



Digital Health and Artificial Intelligence

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Digital Transformation of Health and Care

2018 Communication on enabling the digital transformation of health and care in the Digital Single Market: empowering citizens and building a healthier society (COM(2018)233)

1. Secure access to and sharing of citizens' health data

- new Commission Implementing Decision on eHealth Network
- Commission recommendation on EHRxF
- eHDSI (Patient summaries, ePrescriptions)
- Support MS collaboration on cross-border exchanges of health data

Digital Transformation of Health and Care

2. Better data for research, prevention and personalised health and care

- Mechanism for the voluntary coordination to share data for prevention and personalised medicine research (“1 Million Genomes Declaration”)
- Support development of technical specifications for secure access and exchange of genomic and other health data sets for research purposes (rare disease registries)
- Pilot actions, pooling data and resources (ERN virtual panels)

3. Strengthening citizen empowerment and person-centred care through digital tools

- Increased funding for digital health proposed under the new MFF (Digital Europe Programme, Horizon Europe, ESF, ERDF...)
- Investment Guidelines adopted by eHealth Network



Towards the creation of a European Health Data Space

“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.”

(President-elect von der Leyen’s Mission Letter to Commissioner Designate for Health, 10 September 2019)



European
Commission

The Way Forward

Artificial Intelligence
(ethical issues, safety,
liability)

Access to health data
(incl. data protection
compliance)

Interoperability

Prevent new health
inequalities

(Cyber-) security

Address regulatory
gaps and barriers

The active engagement of all parties is essential to succeed in creating a “triple win” that benefits people, health systems and the market.