

FIA Valencia

Session: What does Future Internet mean for enterprise?

15 April 2010, 11.30 – 13.30 Hour

Version 1.0

Background and Objective

This session is motivated by the outcome and follow-up activities of the FIA Stockholm “Enterprise” session. The FIA Stockholm session debated the problem statement “What will the Future Internet deliver for Enterprises”. A set of tentative topics were identified, discussed and prioritised. Open consultation on these topics is ongoing. Full details, including a set of resources compiled from all available contributions, are available at the public wiki <http://services.future-internet.eu/index.php/Enterprises>.

The objective of this session is to further advance the Stockholm results by:

- Stimulating additional debates on several of the priority topics
- Attracting new inputs from a broad spectrum of stakeholders of FIA
- Reaching agreement (where possible) on the direction of the Future Internet research that would motivate, enable and support enterprises, including SMEs, to achieve their business aspirations and objectives, thereby creating a positive impact on the economy and society.

This session is planned in close consultation with the Future Internet Enterprise Systems (FInES) Cluster of DG INFSO, taking into account the Cluster’s recent publications¹. These include analysis of the economic crisis context and ICT-enabled enterprise transformation, as well as the final version of the FInES research roadmap expected to be released in the coming weeks.

Target Participants

The session is targeted at all stakeholders of FIA. We emphasise the multi-disciplinary nature of the enterprise domain and welcome participation from all members of the FIA working groups.

The session has been structured to encourage energetic debates and active participation by all.

Organisation

To support a successful session, all materials related to the session including additional resources, will be published at the above public wiki. Interested parties are encouraged to provide contributions via the wiki in the run up to Valencia.

The next FInES Cluster Meeting, expected to take place before FIA Valencia, will allocate time to help prepare for the session².

Session Description

Recent research and our ongoing consultations suggest that the new drivers for prosperity and growth will come from innovation and from using resources better, where the key input will be knowledge. Future competitiveness will be driven by factors far beyond conventional economic dynamics. Instead, the focus is increasingly on conserving and making more effective use of

¹ http://cordis.europa.eu/fp7/ict/enet/ei_en.html.

² The FInES Cluster and its meetings are open to all. See the URL immediately above for contacts etc.

energy, natural resources and raw materials; it is also on social cohesion, tackling unemployment and fostering social inclusion. European enterprises have the opportunity to thrive in this post-crisis landscape by means of environmentally and socially responsible business innovation and creativity.

Enterprises of the future are envisioned to be ever more open, creative and sustainable – they will become *Smart Enterprises*. Smart enterprises will reap competitive advantage through innovation. Innovation is at work at different levels. It includes not only products, services and processes; but also the organisational model and the full set of relationships that comprise the enterprise's value chain. The unifying glue is the enterprise's business model. New value propositions and business models will arise, generating new demands for and from ICT. The Future Internet will best support and enable enterprises by directly meeting requirements as determined by the business models. It will give enterprises a new set of capabilities not possible today. Specifically, Future Internet will enable enterprises to innovate through flexibility and diversity in experimentation with new business models, structures and arrangements.

The time has come to consider what Future Internet systems may be, that will deliver to and deliver for future enterprises. Whatever they might be, one thing is certain – those systems will not be based on technologies in silos. Instead, it is envisioned that they will directly reflect the “*DNA of the Future Internet*” so that they are, for example, simple to use, adaptable to dynamic needs, customisable to highly specialised markets, affordable to small budget holders, as well as having the required technical attributes of accessibility, reliability and interoperability. They will be enterprise-centric rather than technology-centric. The availability of such systems would lead to an explosion of adoption by particularly SMEs. The DNA of the Future Internet would become the building blocks for potentially an unlimited array of value-added enterprise applications.

The session will focus on the following themes, emphasising the central role of innovation in catalysing Europe's economic recovery and pursuing future growth and prosperity:

- **Vision:** Smart Enterprises of the future and Innovation as a business routine
- **Business Models:** business models to support new value propositions and drive new business values
- **Future Internet Systems:** next generation systems that will support enterprises to innovate and thrive in the post-crisis landscape.

Agenda Outline

- Welcome and introduction (5 minutes)
- Short position statements of invited speakers and discussion (40 minutes)
- Three parallel knowledge cafes, each covering one of the three themes above; two sessions of 30 minutes each, with participants rotating once (60 minutes)
- Summary and wrap up (15 minutes)

Note: Target speakers are colleagues from industry and renowned scholars/experts, especially if they have not been involved in FIA so far. A candidate list is being compiled.

Caretakers

Man-Sze Li (FISO, FISE), Sergio Gusmeroli (FISO), Jean-Dominique Meunier (NEM, FCN), Michele Missikoff (FISO), Stefano de Panfilis (FI PPP)*, John Kennedy (FISO, RWI)*

* invited, TBC