



eHealth
week

11 - 13 MAY 2015
RIGA, LATVIA

ORGANISED BY

Ministry of Health
of the Republic of Latvia



NATIONAL EHEALTH ARCHITECTURE - FROM STRATEGY TO PRACTICE

Ministry of Social Affairs and Health, Finland

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Agenda

Finnish healthcare system –
on-going & upcoming reforms

National eHealth architecture and implementation

National eHealth strategy 2020

Lessons learned

Health care in Finland

Key principle

- Residence-based, universal and equal right to health services

Provision

- Municipalities (320) are responsible for organising primary health care and specialised medical care
- 20 municipality owned hospital districts and appr 170 health care centres
- Employers organise preventive occupational health care
- Private health care appr 25%

=> *Reform to be planned*

Funding

- Public services by tax revenues collected by the state and municipalities plus client charges
- Private services are partly reimbursed under the national health insurance system
- Medication is partly reimbursed under the national health insurance system

=> *Financing reform to be planned*

Local and regional eHealth situation in Finland by 2015

Delights

Strong base for further development

- EHR coverage 100% (public prim and sec healthcare) , 80% (private)
- EHR information exchange 90% (public, hospital districts)
- Electronical referrals and discharge letters 95%
- **Wide use of national solutions (ePrescription, eArchive, eAccess)**

EU comission eHealth Benchmarking 2012-2013:

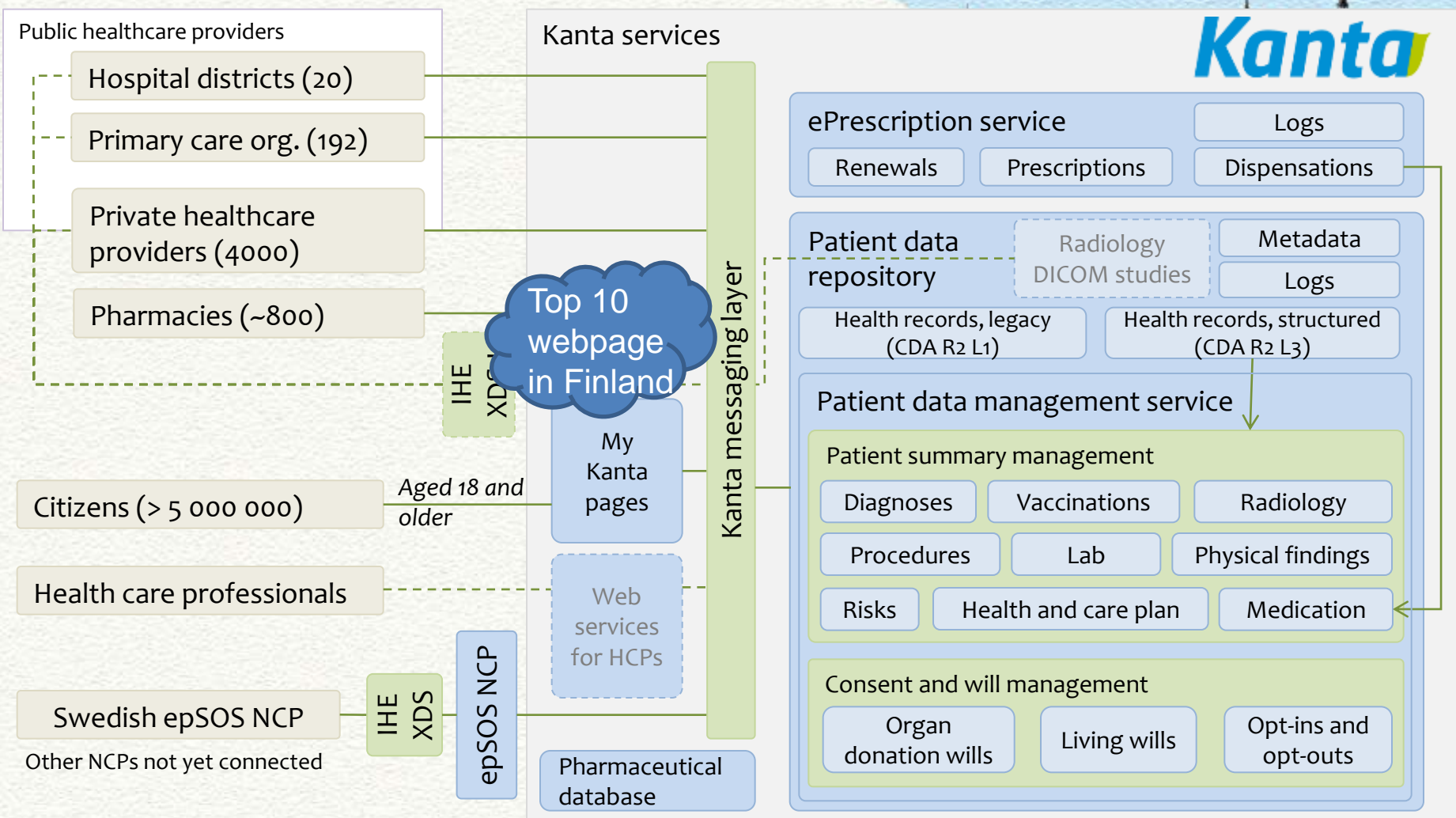
- Nordic countries are the leading countries in EU

Drawbacks

- **Forerunners dilemma: old EHR systems, usability**
- Interoperability problems
- Slow adaptation of citizen eServices

Decisions

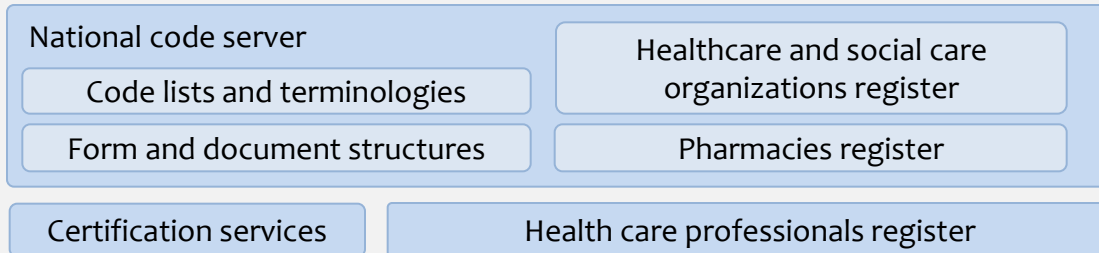
- Government decision in 2002: Finland should have a nation wide interoperable EHR system by end of 2007
- By 2005 agreement on the **National archive for health information** (KanTa) comprising three nation wide services
 - ePrescription
 - eAccess
 - eArchive
 - Based on structured documents (HL7 V3 CDA R2)
 - In co-operation with local systems to feed care documents and using them
- New legislation was needed to allow the new features
 - Placing the centralized service to Kela
 - Consent management, privacy & security aspects



Main standards

- HL7 V3: CDA R2 Level 3 and Medical Records
- IHE IT-I Profiles
- W3C XML DSig
- WS Addressing, WS-I
- TLS, X.509

Other national services



Patient empowerment

- Patients can check the use and release of their personal health information.
- Through the [eAccess](#) portal, patients can monitor which organisations access or process their personal information and to which organisations the information is released.
- Patients can also request the register authority to detail who have accessed and processed the data.

Risks in implementation

- Specifications – clear enough?
- Timetables – software development and implementation?
- Usability issues?
- Acceptance of structured documentation?

Answers

- Clear testing plan and implementation plan
- Co-operation with users and vendors
- Guidelines and training

Implementation - IT-management perspective

- Good action plan and schedule
- Good national guidelines – but more and more are needed
- Do we have enough money and enough time?
- New ways of co-operation
- Culture of project work
- New services have been useful – and more use is to be expected
- **Acceptance and use of national services and national specifications is growing**
- **Understanding and implementing the importance of data safety**
- **Importance of national architecture**

Information to support well-being and service renewal

eHealth and eSocial strategy 2020

Focus area	How to get it done
Citizens	Taking own responsibility - doing it yourself
Professionals	Smart systems for capable users
Service system	Effective utilisation of limited resources
Information use Refinement of information and knowledge management	Knowledge-based management
Steering and co-operation	From soloists to harmony
Infostructure	Ensuring a solid foundation

The biggest challenge

- How to change the way health care providers and professionals are delivering care
- Incentives
- Our citizens are ready and demand change!



The logo for eHealth week, featuring a stylized blue 'e' followed by the words 'Health' and 'week' in a bold, black, sans-serif font.

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THANK YOU

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