

**Nordic Proof webinar 16.2.2022**

# CO-DEVELOPING DIGITAL AND DATA DRIVEN SOLUTIONS WITH HELSINKI UNIVERSITY HOSPITAL

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**HUS – Helsinki University Hospital**

# ACADEMIC MEDICAL CENTER HELSINKI CAMPUS



TERKKO  
HEALTH  
HUB

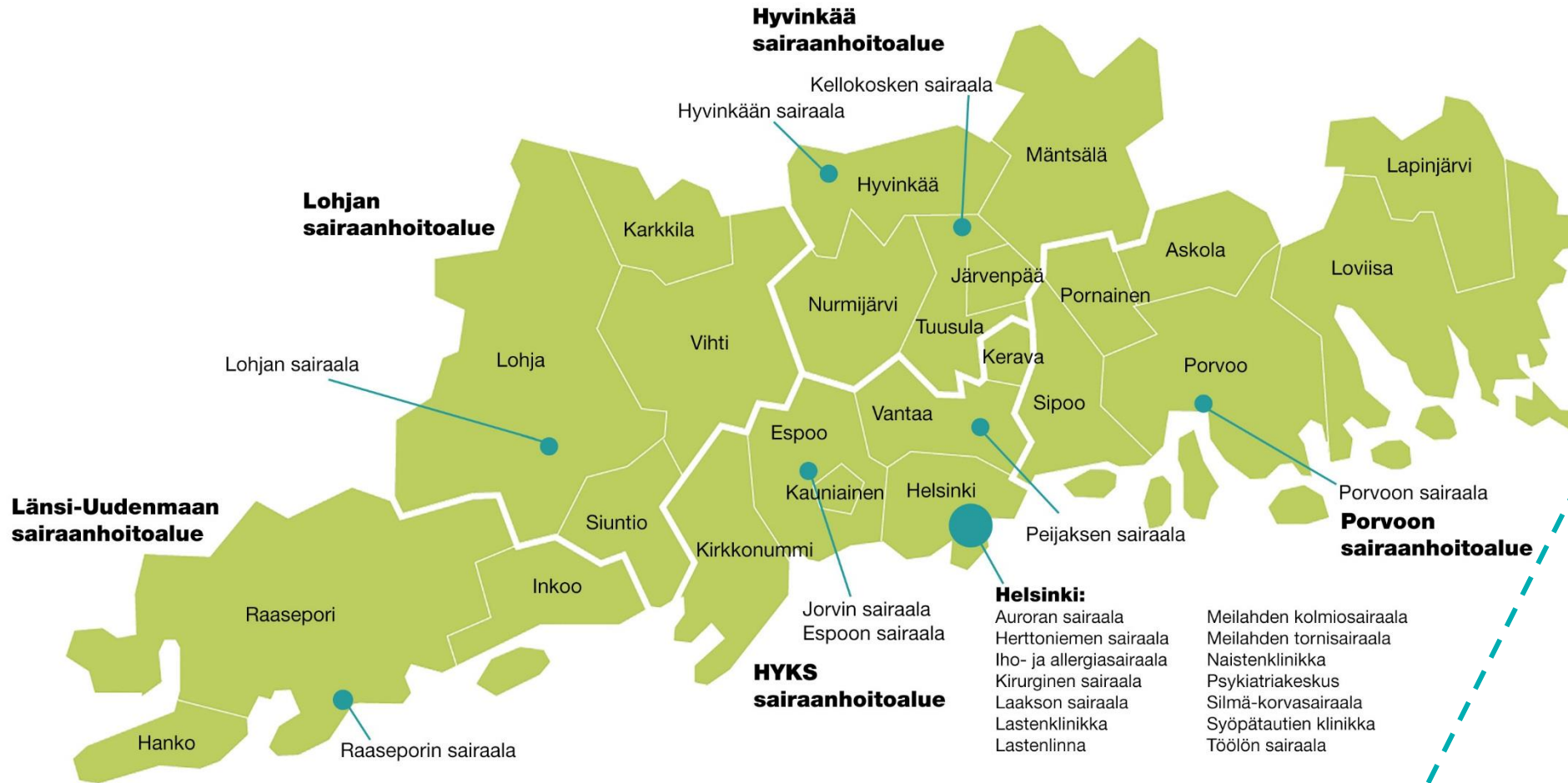


HEALTH  
CAPITAL  
HELSINKI

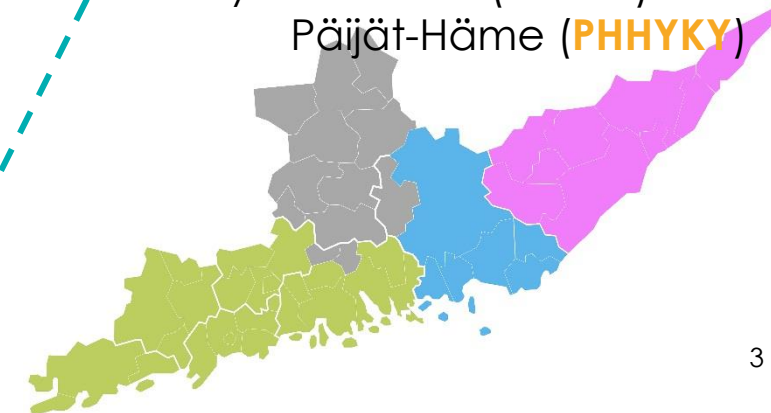
FORUM  
VIRIUM  
HELSINKI

HEALTHVILLAGE.FI

# HUS OPERATES IN 23 HOSPITALS



Southern Finland special catchment area for tertiary care together with districts of Southern-Karelia (**Eksote**), Kymenlaakso (**Carea**) and Päijät-Häme (**PHHYKY**)



# HUS is active in research, development and deployment of digital solutions

HUS\*



## THE BIGGEST HEALTH DATA REPOSITORY IN EUROPE

CE-certified (class 1)

Services for researchers: data availability, research permits



## ACADEMIC MEDICAL CENTRE

Research based – clinically validated – high quality data  
3000 Scientific publications annually



## INDUSTRY COLLABORATION

Clever Health Network

- 15\* ecosystem partners
- 5\* ongoing joint projects

Public procurement, market dialogue, innovative procurement practices (DPS)



## DEVELOPING AI-BASED SOLUTIONS

2018 capability for CE-marking  
2020 first machine learning based implementation



## ROBOTIC PROCESS AUTOMATION

40\* Distinct automated tasks  
60\* FTE saved since Oct/2018

\* situation 12/2020

# ENGAGING IN CO-DEVELOPMENT OF DIGITAL SOLUTIONS WITH HUS

- Initial contact (Nordic Proof or directly)
- Assessment and dialogue with HUS coordinators
- Interacting with HUS clinicians and Cleverhealth Network partners ([www.cleverhealth.fi/en](http://www.cleverhealth.fi/en))
- Project preparation and planning
- Contracts & Execution

HUS<sup>+</sup>





# Health Proof Helsinki

Research infrastructure services designed for pre-clinical and clinical test and research.

- ✓ Metropolia University of Applied Sciences (coordinator and pre-clinical settings)
- ✓ HUS Helsinki University Hospital Testbed (clinical settings and processes)
- ✓ City of Helsinki (clinical settings and processes)



## What to expect?

- ✓ Project in order to design the service model
- ✓ Piloting the model with the companies
- ✓ Seeking universities to join (national and international)
- ✓ Utilization of test groups (citizens) to increase the need based RDI.