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

Katja Neubauer
Senior expert DSM and eHealth
European Commission – DG Health
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
Commission Communication of 25 April
3 Priority areas on digitising Health and Care

Give citizens better access to their health data, everywhere in the EU

Use digital services for citizen empowerment and person-centred care

Connect and share health data for research, faster diagnosis and better health outcomes
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
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.

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.

#DigitalSingleMarket #DigitalHealth #eHealth_EU #EU_Health
Thank you!

Katja Neubauer@katja_neubauer
DigitalSingleMarket@DSMeu
EU_Health@EU_Health

DG Health and Food Safety

DG Connect