



The Digital Transformation of Health and Care

The MedTech Forum 2019

*16 May 2019
Paris, France*



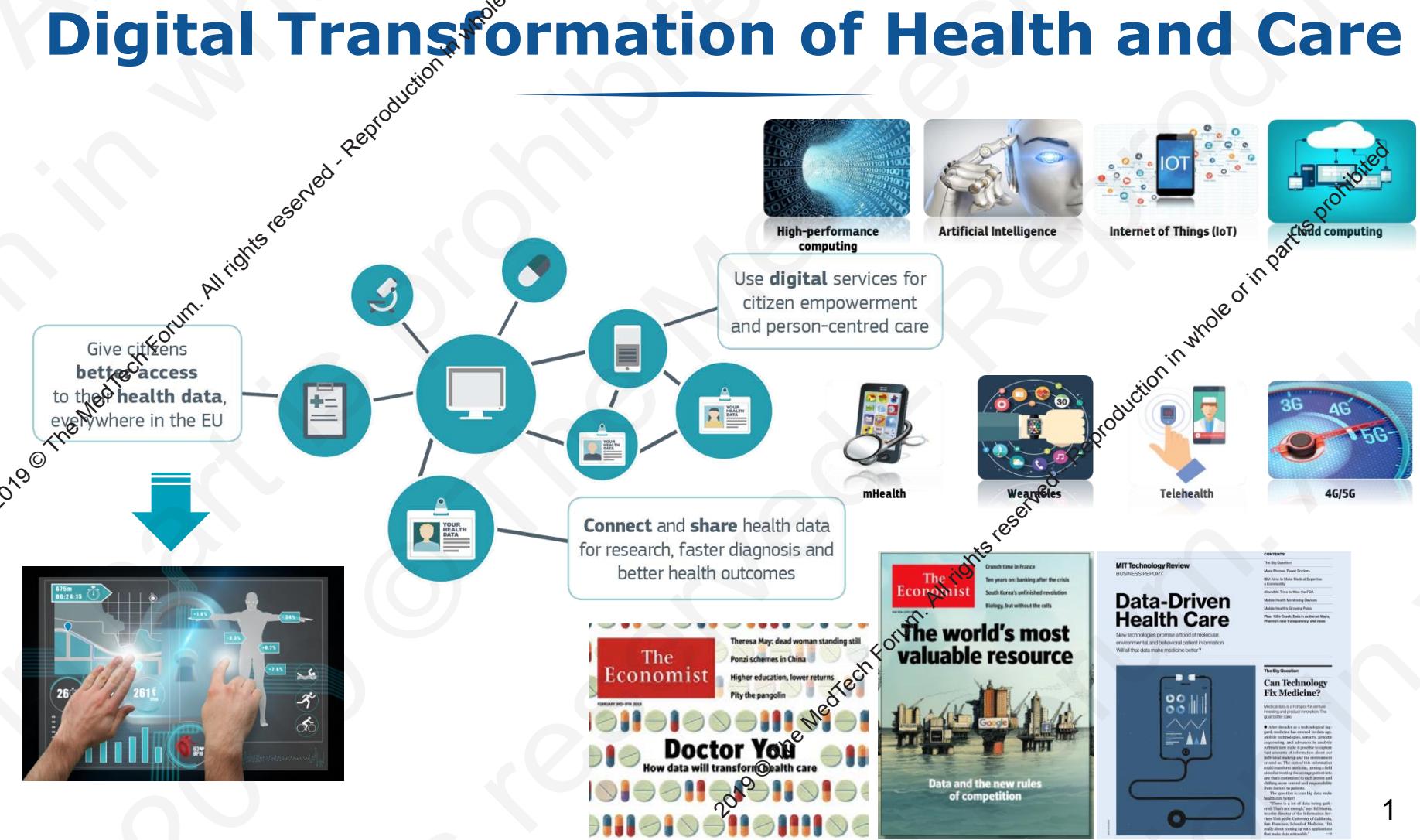
Marco MARSELLA - Head of Unit

**European Commission
DG CONNECT – Communications
Networks, Content and Technology
Unit H3 – eHealth, Well-being & Ageing**

HORIZON 2020

2019 © The MedTech Forum. All rights reserved - Reproduction in whole or in part is prohibited

Digital Transformation of Health and Care





The eHealth Digital Service Infrastructure (eHDSI)

Exchange of patient data across borders

- **Patient Summary** provides access to health professionals to verified key health data of a patient during an unplanned care encounter while abroad
- **ePrescription** enables patients to receive equivalent medication while abroad to what they would receive in their home country



Recommendation - European Electronic Health Record exchange format

A framework for the further development of a European EHR exchange format

- Principles** governing the access to and exchange of EHRs across borders
- Common technical specifications** for the cross-border exchange of data
- Joint Coordination Process** for the development of the European EHR format

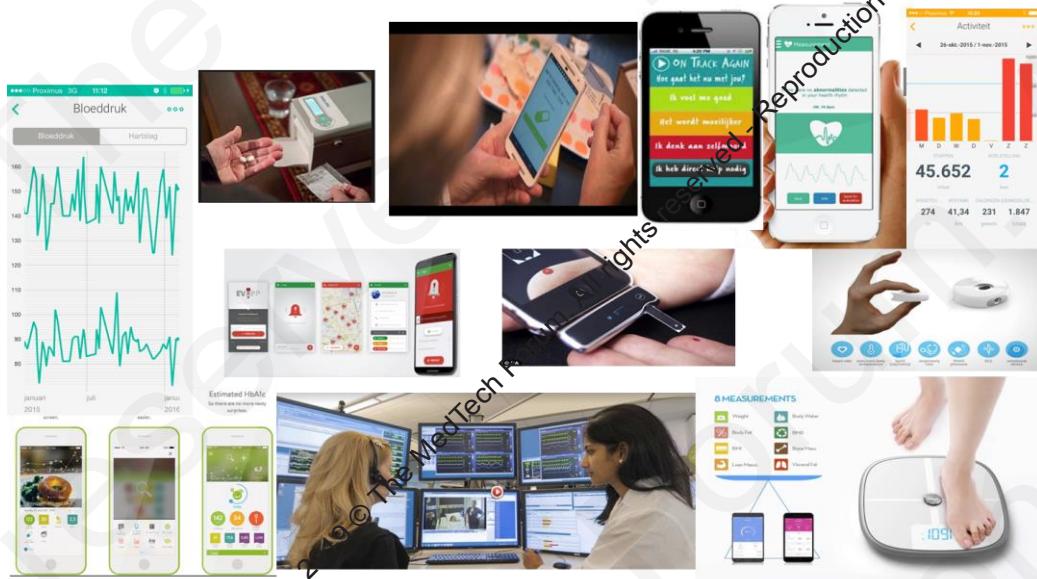
Declaration on linking genomic databases across borders: "**Towards access to 1 million Genomes in the EU by 2022**"



- Signed on 10 April 2018 during **Digital Day 2018**
- Access to be provided in a **federated network** of genomic datasets at national / regional level
- Member States driven initiative supported by the European Commission
- **20 EU countries** that have already signed the Declaration
- Will facilitate research and development of more personalised treatments

Digital tools to foster citizen empowerment and person-centred care

- Deployment of digital services, capacity building
- Mobilise investments - local, regional, national, EU



New MFF 2021-2027



*Digital Europe Programme
and Connecting Europe Facility*



Horizon Europe



*European Social Fund +
and European Globalisation
Adjustment Fund*



*European Regional
Development Fund*



InvestEU Programme

2019 © The MedTech Forum. All rights reserved. Reproduction in whole or in part is prohibited

Horizon Europe: evolution not revolution

Specific objectives of the Programme

Support the creation and diffusion of high-quality knowledge

Strengthen the impact of R&I in supporting EU policies

Foster all forms of innovation and strengthen market deployment

Optimise the Programme's delivery for impact in a strengthened ERA



Pillar 1 Open Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures



Pillar 2 Global Challenges and Industrial Competitiveness

- Clusters
- Health **7,7 BEur**
 - Inclusive and Secure Society
 - Digital and Industry
 - Climate, Energy and Mobility
 - Food and natural resources

Joint Research Centre



Pillar 3 Open Innovation

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Strengthening the European Research Area

Sharing excellence

Reforming and Enhancing the European R&I system

Health cluster: Six main areas of intervention



Health throughout
the Life Course



Environmental and Social
Health Determinants



Non-communicable
and Rare Diseases



Infectious diseases



Tools, Technologies
and Digital Solutions
for Health and Care



Health Care Systems

Investing in the future: Digital Europe Programme

Digital transformation & Interoperability

1.3 € billion

Advanced
digital skills
0.7 € billion

€ 9.2 billion
in total

High performance
computing
2.7 € billion

Artificial
intelligence
2.5 € billion



Cybersecurity
& trust
2 € billion

#EUBudget
#DigitalEurope



10
European
Commission



Thank you!

@eHealth_EU
@DSMeu

- eHealth: <https://ec.europa.eu/digital-single-market/en/policies/ehealth>
- R&D&I: <http://ec.europa.eu/horizon-europe>
- EU future budget: http://ec.europa.eu/budget/mff/index_en.cfm
- Digital Programme: http://europa.eu/rapid/press-release_IP-18-4043_en.htm