



## **FOCUS GROUP MEETING ON Embedded Systems & Ambient Intelligence**

### **FG ORGANIZATION**

**Infonomics & New Media Research Centre  
Zuyd University, The Netherlands**

### **DATE**

**31th Octobre 2008**

### **PLACE**

**European Journalism Centre, Maastricht, The Netherlands**

### **PARTICIPATING PROJECT PARTNERS**

**CSSC, CESAGEN, OPTEL**

HOGESCHOOL ●●● ZUYD



Research Centre  
Infonomics and New Media

## Agenda

11.15-11.30 Welcome & Introduction *Dr. Irma van der Ploeg*

11.30 – 11.45 Introduction to the HIDE project *Dr. Emilio Mordini*

11. 45 -12.30 Expert Presentations

11.45 -12.15: *Dr. Dimitrios Tzovaras*

Informatics and Telematics Institute,  
Thessaloniki Greece, Project coordinator ACTIBIO.

12.15 -12.45: *Dr. Ruud van Munster*

Senior Consultant Biometrics and Surveillance, TNO  
Science and Industry, Delft, The Netherlands.

12.45-13.00 : Q&A

13.00-13.45 Lunch at the EJC

13.45 – 14.00 Introduction Focal Issues *IvdP*

14.00-15.30 Round Table Discussion *Chair: IvdP*

15-25-15.35 Tea Break

15.30 – 15.45 Preliminary Conclusions *Dr. Emilio Mordini*

15.45 – 16.00 Further planning FGs, question round for suggestions, wrap up.

## HIDE WP 3 Critical Issue Identification

- **Technology Convergence** Sagem Securite
- **System Interoperability** International Biometrics Group
- **Privacy Enhancing Technologies** CESAGEN  
Lancaster / Cardiff Univs
- **Embedded Systems/Aml** INM – ZUYD Univ

# Aim

- To develop an ethical brief in which
- The main critical ethical, social, and policy issues concerning a specific technological development are identified and
- views on these issues formulated.

# Set up

- Three half-day **meetings** over 2 yr period to generate input for ethical brief
- Short **expert presentations** on relevant current technological developments
- **Round table** discussion on a predefined set of key questions
- Results from meetings used to **draft ethical brief**
- Intermediary results posted on **website** and put up for comments from participants etc.
- Finalisation deliverable: **ethical brief**

# Participants

- Technology Experts – presenters
- Multi-disciplinary Experts – participants
- Project partners
- FG organiser
- WP coordinator
- EC project coordinator

# FG Embedded Systems / Ambient Intelligence

- Many overlapping terms available:  
Embedded Systems, Ambient Intelligence, Ubiquitous Computing, Pervasive Technology, Internet of Things, Ubiquitous Information Society
- Key feature:  
Shifting of computing power into the physical and/or built environment
- Our HIDE – focus within this domain:  
Identification, authentication, automated person detection for ‘security’
- Further narrowing down:  
Body - targeting technologies

# Background – relevant EU docs

- ◇ **European Commission** (2007) *Communication: Radio Frequency Identification (RFID) in Europe: steps towards a policy framework*, Brussels, march 15, COM(2007)96 final.
- ◇ **The European Data Protection Supervisor (EDPS)** (2007) *Opinion on the Communication from the Commission on 'Radio Frequency Identification (RFID) in Europe: Steps towards a Policy Framework' COM(2007)96*, Brussels, December 26, 2007.
- ◇ **Article 29 Data Protection Working Party** (2005), *Working Document on Data Protection Issues Related to RFID Technology*, January 19, pp.1-21
- ◇ **European Group on Ethics in Science and New Technologies** (2005) *Opinion on Ethical Aspects of ICT Implants in the Human Body*, March 16.

And:

- ◇ **Article 29 Data Protection Working Party** (2007), *Opinion 4/2007 on the Concept of Personal Data*, June 20, Brussels, pp. 1-26

# Tasks ahead

*Background doc distributed*

- Meeting 1 :
  - Precise topic delimitation & formulation key questions

*1st draft brief*

- Meeting 2:
  - Assessing positions and arguments concerning these issues in relevant EU docs
  - Identification of issues not (adequately) addressed

*2nd draft brief*

- Meeting 3:
  - Developing position on these issues

*Final draft*