The EU eHealth Strategy
Connecting Member States
Composite index for eHealth adoption among General Practitioners 2013

Source: Benchmarking Deployment of eHealth among General Practitioners (2013)
Health Objectives for the EU cooperation on eHealth

- Patients empowerment
- Access to healthcare
- Quality and safety of healthcare
- Sustainability of health systems
Developing EU policy & support measures

- **Research & Development activities (since 1989)**
  - Research Projects, > 450 projects, > €1 billion
  - Cooperation with health services, industry, universities

- **Policy instruments (since 2004)**
  - Communications, Recommendations, Directive(s)
  - Stakeholders’ Group (users, industry)
  - Strategy studies, road maps, evidence

- **Support to deployment (since 2007)**
  - Market validation and implementation
  - Competitiveness and Innovation

- **Work with national health systems (since 2011)**
  - Collaboration of MS in the eHealth Network
  - Deployment of the results of projects

Adapted from From Flora Giorgio, 2010
10.5.2015
Policy Instruments for eHealth in the EU

- eHealth Action Plan 2012-2020
- Directive on patients' rights in cross-border care
  - eHealth Network
  - 2nd Joint Action on eHealth
- Financing
  - Horizon 2020: research and innovation
  - Connecting Europe Facility: implementation

- Strategy for the Digital Single Market
  - Adopted by the Commission 6 May 2015
eHealth Action Plan 2012-2020

- Objectives include
  - Interoperability of eHealth services
  - Research, development and innovation
  - Uptake and wider deployment
  - International cooperation

- eHealth Network ➤
- Green Paper on mHealth ➤
- eHealth Interoperability Framework ➤
Directive on patients' rights in cross-border care

- **eHealth Network** - Article 14
  - Leads the cooperation of Member States
  - Gives direction to eHealth developments
  - Adopts guidelines
    - patient summary data
    - E-Prescriptions

- Implementing act on prescriptions - Article 11
  - Minimum data to be shared across borders
  - Paving way to guidelines on cross-border ePrescription
The eHealth Network – A Strategic Tool

Political body > eHealth Network

Preparatory body >

eHealth Governance Initiative eHGI

eHealth projects
Guidelines on ePrescriptions dataset for electronic exchange under the cross-border Directive

eHealth Network
Brussels
18 November 2014 Release 1
What do the guidelines address?

Rules in the guidelines
Connecting Europe Facility - CEF supports the building of connections

December 2014
The 2015 Work Plan allocates 15 million euro to eHealth

January 2016
Member States sent proposals

June/September 2015
Call for proposals for Member States

2016-2018
Implementation
eHDSI - eHealth
Digital Service Infrastructure under CEF

Core services:
Horizontal Building Blocks: eID, eDelivery, eInvoicing...

eHealth Building Block: terminology server

Calls for tender

NCP: National Contact Point

Generic services supported through calls for proposal to Member States

NCP

NCP

Hospitals

GP's

(…)

tp 10/05/2015
Legal Study on Electronic Health Records: Overview of national laws

- Every country/region is in the process of progressively adapting legal rules to enable EHR sharing.
- Each national/regional legal framework is different and needs to be read in its specific context.
- Typologies or classifications of these frameworks are difficult to make and not very useful.
- Question: is diversity of national/regional legal frameworks an obstacle for cross-border sharing?
Regulation on eIdentification

- Creates an EU legal framework for mutual recognition and acceptance of eID and eSignature

- The Regulation supports a cross-sectorial use of the notified eIdentification systems
Green Paper on mHealth feeding into policy

- Potential for healthcare
  - Efficient and sustainable healthcare, quality
  - Empowering patients (treatment) and citizens (prevention)
  - Use of the data for public health

- mHealth market
  - From app developers to device manufacturers and network operators

- EU contribution to mHealth
  - Legal certainty and trust
  - Stimulating innovation and entrepreneurship
"The physician's role is changing significantly, and the ways how patients use the know-how of the doctor will diversify."

Dr Heikki Pälve, CEO, Finnish Medical Association
Finnish Medical Journal  27 March 2015, p. 849

"Lääkärin rooli muutuu merkittävästi, ja potilaiden tavat käyttää hyväkseen lääkärin osaamista eriytyvät."

toiminnanjohtaja Heikki Pälve, s. 849
Consequences for Patients & Doctors

- Responsibility moves more to the patient
- Role of the doctor changes substantially: guiding treatment and coaching
## eHealth Network – Multi-Annual Work Plan 2015-2018

<table>
<thead>
<tr>
<th>Interoperability &amp; standardisation</th>
<th>Exchange of knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitoring &amp; assessment of implementation</td>
<td>Global cooperation &amp; positioning</td>
</tr>
</tbody>
</table>
eHealth Network - Interoperability and standardisation

- Trusted eHealth National Contact Points
- Electronic Identification for eHealth
- Update & revision of EU eHealth Guidelines
- Alignment of standardisation activities in eHealth
- Semantic Interoperability

* From the Work Plan of the eHealth Network 2015-2018
Priorities for healthcare

- Enabling all to benefit from telemedicine and mHealth through actions in the context of Digital Single Market
- Creating European infrastructure to exchange data
  - Legal and technical arrangements for exchange
  - For European Reference Network
- Align EU standardisation activities in health
- Electronic patient access to health records
- Secondary use of health data (Big Data)
Thank you

Tapani Piha
Head of Unit
eHealth and Health Technology Assessment
Health Systems and Products

Tapani.piha@ec.europa.eu
DG Health and Food Safety site

DG Connect site
The Key Tools for Healthcare

- eHealth Network: Multi-Annual Work Plan 2015-2018
- Second Joint Action on eHealth 2015-2018 (€2,4 m)
- Connecting national healths systems, a project financed from the Connecting Europe Facility (CEF, €15 m)