



The European Commission's eHealth Plan – 'Towards a common European data space'

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Digital Single Market Strategy (May 2015)

- The European Commission has **placed digital at the core of its strategy**, by setting the Digital Single Market as **one of its 10 priorities**
- The aim is to **open up digital opportunities** for people and business and to make the EU's single market **fit for the digital age**



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Commission Communication of 25 April 3 Priority areas on digitising Health and Care

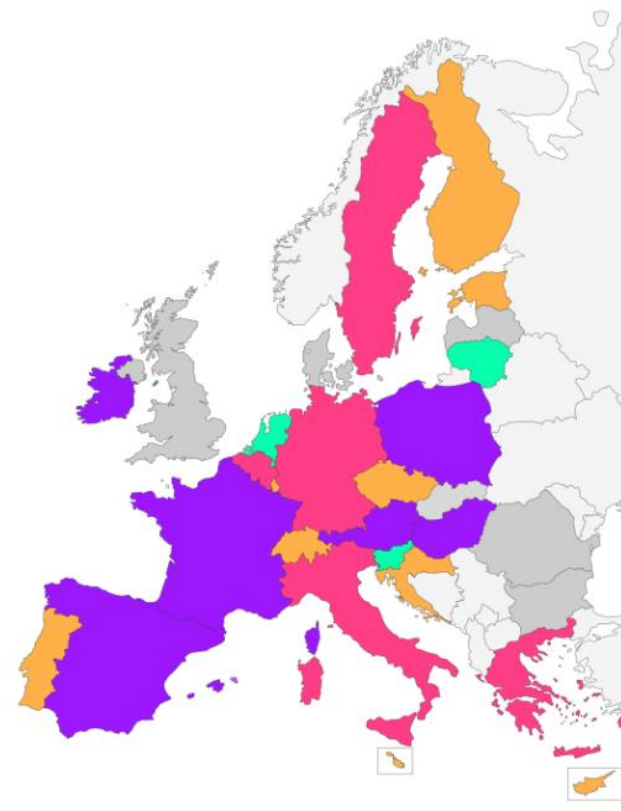


Pillar 1:

Citizens' access and sharing of their data

- *Progressive exchange of e-prescriptions and patient summaries across EU Member States*
- *Increased interoperability of Electronic Health Records*
- *Implementing Decision and Commission Recommendation*

eHealth Digital Health Service Infrastructure - building cross-border exchange



- *Clarify basis for the eHealth DSI*
- *Create new services:*
 - *Exchange of electronic health records*

Pillar 2:

Connected health data to advance research, prevention and personalized health and care

- *Decentralised European Infrastructure to federate access to health data*
- *Voluntary participation of Member states*
- *1 Mio genomes Declaration signed by 16 Member States*
- *Pilot actions for rare and infectious diseases, and real world data*



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Digital Day 2



**Digital Day one year after:
Investing together in the future**



**Joining forces and data to
personalise healthcare**



**Paving the way for the EU
Artificial Intelligence Initiative**



**Blockchain Partnership
Initiative**



**Digital transformation:
Investing in the future of Europe**

#Digitalhealth

Declaration on 1 million sequenced genomes

- *Signed by 16 Member States*
- *Work together towards research cohort of at least 1 million sequenced genomes accessible in the EU by 2022*



- ***Non-centralised network access to genomics data-sets created at national and regional levels***
- ***Commission will support and facilitate, including funding from Horizon 2020 and CEF programmes***

Pillar 3:

Digital tools to foster citizen empowerment and person-centred care

- *Facilitate the wide deployment of digitally-enabled services*
- *Promote common principles for validating and certifying health technology*
- *Capacity building and technical assistance for health authorities*
- *Mobilising investment to support large-scale implementation of digitally enabled, integrated, person-centred care models*

Digital Health and Care



TRANSFORMATION OF HEALTH AND CARE IN THE DIGITAL SINGLE MARKET - Harnessing the potential of data to empower citizens and build a healthier society

European health challenges

- ⊗ Ageing population and chronic diseases putting pressure on health budgets
- ⊗ Unequal quality and access to healthcare services
- ⊗ Shortage of health professionals

Potential of digital applications and data to improve health

- ✂ Efficient and integrated healthcare systems
- ✂ Personalised health research, diagnosis and treatment
- ✂ Prevention and citizen-centred health services

What EU citizens expect...

90% agree To access their own health data (requiring interoperable and quality health data)

80% agree To share their health data (if privacy and security are ensured)

80% agree To provide feedback on quality of treatments

Support European Commission:

1 Secure access and exchange of health data



Ambition:

Citizens securely access their health data and health providers (doctors, pharmacies...) can exchange them across the EU.

Actions:

- eHealth Digital Service Infrastructure will deliver initial cross-border services (patient summaries and ePrescriptions) and cooperation between participating countries will be strengthened.
- Proposals to extend scope of eHealth cross-border services to additional cases, e.g. full electronic health records.
- Recommended exchange format for interoperability of existing electronic health records in Europe.



Updated: 24/04/2018

2 Health data pooled for research and personalised medicine



Ambition:

Shared health resources (data, infrastructure, expertise...) allowing targeted and faster research, diagnosis and treatment.

Actions:

- Voluntary collaboration mechanisms for health research and clinical practice (starting with "one million genomes by 2022" target).
- Specifications for secure access and exchange of health data.
- Pilot actions on rare diseases, infectious diseases and impact data.

3 Digital tools and data for citizen empowerment and person-centred healthcare



Ambition:

Citizens can monitor their health, adapt their lifestyle and interact with their doctors and carers (receiving and providing feedback).

Actions:

- Facilitate supply of innovative digital-based solutions for health, also by SMEs, with common principles and certification.
- Support demand uptake of innovative digital-based solutions for health, notably by healthcare authorities and providers, with exchange of practices and technical assistance.
- Mobilise more efficiently public funding for innovative digital-based solutions for health, including EU funding.





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Thank you!



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DG Health and Food Safety

http://ec.europa.eu/health/ehealth/policy/index_en.htm

DG Connect

<http://ec.europa.eu/digital-agenda/en/eu-policy-ehealth>