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.