

**eHealth Workshop**  
**25-26 April 2013**  
**Middlesex University**  
**London, UK**  
<http://goo.gl/tgDaf>



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**CASTLEGATE  
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# European and International Collaboration in Transforming Healthcare Systems

**eHealth Workshop**  
**Middlesex University, London**

**25 April 2013**

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# **EU and International eHealth Policies and Implementation**

***eHealth Task Force***

***eHealth Action Plan 2012-20***

***'Mobile Health' Green Paper (proposed)***

***International Cooperation (EU-US)***



## **eHealth Task Force**

- ***Unique group of individuals with outstanding expertise in sectors relevant to eHealth***
- ***Report (May 2012) "Redesigning health in Europe for 2020"***
- ***Identifies critical preconditions for the effective implementation of eHealth***



# eHealth Task Force Report

## ***FIVE RECOMMENDATIONS:***

- 1. Create a legal framework to manage the explosion of health data***
- 2. Create a beacon group of Member States committed to open data and eHealth***
- 3. Support health literacy***
- 4. New rules to define how to integrate official and user data***
- 5. Re-orient EU funding and policies***

## WHY A NEW eHEALTH ACTION PLAN?



TO REFLECT THE PROGRESS MADE SO FAR



TO ENSURE MORE COHERENCE BETWEEN HEALTH POLICY DEVELOPMENTS AND  
eHEALTH DEPLOYMENT



TO SCALE UP eHEALTH FOR EMPOWERMENT, EFFICIENCY AND INNOVATION IN  
HEALTHCARE



TO CONTRIBUTE TO MORE JOBS AND GROWTH



REQUESTED IN THE COUNCIL CONCLUSIONS (DEC. 2009)



## **eHEALTH ACTION PLAN: VISION**

*TACKLE eHEALTH CHALLENGES RELATED TO:*



PERSONAL HEALTH (CHRONIC DISEASE MANAGEMENT, PREVENTION AND HEALTH PROMOTION)



HEALTH SYSTEMS (UNLOCKING INNOVATION, ENHANCING PATIENT-CENTRIC CARE, ENCOURAGING ORGANISATIONAL CHANGES, CROSS-BORDER CARE, UNIVERSALITY, EQUITY...)



LEGAL / MARKET ASPECTS (IMPROVING LEGAL AND MARKET CONDITIONS)



# **EHEALTH ACTION PLAN 2012 – 2020 OPERATIONAL OBJECTIVES**

- ▶ **ACHIEVING WIDER INTEROPERABILITY OF EHEALTH SERVICES**
- ▶ **SUPPORTING RESEARCH, DEVELOPMENT AND INNOVATION**
- ▶ **ENSURING WIDER DEPLOYMENT & FACILITATING UPTAKE**
- ▶ **PROMOTING INTERNATIONAL COOPERATION**



# Achieving wider interoperability of eHealth services

**eHealth Interoperability Framework** to be proposed by 2015: based on results of research projects and studies

## **Supporting this:**

- Standards, interoperability testing and certification (to be endorsed by eH network)
- Maintenance of assets under CEF





## Legal Clarity

- Staff Working Paper on legal issues in telemedicine
- Guidance on how to apply EU **data protection law** in the area of health data (following adoption of DP regulation)
- Green Paper on Legal Framework applicable to Health & Wellbeing Apps



# Research & Innovation

## Focus on competitiveness

- **Research:**
- Health & Wellbeing solutions (user-centric focus)
- Longer-term focus: VPH...
  
- **Innovation:**
- User-driven innovation
- Law incubators
- PCP / PPI



## **Ensuring Wider Deployment and Facilitating Uptake**

- Connecting Europe Facility (CEF) from 2014
- Cohesion policy: broadband access and supporting ICT applications and services
- EIP on Active and Healthy Ageing
- Focus on Digital Health Literacy for professionals and citizens
- Clinical Practice Guidelines for telemedicine services: emphasis on nurses, social care workers



## Conclusion

- Action Plan responds to climate of budgetary constraints of health systems; ageing population; citizens' expectations
- Promoting innovation for: better health and care; transparency and empowerment; more skilled workforce; more efficient and sustainable health and care systems; new business opportunities in Europe and beyond

## **NEED FOR A GREEN PAPER ON MOBILE HEALTH AND WELLBEING APPS**



**MARKET DEVELOPMENTS**



**LEGAL UNCERTAINTY**



**DATA MANAGEMENT**



**SAFETY AND TRANSPARENCY**



**RECOMMENDATIONS OF THE eHEALTH TASK FORCE**

## THE ISSUES TO BE COVERED (I)

- **Contextual elements** – state of play; definition; market/technological context (EU and global); expected developments
- **Current regulatory framework** (EU and global)
- **Health data and information sharing** e.g. data protection, EU patients' rights; link with electronic health records



## THE ISSUES TO BE COVERED (II)

- **What needs to be changed for mHealth** to succeed including research and innovation;
- **Options for regulating** mobile health and wellbeing apps in the EU

## International Cooperation

- Benchmarking and data collection (WHO, OECD..)
- Policy discussions: building on the Memorandum of Understanding with the US on eHealth on interoperable eHealth systems and ICT skills
- Series of eHealth Seminars with EUROMED – ENP South Countries





The EU and the US recognise the importance of health-related ICTs

Wish to strengthen their relationship and support global cooperation in this area

A MoU (signed in Dec 2010 by EC VP N. Kroes and US Secretary of Health K. Sebelius) aims to foster a mutual understanding of the common challenges



## Context

The Trans-Atlantic Economic Council (TEC) of Nov. 2011 reinforced commitment to the MoU

Preliminary discussions by the US DHSS and DG CONNECT on the development of a global conceptual framework

Articulation of how Health-related ICTs support improved health and address economic benefit and promote innovation.



## Initial Areas of EU-US Cooperation

Two issues identified of having immediate importance:

- **Development of internationally recognised and utilised interoperability standards for EHRs**
- **Strategies for development of skilled health IT workforces**

Further areas of cooperation such as research, innovation and policy co-ordination will be discussed in the coming months



## Progress to Date

EU and US have made independent statements of aiming to provide individuals with access to their own health records (electronically EHRs)

Both sides are working closely and made significant progress with the development and publication of a joint MoU Roadmap in March 2013 (for activities over the next 12-18 months)

Pilots and demonstrations, grounded in real world experiences to inform international collaboration



## Roadmap

Published online on both sides of the Atlantic in March

Will be followed by a 'Call to Action' for stakeholder involvement on both sides of the Atlantic through piloting and demonstration activities

Member States Stakeholder involvement will be at the heart of EU contributions to MoU Activities

Collaboration with WHO on health data standards



## Roadmap Activities – EHR Interoperability

Initial focus will be on international interoperability of EHRs including semantic and syntactic interoperability and patient-mediated data exchange

Privacy and Security issues will be at the forefront of discussions and activities under the MoU



## **Roadmap Activities Health Workforce IT Skills**

EU and US will collaborate on identification of common goals to achieve a robust supply of highly IT proficient healthcare workforces

Aim of ensuring that healthcare, public health and associated workforces have the necessary eSkills make optimum use of available eHealth systems and solutions.

Promoted by the Irish EU Presidency in first half of 2013 including at eHealth Week in May in Dublin

Also subject of an EU-US MoU Support action to be funded under FP7 ICT Call 10, starting in the summer of 2013



## Joint Events 2012-13

- **Events in October 2012, Boston, USA**
  - EU and US politicians, policy makers, medical practitioner bodies and companies from both sides of the Atlantic
  - ‘Policy Day’ - an important step in the development of the MoU Roadmap
  - 420 participants of whom nearly 50% were European
  - eHealth Market Place, Business-oriented with over 300 business to business meetings
- **EU-US eHealth Co-operation Assembly, Dublin May 15<sup>th</sup> 2012**
- **EU-US eHealth Marketplace in Dublin May 14 and Boston on October 22/23**





## Next Steps

May 2013 – Stakeholder ‘Call to Action’ including dedicated MoU activity information website.

Mid-May 15 EU-US MoU Event at 2013 eHealth Week in Dublin

Update of ‘Living Roadmap’ in early summer 2013

Launch of EU-funded CSA piloting Actions in summer 2013



# Further Information on MoU and Joint Events

## **EU-US eHealth MoU Roadmap:**

<http://ec.europa.eu/digital-agenda/en/news/eu-and-us-step-cooperation-ehealth-it>

## **Dublin Event *eHealth Week 2013*:**

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

## **EU-US Events Dublin:**

<http://www.epractice.eu/en/events/ehealthweek-eu-us-cooperation2013>

<http://www.b2match.eu/eu-us-ehealth-marketplace-dublin>



# Other Useful Information

## **eHealth Action Plan 2012-20**

<https://ec.europa.eu/digital-agenda/en/news/ehealth-action-plan-2012-2020-innovative-healthcare-21st-century>

## **European Innovation Partnership on Active and Healthy Ageing**

[http://ec.europa.eu/research/innovation-union/index\\_en.cfm?section=active-healthy-ageing](http://ec.europa.eu/research/innovation-union/index_en.cfm?section=active-healthy-ageing)

## **eHealth Network**

[http://ec.europa.eu/health/ehealth/policy/network/index\\_en.htm](http://ec.europa.eu/health/ehealth/policy/network/index_en.htm)

## **eHealth Task Force Report**

[http://ec.europa.eu/information\\_society/newsroom/cf/itemdetail.cfm?item\\_id=8172](http://ec.europa.eu/information_society/newsroom/cf/itemdetail.cfm?item_id=8172)



# Thank you for your attention!

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