



Health-e Infrastructures for Mobile Citizens – the European eHealth Action Plan

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25 Years of eHealth R&D Context



PAST 15 years (1989-2002)

NEXT 11 years (2003-2013)

'89-'91

'91-'94

'94-'98

'98-'02

Computer Applications for Doctors
Telemedicine systems and services

Regional Health Info Networks
Home-care systems
Personal Health Systems

Many good results are
- Not known /understood
- Not assessed
- Have no favorable conditions (legal, organisation, leadership, industrial issues)

Support to deployment

eEurope initiative
Ministerial eHealth Conferences

eHealth COMMUNICATION

Coordination & Support to Regional - National Plans, International cooperation

Technology assessment & transfer

<u>Budget</u> 20M €	<u>Budget</u> 100M €	<u>Budget</u> 140M €	<u>Budget</u> 200M €
<u>Projects</u> 30	<u>Projects</u> 63	<u>Projects</u> 158	<u>Projects</u> 125
<u>Results</u> Feasibility Study	<u>Results</u> AIM Community	<u>Results</u> 1 st batch of Products	<u>Results</u> EU Health Telematics Industry



Policy drivers

- **Single European Market**
- **Mobility of citizens**
- **Mobility of professionals**
- **Decisions of the European Court of Justice**
- **Global competition**
- **Pressure by stakeholder groups**
- **Need for improved access for all, quality of services**
- **Demographics**
- **Cost pressure on systems**



The main objective is to accelerate awareness and uptake of beneficial eHealth systems & services

- **Approved by Commission, 30 April 2004**
- **Discussed, noted and specific recommendations issued at the EPSCO [Health] Council, June 2 2004**
- **part of a package of three Communications - the other two Communications were on open method of co-ordination (DG EMPL led) and on patient mobility (DG SANCO led)**

http://europa.eu.int/information_society/doc/qualif/health/COM_2004_0356_F_EN_ACTE.pdf



3 areas of activities

- Addressing common challenges
- Pilot actions: accelerating beneficial implementation
- Working together and monitoring practices

3 types of responsibilities:

- Member States (MS) responsibility
- European Commission (EC) responsibility
- Shared /common EC and MS

Many tools for action: EC programmes, EC promotion initiatives, regional funds, MS funds, open method of coordination



Main areas of activity

1) Addressing common challenges – selected examples:

- Best practices collection (EC, 2005)
- National/regional roadmaps (MS, 2005)
- Common approaches for patient identifier (EC+MS, 2006)
- Interoperability standards for EHR and messaging (EC+MS,2006)
- Boosting investments in eHealth (MS, 2007)
- Deployment of health information networks (MS, 2004-2008)
 - Including broadband, wireless, grids
- Legal framework, certification of qualifications (EC+MS,2009)



2) Pilot actions - selected examples:

- Promoting the use of cards in the health care sector; implementing electronic insurance card (EC + MS, 2008)
- providing online health services (EC + MS, 2005)
- *eHealth ERA* project
- I2-Health project



3) Follow up and Benchmarking - selected examples:

- High level eHealth forum (EC, 2005)
- Common approaches to benchmarking (EC + MS, 2005)
- Identify ways to disseminate best practices (EC+MS, 2005)
- eHealth conferences and bi-annual studies (EC, 2004-2010)



***eHealth ERA* project strategic goals:**

- **to coordinate national innovation-oriented eHealth RTD planning and roadmapping,**
- **stimulate bilateral and multilateral joint activities and take steps towards further integration of RTD planning and results implementation across all Member States,**

thereby

- **establishing an effective European Research Area for eHealth,**
- **supporting the development of interoperable regional, national and trans-European eHealth infrastructures (Action Plan support).**



eHealth ERA project objectives:

- to improve *transparency* across Member States in respect of eHealth strategies, implementation plans, research policies, and pre-deployment measures,
- identify *priority RTD needs* common to all or to subgroups of Member States, locate cooperation opportunities for joint research across Member States,
- focus *in depth on two topics/clusters of topics* selected for the strength of their expected impact on identified priorities, including in particular the European eHealth Action Plan,
- analyse *planning and implementation processes* for national eHealth RTD and Innovation Programmes and develop good practice guidelines,
- stimulate the establishment of *sustainable mechanisms* capable of arriving at evidence-based decisions on priorities for viable and effective trans-national RTD,
- establish an *eHealth ERA portal* to support cooperative activity and to disseminate project results globally.

Background

Interoperability of health information systems:

- ***“Member States have expressed the need to support actions that cover the development of standards addressing the interoperability of diverse systems and services and***
- ***to explore in particular the possibilities of open source applications to achieve this objective. ...***
- ***The exchange of experience in the use of open standards and open source solutions among health administrations in Member States should be promoted.”***

Communication from the European Commission (COM(2004)356) 30.4.2004

“eHealth – making healthcare better for European citizens:

An action plan for a European eHealth Area”

Interoperability Initiative for a European eHealth Area

Support Action for the eTEN Programme

Strategic goal

- **Initiate a coordination process for accelerating the deployment of eHealth infrastructures and functional applications which are interoperable for trans-European use**
thereby
- **enabling cross-country, interoperable eHealth applications**
while
- **safeguarding appropriate data security and privacy requirements.**

Objectives:

- **identify interoperability and connectivity issues and priorities, barriers and gaps, and solution approaches**
- **focus on fundamental interoperability issues (identification of actors, organisations, adequate measures to achieve interoperability, integration tests and certification)**
- **analyse similarly key topics relating to e-prescription and messaging**
- **develop a roadmap and concrete projects involving all relevant actors - guided by an open discussion process amongst Member State Health Authorities**



**Thank you very much
for your attention!**

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