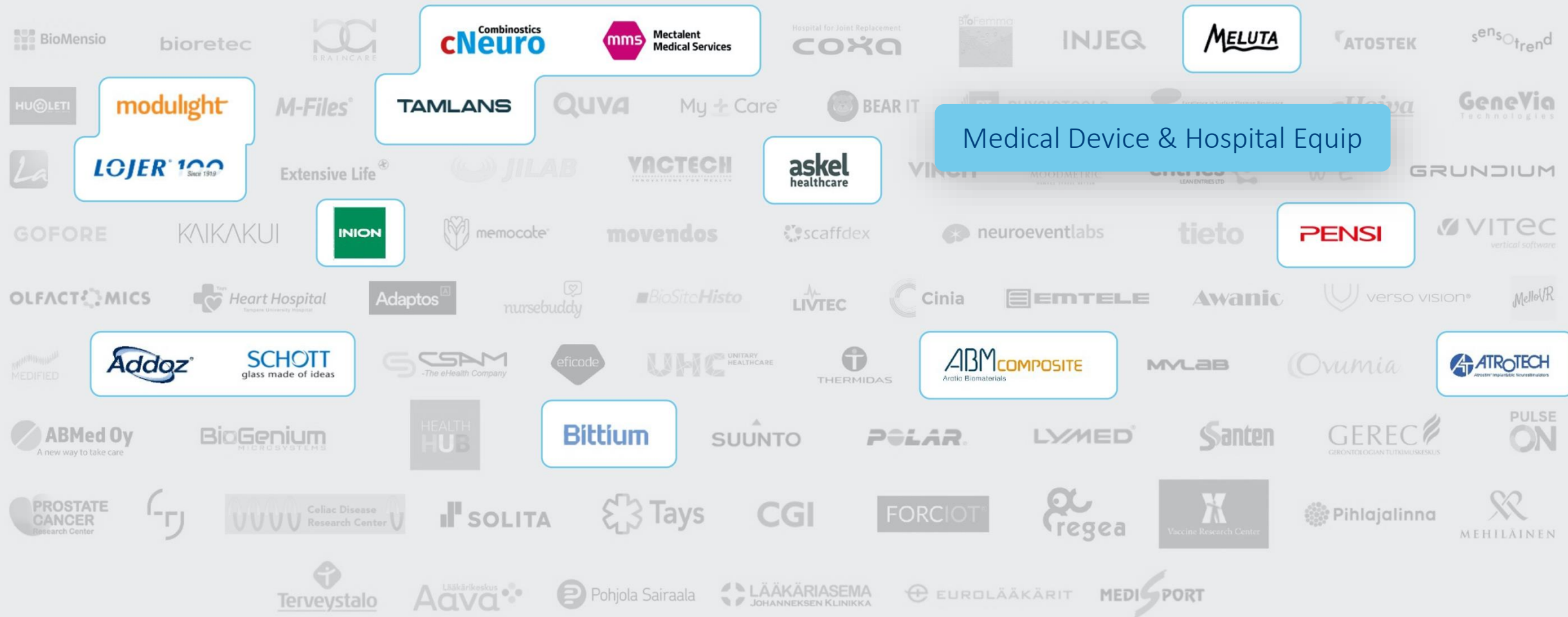
JILAB

VACTECH  
INNOVATIONS FOR HEALTHBioNavis  
Excellence in Surface Plasmon ResonanceGeneVia  
Technologies

GRUNDIUM



# Tampere Health Technology & Life Science Ecosystem

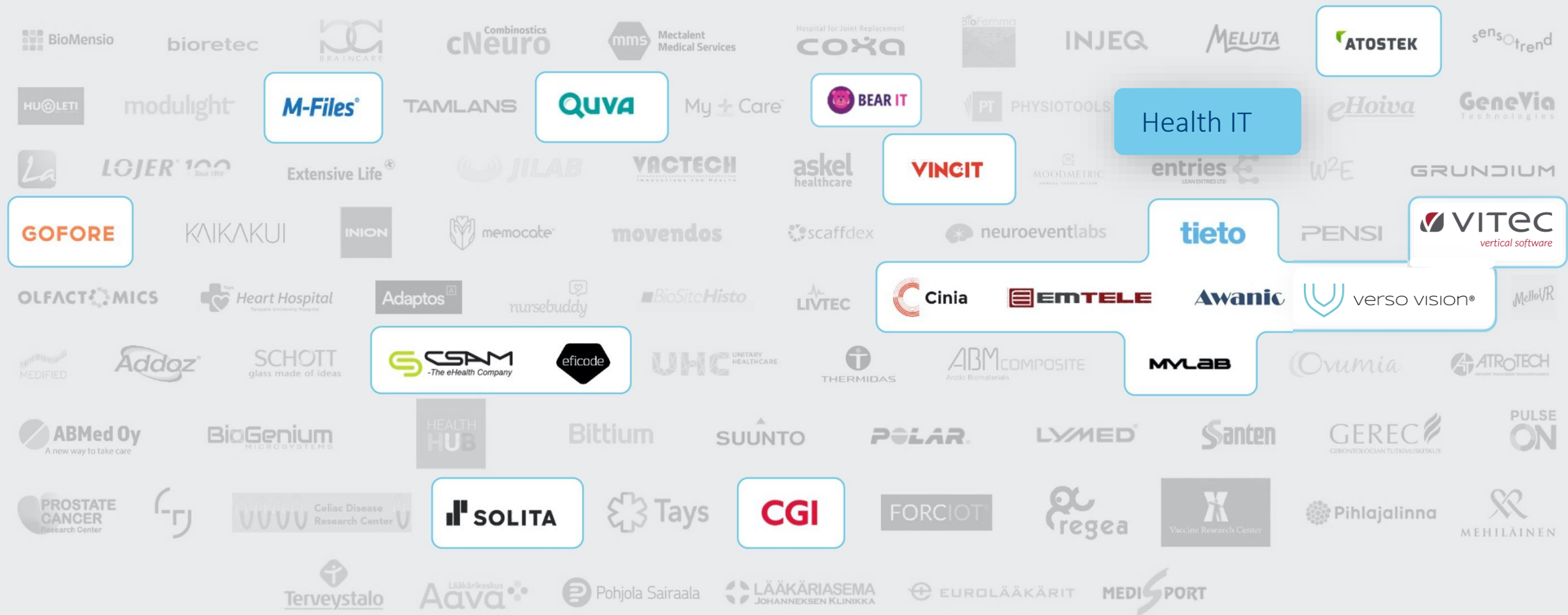


# Tampere Health Technology & Life Science Ecosystem





# Tampere Health Technology & Life Science Ecosystem



# Specialized Research Institutes and Centers in Tampere



## FinMIT The Academy of Finland Centre of Excellence

Conducts research on mitochondrial disease and ageing in institute of Biomedical technology at University of Tampere.



## Regea

Cell and Tissue Center is a clinical tissue bank processes and supplies tissues for clinical use in institute of Biomedical technology at University of Tampere. Regea also produces adipose tissue derived stem cell products for the treatment of bone defects.



## SILK Research and Development Center for Ophthalmic Innovations

At the University of Tampere: coalition of 60 specialists focusing on proteomics of personalized medicine, imaging techniques, stem cell technology and clinical research of the eye.



## Prostate Cancer Research Center, PCRC

A multidisciplinary research center leveraging basic sciences, epidemiology, computational biology, and clinical practice to find answers enabling better management of prostate cancer.



## Finnish Centre for Alternative Methods, FICAM

Focuses on the development and validation of cell and tissue culture 2D and 3D models to complement and replace animal tests.



## Vaccine Research Center

130 professionals forming a clinical research unit operating within the University of Tampere Medical School. It carries out clinical trials of vaccines in co-operation with the pharmaceutical industry.



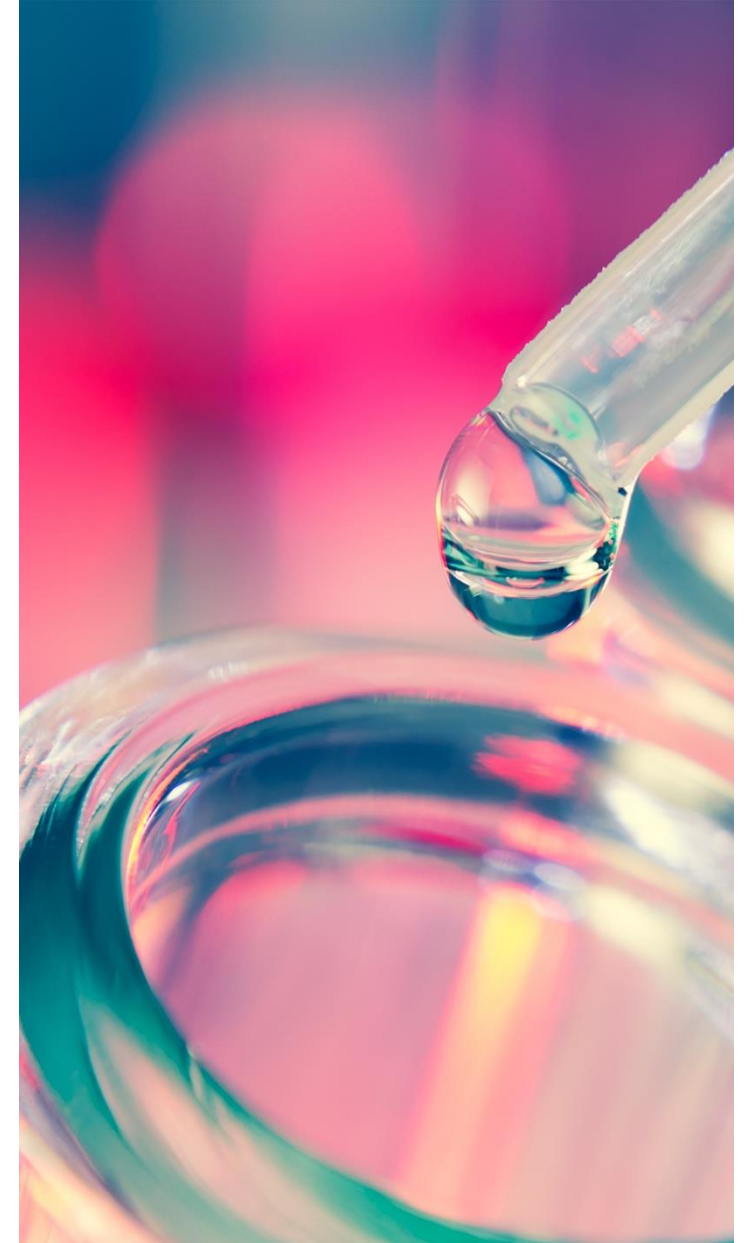
## Tampere Biobank

Collection of human samples (for example tissue, blood, cells, DNA) as defined in the Biobank Act. Samples for clinical studies and diagnostic purposes, can be linked to the sample donor's health data with the informed consent of the donor.



# Tampere area strengths

- Tampere has developed a **diverse healthcare research, development and testing environment**, as well as a health technology and life sciences business ecosystem of almost one hundred companies.
- **Cutting edge medical development** in Bio(degradable)materials, Signal and image processing in biomedical applications, Personalized health, Regenerative medicine and Tissue engineering
- **Expertise in Digital Health**: 1300+ ICT companies and 4700 AI professionals combined with medical engineering expertise
- **Tampere University Hospital** cares for almost a million Finns, launched 150 new research projects in 2020 and selected as one of the 100 best hospitals in the world (Newsweek)
- **The University of Tampere** trains experts in medicine, life sciences and technology extensively. Faculty of Medicine and Health Technology has 70 research groups
- **Tampere ecosystem** has the necessary capacity and scale to develop innovations, business growth and the healthcare system



# Tampere Health Community

## -Kauppi Health and Wellbeing Campus-

- **Physical infrastructure:**

Tampere University Hospital

Tampere University & Tampere University of applied sciences

Patient Hotel

UKK Institute

Indoor Sports Arena & Outdoor recreation area

Business Park for private clinics, companies, 3<sup>rd</sup> sector, etc.

Kauppi Healthcare and Wellbeing centre (2023)

- **HealthHUB** manages Tampere health and wellbeing RDI ecosystem and cooperation network. HealthHUB is an environment for co-creation and innovation
- **Seamless ecosystem** of healthcare professionals, researchers, companies and end users to network, look for partners, co-create and implement joint RDI projects.





# Tampere Health – What is happening in 2021?

- Closer collaboration of **Business Tampere, HealthHUB and other vendors** through joint project 2021-2022 (TEM Growth Program). Combining the health/social care and business development interests
- Building up the **Tampere Health brand**
- Establishing of **Tampere area Health Innovation Ecosystem**
  - Strengthening the **multi-professional collaboration** between health care, social care and wellbeing vendors
  - Comprehensive **Register of social and health care needs** launch for companies
  - Operating models for **joint RDI-projects** and **effectiveness evaluation**
  - **Testbed services** for supporting companies' development activities
- **HealthHUB** focus for the year 2021
  - HealthHUB's key activity is the **customer needs** collected from professionals at Tampere university Hospital and the City of Tampere and how to **share these needs to companies** to co-develop new healthcare solutions
  - Maintaining the HealthHUB network and continuing activities of **connecting** companies, health and social care professionals, researchers and 3rd sector
  - Building a mainline role in the heart of Tampere area Health Innovation Ecosystem



## Investment opportunities and services

- A **fast-growing metropolitan region** with highly cost-efficient operating environment. A city that has an on-going **public-private investment program worth 5 Billion €**
- **World-class talents** in technical and medical sciences and industries
- **Business Tampere** and **HealthHUB** provide partnerships, access to care environment, RDI support, market opportunities, landing/relocation service
- **HealthHUB** facilitates events and workshops with professionals, researchers and companies to jointly develop solutions that meet customer needs.



*For an investor, the size of Tampere provides an advantage. Things run smoothly, and investors can be personally involved in shaping their business environment.*

– **Jyrki Liljeroos,**  
**Former CEO & President Santen Ltd.**





# Thank You!

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