

FIA Valencia

Session: What does Future Internet mean for enterprise?

15 April 2010, 11.30 – 13.30 Hour

Version 2.0

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.

The session has been planned to encourage energetic debates and active participation in advance of, during and after FIA Valencia.

Organisation

Inputs from all interested parties in the run up to FIA Valencia are actively sought. These inputs will be fed directly to the Open Discussion Panel, a main agenda item of the Enterprise session in Valencia.

A dedicated section is available at <http://services.future-internet.eu/index.php/Enterprises> for all interested parties to provide inputs as from 22 February 2010. Please contribute!

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

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

All materials related to the session including additional resources, will be published at the above public wiki.

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 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.

² The FInES Cluster and its meetings are open to all. See the URL in footnote 1 for contacts etc.

Agenda Outline

- Welcome and Introduction (5 minutes)
- Presentation Panel: Short presentations of invited speakers (45 minutes)
- Open Discussion Panel: Three consecutive sub-panels, covering the three themes indicated above, actively engaging the audience (60 minutes)

The discussion panel will draw upon prior inputs provided via the public wiki in the run up to FIA Valencia, inputs arising from the speakers' presentations, and direct inputs from the audience during the session; the appropriate electronic means to support real time collection of inputs and interaction with the audience during the session is under consideration.

- Summary and Wrap Up (10 minutes)

Caretakers

Man-Sze Li, IC Focus (FISO, FISE), Stefano De Panfilis, Engineering (FI PPP), Sergio Gusmeroli, TXT (FISO), John Kennedy, Intel (FISO, RWI), Jean-Dominique Meunier, Thomson (NEM, FCN), Michele Missikoff, CNR (FISO)