



2.2 Strategic outlook MyHealth@EU

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eHDSI – the pipelines of MyHealth@EU

- *In co-operation with COM, MS have been collaborating since 2017 to lay the foundation of a robust and safe infrastructure for medical information exchange in the EU.*
- *This infrastructure that is now being built is to last for years – the railway needs to be sturdy enough to ensure:*
 - **Confidentiality**
 - **Integrity**
 - **Authenticity**
 - **Auditability**
 - **Non-repudiation.....of all data processed within eHDSI.**



Challenges that we are learning to master

- *Protection of personal (highly sensitive) data*
- *Secure identification/authentication of patients/healthcare professionals*
- *Technical security of the infrastructure*
- *Circle of trust between MS - one system interconnecting many national infrastructures with different legal and technical background*
- *Exchange of structured/coded data*
- *Deployment of international open standards to national and local environment*



While co-operating to make eHDSI an every-day European reality, we are learning....

-from the Commission
-from experts in the field
-from each other
-from our mistakes
-from common experiences of the eHDSI community
-from patients/health care professionals needs



Czech Republic – eHDSI impact on national level

- *Joining the eHDSI community 7 years ago has provided national healthcare a real cross-border element that was missing.*
- *Best practices and know-how – from COM as well as from other MS*
- *Technical/semantic knowledge and standardization*
- *Legal impact – NCPeH and its services in legislation*
- *National strategy – NCPeH is a steady part of the national eHealth infrastructure*
- *First service – patient summary – extremely difficult to implement, but sets the path for the services to come.*
- *Challenge – involving HPs in the proces – explaining, showing, persuading – need to change the mindset that medical data need to travel with patient.*



Luxembourg – eHDSI impact on national level

- *National eHealth platform was existing already while NCPeH was taken in place, now NCPeH is integrated part of the platform*
- *eHDSI and other EU/International specifications have influenced the specification of the national coded and structured Patient Summary*
- *Terminology Management, translations and mappings as part of the eHDSI had impact on Terminology Management on national level*
- *In terms of transactions / medical data exchange increase of usage expected when:*
 - *Neighboring MS are providing their NCPeH services*
 - *Other use-cases are supported, OrCD exchange as well seen as interesting*
- *Motivate full sector to join process – strong political support needed*



eHDSI in the future

- *With the political support and building upon the initial MyHealth@EU use cases (Patient Summary and ePrescription) and supporting infrastructure we will*
 - ✓ **Realise the additional use cases (Lab results, Medical Imaging, Hospital Discharge Reports,...) as specified by the EU Recommendation on an EU Electronic Health Record Exchange**
 - ✓ **With the build up of Primary Data through the above use cases it will enable the data for secondary use i.e. health data space**
 - ✓ **Lastly with the upcoming Patient Access use case via MyHealth@EU given digital tools and data to the EU citizens enabling person centred healthcare**
 - ✓ **All of above align to the EU's goal of Health Care in the Single Digital Market**



Questions?

Further information

eHealth Network

https://ec.europa.eu/health/ehealth/policy/network_en

All events

https://ec.europa.eu/health/ehealth/events_en#anchor0

Questions for discussions

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Questions for discussion on future of MyHealth@EU

- *Who should have access to it (healthcare professionals, patients, other categories?)*
- *On what format data should be shared ? Should one start moving towards mobile formats?*
- *What type of data should be shared? (beyond patient summaries, ePrescriptions, images, laboratory results, discharge letters)*
- *Should new services be added (eg telemedicine)?*
- *Could NCPeH support national interoperability, in addition to cross-border interoperability?*
- *How the link with other services should be ensured? (e.g. CPMS?)*
- *Should the NCPeH be allowed to be used for other purposes than only European cross-border data exchanges? (e.g. regional cross-border exchange).*