eHealth

Connecting health systems in the EU

Roger Lim
European Commission (DG SANTE)
Unit B3 Cross-border Healthcare and eHealth
Health Systems, Medical Products and Innovation
Content

1. Digital Single Market Strategy
2. eHealth Network
3. Joint Action supporting the eHealth Network
4. eHealth Digital Service Infrastructure (DSI)
Digital Single Market
Better access for consumers and businesses

Key Initiatives Proposed:

E-commerce:
- Ending unjustified geo-blocking
- Efficient and affordable parcel delivery
- Harmonized rules on digital contracts
- Conducting an e-commerce sector inquiry

Copyright modernisation:
- Copyright I (incl. Cross-border portability)
- Copyright II (incl. SatCab Review)

Yet to come:
- VAT modernisation
- IPRED review
2\textsuperscript{nd} pillar

Environment

Innovative services and advanced digital networks

\textbf{Key Initiatives Proposed:}

- Digital Content Initiative
  - AVMSD update in view of technological and market developments
  - Comprehensive assessment of online platforms formulating the Commission's approach
- Cybersecurity PPP launched
- Telecom review: encouraging investment in connectivity

\textbf{Yet to come:}
- ePrivacy Review
Enhance the growth potential of the digital economy

**Key Initiatives Proposed:**

Package of 4 Commission Communications, adopted on 19th of April to help European industry, researchers and public authorities make the most of new technologies

- **Digitising European Industry:**
  - Coordination of European, national and regional initiatives
  - Digital innovation hubs

- **European Cloud Initiative**

- **ICT Standards Priorities**

- **eGovernment Action Plan**

**Yet to come:**
- Free Flow of Data
Digital Single Market strategy

Bringing down barriers to unlock online opportunities

Health under boosting competitiveness through interoperability and standardization

The Commission will launch an integrated standardisation plan to identify and define key priorities for standardisation with a focus on the technologies and domains that are deemed to be critical to the Digital Single Market, including essential sectoral interoperability and standards in areas such as health (telemedicine, m-health), transport (travel planning, e-freight), environment, and energy. The Commission will revise and extend the European Interoperability Framework.
eHealth Network

http://ec.europa.eu/health/ehealth/policy/network
Objective

The network aims to enhance interoperability between electronic health systems and continuity of care and to ensure access to safe and quality healthcare

Why?

- Article 14, Directive 2011/24/EU
- EU no competence on eHealth
- Strategic/political decisions made by Member States
- Commitment through collaboration
A strategic tool

- Leads the improvement in cooperation by Member States
- Gives direction on main eHealth developments under the eHealth Action Plan
- Multiannual Work Plan (MWP) 2015-2018
# Multiannual work plan 2015-2018

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New MWP 2018-2021 for adoption in November 2017
Achievements of the eHN?

Guidelines on patient summary set of data for cross-border exchange
November 2013

Guidelines on ePrescriptions
November 2014

Guidelines on Patient Registries (Policy paper with recommendations)
November 2015

Organisational framework of eHealth NCP
November 2015

2018

Upcoming achievement:
• Multilateral agreement
• eID specific framework for eHealth
Joint Action supporting the eHealth Network (JAseHN)
Joint Action supporting the eHealth Network

The JAseHN

- Instrument to encourage MS collaboration on eHealth
- Supporting the eHealth Network scientifically & technically
- EC supports through financing and MS provide human resources
eHealth DSI
eHealth Digital Service Infrastructure

- Cross-border healthcare Directive (2011/24/EU)
- Promote MSs cooperation in healthcare through eHealth
- Enables healthcare providers to exchange patient data between each other in cross-border context
- Connect health systems through an eHealth NCP
- Stimulates national eHealth developments
- Specific focus on ePrescriptions and Patient Summaries
- Connecting Europe Facility
Connecting Europe Facility

- Financial tool
- Implemented via annual Work Programme
- Under eHealth CEF supports the building of:
  - Core services (EC): provide building block e.g. translational configurations
  - Generic Services (MSs): connection point linking national infrastructures to the core services
- 20 Member States answered to CEF Call "2015"
  - 16 Member States receive funding under CEF 2015 WP
  - Another 6 Member States expected under CEF 2017 WP
Background of the eHDSI

2008-2014
Pilot the service infrastructure for cross-border health

2013-2015
Use common IT building blocks in different public policy areas

2014-2015
Maintain and develop sets, handover to CEF

eHDSI under CEF
Rely on the eHealth Network Guidelines Implementation by Member States and Commission
eHealth Digital Service Infrastructure
NCPeH

- Connects national health system through a single entry point with other health systems
- Transcode and translate health data using the same standard
- Allows eHealth services between healthcare providers (ePrescriptions and Patient Summaries, other use cases might follow)
- Could stimulate national eHealth developments
Exchanging documents

National eHealth system

National Connector

National Contact Point for eHealth

Transcoding (mapping on SNOMED CT)

Checking of document structure – HL7 CDA v.3 +V1 (pdf)

Translating
Key documents for interoperability

- Guideline on an Organisational Framework for eHealth NCP
  - Guidelines on ePrescriptions dataset for electronic exchange
  - Guidelines on minimum/non-exhaustive patient summary dataset for electronic exchange
- Governance model for the eHealth Digital Service Infrastructure during CEF
Thank you!

Digital Single Market @DSMeu
EU Health @EU_Health
Roger Lim @rgr_Lm

Roger.Lim@ec.europa.eu

DG Health and Food Safety

DG Connect