



Trust & Security Research Clustering

...supporting collaborative networking & community building



SecCord Security and Trust Coordination and Enhanced Collaboration

Massimo Felici

Workshop on
Addressing R&D Challenges in Cybersecurity:
Innovation and Collaboration Strategy

London, 20 June 2013





About Me

- Research engineer in the Security and Cloud Lab
- Research Interests: Accountability, Dependability, Risk and Trust
- Working currently on two EU projects: **SecCord** and the **Cloud Accountability Project**

HP Labs

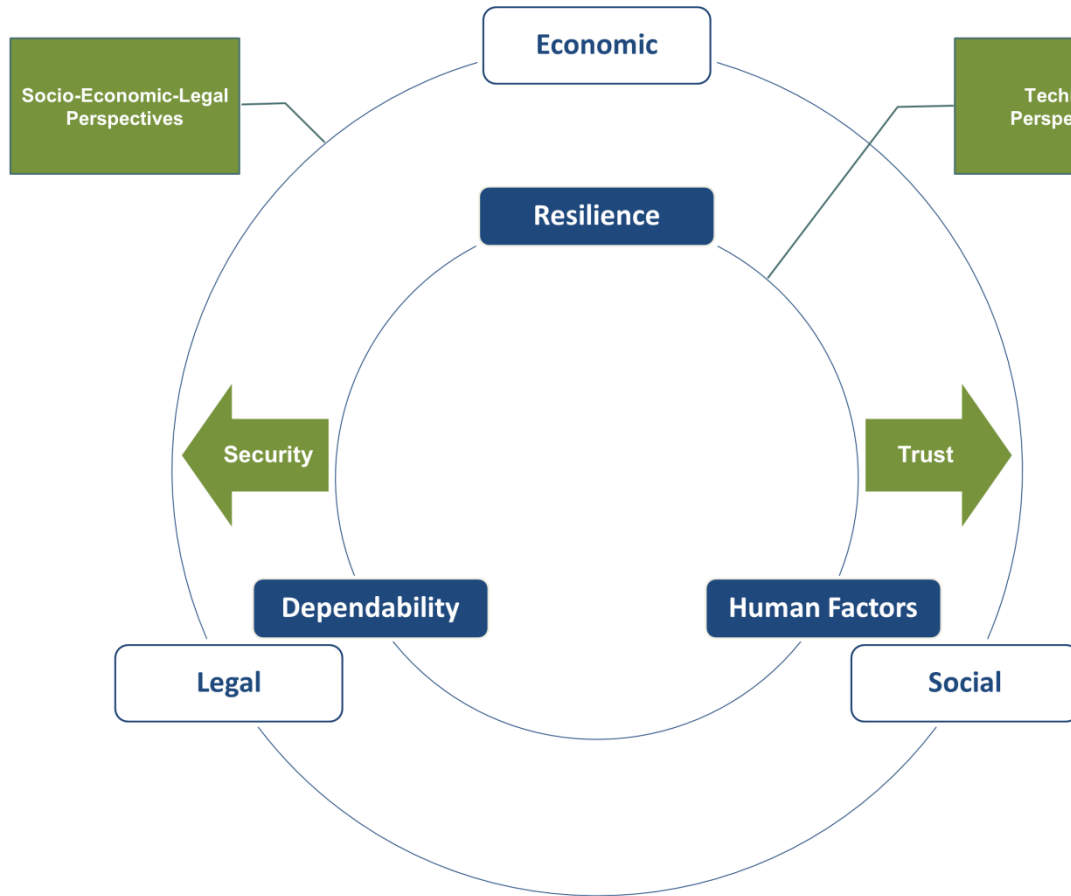
- Corporate research function of Hewlett-Packard
- Few hundred researchers and engineers mostly located in Palo Alto, California; Bristol, UK; and Haifa Israel
- Our mission is to develop and explore new technologies that offer opportunities to the rest of Hewlett-Packard and its customers – *We do not have any product responsibility*



SecCord Activities

-  **Supporting Clustering Activities:** enhanced collaborations among **Trust and Security projects**
-  **Assessing Research Outputs:** Analyses of Trust and Security programme achievements
-  **Supporting Collaboration:** **Cyber Security & Privacy EU Forum (CSP EU Forum)**, annual conference
-  **Supporting Research Transfer:** enhanced Research to Industry Impact
-  **Identifying Strategic Directions:** emerging Trust and Security challenges defining a roadmap for Europe

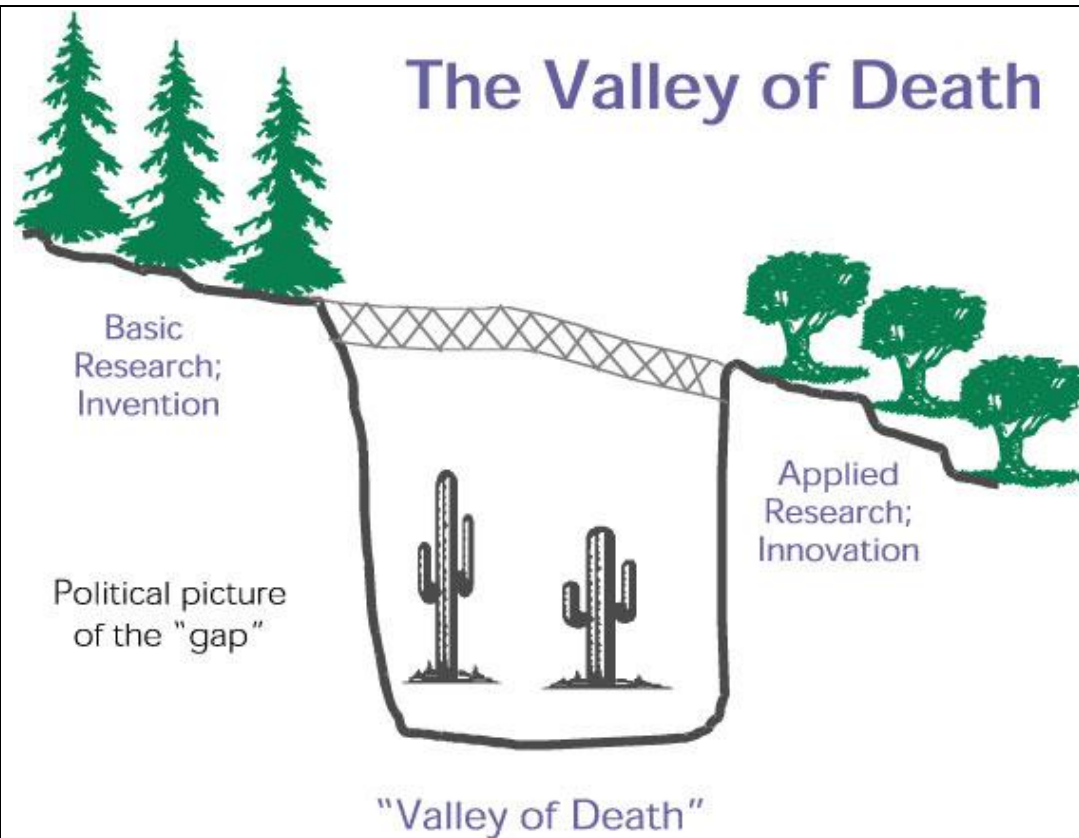
SecCord Partners: Waterford Institute of Technology (Ireland), University of Trento (Italy), SAP AG (Germany), ATOS (Spain), Hewlett-Packard Laboratories (United Kingdom)

Multidisciplinary Research in Security and Trust



-  Security and Trust, **complex multidisciplinary research space**
-  Understanding and investigating multidisciplinary dimensions: **Socio-Economic-Legal** and **Technical** perspectives

Transferring Cybersecurity Research into Practice



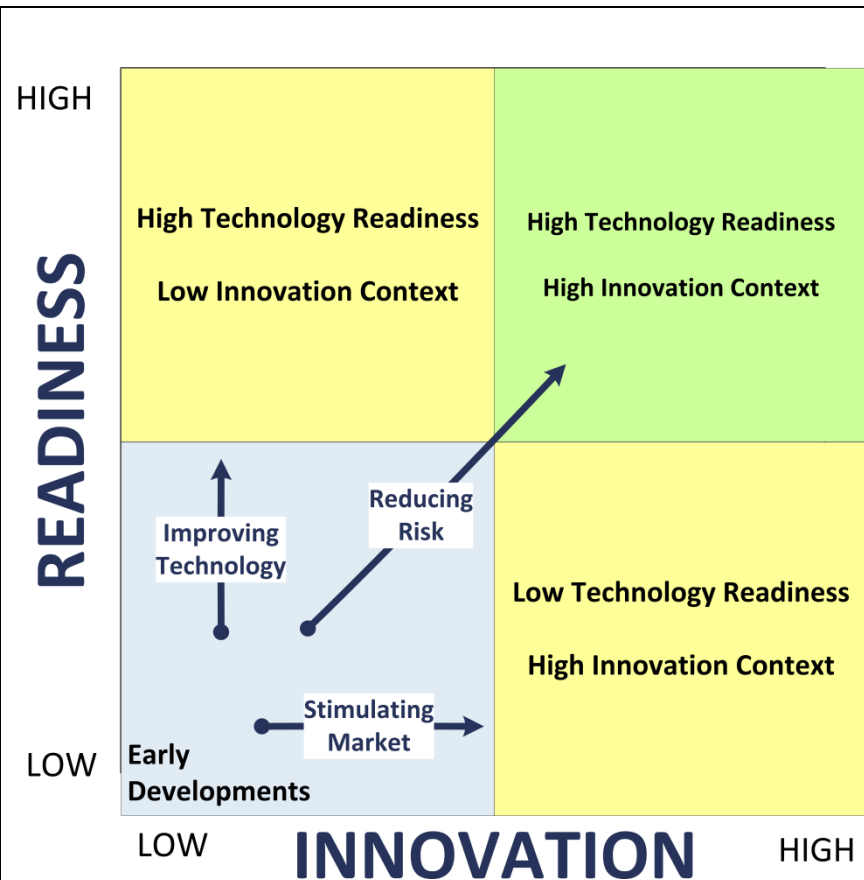
Barriers to Research Transfer

-  Insufficient awareness of the complexity of cybersecurity tech transfer
-  A scattershot of R&D
-  Mismatch between market and threat environment

Picture: NIST, Between Invention and Innovation: An Analysis of Funding for Early-Stage Technology Development. NIST GCR 02-841, November 2002.

Benzel, T.V., Lipner, S.,
 Crossing the Great Divide: Transferring Security Technology
 from Research to the Market.
 IEEE Security & Privacy 11(2):12-13, March/April 2013.

Readiness vs Innovation



Innovation and Collaboration

-  EU collaborative research projects tend to deliver technology little exposed to **industry practice**
-  Better **alignment between research outcomes and markets**
-  Contexts need to be stimulated by specific regulatory and policy instruments creating **competitive markets for technology innovation**
-  Research collaborations need to deliver **technology innovation in competitive markets**



Thank you



<http://www.cspforum.eu/>

Contact Information

Massimo Felici
Security and Cloud Lab
Hewlett-Packard Laboratories

massimo.felici@hp.com

T +44 117 316 2798

Hewlett-Packard Company

Long Down Avenue

Stoke Gifford

Bristol BS34 8QZ

United Kingdom