Future Internet Socio-Economics

Future Internet Assembly
Prague
Czech Republic
May 11-13, 2009

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Our Purpose

**FP7 Projects**
- current challenges

**Invited Experts**
- viewpoints

**FISE Multi-Disciplinary Community**
- future challenges

**Goal**: vision, roadmap and trends

**Scope**: economic impact, value models, engagement/incentives, security, regulation, European interests, etc

**Future Challenges**
- socio-economic impact assessment

Current Challenges

**I&T**
**RWI**
**FCN**
**FIRE**
**MANA**
**FISO**

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Socio-Economic Context

• Sustainability
  – environmental impact of socio-economic activity
  – new economies – escaping Ehrlich

• Globalisation
  – European engagement and opportunities
  – European assets and values

• Societal values, including
  – health, privacy, security, family and friends
  – freedom, opportunity, enjoyment and socio-economic inclusion, etc

• Key challenges are related to relationship between socio and economic aspects
  – i.e welfare helps individuals work productively and contribute to their community
FISE Scenario Analysis

- Scenarios proposed by FISE group
  - Mobile devices primary means for Internet access
  - Content creation, combination and publication is done by anyone
  - There are many Internets
  - All devices connected to Internet
  - From the "internet of things" to the "internet of people"

- Scenarios proposed by EC
  - [CIT-INC] Video and other services as you dream them … but not yet quite so
  - [BUS-INC] Assisted living scenario: keep people away from the hospital
  - [CIT-VIS] Me, Anywhere, Aboveware
  - [BUS-VIS] The Modalia Times
Incremental Scenario Summary

[CIT-INC]

- Acceleration of asynchronous communication
- Continued blurring of individual boundaries (work, home, social)
- Reduced need to remember
- Increased influence of search engines
- Decentralised information markets
- Community and non-expert service creation, opinion and influence
- Increased self-healthcare
- Continued loss of privacy in the past

[BUS-INC]

- Personal mobile sensor and actuator services
- Increased power to the mobile operators
- Continued IPR ambiguity
- New value chains building on open service and network APIs
- Intelligent and collaborative logistics for business and consumers
- Continued ICT supported economic efficiencies
Visionary Scenario Summary

[CIT-VIS]

- Internet of people
- Self-organising online social governance and value systems
- Services and regulation to support vulnerable users in mixed real and virtual environments
- Emotional security and associated attack models
- Systems know more about a user’s environment and expected reaction than they do
- Societal health monitoring and response strategies
- Personal carbon trading
- Social divide due to different access to Internet (s)

[BUS-VIS]

- New sustainable digital economies
- New socio-economic value models for Europe
- Regulated Internet (regional and technical responses to challenge of globalisation)
- Specialised Internets
- Volatility management for massive networks of services
Our Agenda (May 13)

• 08:15 - 08:25, Introduction
  – Spiros Spirou, Intracom Telecom, FP7 SmoothIT
• 08:25 - 08:45, Keynote: "Freeing Science"
  – Eric Meyer, Oxford Internet Institute
• 08:45 - 09:05, Position statements (5 min each)
  – Moderator: Mike Boniface, IT Innovation Centre, FP7 IRMOS
  – George Stamoulis, Athens University of Economics and Business, FP7 SmoothIT
  – Fabrice Forest, Pierre-Mendes-France University, FP7 SENSEI
  – Guillermo Gil Aguirrebeitia, ROBOTIKER-Tecnalia, FP7 m:Ciudad
  – Phil Eardley, BT, FP7 Trilogy
  – Susanna Avessta, Dimes Association, FP7 FIREworks (Experimental Facilities)
• 09:15 - 10:35, Panel Q&A, project statements, open discussion
  – Moderator: David Hausheer, University of Zurich, FP7 SmoothIT
• 10:35 - 10:45, Summary and next steps
  – Mike Boniface, IT Innovation Centre, FP7 IRMOS
Your Input

• All participating projects are invited to deliver a project statement during the discussion part
  – Max. 1 slide / 2 minutes per project

• Slides shall be sent by email to the 3 caretakers
  – hausheer@ifi.uzh.ch, spis@intracom.com, mjb@it-innovation.soton.ac.uk
  – Deadline: May 12 eob (TODAY)
Important Pointers

• FISE Session Website

• FISE Scenarios

• FISE White Paper

• FISE Mailing List
  – https://lists.ifi.uzh.ch/listinfo/fia-fise
Contacts

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