DIGITAL HEALTH 3

Service package and network for innovation and health sector development.

KICK-OFF – May 14, 2025

Mikko Pesonen
Business Tampere

Kick-Off program

13:15–13:20	**Welcome & Opening Remarks**, Mikko Pesonen, Manager, Business Tampere
13:20–13:45	**Tampere Health Strategy and Roadmap,** Heli Paavola, CEO WitMill Oy
	SME Comment, Timo Erkkilä, CEO, Veracell Oy
13:50–14:05	**Introducing the New Digital Health 3 Project**, Business Advisor, Ilona Raitakari, Business Tampere
14:05-14:25	**Coffee break**
14:25–14:45	**Funding Opportunities for P4 Development Projects**, Business Advisor, Jari Ahola, Business Tampere
14:45–15:45	**Workshop: New Project Ideas and Collaboration Groups** (in Café Lea)
	Focus on Data, AI, and P4 Health Initiatives. Facilitated group work.
15:45–16:15	**Workshop Results & Joint Discussion** (in Café Lea)
16:15–17:00	**Snacks & Networking**


Our mission is to help researchers, other professionals, companies and organizations succeed even more in their work in the health sector.
See opportunities. Be innovative. Ask for help.
Tampere. Finland.
NOKIA ARENA

TAMPERE. FINLAND

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Thank you!

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Tampere Health Ecosystem strategy and roadmap

Heli Paavola
WitMill Oy

Partnering for Scalable Innovation and Wellbeing

Strategy embodies Tampere Health ecosystem's shared will to achieve impact

Tampere Health Ecosystem

- *"Business ecosystems unite independent and compatible organizations that share information, coordinate activities, and transfer resources and capabilities to create stakeholder value" (Altman et al., 2022).*
- Tampere Health is a dynamic regional business ecosystem providing partnerships, contacts and information for health tech and life sciences organizations in the Tampere Region. It´s mission is to deepen and expand collaboration among health providers in the Tampere area, so that organisations can be successful both in Finland and internationally.

Tampere Health Strategy is built on a solid foundation of regional framework agreements

- The ecosystem strategy is an essential part of the regional strategic framework. The City of Tampere has signed an Ecosystem Agreement with the Ministry of Employment and the Economy. Digital health solutions are one of the strategic priorities of the ecosystem agreement.
- Pirha, the municipalities of Pirkanmaa and the Pirkanmaa Regional Council are each other's strategic partners and have a mutual framework agreement. According to it, the aim of their cooperation is to promote the well-being and health of the population and to narrow health disparities. The aim of the RDI and advocacy cooperation is, among other things, to increase the Pirkanmaa knowledge base and strengthen partnerships in Finland and Europe, to increase the level of external RDI funding, and to ensure that the interests of Pirkanmaa are realised in national and European development and funding issues. The Tampere Health strategy helps to concretise these goals.

Ecosystem Strategy

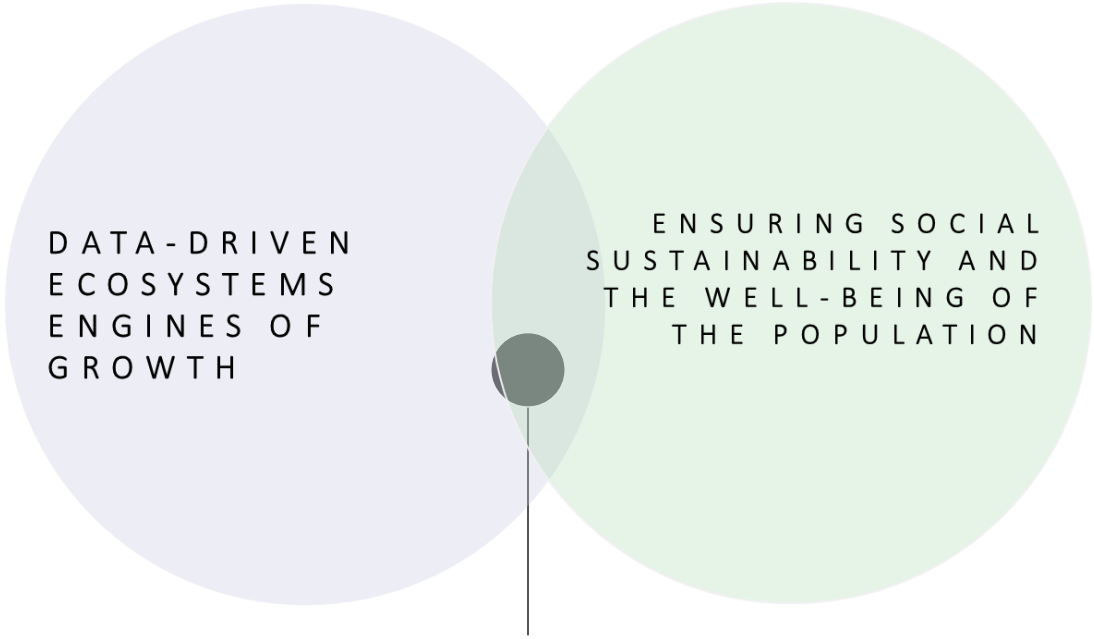
- Strategy is an expression of the ecosystem's collective will, based on foresight into the future. The value of strategy lies in its ability to focus action and increase effectiveness of the cooperation.
- The strategy process has been implemented with the participation of the main actors in the ecosystem during 2024. The strategy has been produced in accordance with the impact chain model typically used in impact assessments.

SPECIALIZATION VISION

Data-driven ecosystems enable proactive and preventive action

One of the cross-sectoral specialisations in the Tampere Region is seizing the opportunities offered by data and digitalisation – guiding frameworks are created, for example, by the region's Digital Compass and the ecosystem agreement between the Ministry of Economic Affairs and Employment and the City of Tampere*.

- **Data-driven health and wellbeing ecosystems are built on innovative, cross-sectoral partnerships.** Utilising the potential of health data, the opportunity to innovate in authentic care environments, and the development of the ecosystem taking into account the needs of the health and well-being sector have been identified as spearheads accelerating growth*.
- **Leverage of up to hundreds of millions of euros to promote the vitality and well-being of the region is made possible by linking innovative public procurement to the RDI toolkit:** Innovative and, for example, impact-based procurements accelerate the investments of companies and e.g. organisations in the development of solutions related to well-being challenges relevant to the region.



Tampere Health can stand out in global competition

radical innovations, data-driven health and wellbeing ecosystems.

Ambitious ecosystem activities and radical innovations will accelerate the transformation of the health and well-being sector from reactive disease care towards proactive prevention.

- **The vision of proactive and preventive action offers a promise of both growth and impact.** A widely known framework that concretizes the paradigm is, for example, P4 or P5 medicine. The letters P come from the English words: *predictive, preventive, personalized, participatory and population health* .
- **The ageing of the population, which affects Finland and other developed countries, is one of the most important areas of foresight and preventive research**, combining the expertise and research strengths of the Tampere region. This is particularly important in order to secure public sector resources for the service system in the midst of demographic change.

The **bold** vision of the Tampere Health ecosystem

TAMPERE HEALTH - THE VISION OF THE ECOSYSTEM

In 2035, the Tampere Region will be a global leader in the experimental development and agile deployment of radical* innovations and data-based ecosystems.

*Radicality refers to innovations that revolutionise the industry's usual operating models and promote socially desirable development – i.e., strengthen preventive and disease-preventing activities, for example.

Tampere Health is more than the sum of its parts.

In global competition, the comparative advantage of the health ecosystem in the Tampere region is built on the following pillars:

- **Participatory development of innovative solutions and ecosystems for the data economy** with end users, i.e. professionals and residents.
- **Experimenting with radical innovations in real care or service contexts,** also taking into account different data platforms.
- **An agile and systematic process for the introduction of innovations and the development of cross-sectoral partnerships** (so-called reference market offering).
- **The ability to form multidisciplinary research partnerships** that support the identification, experimentation and deployment of innovations.

The strategic goal of the Tampere Health ecosystem will be achieved through concrete cooperation

In 2035, the Tampere Region will be **a global leader in the experimental development and agile deployment of radical innovations and data-based ecosystems.**

The Tampere Health ecosystem **vision**

IMPACT OBJECTIVES OF SYSTEMATIC COOPERATION i.e. people's well-being and social benefit.

Impact chain of ecosystem activities*

INPUTS, ACTIVITIES, OUTPUTS & RESULTS i.e. resourcing, measures, concrete outputs and results

EFFECTS SOUGHT BY ECOSYSTEM ACTIVITIES i.e. concrete change in people or structures:

- 1.1 The people of the Tampere Region have become active in promoting their own health.
- 1.2 The core actors of the ecosystem have increased their investments in preventive activities.

- 2.1 By 2030, the RDI funding of the region will have increased by >50% compared to 2024.
- 2.2 Education produces needs-based competence and new innovative fields of education.

- 3.0 A piloting model for multi-stakeholder projects, cross-sectoral partnerships and innovations in the health and well-being sector has been developed and implemented.

The vision is achieved by investing in concrete actions.

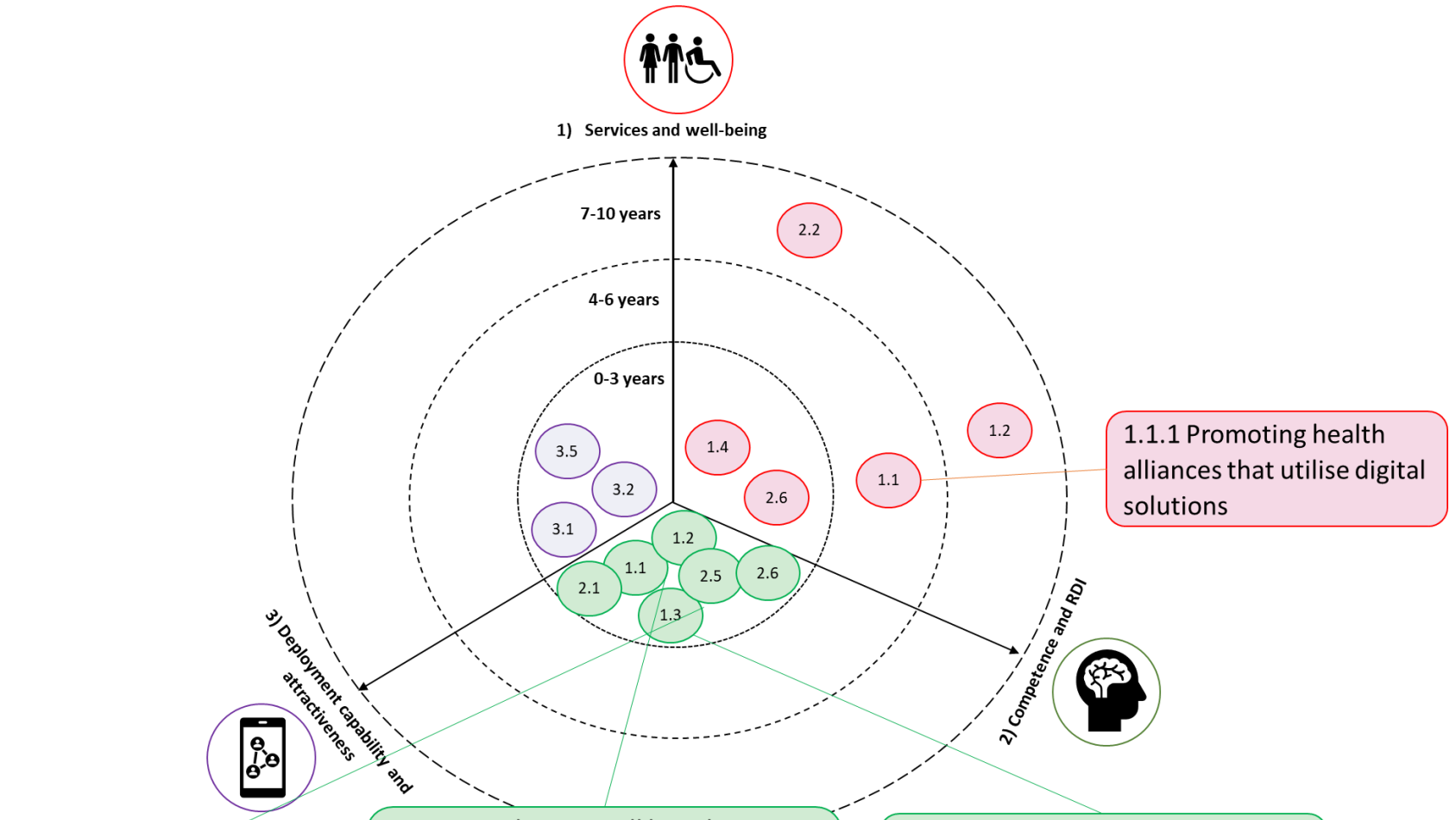
1. Finland's best welfare and health and social services are reflected in the improvement of the well-being of the population of the Tampere Region.

2. An increase in the number of jobs, researchers and other experts in the health and welfare sector, as well as in exports and long-term RDI funding.

3. Agility in the development and implementation of innovations in the health and well-being sector makes the region an attractive environment for investments and growth-oriented companies.

*The attached ecosystem activity target framework is based on the IOOI (Input, Output, Outcome, Impact) chain developed by the Bertelsmann Stiftung.

Roadmap with preliminary measures leads the way to the vision

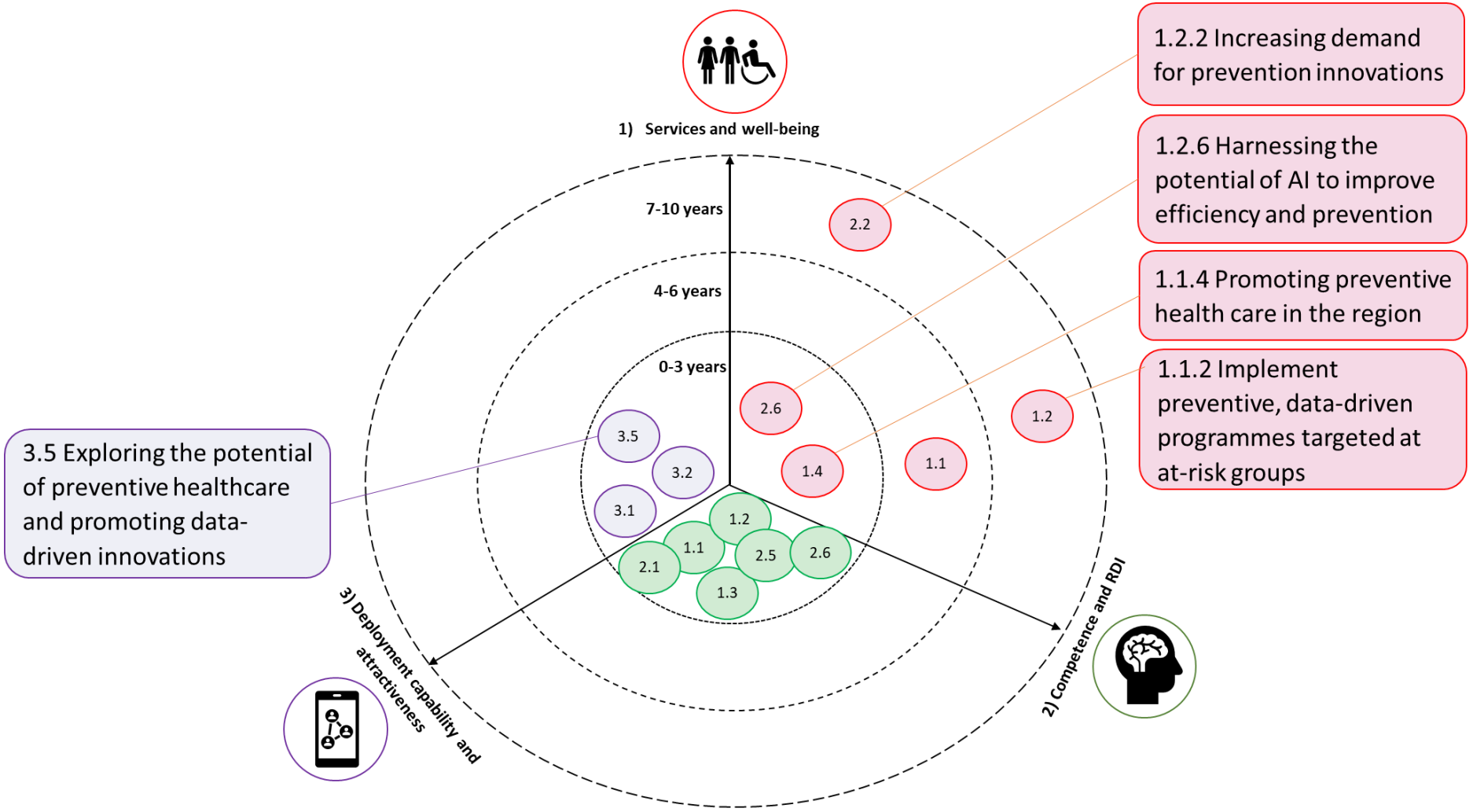


The strategy is made a reality through cooperation and practical measures.

The measures are preliminarily identified starting points for joint activities – the list of measures is supplemented and changes as the strategy is implemented.

This roadmap portrays prioritized measures. The prioritisation proposals have been made on the basis of the the estimated outcome and impact.

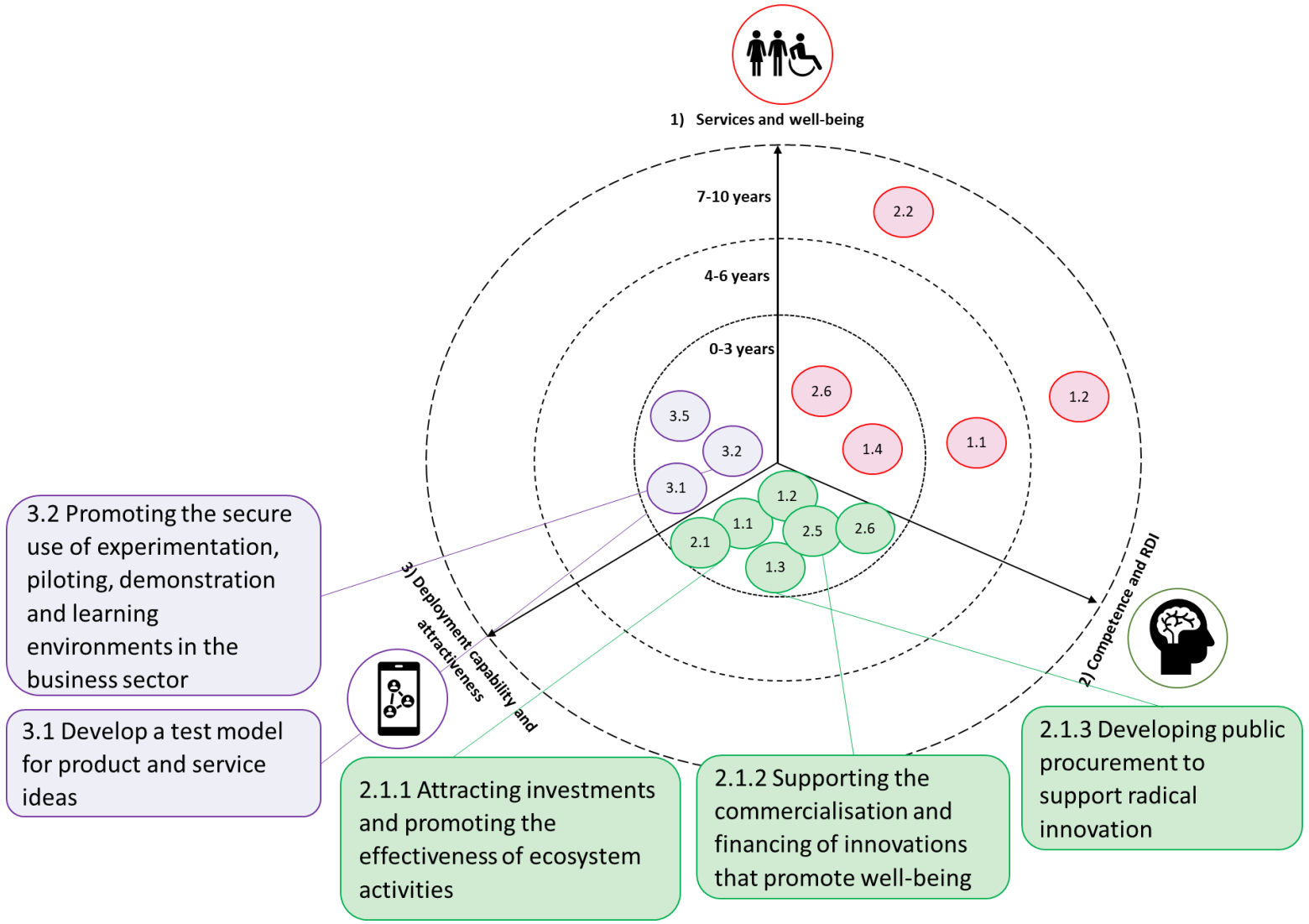
P4 has major role in various tasks – in short and long term



Themes are promoted, for example, in the DH3 (BT) and Tomorrow´s Sports and Health Campus (TU) projects.

Also, Tampere City Wellbeing Development Program promotes e.g. the mental well-being of children and young people in Tampere.

Finally, nothing can be gained without businesses and innovations



Research and innovation are the main drivers of productivity and well-being. Innovation generates positive externalities. Innovation only emerges through commercialization.

The business themes are promoted, for example, in the DH3 (BT) and Tomorrow´s Sports and Health Campus (TU) projects.

Also, Pirkanmaa digital compass (Pirkanmaa Regional Council) and the Tampere region's economic strategy (e.g. BT) promote similar actions.

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FINLAND

Thank you for your attention!

Heli Paavola
WitMill Oy
heli@witmill.fi

BUSINESS TAMPERE

veracell

COMMENTARY — DIGITAL HEALTH 3 – TOWARDS P4(P5) MEDICINE

Timo Erkkilä, Industry afternoon, 14.5.2025

Bold vision

Vision —

By 2035, our region will be the world’s most agile real-world testbed for radical, data-driven health innovations.

Moving towards P4/P5 medicine —

Predictive, Preventive, Personalised, PARTICIPATORY, and Population.

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On the importance of strategy

Harnessing data demands strategic foresight **if we're to turn ideas into ideas into better care**.

- *Shared data economy* – opening secure, privacy-preserving access to clinical and citizen data.
- *Agile piloting in authentic care settings* – turning hospitals and health centres into living labs.
- *Commercialisation mindset* – insisting that research only creates value when it scales to the market.

veracell

Plenty of opportunities for SMEs SMEs

Design studios

Participatory co-design – run citizen & staff workshops that strengthen the fourth *P* (PARTICIPATORY) of P4 medicine.

Data & AI consultancies (e.g., Veracell)

Data engineers and data scientists speeding up turning research into PoCs, pilots, and production deployments. Supporting in platform development, integrations, and data curation pipelines.

Health-tech product companies

Living-lab testing – use the region's real-world environments to collect clinical-performance evidence. Leveraging Tampere's first customers as export storytelling fuel.

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VERY MUCH LOOKING FORWARD TO THE JOURNEY

Digital Health 3

Development, Adoption, and Scaling of Health Innovations and Technologies

14.5.2025
Ilona Raitakari
Business Tampere

TAMPERE HEALTH

Partnering for Scalable Innovation and Wellbeing

Mission

Tampere Health ecosystem

Revolutionizing care with AI, digital health, and data-driven breakthroughs

Digital Health 3 (DH3)- Advancing Tampere Health Strategy

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- Managed by **Business Tampere**, with partners **Pirha** and **TAMK**
- **Tampere University** as a key collaborator, also collaborating with STM, VTT, Federation of Pirkanmaa region Enterprises, Association of Private Care Providers (Hali)
- Project time 2025-2027, Budget 1,5 Me

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The Wellbeing Services County of Pirkanmaa

GOALS

- Implement Tampere Health ecosystem **strategy**
- Boost wellbeing in Pirkanmaa through **predictive and personalized** care
- Strengthen **data- and AI-driven** health research and innovation
- Speed up the **adoption and commercialization** of new technologies
- Grow the **export** of health innovations, foster regional vitality

Tampere University of Applied Sciences

Roles of partners

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- PROJECT MANAGEMENT
- COMMUNICATION & HEALTH BRAND
- STRATEGY & NETWORKS
- COMPANY DEVELOPMENT
- EDUCATION & COMPANY CO-OPERATION
- TESTBED COORDINATION
- INTERNATIONAL CO-OPERATION
- INTERNAL FINLAND CO-OPERATION
- OTHER ACTIVITIES

TAMPERE HEALTH

Pirkanmaan hyvinvointialue

- INNOVATIVE PROCUREMENT DEVELOPMENT
- COMPANY & PIRHA PROCUREMENT DEVELOPMENT
- ISTEKKI ROLE DEVELOPMENT
- ENTREPRENEURs OF PIRKANMAA & PIRHA CO-OPERATION
- PIRHA & TAMK CO-OPERATION
- OTHER ACTIVITIES

Tampereen ammattikorkeakoulu

- RESEARCH & DEVELOPMENT
- EDUCATION
- WORKSHOPS
- TESTBEDS
- OTHER ACTIVITIES

DH3 Steering group

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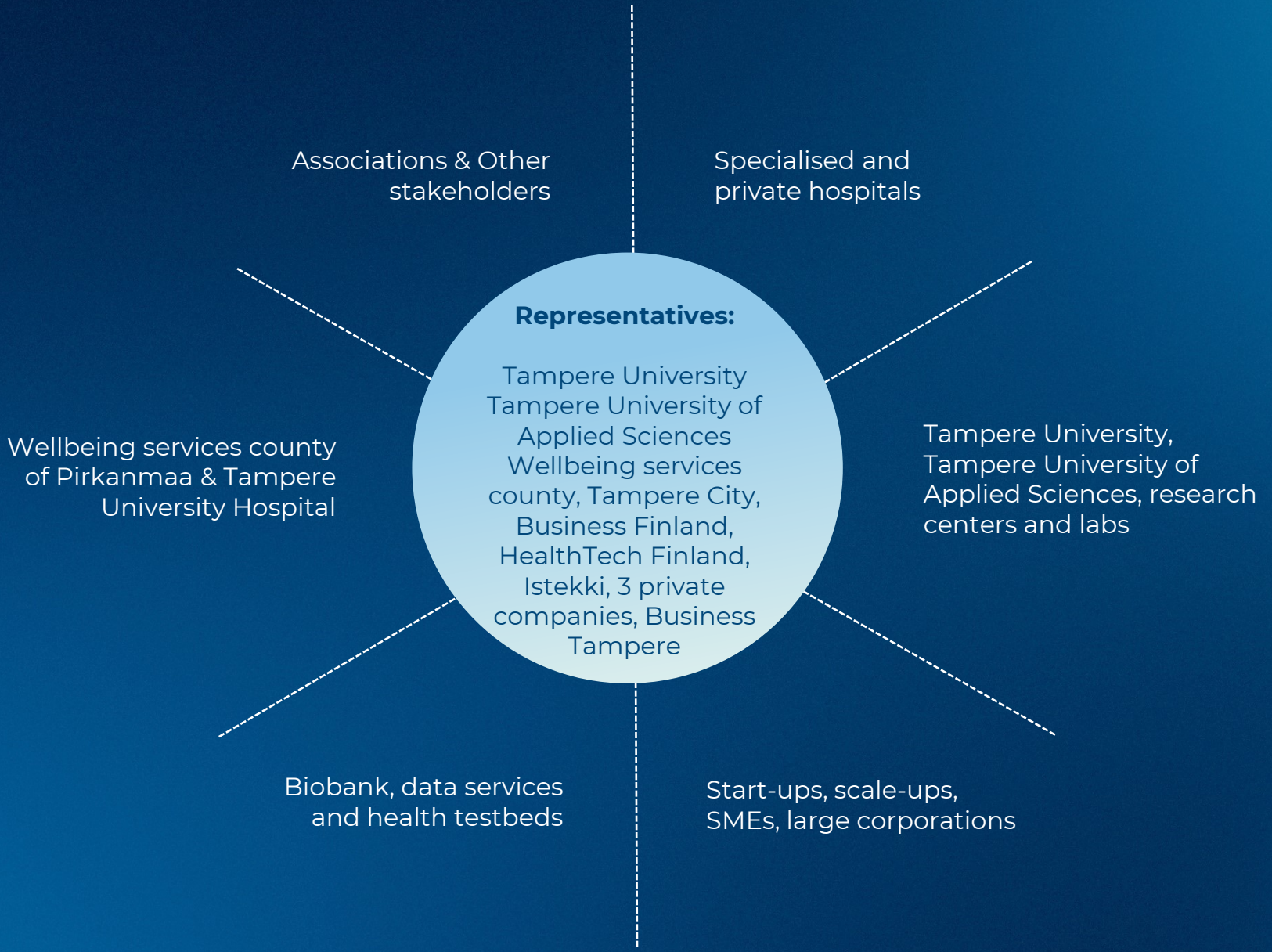
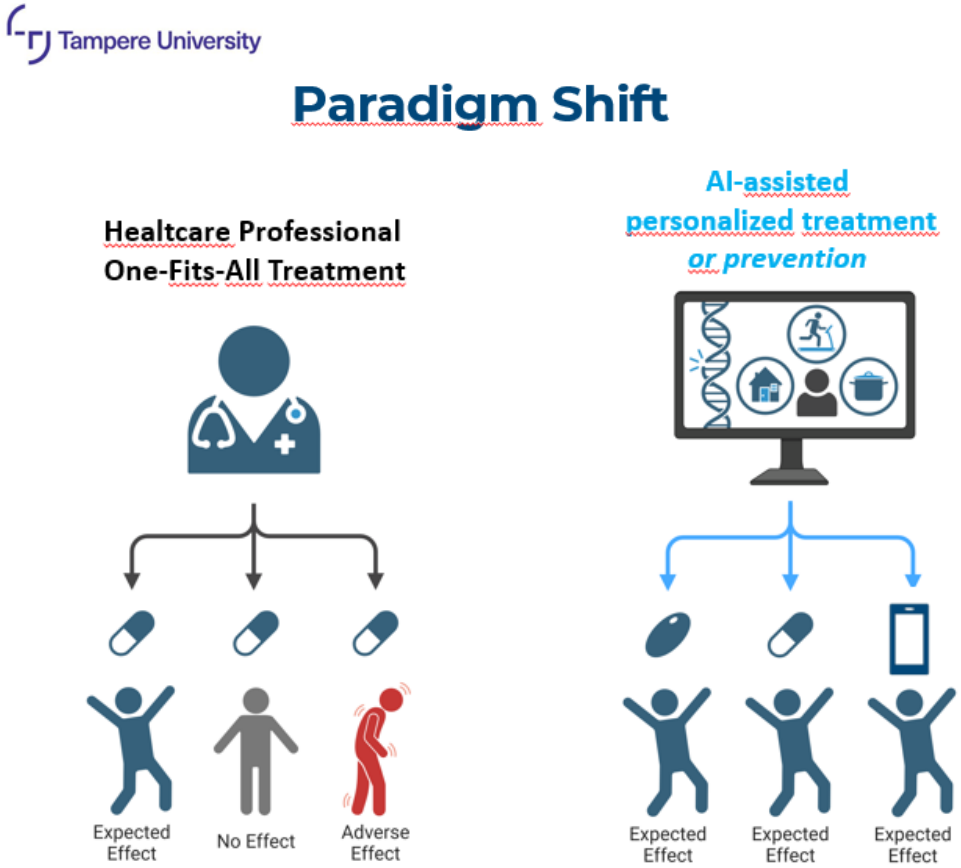


Supporting P4 Medicine

TAMPERE HEALTH

GOALS IN DH3

- Map existing expertise and build a **collaborative network** to support P4 medicine.
- Identify and engage **researchers, healthcare professionals, companies, and patients or citizens** interested in maintaining their own health in the development network for P4 solutions.
- Define jointly key development areas and **launch targeted projects** aligned with the Tampere Health Strategy.
- Support establishing a **P4 (Scientific Wellness) Center at Tampere Universities** as a center of excellence.
- Help positioning the P4 Center as a **globally recognized hub** attracting international partnerships and investment.



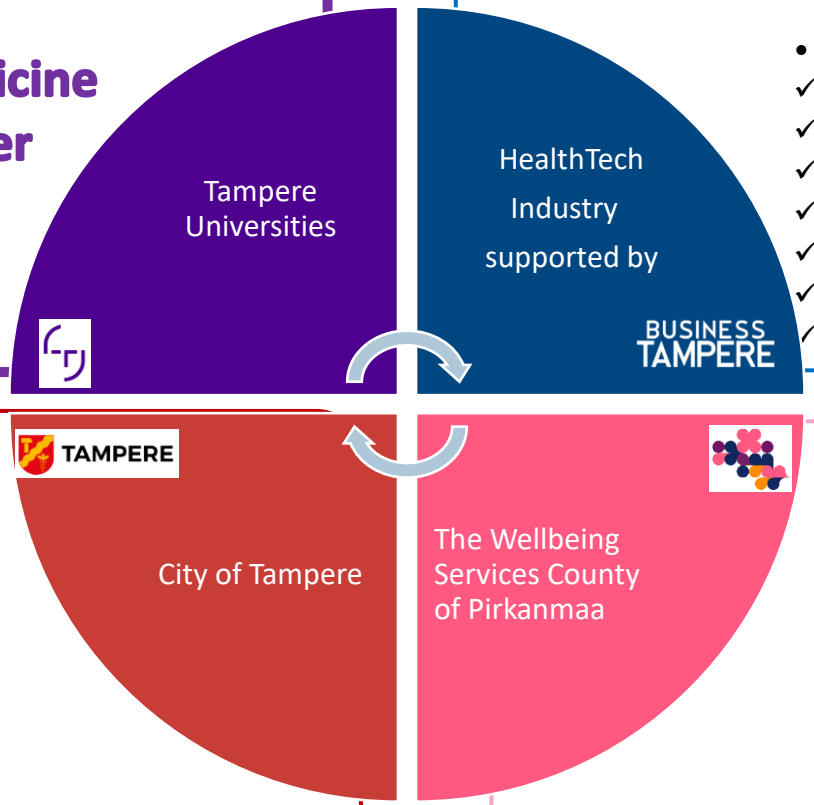
P4 Medicine Ecosystem by Tampere Health

- **P4-Medicine Center (The center for Scientific Wellbeing)**
- P4 Research, Innovation & Education – combining TUNI MET, SOC, ITC, MAB & TAMK

✓Medicine &Nurcing
✓Biotech & MedTech
✓Health Data Science
✓Societal Sciences
✓Economics

Partnering with Phenome Health, ISB & national + Global Research network

P4-Medicine Center



- **P4 Medicine solution providers** : Startups, SMEs, and Large companies in HealthTech, BioTech, Pharma, Health Data & AI Science

- Industry partnering services by Business Tampere

✓P4 ecosystem & national stakeholder networking
✓Co-innovation, Co-creation workshops
✓R&D funding support
✓Regulation support
✓Testbeds & Piloting support
✓Supporting access to Health Data
✓Market entry & Export support

- **P4 Medicine solution users: Citizens and City**
- Co-innovating & redesigning health promoting processes
- Citizen engagement
- Testing and piloting, Smart City-testbeds
- Collaboration with educational sector
- Collaboration with 3rd sector players
- Alliance-model support

- **P4 Medicine solution users : Healthcare professionals and patients**

✓Co-innovating & redesigning healthcare processes
✓Healthcare professional expertise
✓Patient and citizen engagement
✓Testing, piloting and implementation of new solutions
✓Assessing effectiveness of the solutions

Ecosystems collaboration

TAMPERE HEALTH

GOALS IN DH3

- **Focus collaboration areas for Tampere Health ecosystem**
- **AI Ecosystem**: Utilizing AI for data analysis, algorithm development models, Digital Twin methodology, ethical considerations, Data & AI Regulation, Cybersecurity
- **Semiconductor (Chip) Ecosystem**: potential synergies in chip technologies within healthcare (e.g., Organ-on-chip, Body-on-chip, implants), combining biological and computational models
- **Circular Economy Ecosystem**: Recyclability of materials and devices, energy efficiency, sustainable innovations, ESG Regulation
- **Imaging**: collaboration opportunities through access to cutting-edge infrastructure and testbeds e.g. microscopy, Micro-CT and bioimaging
- **Defence ecosystem**: Potential of Dual-use technologies

Cross-Pollination

Industry collaboration

Commercialization

TAMPERE AI ECOSYSTEM
MEMBERS & OVERVIEW

SERVICE PROVIDERS

foxie, Invinite, Atostek, AIKA, BITWISE, Sweco, Vaisto, 61 North Point, Vincit, netum, Roidu, tietoevry, BHTC, futurice, oscar software, AIBOOKS, Huawei, INSTA, SILO AI, elisa, AZ, FUJITSU, veracell, code, glaston, MARSHALL AI, BERGGREN, digia, FORGE., ATEA, crosscontrol, LOOPSHORE, UNIKIE, LOIHDE, FUTURIOT, CGI, GOFORE, FabricAI, aitohr, KPMG, Headai, BRUVO, Reaktor, qvantel, ecraft, knowit, etteplan, SIILI, Cinia, SITOWISE, VILKAS, MONAD, Wapice, nomadi, alpha DESIGN PARTNERS, ENTTERI, SOLITA, yhteys AI, MELUTA, Digital, CATAPULT, thoughtworks, unseen, SOFTLANDIA, FIXER OF THE NORTH, PAPULA NEVINPAT, NORMICONSULTING

AI UTILIZERS

zoneatlas, NOKIA, SANDVIK, procemex, GENERAXION, DIMECC, VISY, OTAVA, UDT TECHNOLOGIES, eGate, Master English, Labkotec, KnowUr.Biz, systems, CAVITAR, DMG MORI, nmc, M-Files, spogen.ai, smartbi, [contrasec

PARTNERS & STAKEHOLDERS

ECOSYSTEM BUILDER

AI Hub Tampere tampere.ai, FCAI Finnish Center for Artificial Intelligence, FAIA, SW4E SOFTWARE ENGINEERING ECOSYSTEM, Teknologiateollisuus

RESEARCH & EDUCATION

Tampereen yliopisto, Tampereen ammattikorkeakoulu, VTT

PUBLIC ACTOR

TAMPERE, BUSINESS TAMPERE, BUSINESS FINLAND, Nordic Co-operation

100+
ORGANIZATIONS IN TAMPERE AI ECOSYSTEM

Tampere AI ecosystem brings together leading AI developers, AI utilizers and key stakeholders in the industry from over 100 organizations.

Tampere University AI Hub

GPT Lab research center gpt-lab.eu

AI City Lab citcom.ai

tampere.ai

TAMPERE AI

Strategic Procurement Development in Pirha

GOALS IN DH3

- Improve **SME and NGO access** to public service markets to support continuous and agile development
- Boost **strategic in innovative procurement** capabilities within wellbeing county
- Develop **new contract models** and market-responsive approaches to support testing and piloting
- Create health tech category strategy for **future-proof purchases**
- Enable **co-creation via digital platforms** and **early dialogue**, supporting also self care/home care
- Support SMEs with **market insight, cost-effectiveness tools** & joint bidding

Tampere Health Testbeds

Customised according to companies' needs and schedules

+ State-of-the-art development in the fields of
+ medical technology
+ digital health and ICT
+ AR/VR, immersive reality
+ signal and image processing
+ bio(degradable) materials
+ tissue engineering

+ **Functionality**
+ **Usability**
+ **General safety**
+ **Performance evaluations and validations**
+ **Support for regulation processes**
+ **Connect companies and organisations to experts and infrastructure**

DH3 Testbed Development

- **One-stop-shop** for Tampere Health, other regional and national Testbeds
- Needs and requirements for **new Testbeds** e.g.
  - **Data-driven P4 Medicine/ Prevention** Testbeds
    - Wearable and Sensor Data integration
    - Smarthome /Smart City
  - **AI in Health** Testbeds
    - Synthetic Data, AI-Agents, Digital Twin
  - **Regulation** Sandboxes
  - Joint Testbeds accross Ecosystems
    - E.g. Body-on-chip & data simulations
  - Collaboration with Tomorrow's Sport and Health (TSHC), Hakametsä Sport Campus and EDIH HHFIN
- Supportive funding to be applied for actual new Testbeds implementation

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Tampere Health Ecosystem

Co-operation with companies

GOALS IN DH3

- Pirha **procurement development** collaboration, visibility into new procurement areas
- **New Testbeds** supporting hackathons, agile development and innovative procurement
- **Synthetic health data** enabling compliant and efficient R&D
- New model for **innovation piloting and implementation**, Tampere Health sertificate for SMEs
- **Collaboration models** with researchers, existing suppliers and global players interested in investing in Tampere
- Joint programs to **apply funding** for bigger consortium (e.g. P4 Medicine Co-creation, Co-innovation, Co-research for BF Veturi, Health 360/EU Horizon)


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See opportunities. Be innovative. Ask for help.
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Thank you!

DH3
Digital Health

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Tampere University of Applied Sciences

The Wellbeing Services County of Pirkanmaa

Tampere University

PIRKANMAA
COUNCIL OF TAMPERE REGION

Co-funded by the European Union

Contact us!

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Funding Opportunities for P4 Development Projects

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2.6.2025

Business Tampere, Jari Ahola

P4 topics currently in focus for funding:

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Predictive Medicine

- Genomics and Bioinformatics: Research on genetic markers and computational models to predict disease susceptibility and progression.
- Artificial Intelligence: Developing AI algorithms to analyze large datasets for early disease detection.

Preventive Medicine

- Vaccinology: Creating vaccines for emerging infectious diseases and improving existing ones.
- Lifestyle and Behavioral Interventions: Studying the impact of diet, exercise, and lifestyle changes on disease prevention.

P4 topics currently in focus for funding:

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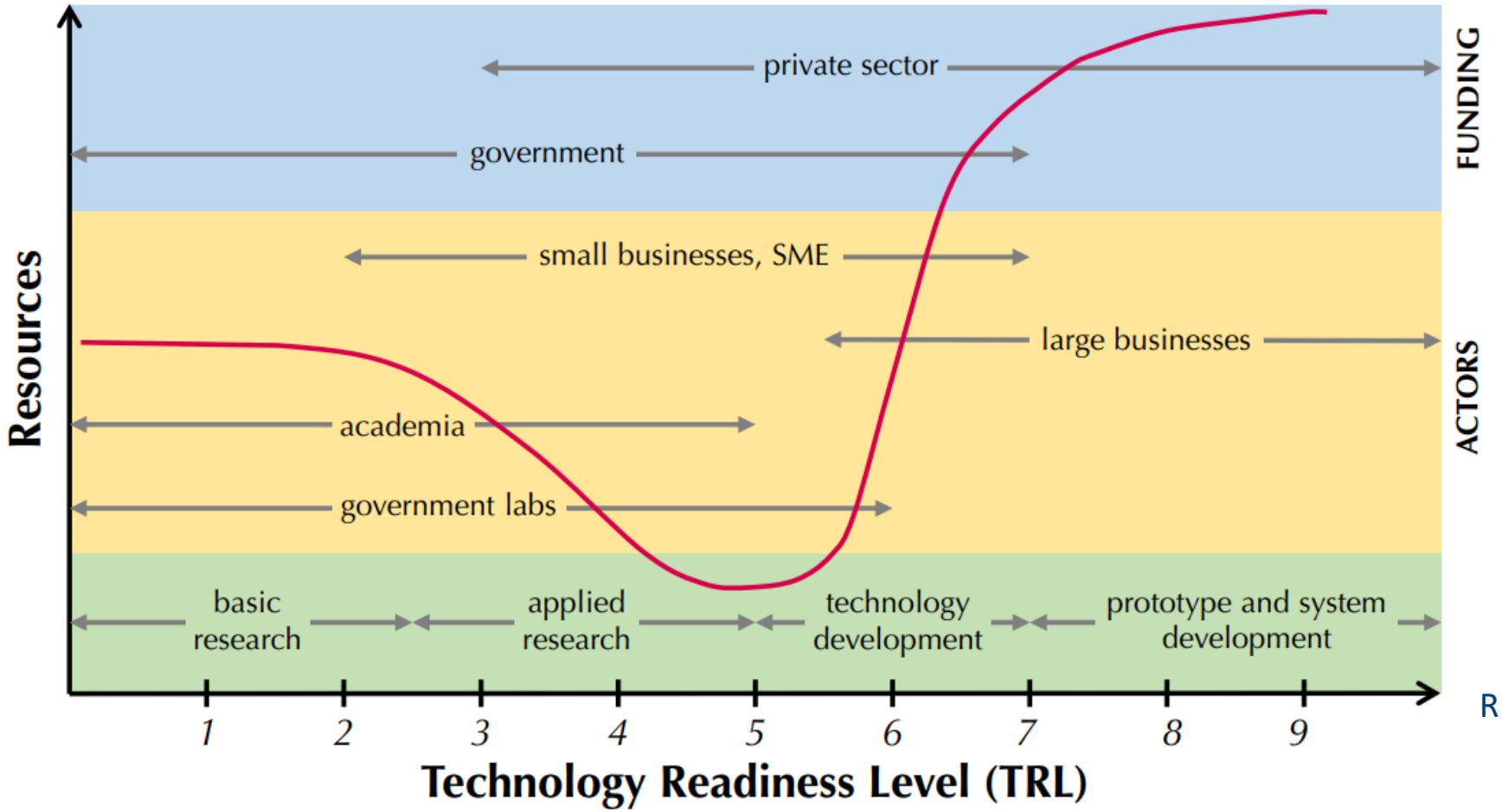
Personalized Medicine

- Pharmacogenomics: Tailoring drug therapies based on individual genetic profiles.
- Precision Oncology: Developing targeted cancer therapies based on molecular characteristics of tumors.

Participatory Medicine

- Patient Engagement Technologies: Implementing digital health tools to enhance patient involvement in their own care.
- Telemedicine and eHealth: Expanding access to healthcare through remote monitoring and consultations.

Who will fund your research:



REHVA Journal 52, 58-62

Deciphering TRL levels:

What is your solution?	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
A medical device	Initial proof of concept demonstrated with a limited number of in vitro & in vivo trials including the expected device characteristics.	Proof of concept and safety of the device is demonstrated in vitro, ex vivo or in vivo conditions (non-GMP, Good Manufacturing Practice). System components integrated and tested regarding preliminary efficiency and reliability.	Pre-clinical studies including GLP (good laboratory practice) animal safety & toxicity. GMP manufacturing process and quality controls identified. Classification of the device by appropriated regulatory body established. Accreditation when appropriate initiated.	Medical device prototype demonstrated in operational environment. Clinical testing and safety demonstrated. Required accreditation in progress.	Medical device final product design is validated. Final prototypes intended for commercialization use produced and tested. When applicable, accreditation completed.	Manufacturing process validated. Pre-market application submitted and approved for medical device. Device demonstrated in real life conditions, support structure in place for technical problems.	Medical device ready to be acquired by the clients and end users.
Examples to be inspired	link	link	link	link	link	link	
A drug	Initial proof of concept demonstrated with a limited number of in vitro & in vivo models.	Proof of concept and safety of the candidate is demonstrated in a laboratory or animal model.	Pre-clinical studies including GLP animal safety & toxicity to support the Investigational New Drug (IND) application or similar EU process.	Phase 1 clinical trials completed to proceed with Phase 2 clinical trials. If it is the case, Investigational New Drug application submitted and reviewed.	Phase 2 clinical trial completed & Phase 3 plan is approved.	Phase 3 clinical trial completed. Regulatory body approves IND application.	Drug available for the market.
Examples to be inspired	link	link	link	link	link	link	

BRIDGE2HE project 101005071: Guiding notes to use the TRL self-assessment tool

Funding opportunities for basic research:

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Research Council of Finland

Two calls annually (spring, autumn)
https://www.aka.fi/en/research-funding/apply-for-funding/calls-for-applications/

European Research Council (ERC)

ERC Starting, Consolidator & Advanced Grants (-> POC Grant)
https://erc.europa.eu/apply-grant

European Innovation Council (EIC)

EIC Pathfinder Challenge & Open (TRL 1-4, POC) €4/3M grants
https://eic.ec.europa.eu/eic-funding-opportunities/eic-pathfinder_en

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Funding opportunities for applied research:

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Business Finland (BF)

Funding for leading companies and ecosystems (Veturit):
Orion Pharma ecosystem: https://www.orionpharma.com/ecosystem

Co-research instrument (research org & company):
https://www.businessfinland.fi/en/for-finnish-customers/services/funding/cooperation-between-companies-and-research-organizations/co-research

Health 360 Program (Researchers / Companies):
https://www.businessfinland.fi/en/for-finnish-customers/services/programs/health-360-program

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Funding opportunities for applied research:

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Innovative Health Initiative JU (IHI):
Health Research and Innovation: https://www.ihi.europa.eu/

Horizon Europe Health Cluster (CL1):
https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-1-health_en

Especially topic: "Developing and using new tools, technologies and digital solutions for a healthy society"

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Funding opportunities for innovation:

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Business Finland (BF)

Co-innovation instrument (companies + research org):
https://www.businessfinland.fi/en/for-finnish-customers/services/funding/cooperation-between-companies-and-research-organizations/co-innovation

European Innovation Council (EIC)

EIC Accelerator (TRL 6-8) max. €2.5M grant + investment loan
https://eic.ec.europa.eu/eic-funding-opportunities/eic-accelerator_en

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Key takeaways:

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- No single source for P4 funding: relevant topics are scattered to numerous funding instruments.
- Start with finding your TRL -> this dictates the funding sources applicable to your RDI.
- Identify the partners you need -> networks, ecosystems and industry associations are crucial to find best partners -> attend the events and pitch your idea/competence.
- Funding sources can be used complimentarily to various phases of your RDI: no double funding though.
- Help is available.

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Thank you!

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Workshop: New Project Ideas and Collaboration Group

14:45–15:45

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Kuva: Marko Kallio, Skyfox

Workshop Instructions

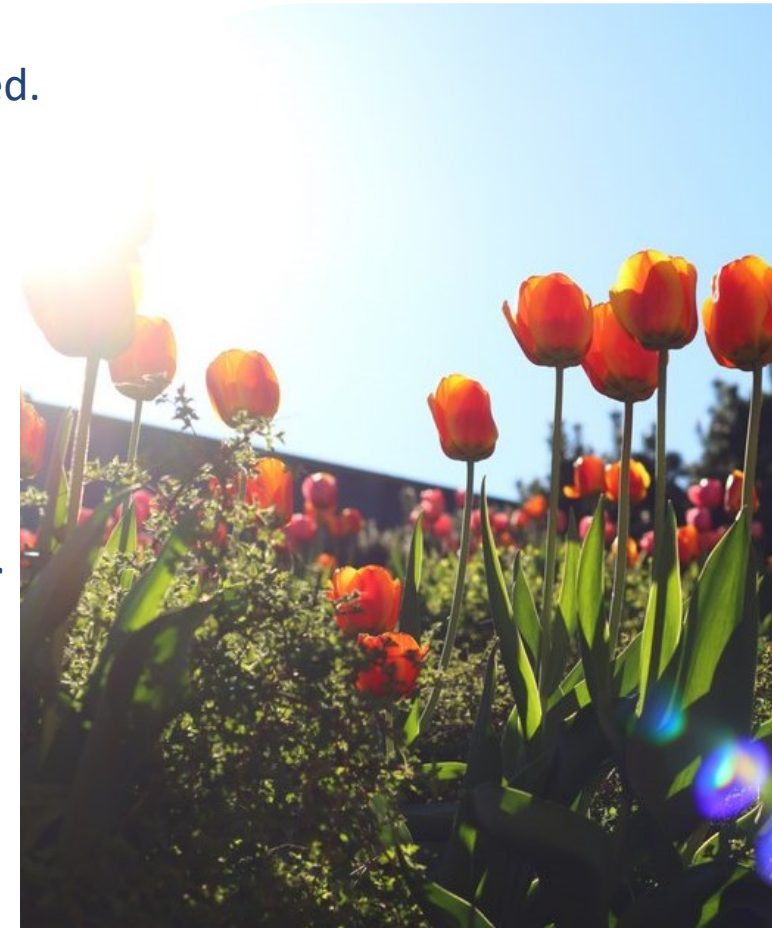
- **The goal is to discuss & document ideas inspired by today's program: research ideas, product development ideas, or combined research and development ideas + network**
- Example Themes
  - Accelerating P4 Medicine Research and Development
  - Preventive, Personalized Interventions
  - AI & Digital Twin Opportunities in P4 Medicine
  - Everyday Support Through Digital Tools: From Sensors to Smart Homes
- One groups is focusing on innovation co-operation with Pirha (in Finnish). Julkisen ja yksityisen välinen innovaatioyhteistyö, mahdollisuus keskustella Pirhan kanssa.
- Groups have approximately 45 minutes to innovate & document ideas.
- Each group will present their ideas.

At the group

- Choose 1) **who will write** the outcomes of the discussion and 2) **who will facilitate (facilitator)** the discussion and present the results during the networking session. The same person can act as both facilitator and scribe.
- Begin with **a short round of introductions** within the group: name and organization/ expertise (max. 1 minute per person).
- Discuss which topics are important to research or which challenges should be addressed.

→ Write these down as bullet points on paper.

- Example Themes
  - Accelerating P4 Medicine Research and Development
  - Preventive, Personalized Interventions
  - AI & Digital Twin Opportunities in P4 Medicine
  - Everyday Support Through Digital Tools: From Sensors to Smart Homes
- **The goal is to discuss & document: 1)research ideas, 2)product development ideas, or combined 3)research and development ideas.**
- **Time: until 15.45 -> Facilitator from each group will** present the discussion & idea results.



Poster

- **Opitional!**
- If you find a shared area of interest, you can formulate it into preliminary research questions and write them on the poster.
- Identify whether there is a key actor willing to take the project idea forward, as well as other participants in the group who are interested in researching or developing the theme.
- Write down participants who are in interested about these research questions.

Workshop Results &

Joint Discussion 15.45-16.15

- **Facilitator from each group will** present the discussion & idea results.
- Comments are more than welcome.

TAMPERE HEALTH

Contact us!

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