

**OULU**  
**HEALTH**  
**LABS**

**Oulu** Capital  
of Northern  
Scandinavia



# OuluHealth Labs

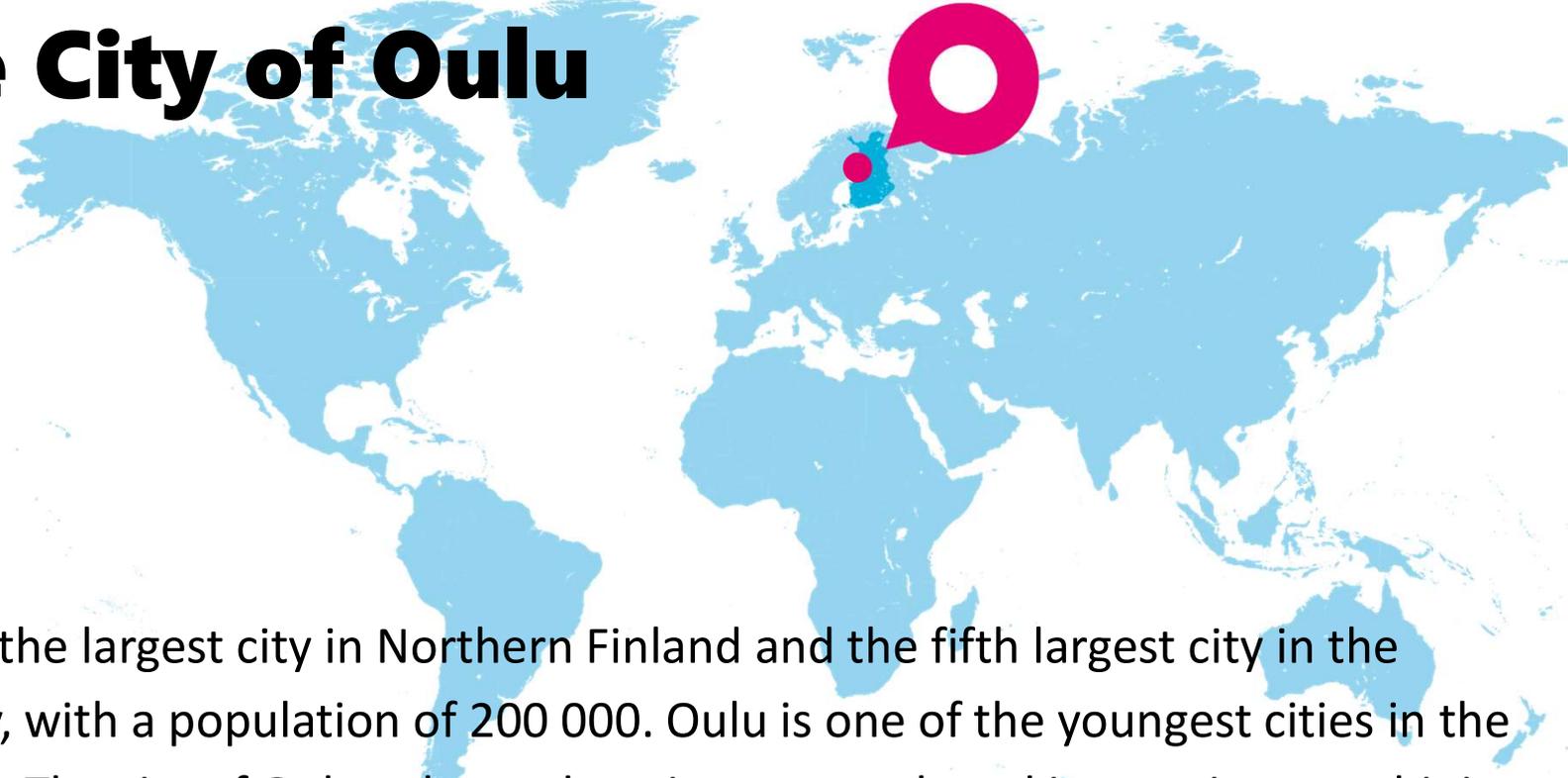
– innovation, developing and testing  
environment

Jaana Kokko, Technology Specialist City of Oulu Social and Health Services

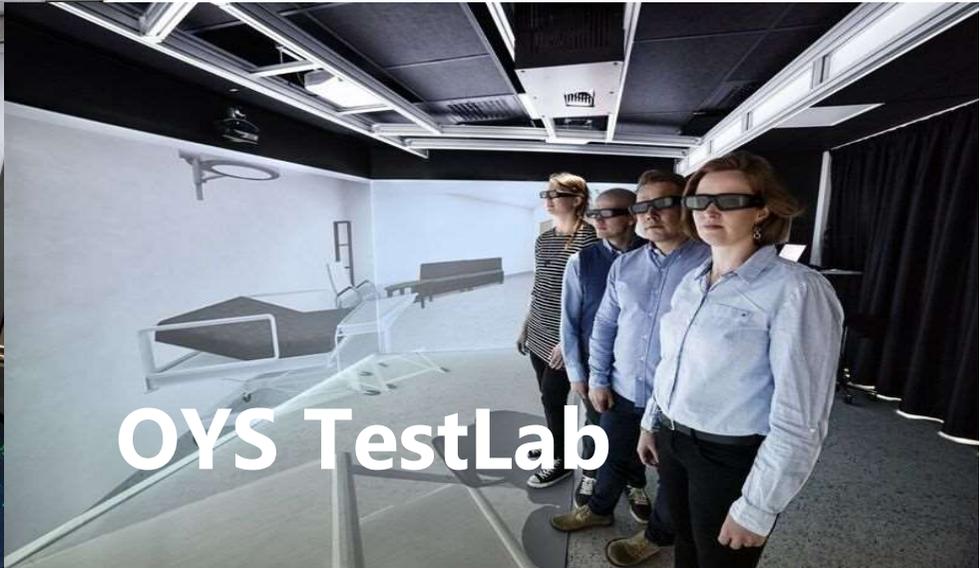


Leverage from  
**the EU**  
2014–2020

# The City of Oulu



Oulu is the largest city in Northern Finland and the fifth largest city in the country, with a population of 200 000. Oulu is one of the youngest cities in the country. The city of Oulu values education, research and innovation, combining modern technology with wellbeing, nature and culture.



# History of the OuluHealth Labs

- 2008 new health care center was established in Kaakkuri (Southern part of Oulu)
- New model – product testing was also established:
  - The end users haven't been taken into account when developing new products / services → collaboration with companies
  - New trend began: traditional services → eServices
- First pilots
  - product: hand-held fundus camera
  - service: Oulu SelfCare
- Oulu University Hospital started testing in 2015 (future hospital) – OYS TestLab
- Oulu University of Applied Sciences started 2009 – OAMK SimLab



Now all environments act together as OuluHealth Labs

(as a part of organisations' basic function and normal budget, no EU or other external funding)

# OuluHealth Labs

- WITH WHOM?
  - in collaboration with citizens, patients, customers, professionals, companies...
- WHERE?
  - Development is done in all social and health services from homes to hospitals; social and health centers; child and maternity clinics; city hospital... in lab environments or in real processes
- HOW MUCH DOES IT COST?
  - If the need comes from company – company can buy
    - professional consultancy
    - testing in real user environment
    - see products: <https://ouluhealth.fi/labs/>

# OuluHealth Labs

## WHAT HAS BEEN DONE?

- We have tested / developed
  - new innovations – test your idea, get feedback from professionals / end user
  - prototypes – before CE
  - ready products – first reference from Europe / Finland
- Customers have been start ups from Oulu -- big foreign companies

# Few testcases



**Terveydenhoitaja nyt  
Snapchatissa!**

Hoitaja Merikoski  
terkkarimkoski | 14 |

Käy joka terveydenhoitaja:

- Terveydenhoitaja
- Hoitaja
- Hoitajapäällikkö
- Hoitajien esimies

Voit ottaa yhteyden hoitajaan:

Terveydenhoitaja on saatavilla vain tiistai-iltoina.

Kiertomaauuni

Uunin aputaso

Pakastin

Annoshyllystö

Ateria  
ulos vedetyllä  
hyllyllä

Automaatin toiminnasta kertova merkivalo ja kaiutin sekä ainoa painonappi, jota painamalla automaatti kertoo sinulle puheella mitä se tekee tai mitä se on valmis tekemään.

**Tekniset tiedot:**  
Pakastimen korkeus: 85 cm  
Korkeus uunin kanssa: 110 cm  
Leveys: 55 cm  
Syvyys: 60 cm

Yksi pistorasia riittää.  
Sähkönkulutus / n. 0,20 €/vrk.

OuluHealth Labs  
National eHealth award  
2018



# Kiitos!

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