



Oulu Capital  
of Northern  
Scandinavia



# OuluHealth Labs

– innovation, developing and testing  
environment

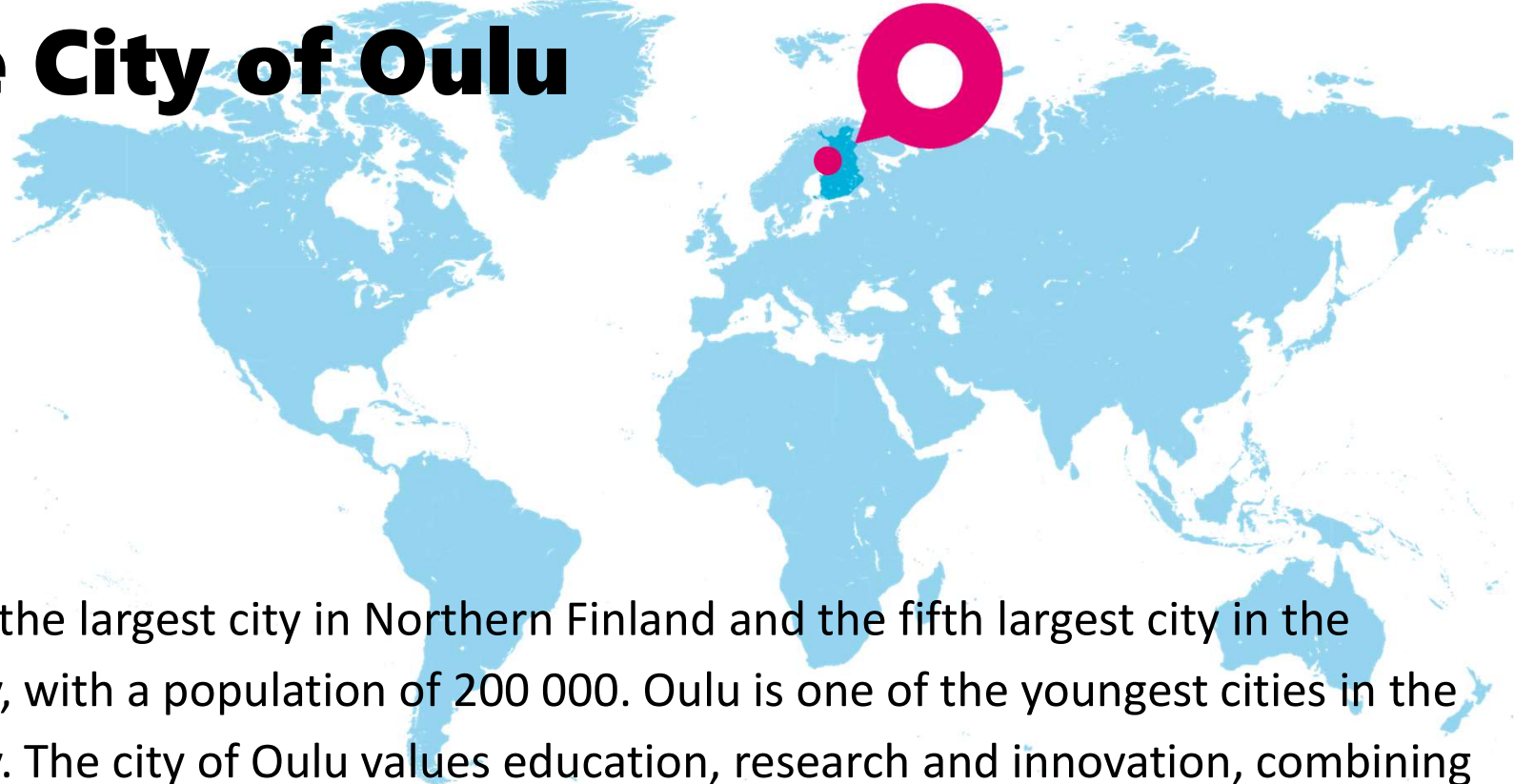
Jaana Kokko, Technology Specialist City of Oulu Social and Health Services



Leverage from  
the EU  
2014–2020



# The City of Oulu

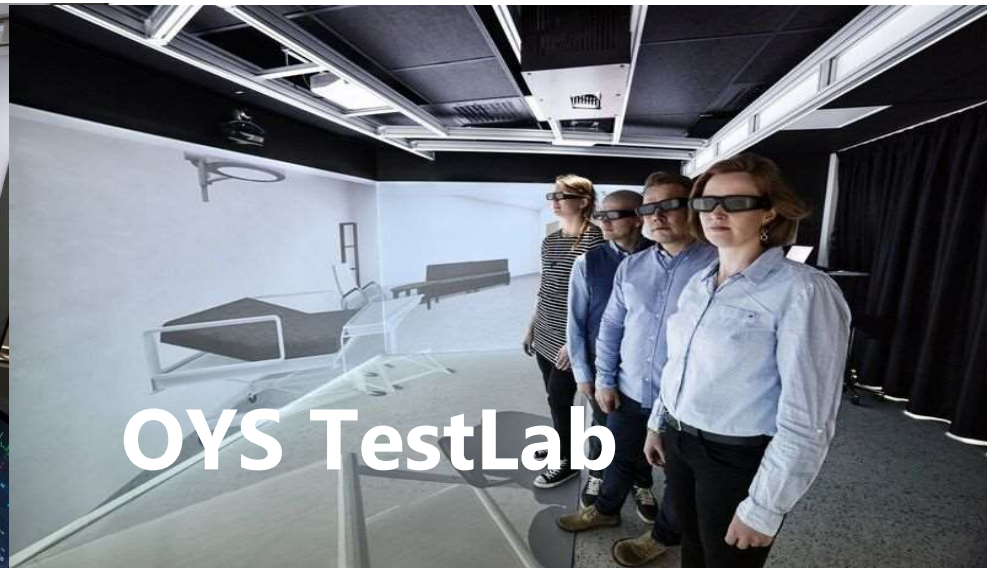


Oulu is the largest city in Northern Finland and the fifth largest city in the country, with a population of 200 000. Oulu is one of the youngest cities in the country. The city of Oulu values education, research and innovation, combining modern technology with wellbeing, nature and culture.





Oamk SimLab



OYS TestLab



Oulu  
WelfareLab



# 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/>



A banner image with a blue tint showing a person in a lab coat working at a computer monitor displaying a waveform graph.

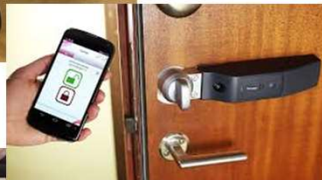
# OuluHealth Labs

## 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



**Terveystenhoitaja nyt  
Snapchatissa!**



Käy kysä terveystenhoitajalta:  
• Terveystenhoito  
• Pääsykortti  
• Keskustelu  
• Huolehditko sairaalasta etäällä  
Voi lähteä kysymään hoitoa!  
Terveystenhoitaja on koulutettu hoitamaan  
Terveystenhoitaja on koulutettu hoitamaan

Kiertolamput

Uunin aputaso

Pakastin

Annoshylly

Ateria  
ulos vedetyllä  
hyllyllä

Automaatin toiminnasta  
kertova merkkivalo ja kaiu-  
tin 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!

Jaana Kokko

[jaana.a.kokko@ouka.fi](mailto:jaana.a.kokko@ouka.fi)

044 703 4030

@jaana\_kokko



Oulu Capital  
of Northern  
Scandinavia

