The eHealth DSI

2016-12-20, Hans Andersson
What is CEF and DSI?

**CEF – Connecting Europe Facility**
A regulation that defines how the Commission can finance support for the establishment of trans-European networks to reinforce an interconnected Europe.

**DSI – Digital Service Infrastructure**
Deliver solutions that support the implementation of EU-wide projects.

Services for specific domains, (e.g. eHealth, Cybersecurity, e-Justice, e-Procurement)

* - 100 m Juncker Package

**Source:** Regulation (EU) No 283/2014
CEF Telecom – what does it finance

Digital Service Infrastructures (DSIs)
CEF Telecom – what does it finance

- eHealth Digital Service Infrastructure (eHDSI)
  - EUROPEAN COMMISSION
    - CORE SERVICE PLATFORM (Services offered by the European Commission)
      - https://ec.europa.eu/cefdigital/wiki/x/QAFfAQ
  - MEMBER STATES
    - GENERIC SERVICES (Grants for projects in the Member States)
      - https://ec.europa.eu/inea/connecting-europe-facility/cef-telecom
What is the eHDSI challenge?

- Many EU citizens travel to or work in another Member State.

- However, their clinical information is not always accessible in the Member States where citizens may need health care.

- The increased mobility of citizens coupled with the advancements of digital technologies requires both health policies and health systems across the European Union to be more and more interconnected, more interoperable.
What is the eHDSI?

- Tools and services using ICTs that can improve cross border Healthcare services.

- Use Cases:
  - **Patient Summary**, provides access for health professionals to verified key health data of a patient during an unplanned care encounter while abroad.
  - **ePrescription**, enables patients to receive equivalent medication treatment while abroad to what they would receive in their home country.
eHDSI System Architecture

**Central Services**
- 1 EU wide instance
- Configuration

**NCPeH – National contact Point for eHealth**
- 1 per Country
- Run-time

**DISTRIBUTED SERVICES**
- NCPeH Country x
- NCPeH Country y
- NCPeH Country z
- NCPeH Country ...

**CENTRAL SERVICES**
- Configuration services
- Terminology services
The interoperability challenge

- **Required component**
- **Optional component**

**National Infrastructure Networking**

**Health Portal**
- **Clinical Data Repository**

**APPLICATIONS**

**Messaging and Transport**

**REQUESTER**

**PROVIDER**

**Internet**

**NCPeH-B** (Country of Treatment) - Finland

**NCPeH-A** (Country of Affiliation) - Sweden

**Connector**

**NCPeH**
eHDSI Timescale: GoLive

**CEF eHealth DSI**
Patient Summary and ePrescription

**Work Programme 2015**
- Core Services
  - Jan
- Work Programme 2017
  - Jan

- Generic Services WAVE 1
  - Jan
  - Feb
- Generic Services WAVE 2
  - Jan
  - Feb
- Generic Services WAVE 3
  - Jan
  - Feb
  - Jun
  - Feb

- Generic Services WAVE 3
  - Jan
  - Feb

**Timeline**
- 2016
- 2017
- 2018
- 2019
- 2020

**Status**
- PLANNED
- IN PROGRESS
- COMPLETED
Thank you for listening