



Towards a European Health Data Space: Fostering a single market for digital health

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Agenda

1. Digital transformation of health and care
2. A common European Health Data Space (EHDS)
 1. Primary and secondary uses of health data
 2. Digital health
 3. AI in health
3. “What’s in it for my region”
4. What the future holds

Digital transformation of health and care

- Accessibility, affordability and availability of care
- Health challenges
 - Ageing population
 - Chronic diseases
 - Cancer (European Cancer Beating Plan)

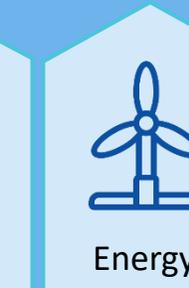
*We need to make the most of the potential of e-health to provide **high-quality healthcare and reduce inequalities**. I want you to work on the creation of a **European Health Data Space** to **promote health-data exchange and support research on new preventive strategies**, as well as on **treatments, medicines, medical devices and outcomes**. As part of this, you should ensure **citizens have control over their own personal data**.*



Mission letter of Stella Kyriakides
Commissioner for Health

A common European Health Data Space (EHDS)

Common Data Spaces



Horizontal Framework

Data Governance Act

LEVERAGING THE POTENTIAL OF DATA FOR THE ECONOMY AND SOCIETY

Pillar 1: Re-use of sensitive data held by public sector bodies

Pillar 2: Framework for new data intermediaries in the Single Market: Data brokers

Pillar 3: Framework for data altruism

Pillar 4: Co-ordination and interoperability: European Data Innovation Board (expert group)

A common European Health Data Space (EHDS)

- EHDS: Health Data + Digital Health + AI in health
 1. **Health data exchange** (governance, privacy, quality, portability and access to data, infrastructures, interoperability)
 2. A single market for **digital health services and products**
 3. Clear **rules** fit for **developing and deploying** data-intensive digital health services and products, including AI in health
- In combination with other horizontal initiatives
- Inception impact assessment available in [Have your say](#) (feedback period closed on 03/02)

A common European Health Data Space (EHDS)- challenges

Access to health data for healthcare in cross-border context

- Insufficient **health data exchange** negatively impacts on the provision of healthcare services (primary use of health data)
- Exercising access and **control over their own health data** is often difficult for citizens

Access to health data for secondary purposes (research, policy making)

- Low **re-use of health data for research and policy making**
- **Cross-border access rules to health data** for secondary purposes are unclear and cumbersome
- **Fragmented infrastructures** for data use in research and policy making

Limited free movement of digital health services (e.g. tele-health, m-health)

There is **fragmentation of digital standards and limited digital interoperability** between healthcare systems

Challenges related to **assessing of digital health products/services** (benefits, risks)

Development and deployment of AI in health care

- **Knowledge gaps** and **difficult access** to health data for AI development
- **Uncertainty** on AI liability in health

Primary and secondary uses of health data



MyHealth@EU: Cross-border infrastructure for healthcare provision



My Health @ EU
eHealth Digital Service Infrastructure
A service provided by the European Union

Doctor access to foreign citizen Patient Summary

Patient Summary

Used while traveling abroad and being in necessity of consulting a doctor in that country.

Provides information on important health related aspects such as your allergies, current medication, previous illness, surgeries.

Helps doctors to formulate an adequate treatment, avoid some possible risk (for instance in case of allergy) and overcome linguistic barriers.

[eHealth Network Patient Summary guidelines, including minimum dataset](#)



MyHealth@EU: Cross-border infrastructure for healthcare provision



My Health @ EU
eHealth Digital Service Infrastructure
A service provided by the European Union

Patients access to ePrescriptions abroad

Electronic prescription in Europe – a Finnish patient purchasing medication in a pharmacy abroad



ePrescription

allows citizens in Europe to retrieve their medication in a pharmacy located in another European country without having to bring the printed prescription and without being concerned about the language barrier.

[eHealth Network ePrescriptions and eDispensation guidelines](#)

“What’s in it for my region?”

- Access to new data sources, unlocking the value of health data
 - For **healthcare, policy-making and research**
- **Several levels of implementation**
 - **Digitisation** at healthcare provider level and **interoperability** are key
- Digital Innovation Hubs and smart specialisation strategies
 - To foster innovation in digital health
- Importance of making the most of the **recovery funds**
 - In combination with **other instruments** (EU4Health, Digital Europe Programme)

Electronic prescription in Europe – a Finnish patient purchasing medication in a pharmacy abroad



What the (short-term) future holds

- **Legislative proposal** on the European Health Data Space in 2021
 - Proposal on Data Governance Act (already published)
 - Inception impact assessment feedback closed in Q1 2021 ([Have your say](#))
 - Open public consultation in Q1/Q2 2021
- Cooperation with Member State stakeholders in the **Towards a European Health Data Space (TEHDaS)** Joint Action

Thank you



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