



# Finnish National Cancer Center

Director  
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Dept. of Safety, Security and Health  
Ministry of Social Affairs and Health  
Finland

Sub-group on Cancer; Nov 12, 2021



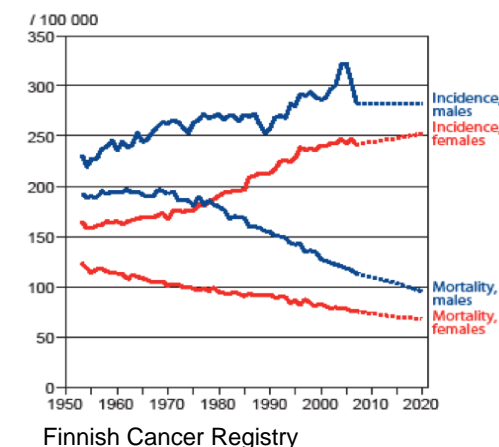
# BEST PATIENTS OUTCOMES

At present, Finland demonstrates some of the world's best patient outcomes in e.g. oncology, pediatrics and acute neurology. Good outcomes are based on a fit-for-purpose health system.

However, the system is challenged by

- demographic change and increasing multimorbidity
- demand for better performance at a lower cost
- emerging opportunities of precision medicine

It is **absolutely necessary to make full use of all health-related data in research and innovation to meet people's needs.**



# HEALTH SECTOR GROWTH STRATEGY 2014 – Roadmap update 12/2020

## Finland to be

- The source and user of versatile and high quality scientific research, inventions and innovations.
- A preferred global partner in public-private collaboration in research and innovation.
- A dynamic operating environment for new companies.
- A reliable partner for the international growth of companies.
- An attractive target country for health sector investment.
- **A model country of sustainable personalized healthcare.**



Ministry of Economic Affairs  
and Employment of Finland



MINISTRY OF  
SOCIAL AFFAIRS AND HEALTH



Ministry of  
Education  
and Culture

BUSINESS  
FINLAND

ACADEMY OF FINLAND

### Health Sector Growth Strategy for Research and Innovation Activities

MEE reports 16/2014



### Innovating together

Health Sector Growth Strategy  
for Research and Innovation Activities  
Roadmap for 2016–2018



### Health sector growth strategy Mid-term evaluation

Report 17 January 2019

### Updated Roadmap: New innovations in the health sector aim at wellbeing and competitiveness

Ministry of Economic Affairs and Employment, Ministry of Education and Culture, Ministry of Social Affairs and Health 1.12.2020 8:20  
PRESS RELEASE



Research and innovation activities in the health sector will be developed in a target-oriented way in 2020–2023. People's health and wellbeing will be improved through research and technological development. Steps will also be taken to advance Finland's international position as a forerunner in health sector research and innovation, investment and new business.

# Highest-class Knowhow, Research and Education – Centers/Clusters Of Excellence



**Finnish government is supporting and investing (over 30M€)** for personalized medicine research, innovation, education and data management clusters/centers of excellence.

- Established
  - National Cancer Center, FICAN
  - FINBB, joint activities of the biobanks
  - Neurocenter
- Establishing
  - Genome Center
  - Drug Discovery & Development Center
- Enabling legislation (such as Act on Secondary Use of Health and Social Data)





# BUILDING IT TOGETHER - Acting and growing ecosystem

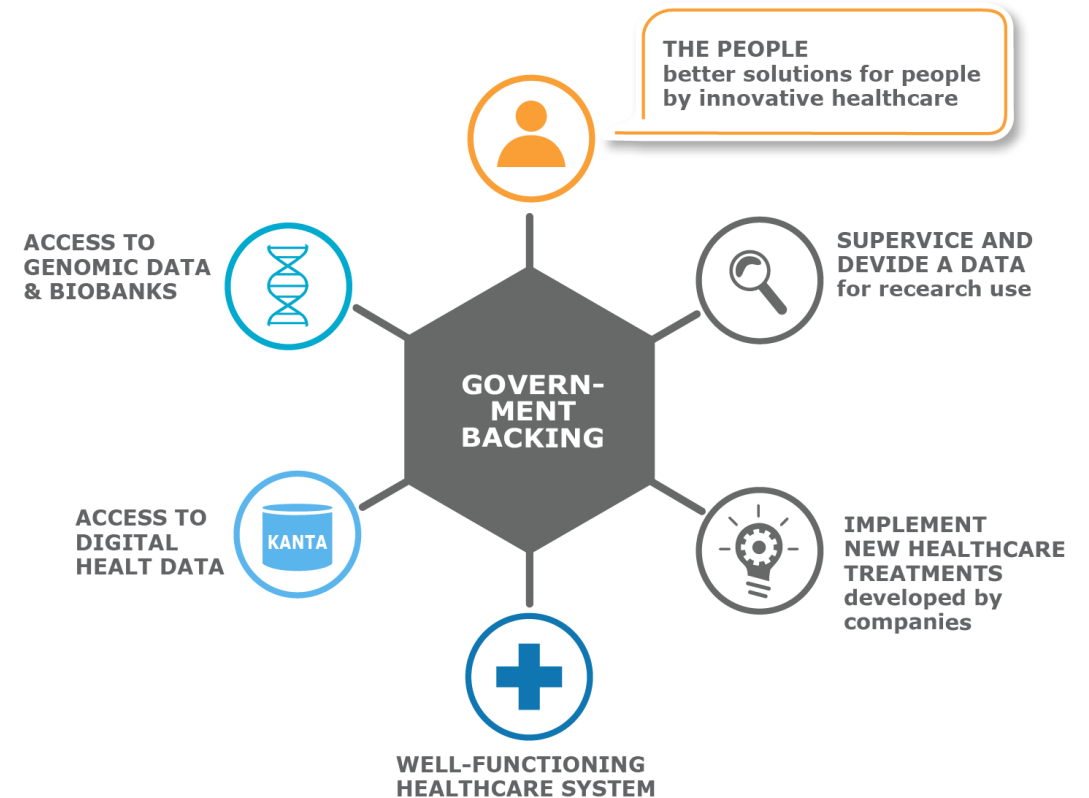


**Building the health ecosystem is a joint venture of citizens, companies, authorities and others.**

## Highlights of the Finnish ecosystem

- Well educated citizens eager to test innovations and participate research.
- Global dynamic network of competent enterprises. Especially active start-up community.
- Major authorities, public and private health and social service providers working together.
- Established procedures and open, innovative environment for public-private cooperation.
- High level of data protection and security

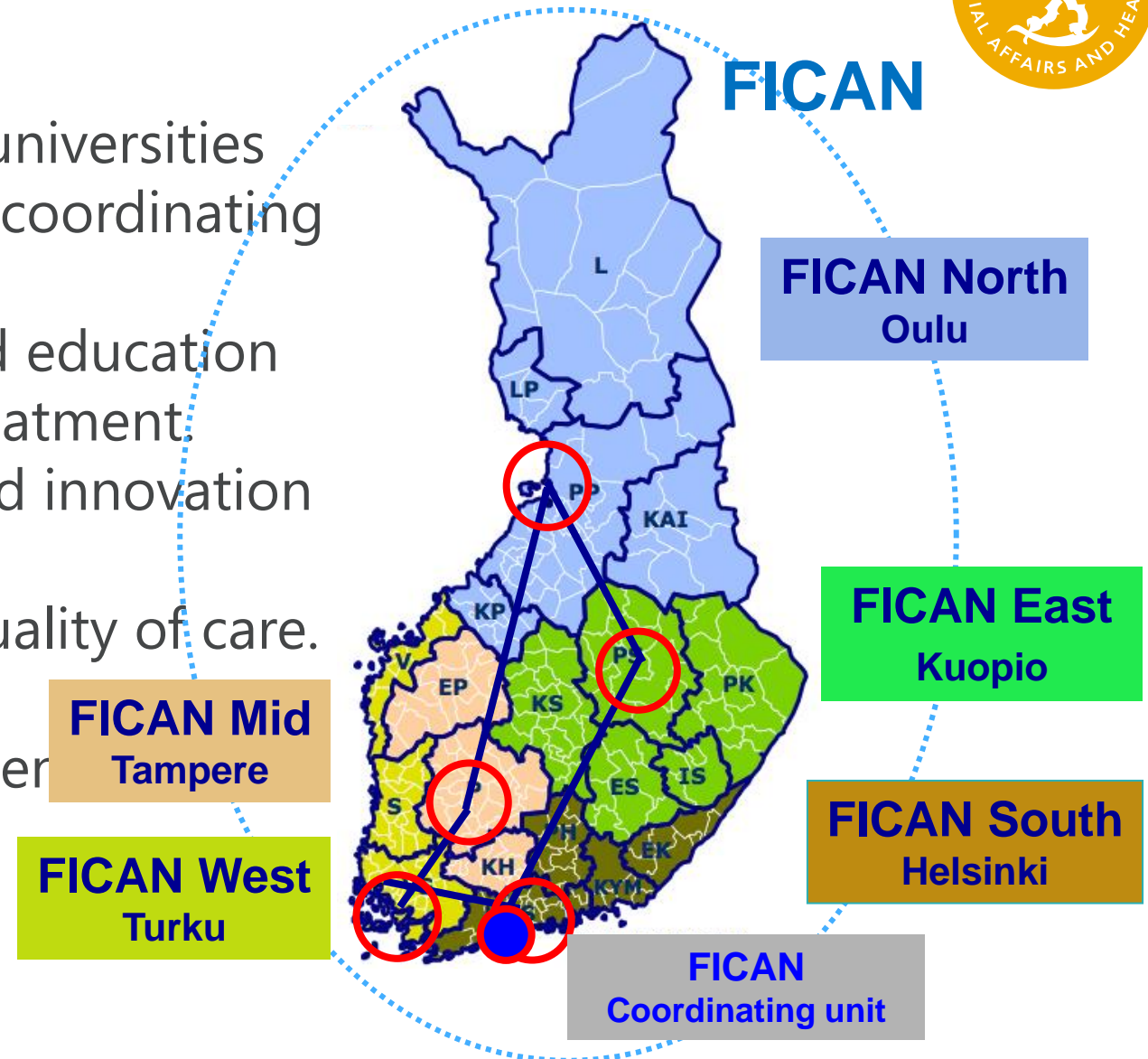
### GOVERNMENT ROLE ON ECOSYSTEM



# Cluster of Excellence – Finnish Cancer Center, FICAN



- 20 Hospital districts and 5 medical universities
- Five regional cancer centers; a joint coordinating unit.
- Combines high-quality research and education with prevention, diagnostics and treatment.
- Forms a nationwide cooperation and innovation environment.
- Safeguards the equality and high quality of care.
- Decree + cooperation agreement.
- Open communication and involvement of the patients and their families.





**Building World's Best Patients Outcomes by  
Leveraging Health Data and Personalised  
Medicine to Accelerate Research & Innovation**

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**THANK YOU!**

