EU Strategy for Digital Transformation in Cross-Border Healthcare

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#digital transformation in
#healthcare #EU

#ECRDVienna
#ERNeu #RareDiseases

Commissioner Andriukaitis's message to ECRD 2018

"*It is virtually impossible to help people with rare diseases without collaboration. The rare disease patients, caregivers and researchers know it first-hand. This is why I find it very worthy that it is in the centre of the discussion at the ECRD 2018.*"

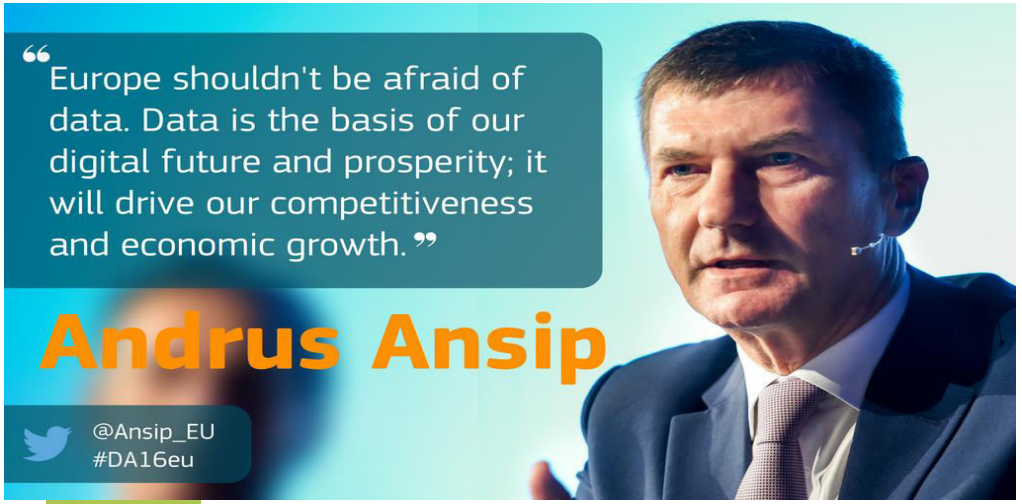
Vytenis Andriukaitis, European Commissioner for Health and Food Safety

Health Priorities in the Digital Single Market Strategy

Commission: Mid-Term Review of the Digital Single Market Strategy, May 2017

Does Europe need a 5th freedom - free movement of data? Read the latest speech by @Ansip_EU on #EUdataFF http://bit.ly/2dJinIQ #digirev

DigitalSingleMarket
@DSMeu



Council Conclusions on Health in the Digital Society, 8 December 2017

- Data-driven tools for **healthcare services** and sustainable health systems
- Implementation of **existing EU legislation** on the protection of personal data, electronic identification and information security
- Building on initiatives under the **Digital Single Market Strategy**: European Cloud Initiative, EuroHPC and European Open Science Cloud
- Improving **access to larger European datasets**, longitudinal data and world-class high performance computing infrastructure

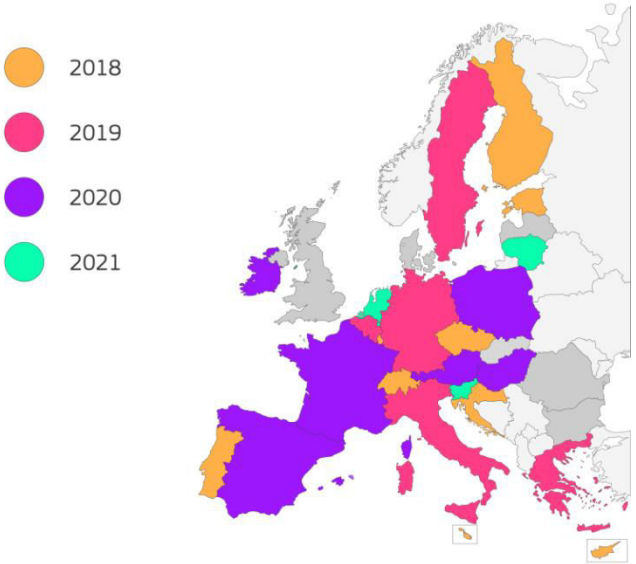
Commission Communication COM (2018) 233

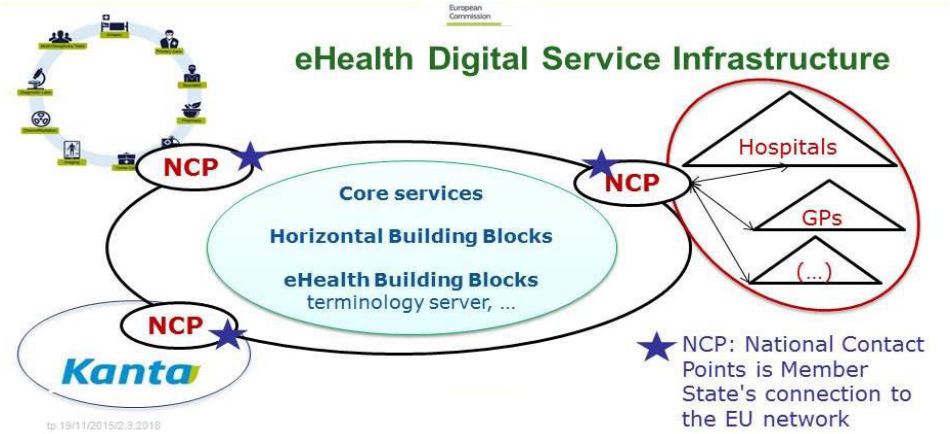
- Digital transformation of health and care
- in the Digital Single Market
- empowering citizens and building a healthier society

1. Citizens' secure access to and sharing of health data

Health

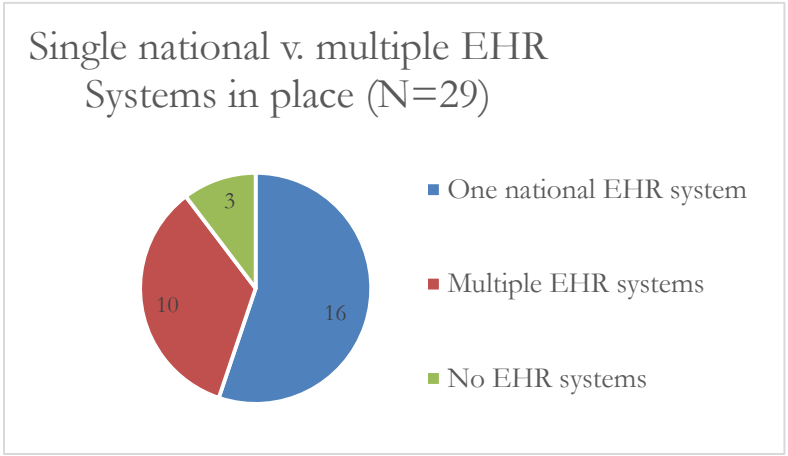
eHealth DSI builds cross-border exchange

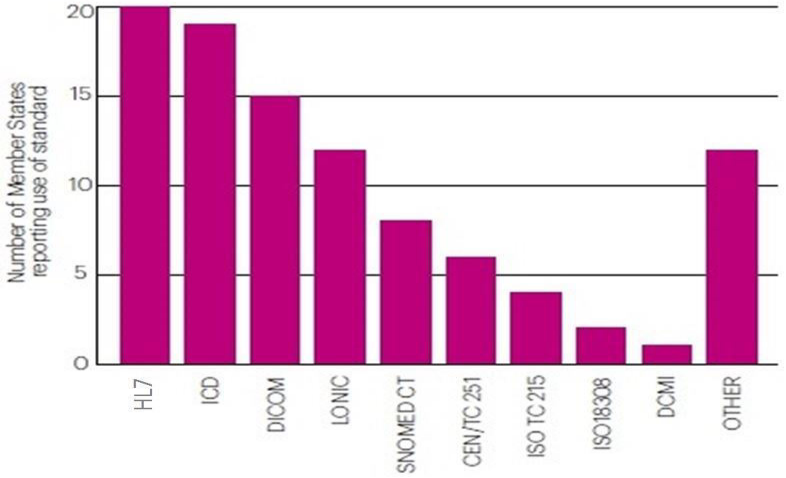




PROPOSED EU ACTION

Clarify basis for the eHealth DSI and create new services, such as exchange of electronic health record





PROPOSED EU ACTION

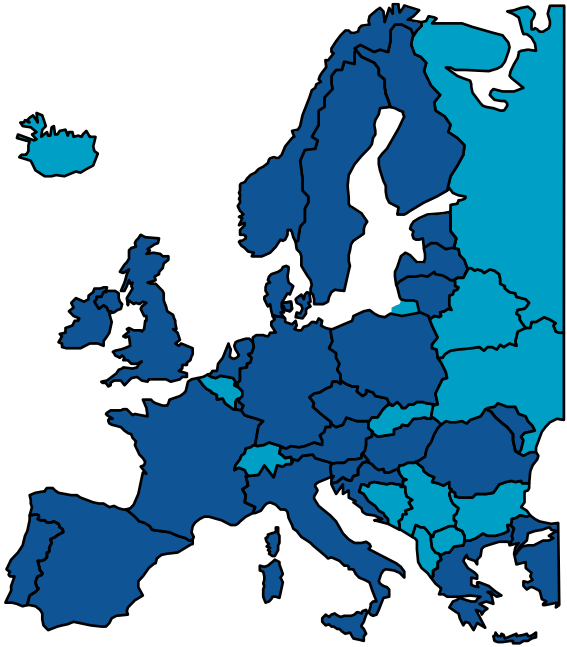
Enable Citizen access and ability to use health data securely across-borders through the European electronic health record exchange format

2. Better data to promote research, disease prevention and personalised health and care

Health

International Consortium for Personalised Medicine

- 41 partners from 28 countries; 11 health and 6 science ministries
- Policy orientation for PM research
- Paving the way for PM approaches to reach health care systems and citizens



Real World Data

Clinical decision making

Regulatory decision making: clinical and market access development plans

HTA: relative effectiveness

HTA: health economic models for PM

HTA: Health Economic Evaluation

Synthesis from H2020, IMI1, IMI2 BD4BO, others

Global Personalised Medicine Initiatives (Genomic data)

China
100 million genomes and € 7.9 billion planned investment

United States
1 million genomes and € 3.8 billion planned investment

PROPOSED EU ACTION

1 million genomes by 2022 accessible through a secure data infrastructure *privacy and security by design*

France
235.000 genomes

UK
100.000 genomes

Estonia
Planned 50.000 genomes

Denmark

Finland

European Commission

2018 | DIGITAL DAY APRIL 10th

Declaration on 1 million sequenced genomes

- Signed by 16 Member States
- Agree to work together towards building a research cohort of at least 1 million sequenced genomes accessible in the EU
- By 2022
- Access through a federated (non-centralised) network to genomics data-sets created at national and regional levels
- Commission will support and facilitate, including funding form Horizon 2020 and CEF programmes

3. Digital tools for citizen empowerment and for person-centred care

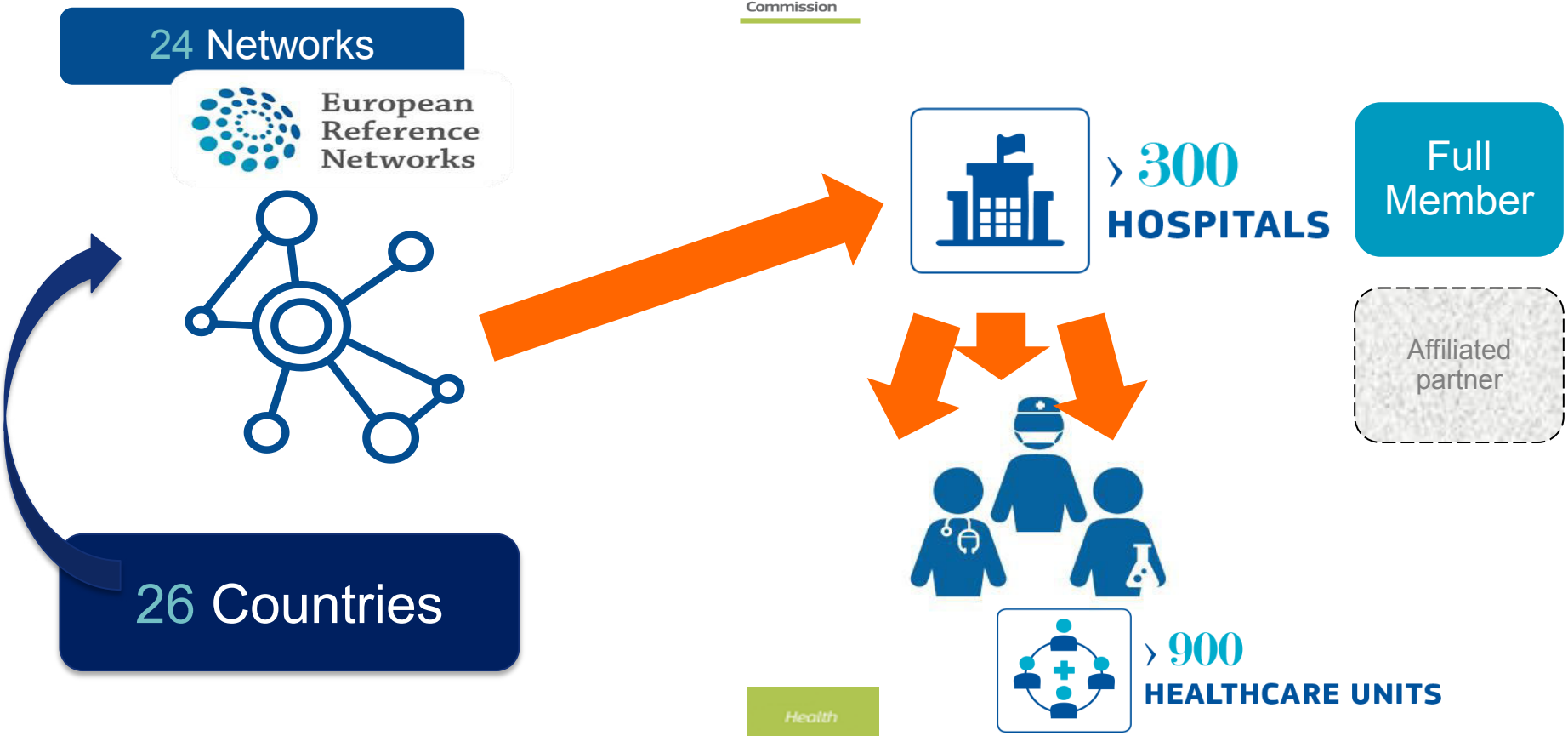
Health

European Commission

Cross-Border Possibilities to Help Patients

European Reference Networks

Health


24 Networks
European Reference Networks
26 Countries
› 300
HOSPITALS
Full Member
Affiliated partner
› 900
HEALTHCARE UNITS

Tapani Piha
@tapani_piha

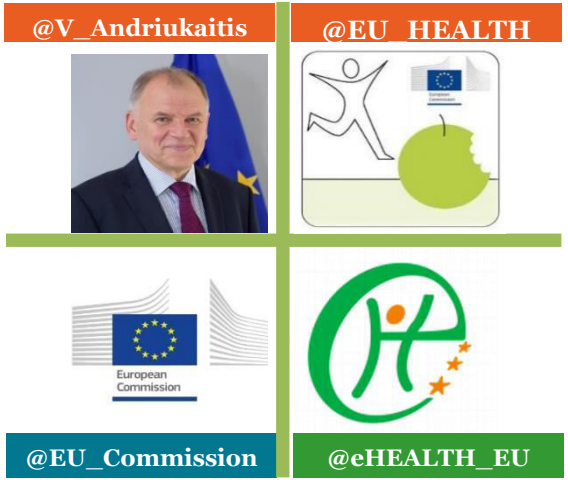
@V_Andriukaitis says #EU Reference Networks #telemedecine solution can lead to new ecosystem nationally and in EU @EU_Health @EU_eHealth

6:10 AM - 17 Oct 2017 from Tallinn, Estonia

Conclusions

Health

Conclusions



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