



EC mHealth activities

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Stakeholder Conference on the Future of mHealth in Europe

The European Commission

**Meeting Room 0/S1, Building BU-25, Avenue de Beaulieu 25,
Brussels**

18th April 2013 from 9:00-17:00

outline

Definition of eHealth market – mHealth as subset

mHealth related policy hooks

Examples of ongoing EC funded R&D&I projects with mHealth elements

Definition of eHealth Market *)

"The **eHealth market** can be defined as comprising the following four interrelated major categories of applications:

1. **Clinical information systems**

- a) **Specialised tools** for health professionals within care institutions (e.g., hospitals). Examples are Radiology Information Systems, Nursing Information Systems, Medical Imaging, Computer Assisted Diagnosis, Surgery Training and Planning Systems.
- b) **Tools for primary care and/or for outside the care institutions** such as general practitioner and pharmacy information systems.

2. **Telemedicine and homecare, personalised health systems and services**, such as disease management services, remote patient monitoring (e.g. at home), tele-consultation, tele-care, tele-medicine, and tele-radiology.

3. **Integrated regional/national health information networks** and distributed electronic health record systems and associated services such as e-prescriptions or e-referrals. [Cross border EHR+ePrescription]

4. **Secondary usage** non-clinical systems

- a) Systems for health **education** and health promotion of patients/citizens such as health portals or online health information services.
- b) Specialised systems **for researchers** and **public health data collection and analysis** such as bio-statistical programs for infectious diseases, drug development, and outcomes analysis.
- c) **Support systems** such as supply chain management, scheduling systems, billing systems administrative and management systems, which support clinical processes but are not used directly by patients or healthcare professionals."

*) Lead Market Initiative - eHealth Taskforce report 2007

eHealth http://ec.europa.eu/information_society/activities/health/policy/lmi_ehealth/index_en.htm

mHealth related policy hooks (1/2)

European Innovation Partnership on Active and Healthy Ageing,

- http://ec.europa.eu/information_society/activities/einclusion/deployment/ahaip/consultation/index_en.htm
- **Strategic implementation plan (SIP), November 2011**

Digital Agenda for Europe, Key Actions 13, 14 (telemedicine), 8 (radio spectrum policy)

- <http://ec.europa.eu/digital-agenda>

eHealth action plan

http://ec.europa.eu/information_society/newsroom/cf/itemdetail.cfm?item_id=9156

DG SANCO Council Conclusions on Innovation in the Medical Device sector

- <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:C:2011:202:0007:0009:EN:PDF>.

Guidelines on the qualification and classification of standalone software used in healthcare within the regulatory framework of medical devices (DG SANCO, Health technology and Cosmetics)

- http://ec.europa.eu/health/medical-devices/files/meddev/2_1_6_ol_en.pdf
- **Implicit classification of mHealth apps, telemedicine and web based systems, follow-up expected - work in progress**

mHealth related policy hooks (2/2)

Revision of the regulatory framework for medical devices (DG SANCO, Health technology and Cosmetics),

- **consolidation and simplification**
- **new and emerging technologies have challenged the current framework**
- **http://ec.europa.eu/health/medical-devices/regulatory-framework/index_en.htm**

COMMISSION STAFF WORKING DOCUMENT on the applicability of the existing EU legal framework to telemedicine services (Dec 2012)

- **<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=SWD:2012:0414:FIN:EN:PDF>**
- **Licensing; conditions for processing health data; issue of reimbursement; new Directive 2011/24 on the patients' rights in cross-border healthcare; liability**

Green paper on mHealth applications Health and Well-being, DG CONNECT

- **focus on legal aspects, under consultation**
- **Expected 4Q2013**

Data protection, privacy, security related directives



Recent EC funded eHealth research (FP7) or deployment (CIP) projects with

mHealth elements

AP@home (diabetes)

CAALYX (FP6, continuation in CIP)

CD-MEDICS (point-of care diagnostics)

HeartCycle (cvd, tailored drugs for patients)

Help4Mood (depression recovery)

ICT4DEPRESSION (depression recovery)

INTERSTRESS (psychological stress)

METABO (diabetes)

Mobiguide (clinical-guideline-based guidance for professionals and patients)

MONARCA (mental health, bipolar disease)

MovingLife (roadmapping for mHealth, primary focus for clinical-medical use)

Nephron+ (renal care)

REACTION (diabetes)

Renewing Health (large CIP covers three most prevalent chronic diseases, includes mobile element)

SENSORART (cvd)

SmartPersonalHealth

(roadmapping, Continua health alliance, final report available)

SmartHEALTH (point of care diagnostics, FP6, finished)

StrokeBack (stroke)

Mobiguide (diabetes) Patient Guidance Decision Support System

DECIPHER – Pre-Commercial Procurement project on mHealth solutions applied in public healthcare

FP7 Call 10 being evaluated and negotiated this spring includes **opportunities for mHealth related projects**

CIP Call 7 open until 15th May, **opportunity to include mobility element under Public Procurement for Innovation (PPI) funding instrument, obj.3.2 a)**

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