



EHEALTH FOR TRIPLE WIN

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The challenges...



- Ageing population
- Increased disease burden
- Unsustainable and unequal health & care systems
- Health & care sector under pressure to reform
- Single market: still not reaching its full potential

EHR4CR contribution to a triple win

- Better care for patients
- Improved efficiency of clinical research and hospital work
- Economic benefits from developing commercially supported services
- ✓ Meets the EU vision that eHealth will contribute to addressing the challenges
- ✓ Demonstrates the contribution of IMI project and EHR4CR to reaching EU objectives

Better care for patients and efficiency of health systems

- "Fostering a spirit of innovation in eHealth in Europe is the way forward to ensure better health and better and safer care for EU citizens", eHealth Action Plan 2012
- "A radical redesign of health is needed to meet these challenges, integrating health and social care services configured around the needs of the patient. Technology can help health systems to respond to these challenges, by delivering greater efficiency, lower costs and better health outcomes", eHealth Task Force report.

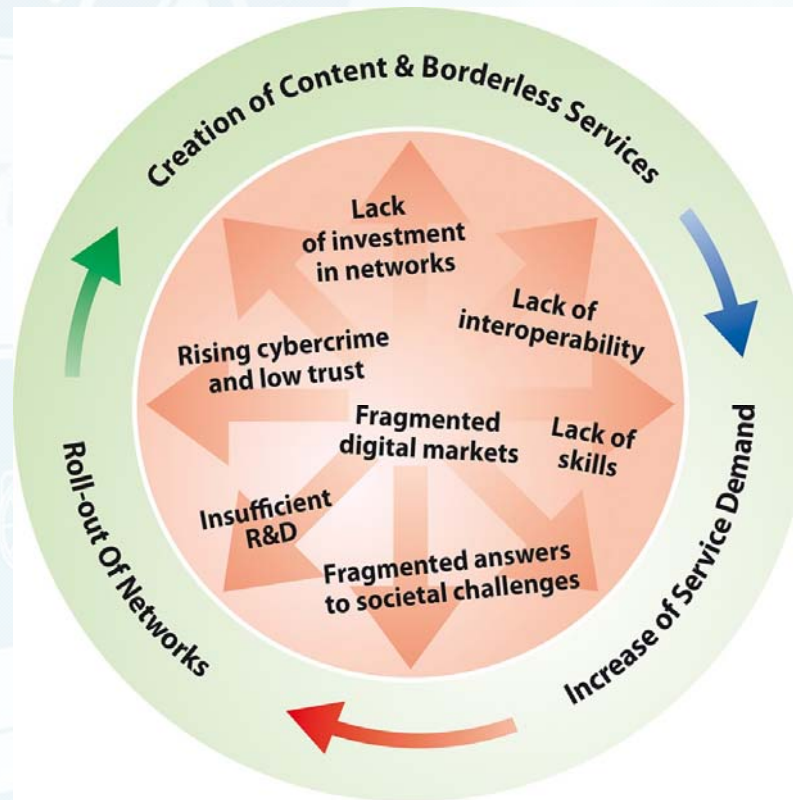
EU level actions to improve clinical research and hospital work

- Data Protection Regulation proposal with specific provisions on health data:
 - **Processing of personal data concerning health (Article 81)**
 - Permissible within the limits of the Regulation on the basis of Union law or Member State law for:
 - preventive or occupational medicine, diagnosis, treatment etc. or the management of health-care services by authorised health professionals under secrecy obligation
 - reasons of public health interest
 - other reasons of public interest
 - **Processing for historical, statistical and scientific research purposes (Article 83)**
 - Pseudonymisation is required

Towards a single digital market in 2020

Interoperability is a key requirement of the single digital eHealth market

...but also for continuity of care...



Source: Digital Agenda for Europe (http://ec.europa.eu/information_society/digital-agenda/)

Achieving wider interoperability of eHealth services

- Study on the eHealth Interoperability Framework (July 2013)
- eHealth Network Work Programme (being revised) 4 chapters
 1. Interoperability and standardization
- EU R&I programmes
 - CIP-FP7 projects: SemanticHealthNet, epSOS, Antilope, EXPAND, eSens...
 - Horizon 2020 (call 1 – PHC34 eHealth Interoperability)
- ICT Standards Multi-Stakeholders Platform
 - Identification of interoperability specifications
 - 26 IHE profiles currently being assessed
- Connecting Europe Facility deployments
 - To facilitate cross border exchange of health data, also for research purpose

Towards a single eHealth market

- Global telemedicine market
 - 18,6% growth rate to reach 27,3 Billion€ in 2016
- mHealth
 - EU market to reach 6,9B US\$ in 2017
 - 15% of overall deployments today are about efficiency of healthcare workforce and systems
 - could potentially save a total of €99 billion in healthcare costs in the EU
 - will generate even more health data which could be reused for clinical research
- eHealth deployments will also contribute to growth and creation of new smart jobs

Thank you!

Patients
Health Care
Hospital
Physician
Clinical Research
Service Providers

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Electronic Health Records for Clinical Research