



**EU-US eHEALTH/ HEALTH IT MOU UPDATED ROADMAP
Webinar
New Roadmap Work-stream
'Supporting Transatlantic eHealth/Health IT Innovation
Ecosystems'**

25 February 2016

Frank Cunningham
Health and Well-Being Unit DG CONNECT, European Commission

Steven Posnack & Stephen Konya
Office of the National Coordinator for Health IT, DHHS

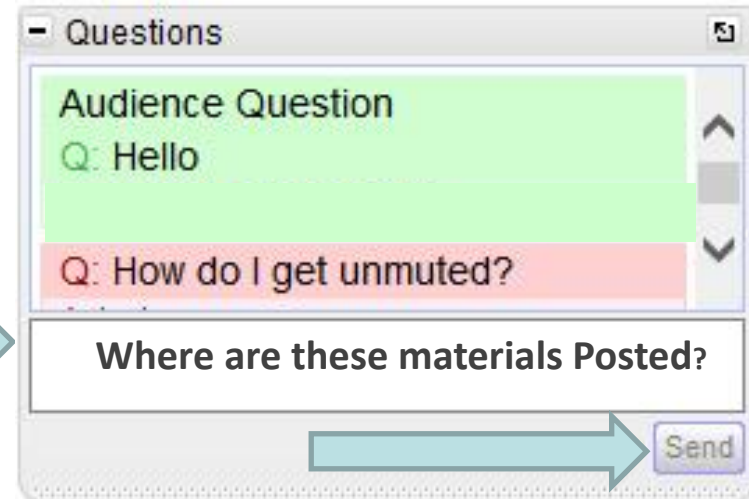
Matthew Hein
U.S. Department of Commerce, International Trade Administration

Meeting Logistics



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- As a reminder all participants on this call are muted. If you want to ask questions or make comments please use the “Question” feature in the web meeting



- If it is possible, we will try to address questions as they come in.
- There will be a Q&A session at the end of the call
- This call as well as the materials presented in this call are being recorded

Agenda



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1. Overview of Agenda and Introductions

Speakers:

- *Steven Posnack, Director, Office of Standards and Technology, Office of the National Coordinator for Health IT, U.S. Department of Health and Human Services*
- *Frank Cunningham, Policy Officer, DG CONNECT, European Commission*

2. Background on the EU-US MOU and Roadmap

Speaker: Frank Cunningham

3. Review of Updated Roadmap: Interoperability and Workforce Work Streams

Speakers:

- *Interoperability Work Stream: Steven Posnack and Gerald Cultot, Policy Officer, DG CONNECT, European Commission*
- *Workforce Work Stream: Frank Cunningham and Matthew Hein, International Trade Specialist, U.S. Department of Commerce, International Trade Administration*

4. Discussion on 3rd New Work Stream: Innovation Work Stream

Speakers: Frank Cunningham, Steven Posnack, Stephen Konya and Matthew Hein

5. Discussion and Q&A Session for Participants

6. Next Steps and Call to Action

Speakers: Frank Cunningham and Steven Posnack

Memorandum of Understanding



In December 2010, the European Commission and the US Dept. of Health and Human Services signed a **Memorandum of Understanding (MOU)** to:

- Help facilitate more effective uses of eHealth/Health IT;
- Strengthen their international relationship; and
- Support global cooperation in the area of health related information and communication technologies





The vision and roadmap set the framework for progress

- “To support an innovative collaborative community of public- and private-sector entities working toward the shared objective of developing, deploying, and using eHealth science and technology to empower individuals, support care, improve clinical outcomes, enhance patient safety and improve the health of populations.”



Roadmap to achieve the vision of the MOU

- Initial Roadmap defined a cooperative action plan to produce deliverables aligned with the goals outlined in the MoU, with a specific emphasis on the following two areas:
 - international **Interoperability of Electronic Health Records** information, to include semantic interoperability, syntactic interoperability, patient and healthcare provider mediated data exchange (including identification, privacy and security issues surrounding exchange of health data);
 - cooperation around the shared challenges related to eHealth/health IT **Workforce** and eHealth proficiencies.
- In the summer of 2013 (following a 'Call to Action') two community workgroups were launched to look at how to achieve the goals and visions of the MOU and the first phase of the work was completed in 2015.

Updated Roadmap: Interoperability Work Stream



Advancing eHealth/Health IT Interoperability Work Stream

- The first phase of the collaboration led to a successful comparison of patient summary specifications across EU and US, identifying gaps and using interoperability assets to help bridge those gaps.
- We will continue to collaborate to accelerate progress towards the widespread deployment and routine use of internationally recognized standards.
- In particular, EU and US counterparts agree to promote and advance an International Patient Summary (INTERPAS) standard to enable people to access and share their health information for planned or emergency care anywhere and as needed.
- Health Level 7 (HL7) is currently working through the Joint Initiative Council (JIC, which includes CEN and other standards development organizations) on the design of INTERPAS document standard to facilitate cross-border exchange of health data.



eHealth/Health IT Workforce Development Work Stream

- Completed first phase of the eHealth/Health IT Workforce Development work-stream in May 2015.
- Identified and addressed competency and knowledge deficiencies among staff in the eHealth/Health IT professional workforce.
- Next phase will continue collaboration between eHealth/Health IT professionals and organizations from around the world to promote development of a global workforce professionally prepared to deploy eHealth/Health IT systems.



Innovation Ecosystems Work Stream

- In 2015, DG CONNECT and the US HHS agreed to add a new third work stream titled “Transatlantic eHealth/Health IT Innovation Ecosystems”
- Work-stream has been created in response to recent stakeholder consultations on the future direction of the Roadmap work and its relevance to their needs
- Aims to encourage innovation in the eHealth/Health IT industry and to ensure that there are linkages to the other two Roadmap work-streams

New Innovation Ecosystems Work Stream



Stephen Konya

Senior Innovation Strategist,

U.S. Department of Health and Human Services,
Office of the National Coordinator for Health IT (ONC)

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What is an Innovation Ecosystem?

"The term 'innovation ecosystem' describes the role of independent factors working together to enable entrepreneurs and allow innovation to occur in a sustained way in a particular location.

However, analysing how they develop differently in different places can enable policymakers and business leaders to provide a more supportive environment."

[Source: "Innovation Ecosystems," by Barclays](#)

New Innovation Ecosystems Work Stream



Potential Stakeholders*

- Start-up Incubators and Accelerators
- Entrepreneurs
- Investors / Financiers
- Academia / Researchers
- Advocacy Organizations
- Government
- Private Sector / Retail Clinics

- Suppliers and Integrators of eHealth/Health IT systems
- Products and Services (including SMEs)
- Providers / Practitioners
- Payers
- eHealth/Health IT/Innovation Policy Makers
- Non-Profits / Foundations

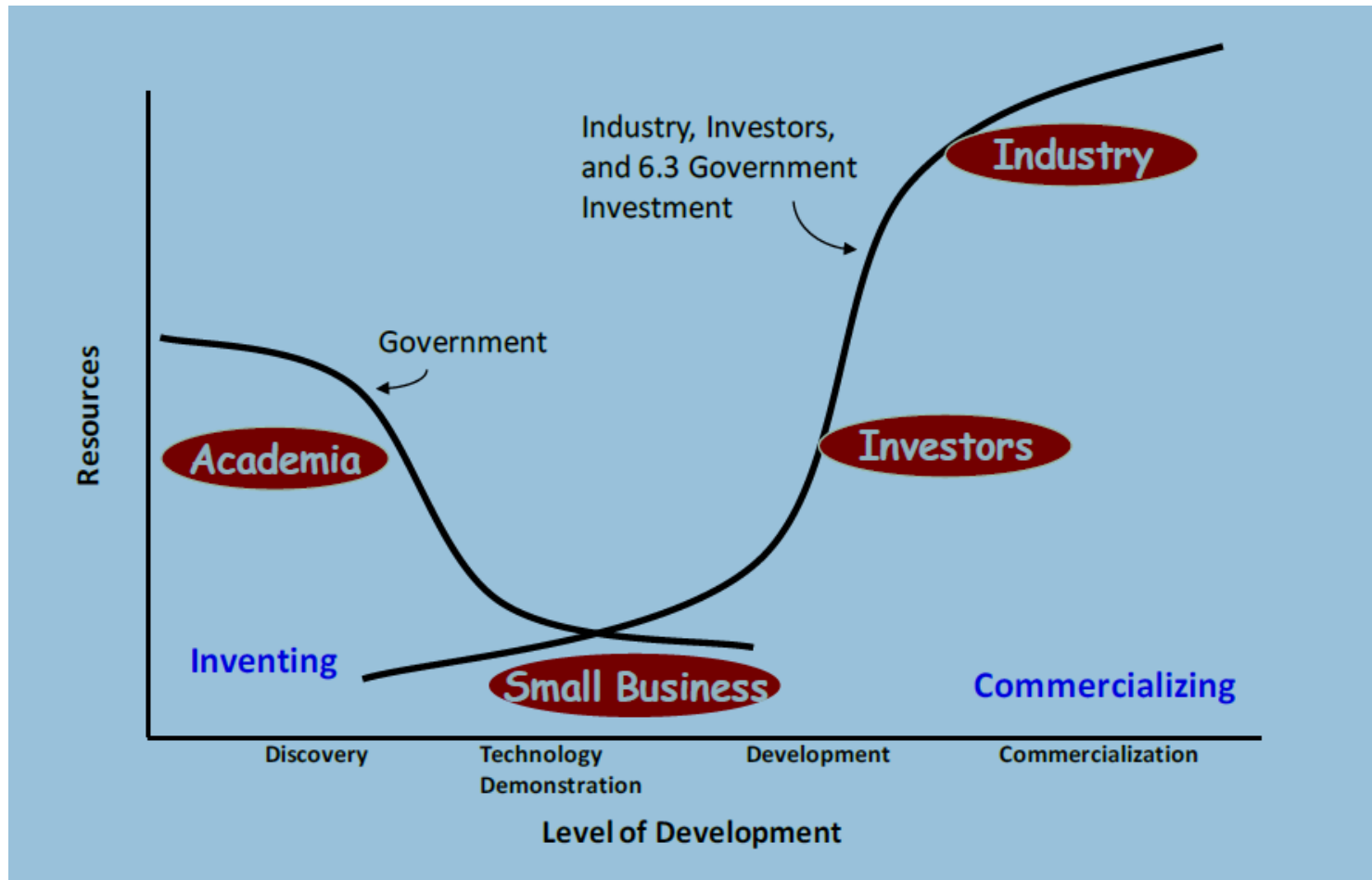
***Note:** If you don't identify with any of the above groups, please let us know who you are, what category is missing, and explain what role you play in a Health IT Innovation Ecosystem.

New Innovation Ecosystems Work Stream



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Innovation Spectrum



Source: [Deborah J. Jackson, National Science Foundation](#)

New Innovation Ecosystems Work Stream



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The Role of Government

- Increase cross-border collaboration
- Promote the creation of innovation centres (as opposed to research facilities which typically lack commercial focus) that facilitate the innovations of others
- Promote the successes of domestic /local entrepreneurs to foster an entrepreneurial culture
- Lower barriers to innovation by encouraging 'balanced risk-taking' and providing financial incentives to entrepreneurialism (such as matching private investment in start-ups' research and development and providing tax incentives for funding start-ups)

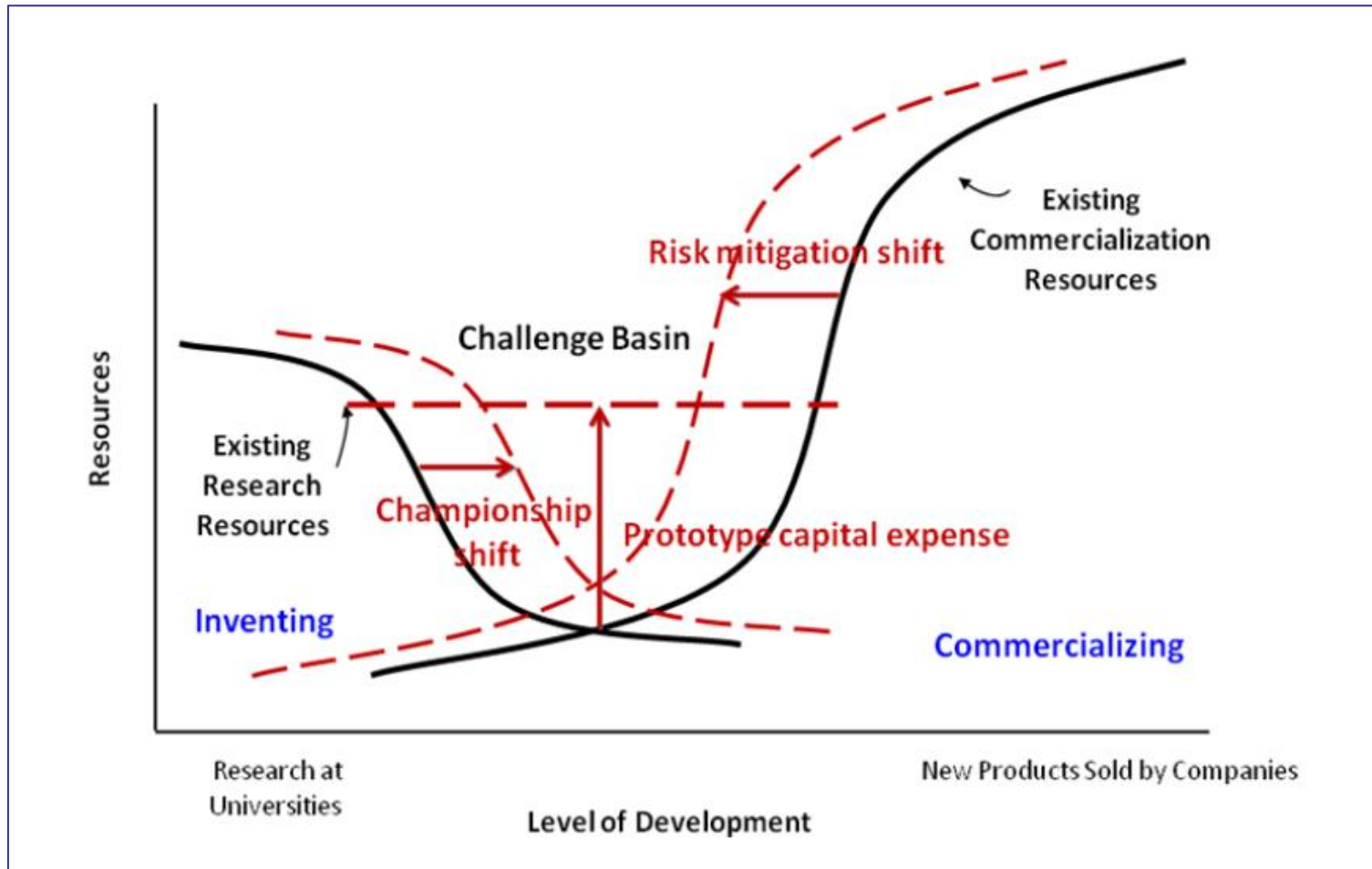
- Ensure a friendly regulatory environment
- Create places where young people feel they have 'cultural self-confidence' and where they can meet face to face, as experts say that is when successful innovations emerge
- Contribute to the Reform education policies to keep pace with the knowledge and skills required for young people to participate in the emerging 'third-wave industrial revolution'
- Recognise which start-ups are more likely to succeed and channel the resources to them instead of trying to support as many start-ups as possible.

[Source: "Innovation Ecosystems," by Barclays](#)

New Innovation Ecosystems Work Stream



Bringing More Ideas to Market



[Source: Deborah J. Jackson, National Science Foundation](#)



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Initial Key Elements

- Identify key EU and US stakeholders and enlist their support
- Highlight latest trends and developments in eHealth/Health IT
 - Examples;*
 - Patient Engagement / Empowerment
 - Patient Generated Health Data
 - Precision / Personalized Medicine
 - Privacy
 - Tele-Health / mHealth
 - Cybersecurity
 - Open APIs
 - Others tbd
- Broaden stakeholder involvement in Roadmap activities
- Build transatlantic partnerships and alliances between EU regions/cities and US States/cities
- Recognize complementary EU and US strengths and business/trade opportunities (with a specific focus on SMEs)
- Identify synergies between Innovation Work Stream and the Interoperability and Workforce Development Work Streams



Three Pronged Strategy



- Webinars
- Conferences
- In-person meetings
- Online Communities
- Delegation Visits
- Trade-Missions

- Establish Sister Region & City Partnerships
- Showcase Technologies
- Asset Mapping of Current Health IT Innovation Hubs
- Provider Network & Trade Association Partnerships
- EU/US Open Data Sharing

- Challenges
- Pilots
- SME Opportunities
- New Programs
- Ongoing alignment with 2 previous work streams and other EU/US initiatives



Convene (2016)

Bringing people together

Date	Event	Title	Location
Feb 25th	Kickoff Webinar (for 3 rd work stream)	Transatlantic Health IT Innovation Ecosystems	Online
March 3rd	HIMSS Listening Session, hosted by ONC / ITA	Cultivating Health IT Innovation Ecosystems	Las Vegas, NV
May 8th	Health Datapalooza	International Health Innovation Summit, Investors Perspectives	Washington D.C.
June 8th – 10th	US delegation to visit EU during eHealth Week	Progress update on the EU- US eHealth/Health IT MoU	Amsterdam, The Netherlands
July (tbd)	2 nd Webinar (for the 3 rd work stream)	Update on Innovation Work	Online
Sep/Oct (tbd)	EU delegation to visit US	Still being planned, not confirmed when/where	Chicago, IL and/or San Francisco, CA?
November (tbd)	3 rd Webinar (for the 3 rd work stream)	Update on Innovation Work	Online



Collaborate

Gathering information, generating ideas

Partnerships

- Transatlantic Sister Regions / Cities
- Provider Networks (IT / Innovation Offices)
- Health IT Trade Associations

Projects

- Asset Mapping Exercise of Current Health IT Innovation Hubs (in both EU and US)
- Showcase Innovative eHealth/Health IT Technologies
- Promote EU & US Open Data
- Mentorship Opportunities

Policy Development

- Government Innovation Policy
- Hospital Innovation Policy
- Private Sector Innovation Policy
- Academic Innovation Policy



Catalyze

Turning ideas into action

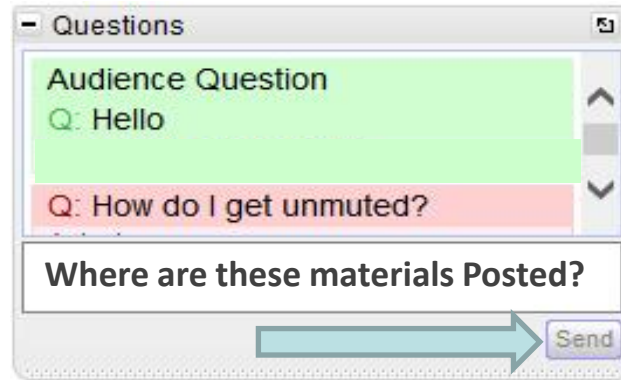
- Public / Private challenges, code-a-thons, etc.
- Transatlantic healthcare system pilots
- SME business opportunities
- New government programs / legislative efforts
- Ongoing alignment with 2 existing work streams of the eHealth MOU, and other current EU/US initiatives

Participating in the Q&A

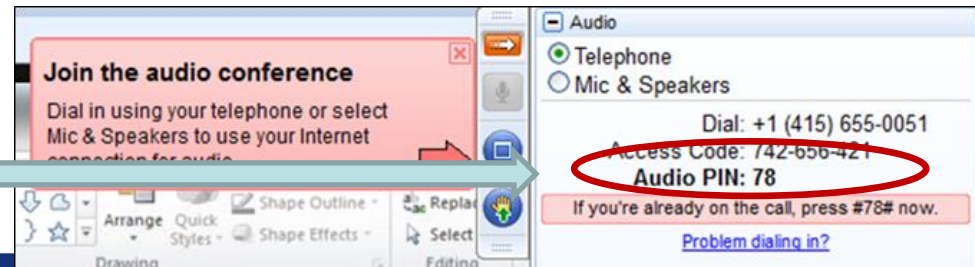


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- Please use the “Question” Feature to ask questions and to provide your responses:



- **Time permitting**, if you would like to be unmuted to ask a quick question please use the “raise hand” feature.
- If your hand is raised you will be unmuted by the organizer and allowed to ask your question (*NOTE: If you dialed into the call using a telephone/cellphone and not VoIP you **MUST** dial the audio pin in order for the organizer to unmute you. If you did not use the audio pin and just pushed # when prompted the Organizer cannot unmute you*)





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Questions for Participants:

- **Are there additional ideas to incorporate into the stakeholder-proposed 3rd work-stream focused on innovation?**
- **Are there particular aspects of EU-US collaboration related to the new proposed 3rd work-stream focused on eHealth/Health IT innovation that could have the most impact?**
- **Which EU and US regions and cities do you consider likely candidates for building transatlantic innovation ecosystems partnerships over the next 12 to 18 months?**

Next Steps and Call to Action



- **Please submit feedback to the Roadmap by March 15, 2016. The links can be found at either:**
 - <https://www.healthit.gov/policy-researchers-implementers/public-stakeholder-consultation-eu-us-cooperation-ehealthhealth-it>
 - or
 - <https://ec.europa.eu/digital-agenda/en/news/public-stakeholder-consultation-next-phase-eu-us-cooperation-ehealthhealth-it>
- **For more information, please contact:**
 - Mera Choi, HHS ONC (US) – mera.choi@hhs.gov
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