Introduction to eHealth Digital Service Infrastructure

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@eHealthWeekEU #eHealthWeek

CEF EHEALTH DSI (EHDSI)

What is the eHealth DSI 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**.

CEF Rationale

(…) the Union needs an up-to-date, high-performance infrastructure to help connect and integrate the Union and all its regions (…)
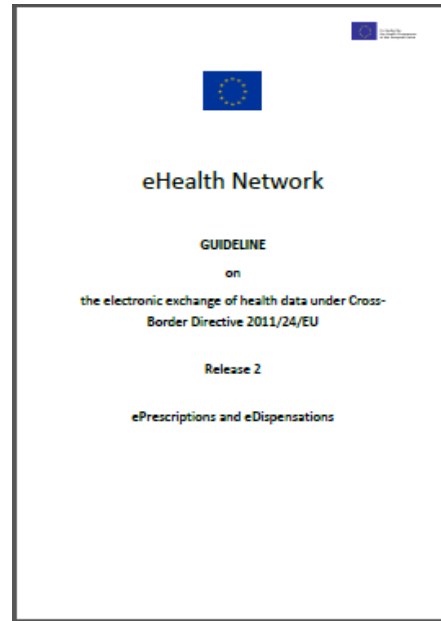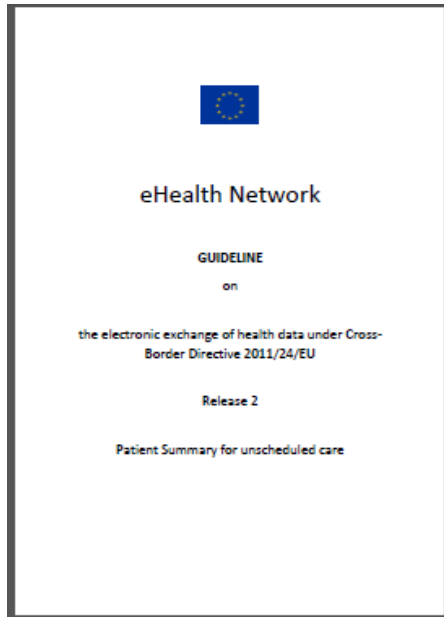
(…) Those connections should help improve the free movement of persons, goods, capital and services. (…)

Directive on patients' rights in cross-border healthcare Rationale

(…) promotes cooperation and the exchange of information among MS aiming at delivering sustainable eHealth systems and services and providing interoperable applications at European level.

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USE CASES: **PATIENT SUMMARY** AND **EPRESCRIPTION**

eHealth Network

GUIDELINE

on

the electronic exchange of health data under Cross-Border Directive 2011/24/EU

Release 2

Patient Summary for unscheduled care

eHealth Network

GUIDELINE

on

the electronic exchange of health data under Cross-Border Directive 2011/24/EU

Release 2

ePrescriptions and eDispensations

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# CEF EHEALTH DSI (EHDSI)

What is the eHealth DSI?

- **Services** and **Infrastructure** using ICTs that enable cross border Healthcare services.

- Use Cases:
    - **Patient Summary**, provides access to health professional 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

eHealth DSI Deploying Countries

	PS	eP
Austria	♥	♥
Croatia	♥	♥
Cyprus	♥	♥
Czech Republic	♥	
Estonia	♥	♥
Finland		♥
France	♥	
Germany	♥	
Greece	♥	♥
Hungary	♥	♥
Ireland	♥	♥
Italy	♥	♥
Luxembourg	♥	
Malta	♥	
Portugal	♥	♥
Sweden		♥
Switzerland	♥	♥

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CEF TELECOM – WHAT DOES IT FINANCE
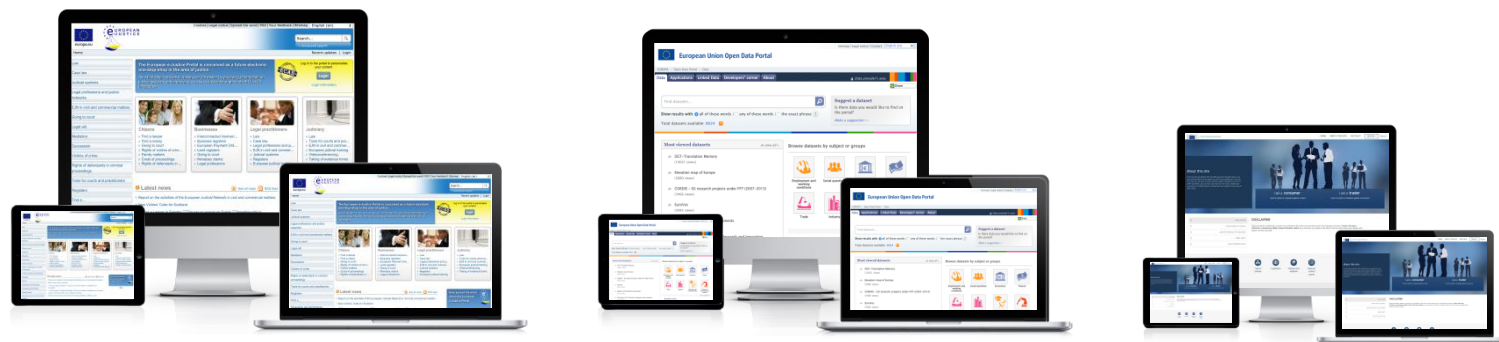
DIGITAL SERVICE INFRASTRUCTURES (DSIs)

EUROPEAN COMMISSION

MEMBER STATES

CORE SERVICE PLATFORM
(Services offered by the European Commission)

GENERIC SERVICES
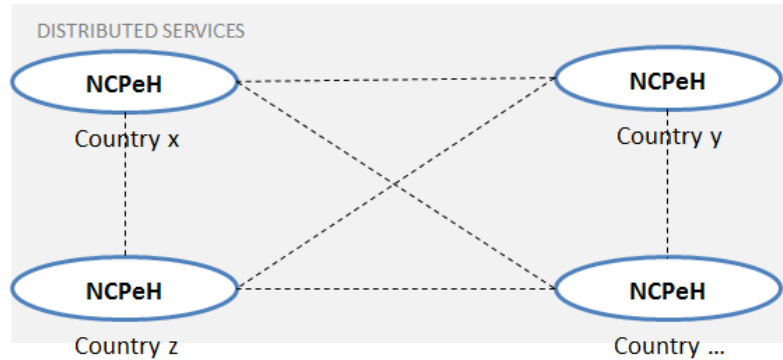(Grants for projects in the Member States)

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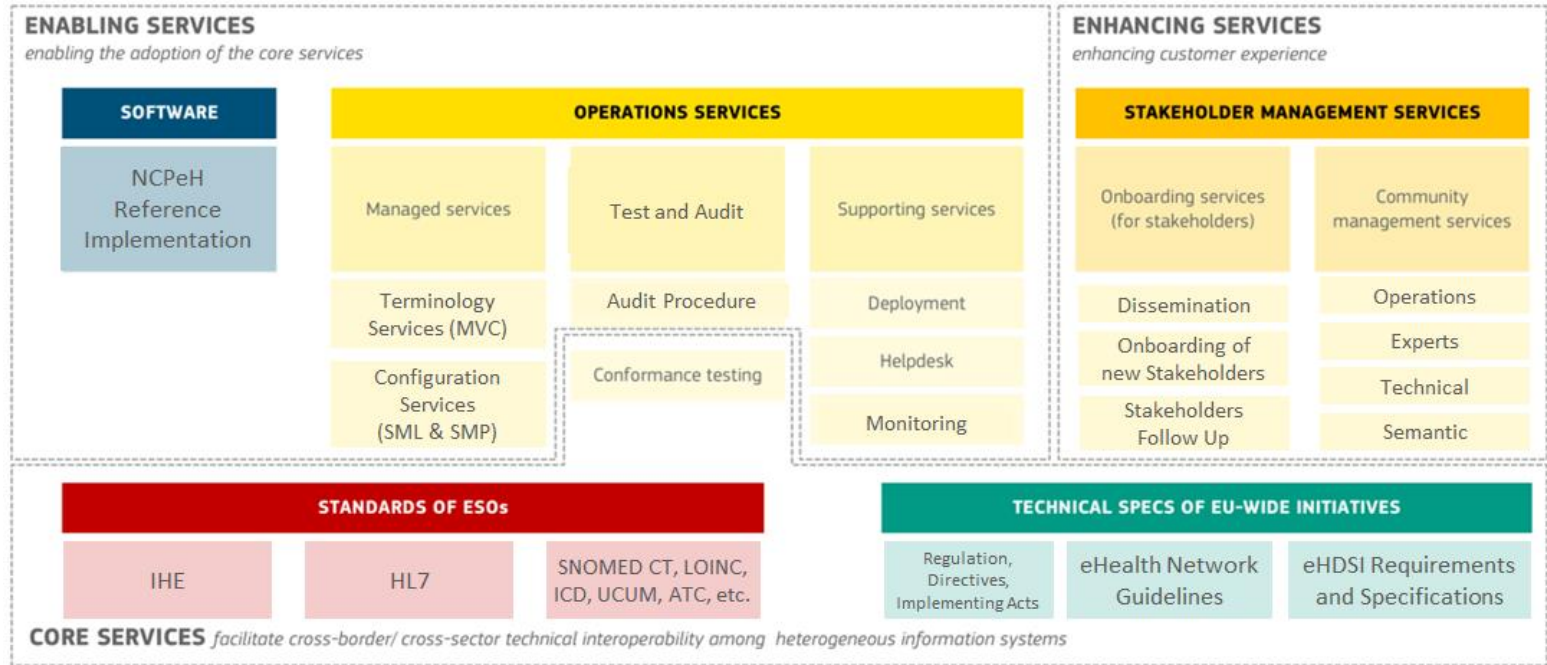
EHDSI SYSTEM ARCHITECTURE

Central Services

- 1 EU wide instance
- Configuration

NCPeH – National contact Point for eHealth

- 1 per Country
- Run-time

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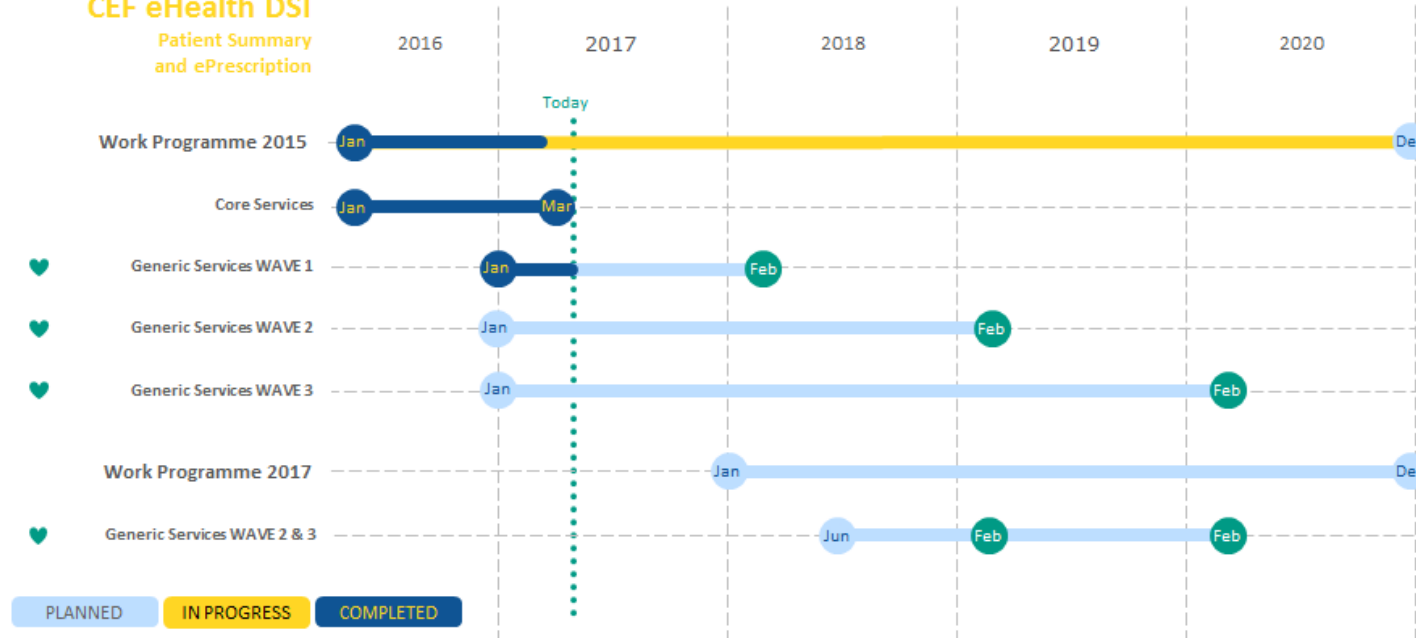
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EHDSI SERVICE OFFERING – USERS PERSPECTIVE

EHDSI TIMESCALES: **GOLIVE**

BE PART AND MAKE IT YOURS

Web Presence

- https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eHealth

Communities

- Operations https://ec.europa.eu/cefdigital/wiki/x/iT4ZAg

- Semantic https://ec.europa.eu/cefdigital/wiki/x/hj4ZAg

- Technical https://ec.europa.eu/cefdigital/wiki/x/8CEZAg

https://ec.europa.eu/cefdigital
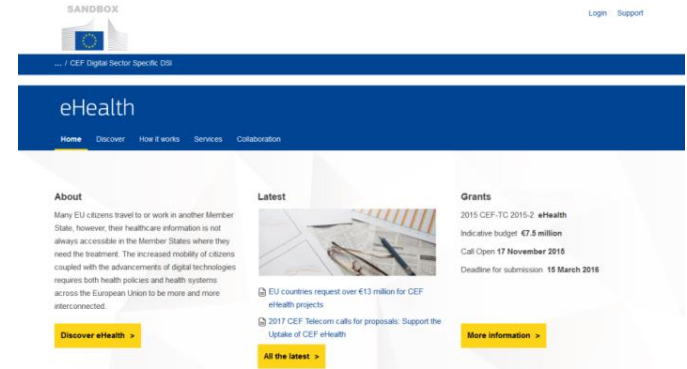
For further clarifications, please:

Contact us:

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Thank you!

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