

European Commission  
Directorate General Information Society and Media

# RFID in Europe

Dr. Peter Friess

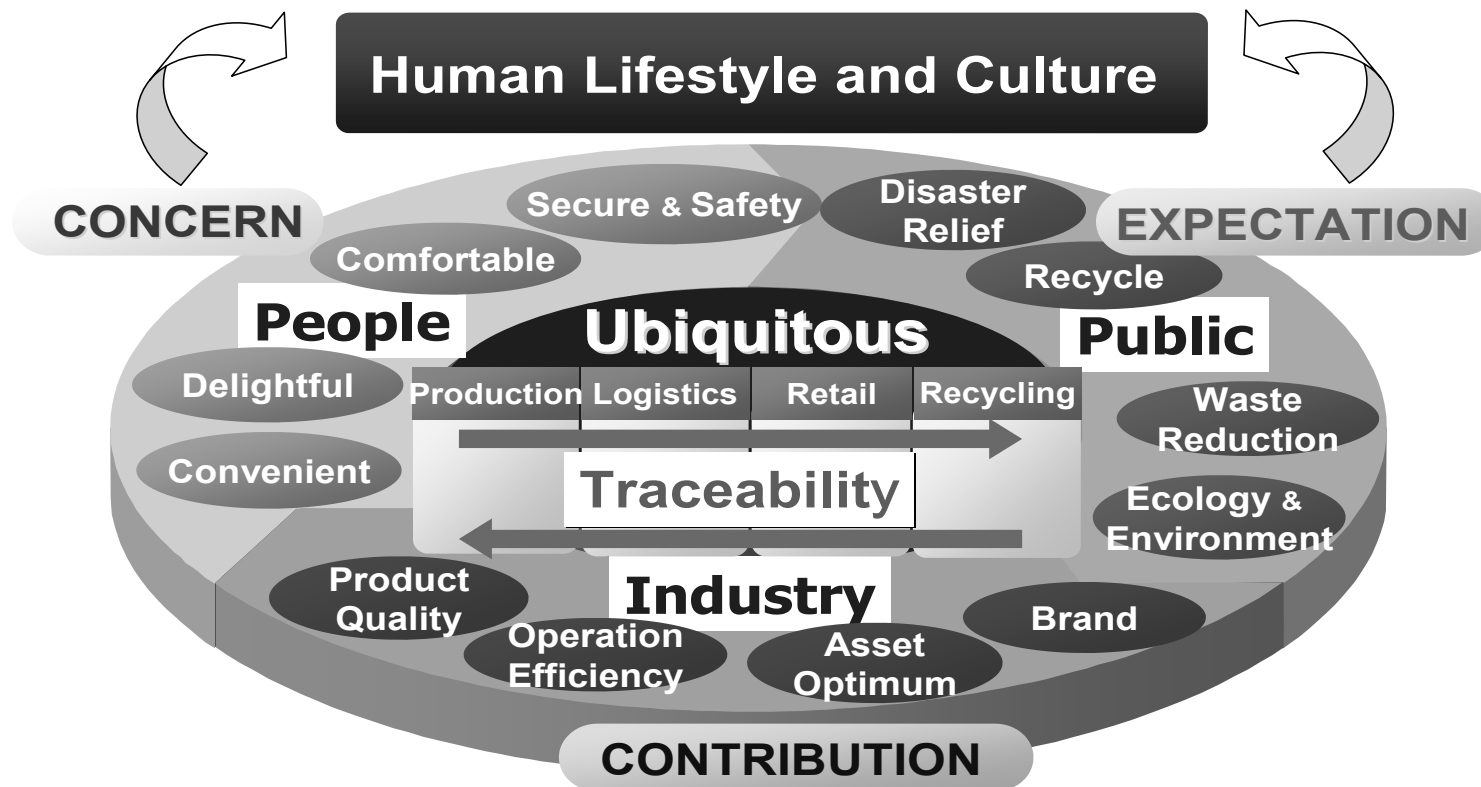
RFID and network aspects of RFID  
ETSI workshop, Sophia Antipolis  
25th February 2008



European Commission  
Information Society and Media

# Towards an Ubiquitous Network Society

- RFID enabled -



Source: Ryo Imura

# Towards an Ubiquitous Network Society (cont'd)

## Today:

- Identification technologies
- Sensor technologies
- ...

## After tomorrow:

- Internet of Things
- ...



# Main pillars of the European Commission's RFID policy work in Europe

- Policy work  
(legislation, communications, recommendations, ...)
- Funding of programs and initiatives  
(Framework Program, Competitiveness & Innovation Program,  
Tenders, ...)
- Cooperation with standardisation and specification  
bodies and technology platforms  
(ETSI, CEN, CENELEC, EPCglobal, EPoSS)
- Information and awareness campaigns  
(conferences, DVDs, ...)



# Current major activities

- ➔ Cluster of European RFID projects (~ 20) from Framework Programs 6 and 7:
  - ➔ Integrated projects, targeted research projects and support/coordination actions
  - ➔ Creation of larger impact in Europe beyond scope of individual projects
  - ➔ New orientation for the CERP cluster targets “Internet of Objects”
  - ➔ New co-ordinator is Patrick Guillemin (ETSI)



# Current major activities (cont'd)

## → FP7 Support and Coordination Action CASAGRAS:

### → CASAGRAS focuses in particular on:

- Platform for international collaboration on all aspects of standards and regulations relating to RFID including the Internet of Things
  - Framework and supporting documentation as basis for user and planner support
  - Foundation framework for global numbering, governance and maintenance with respect of today and the future global support requirements within the Internet of Things
- It will be ensured that the CASAGRAS Global RFID Forum is complementary to the forum to be established by GRIFS



# Current major activities (cont'd)

## → FP7 Support and Coordination Action

### GRIFS:

#### → GRIFS focuses in particular on:

- Documentation of the standards activities taking place globally on RFID applied to physical items
- Creation of liaisons to disseminate information about the importance of global standards and to align RFID standards development globally
- Establishment of Put in place a 'Global RFID Interoperability forum for Standards' (GRIFS)

#### → Representatives of GRIFS will consult CASAGRAS on the the input of information



# Current major activities (cont'd)

- EC RFID Expert Group:
  - Consults on Privacy and Security in RFID applications and on specific challenges towards the Internet of Things
  - Established by a formal Commission decision for two years
  - Input for political activities





# Current major activities (cont'd)

- Future of the Internet initiative:
  - Creation of a “Super-Cluster” of established FP7 EU research projects in order consolidate forces (Network Architecture and Mobility, Internet of Things, Content creation and delivery, Services Architectures)
  - Parallel initiative to initiatives in the US and Japan
  - Establishment of a Manifesto at the Bled conference (Slovenia) from 31<sup>st</sup> March until 2<sup>nd</sup> April 2008



# Current major activities (cont'd)

- EPoSS – European Technology Platform on Smart Systems:
  - Industry-driven technology platform for a scope larger than only RFID
  - Help for shaping future research agenda on RFID



## Current major activities (cont'd)

- ➔ CIP – ICT Policy Support Programme on RFID:
  - ➔ Set-up of a European Network on RFID supported by the EU Competitiveness and Innovation Framework Programme
  - ➔ Sharing of best practises and development of common policies
  - ➔ Participants from all Member states
  - ➔ Call expected to close on 9 September 2008; Information day on 12th March in Brussels



# Please do not forget!!

- **Public consultation on the “RFID Privacy and Security Recommendation”**
- until 25th April 2008
  
- <http://ec.europa.eu/yourvoice/ipm/forms/dispatch?form=RFIDRec>



# ... and

- 31/03 – 02/04: Internet of the Future Conference, Bled, Slovenian Presidency
- Beginning July 2008: Symposium in Washington on EU and US RFD lighthouse pilot projects (tbc)
- 06/10 - 07/10: Internet of Things, Internet of the Future, Nice, French Presidency
- 25/11 – 27/11: IST Event 2008, Lyon



