European Commission
Directorate General Information Society and Media

Update on RFID in Europe
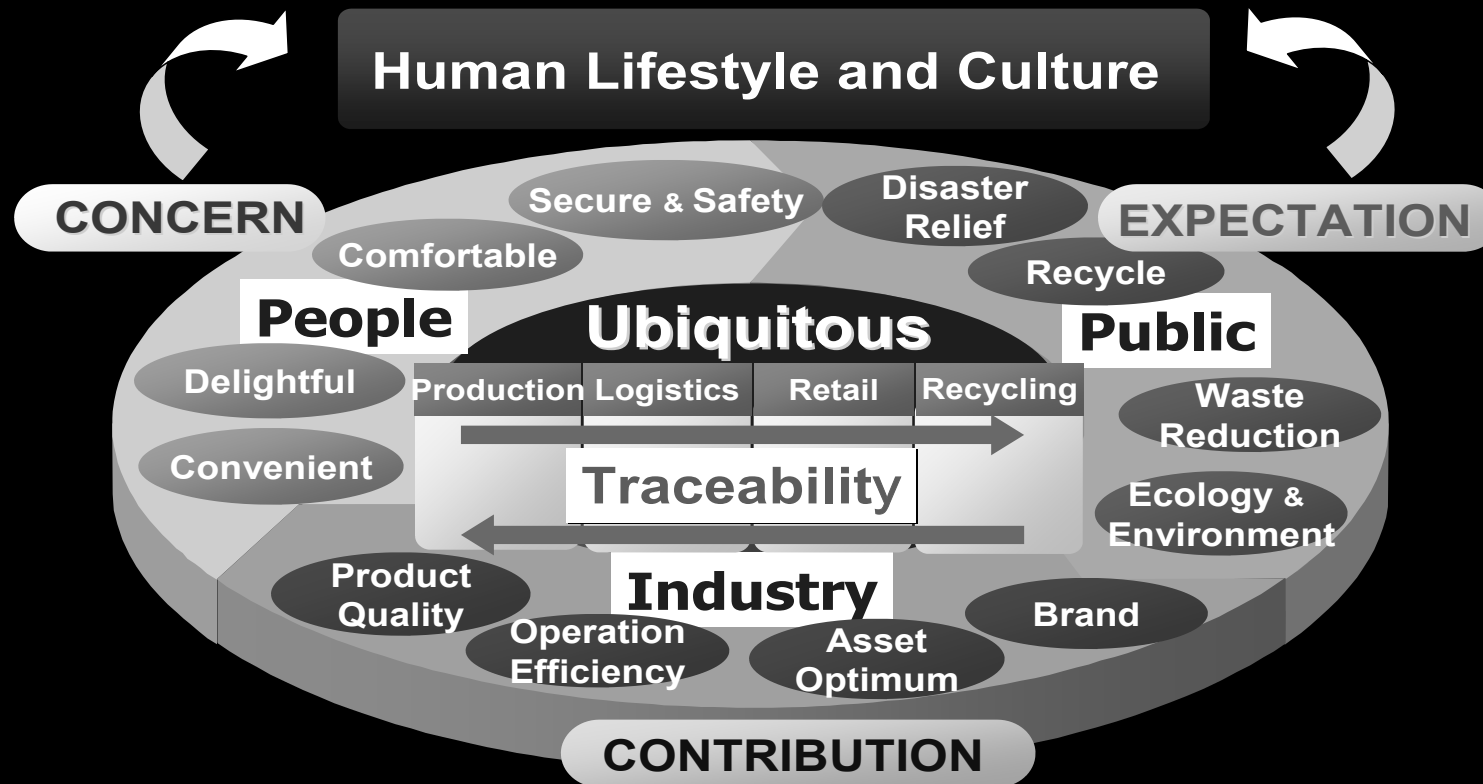
Dr. Peter Friess

6th CERP Cluster Meeting
Sophia Antipolis
9-10th June 2008

European Commission
Information Society and Media

Towards an Ubiquitous Network Society

- RFID enabled -

Human Lifestyle and Culture

CONCERN

EXPECTATION

Secure & Safety

Disaster Relief

Comfortable

Recycle

People

Ubiquitous

Public

Delightful

Production | Logistics | Retail | Recycling

Waste Reduction

Convenient

Traceability

Ecology & Environment

Product Quality

Industry

Operation Efficiency

Asset Optimum

Brand

CONTRIBUTION

How the journey will continue

- <u>Research on applied RFID</u>:
  FP6 - IST call 5 projects are in process of becoming mature

- <u>Research on more sophisticated RFID</u>:
  FP7 - ICT call 1 projects have started to touch ground (IPs, STREP, CSA)

- <u>Research on IoT and next generation EI</u>:
  FP7 - ICT call 5 in 2009

- <u>CIP PSP</u>:
  2008 - RFID Thematic Network
  2009 - Pilot on RFID

How the journey will continue (cont'd)

- <u>RFID Recommendation on Security and Privacy</u>: publishing in September 2008

- <u>Publishing of a Communication on IoT</u>: end 2008 / beginning 2009

- <u>Conferences</u>:
  22/09/: EU-US RFID Lighthouse symposium, Washington DC
  06/10 - 07/10: IoT, Internet of the Future, Nice, French Presidency
  25/11 – 27/11: ICT Event 2008, Lyon

- <u>FP7 – IST Information day</u>, January or February 2009; Budapest

- <u>Next joint EU / EPoSS workshop / Information day</u> on the "Internet of Things", February 2009, Brussels

How the journey will continue (cont'd)

- <u>EU project events</u>:
  18th June GRIFS Open Meeting, Diamant Building, Brussels
  30th June CASAGRAS/GRIFS Open day, AIDC, Halifax (Leeds), UK
  09th September CE-RFID Final conference, Brussels

- <u>Activities of the Research projects and Support Actions</u>

- <u>National and regional activities in the Member States</u>

- <u>Activities of the RFID Expert Group</u>

- <u>…</u>

CERP cluster

- Integration of new projects

- Creation of larger impact in Europe beyond scope of individual projects

- Working on the strategic research agenda of the cluster

- Network building and reinforcement

- Naming CERP -> CE…P?

- 3rd DVD on RFID - input from the Cluster needed: updated description + agenda + videos

EU-US RFID Lighthouse symposium (Washington DC, September 22, 2008)

- EC and the United States Government (USG) are working together under the Transatlantic Economic Council (TEC) Initiative to develop a roadmap for cooperation in the field of Radio Frequency Identification (RFID)

- More information and pre-registration:
  http://ec.europa.eu/information_society/policy/rfid/events/index_en.htm

- Relevant applications areas are:
    - Pedigree Tracking/Anti-Counterfeiting and Authentication
    - Food and Agricultural Safety and Related Applications
    - Transportation Applications
    - Shipping Security Applications
    - Environmental Benefits
    - Health Benefits
    - Consumer Convenience

- The symposium day is followed by a second day (September 23, 2008) co-organised by the Federal Trade Commission (FTC) and the EC on "Strategies for Mitigating Risks to Consumers".

06/10 - 07/10: IoT, Internet of the Future, Nice, French Presidency

- GRIFS and CASAGRAS are accepted for the Session 4A on 7th October. (contact person for GRIFS needed)

- Proposal from the organiser that the CERP cluster exhibits at the conference (special fee 1000 €) -> feedback to be given

- Search for speaker from China (gov., industry)

25/11 – 27/11: ICT Event 2008, Lyon

- Event will host leading visionaries from academia and industry and will address topics as diverse as Europe's role in shaping the future internet, ICT's contribution to advancing the sustainability agenda and alternative research paths for future ICT components and systems.

- At the moment, proposals for the exhibitions are evaluated

CIP – ICT Policy Support Programme on RFID

- 2008

  A European Concerted Effort on RFID
  Funding Instrument: Thematic Network (~ 1 TN)
  http://ec.europa.eu/information_society/activities/ict_psp/particip
  ating/calls/call_proposals_08/index_en.htm
  deadline 09/09/2008

- 2009

  RFID pilot

ICT Call5

- Call to be published in 2009 (1st half)

- Focus will be on the Internet of Things:
  Architectures and technologies
  Integrated business solutions
  International coordination and co-operation

- Infoday early in 2009 in Budapest plus informal one in Brussels

Always an excellent one stop shop

http://ec.europa.eu/information_society/policy/rfid/index_en.htm