# HUS

**Nordic Proof webinar 14.9.2021**

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

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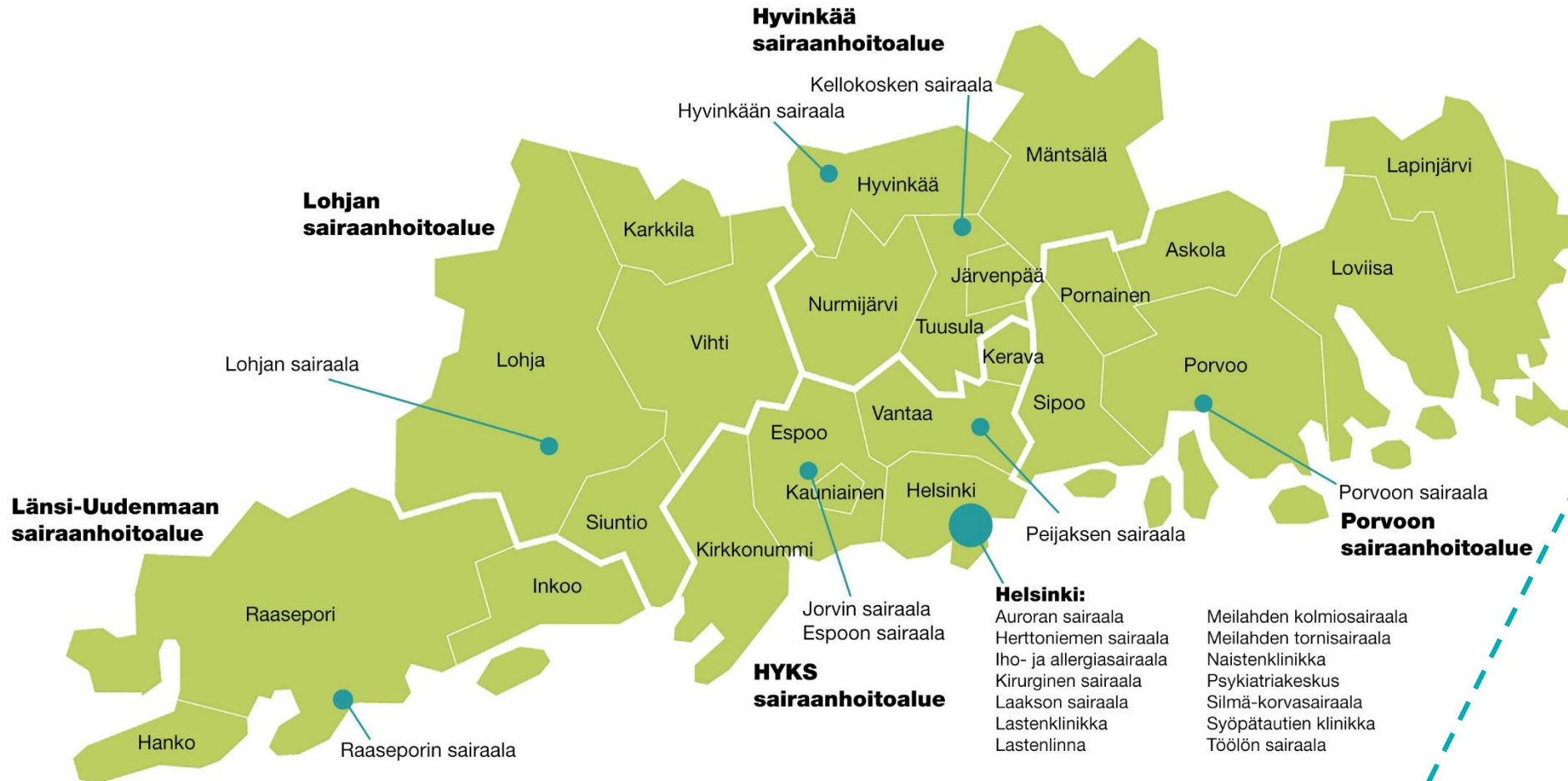
# ACADEMIC MEDICAL CENTER HELSINKI CAMPUS

# HUS OPERATES IN 23 HOSPITALS

**HUS**



**Hyvinkää sairaanhoitoalue**

Kellokosken sairaala

Hyvinkään sairaala

Mäntsälä

Lapinjärvi

Hyvinkää

**Lohjan sairaanhoitoalue**

Karkkila

Askola

Loviisa

Järvenpää

Pornainen

Nurmijärvi

Tuusula

Vihti

Kerava

Lohja

Porvoo

Lohjan sairaala

Vantaa

Sipoo

Espoo

Porvoon sairaala

**Länsi-Uudenmaan sairaanhoitoalue**

Kauniainen

Helsinki

**Porvoon sairaanhoitoalue**

Siuntio

Peijaksen sairaala

Kirkkonummi

Inkoo

Jorvin sairaala
Espoon sairaala

Raasepori

**Helsinki:**
Auroran sairaala
Herttoniemen sairaala
Iho- ja allergiasairaala
Kirurginen sairaala
Laakson sairaala
Lastenklinikka
Lastenlinna

Meilahden kolmiosairaala
Meilahden tornisairaala
Naistenklinikka
Psykiatriakeskus
Silmä-korvasairaala
Syöpätautien klinikka
Töölön sairaala

**HYKS sairaanhoitoalue**

Hanko

Raaseporin sairaala

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

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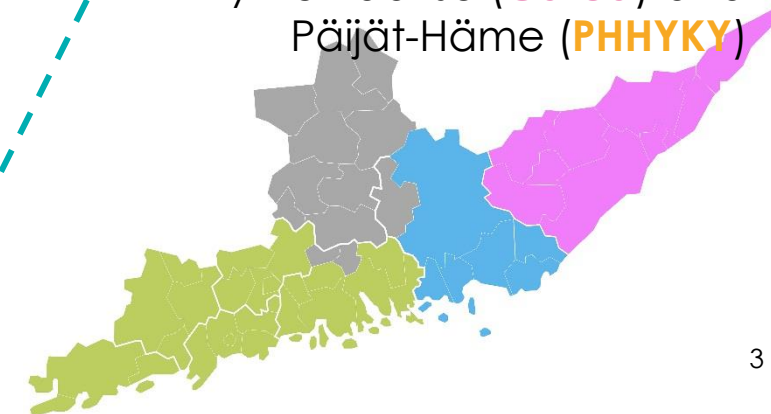
# HUS is active in research, development and deployment of digital solutions

**HUS**

## DATA-LAKE — 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)

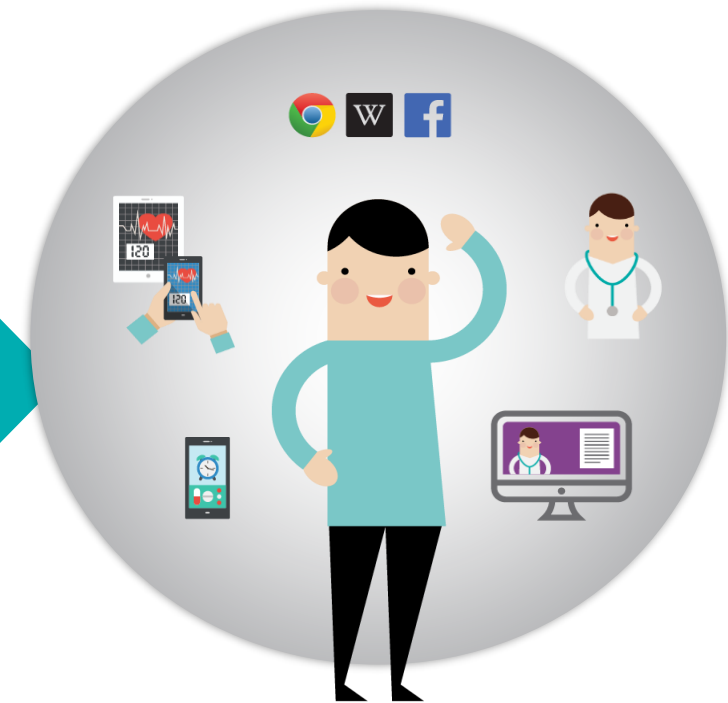- Project preparation and planning

- Contracts & Execution

# INTEGRATION TO OPERATIVE SYSTEMS



**Apotti (EPIC) EMR system & Maisa patient portal**

**Digital Health Village**