

“Learning from experience- Finland” session

Moderated by

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Director, Center for health and technology, OuluHealth ecosystem



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Social and healthcare integration – the Oulu experience



Speakers

Ms. Kirsti Ylitalo-Katajisto, Director of Healthcare and Social Welfare at City of Oulu

Mr. Ilkka Luoma, Chief Executive Director, Oulu University Hospital



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OuluHealth ecosystem



Speakers

Introduction to OuluHealth ecosystem, Ms. Minna Komu, Network Director

Company perspective, Mikko Kontio, Peili Vision Ltd, COO

Virtual Hospital, Health Village, Ms. Pia Liljamo, Development Manager, Oulu University Hospital

OuluHealth Labs, Mr. Timo Alalääkkölä, Manager, Testing and Innovations, Oulu University Hospital



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Panel discussion:

The future of data-driven healthcare promoted by co-creative innovation platforms and ecosystems



EU strategies and health data:

- **Digital single Market**
Free flow data, secure access and exchange of health data
- **European Data Economy**
Data is an essential resource for economic growth
- **Digitizing European Industry**
The Internet of Things (IoT), cloud computing, big data and data analytics, robotics and 3D printing
- **EU GDPR**
- Individual has right to data portability and right to get own data in a commonly used electronic format

Digital Health and Care



TRANSFORMATION OF HEALTH AND CARE IN THE DIGITAL SINGLE MARKET - Harnessing the potential of data to empower citizens and build a healthier society

European health challenges

- ⊗ Ageing population and chronic diseases putting pressure on health budgets
- ⊗ Unequal quality and access to healthcare services
- ⊗ Shortage of health professionals

Potential of digital applications and data to improve health

- 📌 Efficient and integrated healthcare systems
- 📌 Personalised health research, diagnosis and treatment
- 📌 Prevention and citizen-centred health services

What EU citizens expect...



Support European Commission:

1 Secure access and exchange of health data



Ambition:

Citizens securely access their health data and health providers (doctors, pharmacies...) can exchange them across the EU.

Actions:

- eHealth Digital Service Infrastructure will deliver initial cross-border services (patient summaries and ePrescriptions) and cooperation between participating countries will be strengthened.
- Proposals to extend scope of eHealth cross-border services to additional cases, e.g. full electronic health records.
- Recommended exchange format for interoperability of existing electronic health records in Europe.



2 Health data pooled for research and personalised medicine



Ambition:

Shared health resources (data, infrastructure, expertise...) allowing targeted and faster research, diagnosis and treatment.

Actions:

- Voluntary collaboration mechanisms for health research and clinical practice (starting with "one million genomes by 2022" target).
- Specifications for secure access and exchange of health data.
- Pilot actions on rare diseases, infectious diseases and impact data.

3 Digital tools and data for citizen empowerment and person-centred healthcare



Ambition:

Citizens can monitor their health, adapt their lifestyle and interact with their doctors and carers (receiving and providing feedback).

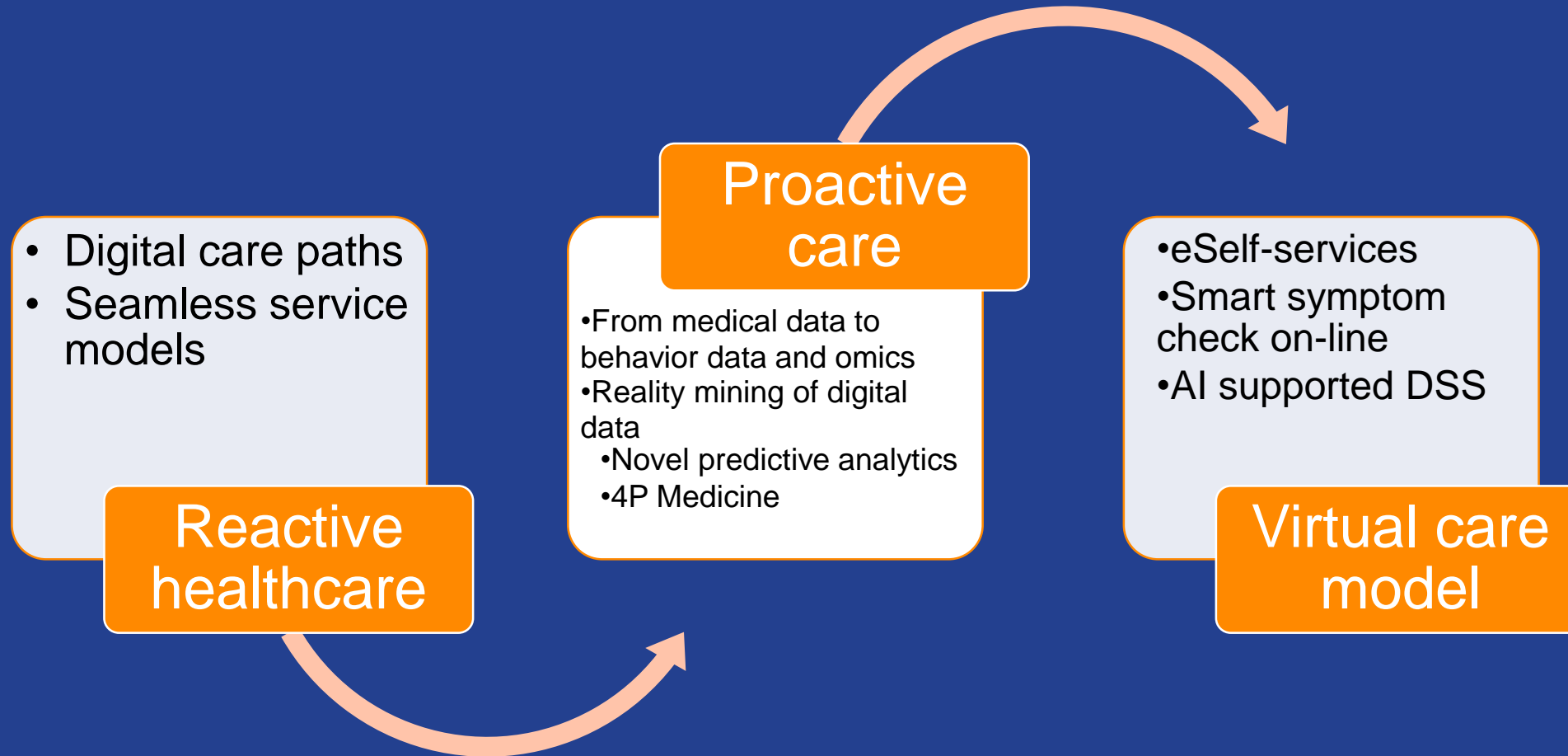
Actions:

- Facilitate supply of innovative digital-based solutions for health, also by SMEs, with common principles and certification.
- Support demand uptake of innovative digital-based solutions for health, notably by healthcare authorities and providers, with exchange of practices and technical assistance.
- Mobilise more efficiently public funding for innovative digital-based solutions for health, including EU funding.





Paradigm change in healthcare needs new data flow models





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// Thank you

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