European Commission

# The EU eHealth Strategy Connecting Member States

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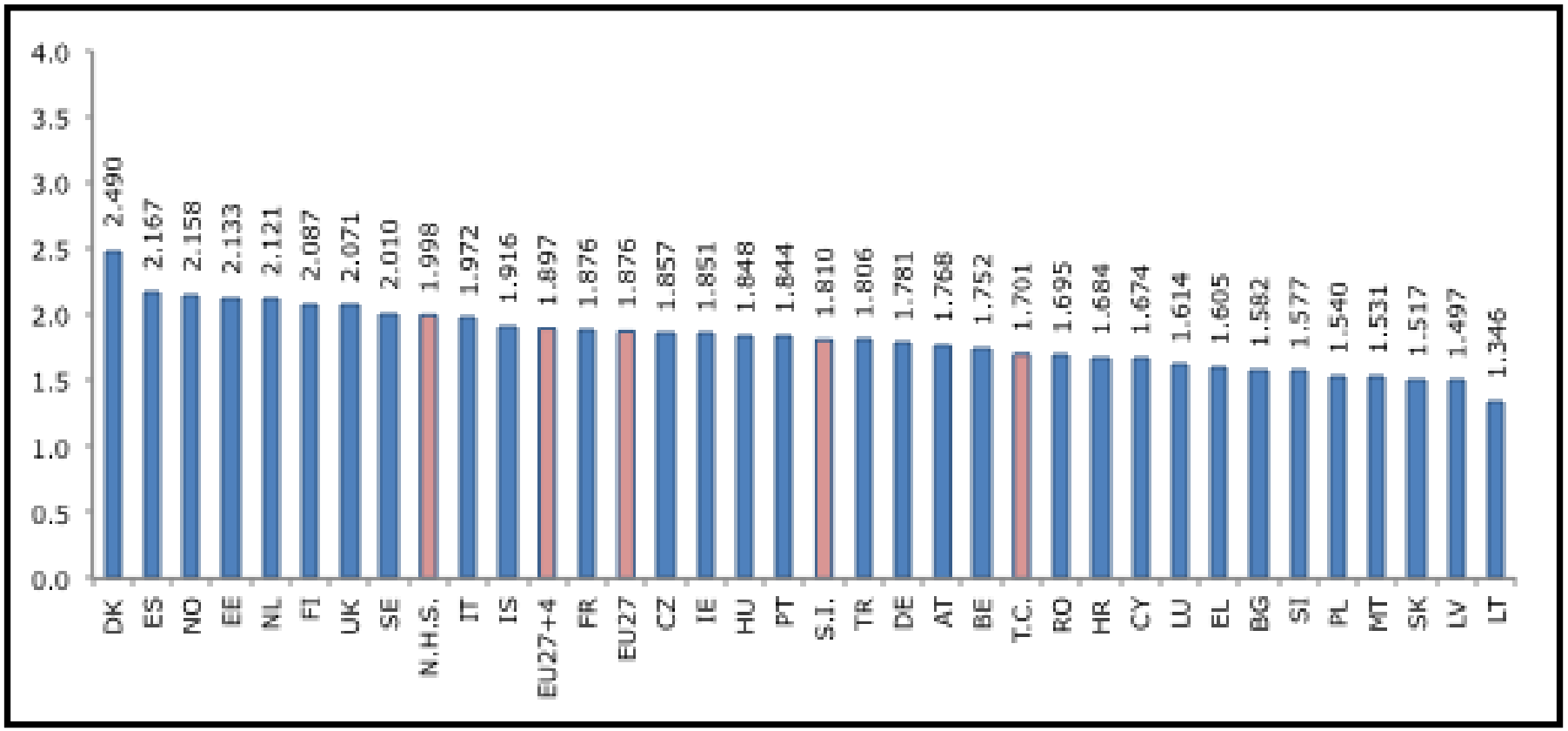
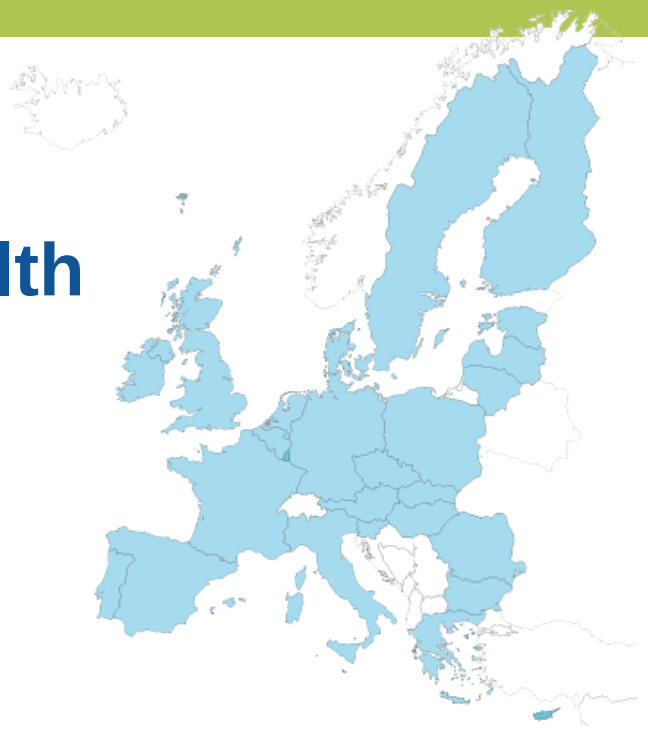
# Composite index for eHealth adoption among General Practitioners 2013




**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*

***ICT for Health budget:***
***~ 75 Million €/year***

Adapted from From Flora Giorgio, 2010

# EU Policy Instruments for eHealth

- ✓ *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

**Digital Single Market Strategy**

**Commission 6 May 2015**

# eHealth Action Plan 2012-2020

- Objectives include
  - *Interoperability of eHealth services*
  - *Research, development and innovation*
    - to address the lack of user-friendly tools and services
  - *Uptake and wider deployment*
  - *International cooperation*
- **Green Paper on mHealth ⇒**

# 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)

# Directive on patients' rights in cross-border care

- **eHealth Network** - Article 14
  - *Guidelines*
    - patient summary data
    - E-Prescriptions
  - *Policy discussions*
  - *Supported by the Joint Action of Member States*

- 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**

- **Leads** the improvement in **cooperation** by Member States
- **Gives direction on main eHealth developments** under the eHealth Action Plan.

**epSOS**

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

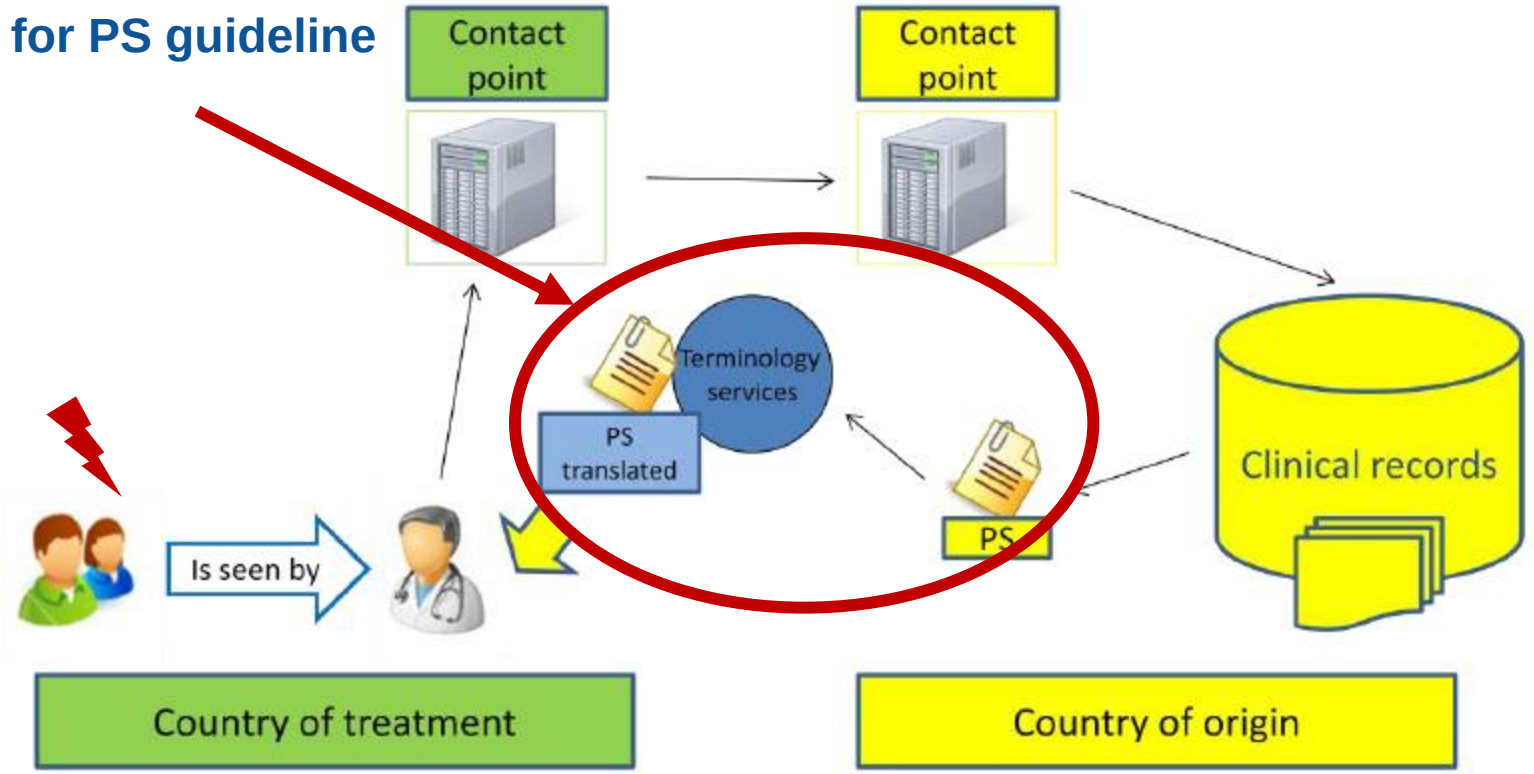
**eHealth Network**

Bruxelles

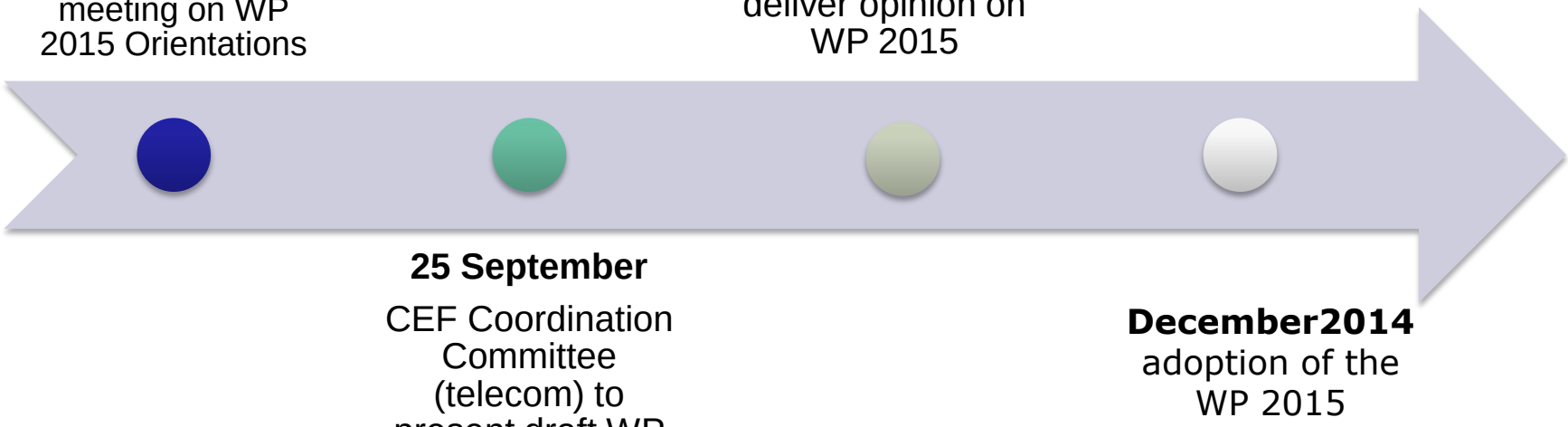
18 November 2014

# What does the guideline address?

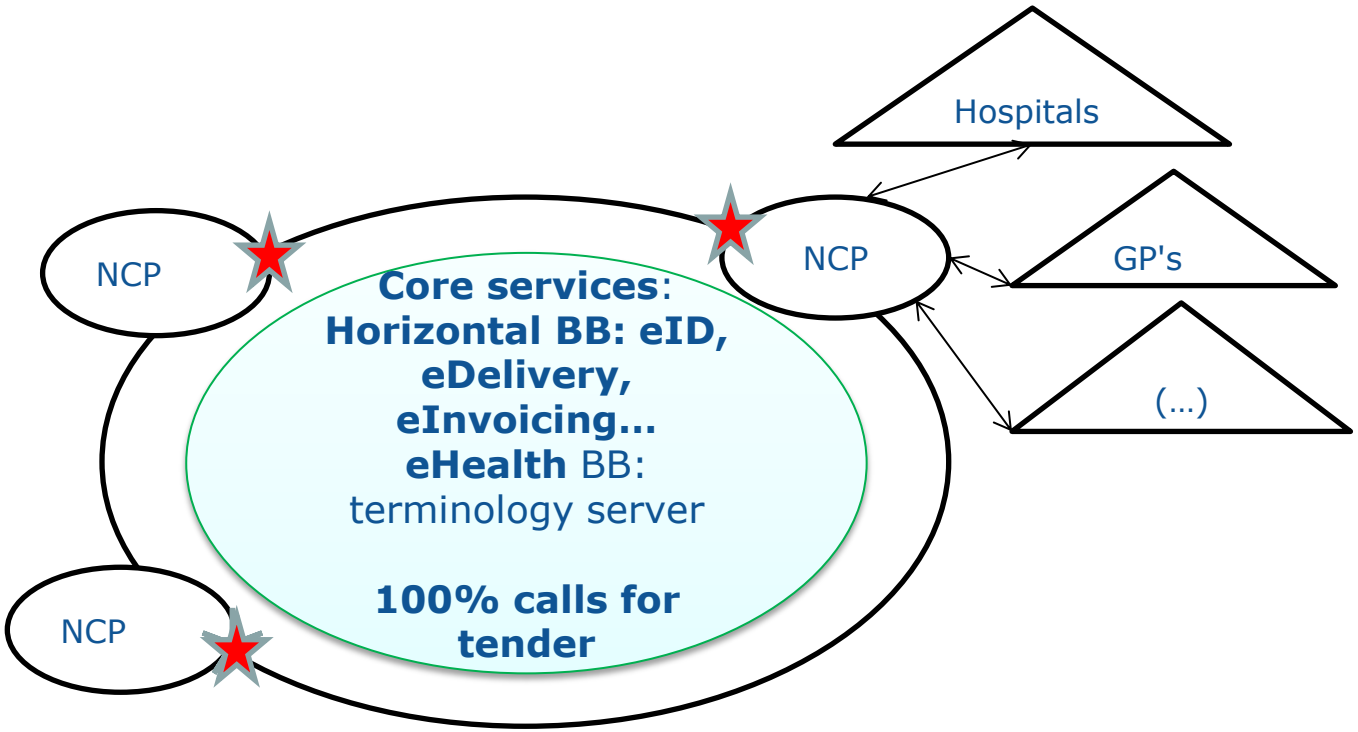
**Rules for PS guideline**



# Connecting Europe Facility (CEF): Supporting eHealth investments



# eHealth Digital Service Infrastructure (DSI)




**Generic services to be supported by CEF, 75% calls for proposal**

**BB: building blocks**

# 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

**23 July 2014**
**Published in**
**OJ L 257/73**

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

- The Regulation supports a cross-sectorial use of the notified eIdentifciation systems

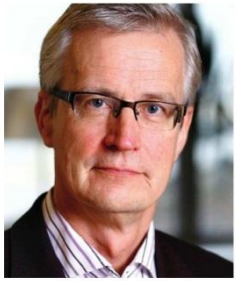
# Green Paper on mHealth feeding into policy

- 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*

European Commission

"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**



HEIKKI PÄLVE
toiminnanjohtaja
Suomen Lääkäriliitto

**”Lääkärin rooli muuttuu merkittävästi, ja potilaiden tavat käyttää hyväkseen lääkärin osaamista eriytyvät.”**

toiminnanjohtaja Heikki Pälve, s. 849

European Commission

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LÄÄKÄRILEHTI

**FINNISH MEDICAL JOURNAL**

Ministry of Health
Republic of Latvia

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# eHealth Network – Multi-Annual Work Plan 2015-2018

| | |
|---|---|
| Interoperability & standardisation | Exchange of knowledge |
| Monitoring & assessment of implementation | Global cooperation & positioning |

# 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

- ✓ *Creating European infrastructure to exchange health data (CEF)*
  - ✓ Legal arrangements for exchange;
  - ✓ European Reference Network;
- ✓ *Electronic patient access to health records*
- ✓ *Secondary use of health data (Big Data)*

- ✓ *Link between mHealth and eHealth systems.*
- ✓ *Align EU standardisation activities in health*

# EU eHealth on the web

DG Health and Food Safety site
http://ec.europa.eu/health/ehealth/policy/index_en.htm

DG Connect site
http://ec.europa.eu/digital-agenda/en/eu-policy-ehealth