



Innovation in eHealth


European Commission Policy Agenda

Pēteris Zilgalvis, J.D.
Head of Unit, ICT for Health
DG Information Society and Media
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ICT for Health

Achieving a transparent and innovative market where competition will give us better quality, secure eHealth systems and services at a lower price for the benefit of the end user.



Defining the scope of eHealth

- Clinical information systems**
 - Specialised tools for health professionals within care institutions
 - Tools for primary care and/or for outside the care institutions
- Telemedicine systems and services**
- Regional/national health information networks**
including electronic health record systems and associated services
- Secondary usage / non-clinical systems**
 - Systems for medical education, research, public health
 - Health education and health promotion of patients/citizens



EC instruments to make eHealth reality!

Mix of policy and research activities:

- Research instrument:
 - Seventh Framework Programme for Research (FP7)
 - Personal Health Systems, Patient Safety, Virtual Physiological Human (~100M€/year)
- Policy activities:
 - Communications/Recommendations/Directives
 - eHealth Ministerial Conference / eHealth Week
 - Stakeholders' Group / Task Force
 - Studies
- Support implementation and deployment:
 - Competitiveness Innovation Programme (CIP ICT PSP): Large Scale Pilots on Interoperability and Telemedicine + Thematic Networks



Digital Agenda for Europe:



Sustainable economic and social benefits for all from a flourishing digital economy



eHealth in the DAE

Sustainable healthcare and ICT-based support for dignified and independent living

6 action areas: By 2015

- Health literacy, patient empowerment, ethics and adherence
- Early diagnosis and prevention of specific conditions
- Prevention diagnosis and management of functional decline in older people
- Integrated care for chronic diseases, including remote monitoring
- Active and independent living
- Age friendly buildings, cities and environments

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Cross Border Care and eHealth

Article 14 Voluntary Network on e-health to be set-up first half 2012

Key instrument to strengthen MS cooperation

Can provide important feedback in areas such as telemedicine

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EU-US Memorandum of Understanding on eHealth

Signed: 17/12/2010 by EC / US Dept Health and Human Services

Cooperation surrounding health related information and communications technologies

Focus:
key areas where scope for progress for the benefits of patients, healthcare systems and the economy

Interoperability standards and specifications for EHR systems as well as the development of a skilled health IT workforce

Important step to tackling market defragmentation by creating global conditions for common approaches to interoperability and standardisation

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Electronic Health Records and Privacy Issues

epSOS project

Provides cross border services that support safe, secure and efficient medical treatment for citizens when travelling across Europe

Focuses on services close to the patient:

- **Patient Summary for EU Citizens**
Occasional Visitors or Regular Visitors
- **ePrescribing for EU Citizens**
Medication ePrescription and /or Medication eDispensation

Builds on existing National eHealth Projects

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Electronic Health Records and Privacy Issues II

- **Political priority in many MS**
E.g. in Denmark, Sweden and Latvia online access to medical records is a reality
- **EU support to deployment:**
Patient access to data: two projects have been negotiated: Palante and Sustains

...the issue of authentication of users is important

eSignature Directive can help (under revision)

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Secondary use of data for research

Relevant INFSo funded projects:

- **TRANSFoRm**
<http://197.77.11.45/Items.html>
- **PONTE**
<http://www.ponte-project.eu/>

Art. 14 on eHealth voluntary network

Review of data protection Directive to harmonise this issue

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