THE EUROPEAN INSTITUTE FOR INNOVATION THROUGH HEALTH DATA

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President
Common challenges to the use of health data for person-centred care, and the reuse of health data for clinical research

- Data security, privacy & ethics
- Interoperability
- Data quality and utility
- Scalability and sustainability
In the last 5 years, more scientific data has been generated than in the entire history of mankind. 90% of the data in the world today has been created in the last 2 years.

Global Electronic Health Records Market expected to reach USD 29.81 billion by 2022.

44 million health related smartphone apps were downloaded worldwide in 2011.

Monitoring services will account for 65% of the global mHealth market by 2017.

Busy junior staff... need data quality incentives... and more investment in training.

EHR systems need to improve... clinical collaboration, and... patient-centred care.

Reimbursements need to incentivise the procurement of quality labelled EHR systems and personal health apps.

A culture that puts health data to good use, for clinical decisions, health service management, commissioning and reimbursement, population health and research, patient empowerment.

Complete Accurate Faithful Consistent Computable Provenanced Interoperable Shareable Trustworthy

Disease registries Electronic health and care records Claims databases

Cohort studies and biobanks Personal health records Clinical trials data, electronic case report forms

Mobile health apps Wearable sensors Geo-sensors Air quality

Social networks Lab on a chip Climate
i~HD aims to foster that culture

- Healthcare providers and provider organisations
- Clinical and biomedical research companies
- Health data aggregators & consumers
- Multi-national decision makers
- Citizen and patient associations
- Health system payers, commissioners
- Scientific centres, Reference Networks
- ICT vendors and SDOs

Bringing stakeholders together to share learning, agree common priorities, develop enablers, work towards a convergence of best practices
Organisational governance

President
Vice President
Treasurer

Executive Board
14 elected members
plus
coop- opted observers as needed

President elects
Vice President
Treasurer

Director
Secretary (CEO)
plus
Administrative staff
dealing with:
supporting the committees,
meetings and events
reports, finance, communications
infrastructure

Endorses

citizen and patient
associations

Healthcare providers
and funders

Clinical and biomedical
research companies

Health data
consumers

ICT vendors
and SDOs

Scientific
(academic) centres

EuroRec
Institute

Centres of Excellence
Research Use of Health Data
Semantic interoperability
plus
Advisory Boards

Elects

Representing the Institute
and legally responsible

Reports to

Nominates

General Assembly

Reports to

Reports to
Enabling value from the use of health data

Value to healthcare

Value to patients and to society

Value to research

Develop value assessment programmes, to demonstrate:

• outcomes evidence to improve care
• faster and more efficient clinical research
• better information for public health decisions
• improved quality of EHR data
• good practice in privacy protection
• positive patient and societal acceptance

towards
a more value-driven outcomes-focused learning health ecosystem

Grow a Network of Excellence

Promote and collaborate globally