



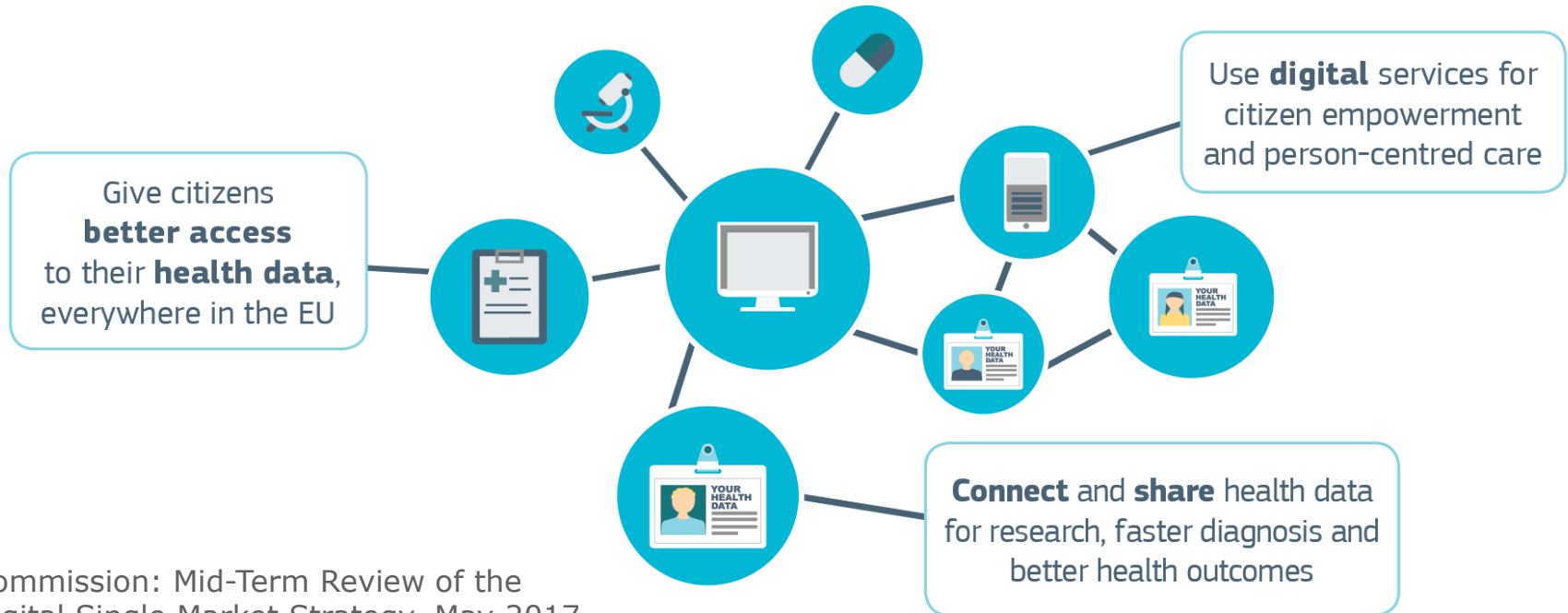
European Health Data Space

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3 June 2020 - Brussels, Belgium



Health Priorities in the Digital Single Market Strategy



Commission: Mid-Term Review of the Digital Single Market Strategy, May 2017



*“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*

European Health Data Space



- Adopted in February 2020
- Announced work on sectoral Common Data Spaces

Common European data spaces

Rich pool of data
(varying degree of
accessibility)

Free flow of data
across sectors and
countries

Full respect of GDPR

Horizontal
framework for data
governance and data
access



Health



Industrial &
Manufacturing



Agriculture



Finance



Mobility



Green Deal



Energy



Public
Administration



Skills

- Technical tools for data pooling and sharing
- Standards & interoperability (technical, semantic)
- Sectoral Data Governance (contracts, licenses, access rights, usage rights)
- IT capacity, including cloud storage, processing and services



European Health Data Space

What?

Use of health data for:

- **Better healthcare**
- **Better policy making**
- **Better research and innovation**

How?

4 pillars of action:

- *Data governance and rules*
- *Data quality and interoperability*
- *Infrastructure and technology*
- *Capacity building*

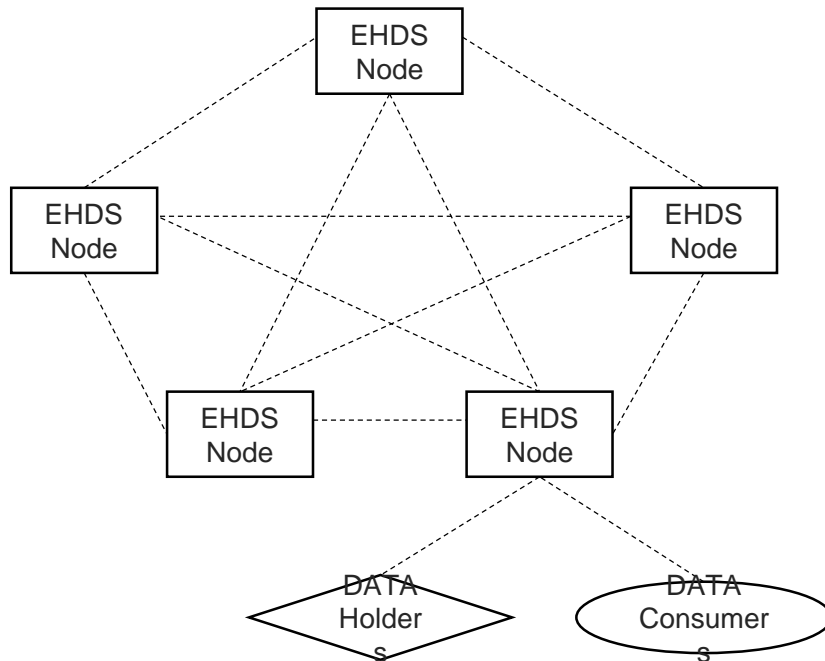


Matrix of the EHDS

	Governance	Quality of Data	Infrastructure	Capacity building
Better Healthcare	Legislative and non-legislative measures on governance and rules for primary and secondary use of data, respecting GDPR Free movement of digital health services AI framework/ White paper (incl AI&liability)	Uptake and develop the EEHRxF FAIR-ification of health data for primary and secondary use	MyHealth@EU ERN-CPMS 1+mil genomes Darwin (regulators) Link different repositories (eg registries: cancer, ERN, transplantation, other national databases) Images database Research infrastructures	Digitalisation of healthcare systems NCPeH Tele-health AI Digital skills
Better Policy Making				
Better Research and Innovation				



EHDS concept



EHDS nodes = *Trust Anchors*

EHDS NODEs are resilient entry points for stakeholders into the EHDS

EHDS NODEs can be established by National or Trans-national stakeholders

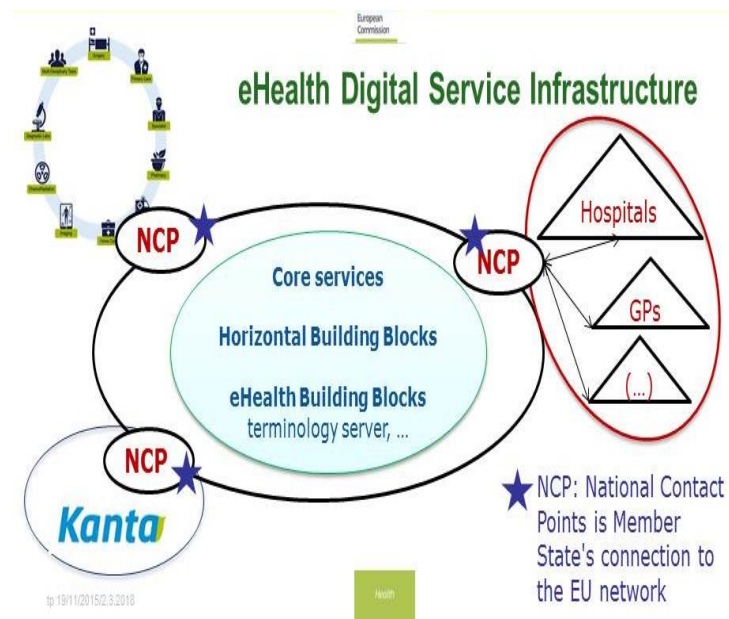
EHDS NODEs follow common policies and interoperability specifications

DATA Holders make health data available for secondary use

DATA Consumers further process data for research, policy making or regulation



Digital tools and infrastructures





EU4Health programme for a healthier and safer Union

- Commission Proposal adopted on 28 May 2020
- Building on the lessons learned from the COVID-19 crisis, EU4Health is an ambitious and dedicated funding programme for 2021-2027 to build resilient health systems in the EU to better equip us for the future.
- Specific objectives: “...*(4) strengthen the effectiveness, accessibility, sustainability and resilience of health systems, **including by supporting digital transformation, the uptake of digital tools and services, systemic reforms, implementation of new care models and universal health coverage, and address inequalities in health***”
- Initial proposed budget EUR 9.4 billion, European Council of July 2020 reduced to EUR 1.67 billion
- Negotiations in the European Parliament and the Council ongoing



Towards European Health Data Space

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