

Next Steps

Paradiso conference
« ICT for a Global Sustainable Future »
Brussels, 22-23 January 2009

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ICT can play a central role for sustainability

- “business as usual is simply not an option”
- “we cannot measure everything only in economic terms”:
 - How to measure “Global ICT Happiness”?
 - How to involve social stakeholders more effectively in the definition of ICT priorities?
 - Should we add a sustainability evaluation criterion?
- Need to improve confidence in statistics (wiki for progress)
- Distributed information and energy production



ICT can play a central role for sustainability - 2

- Need for multidisciplinary approach
 - Reconciling humanistic and scientific disciplines
- Specific topics:
 - energy efficiency, e-health, e-democracy, environment and animal monitoring, distributed databases ...
- Need for open and free standards
- Global cooperation needed to solve a global problem



what will be done in the EU

Experimentally-Driven Research in WP 2009-2010 obj. 1.6 20 Me in ICT Call 5: publication 31/7/09 deadline 3/11/09

- “Visionary **multidisciplinary** research on Future Internet (protocols, architectures, services):
 - consisting of **iterative cycles of research, design and large-scale experimentation** of new and innovative network and service architectures and paradigms for the Future Internet
 - from an **overall system perspective [...]**
 - Research should **consider the Future Internet as a complex system** and therefore **address all the associated aspects in a holistic vision and at all relevant levels and layers**
 - This includes **taking into account energy, low cost, environmental or socio-economic aspects”**



ICT WP 2009/10 - Objective 1.6: Future Internet experimental facility & experimentally-driven research

Building the FIRE experimental facility & stimulating its use

**25 M€
for IPs**

**FIRE Components
(gradual expansion)
(20%)**

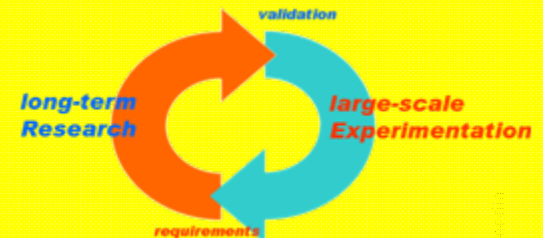
**FIRE Users
(user stimulation)
(20%)**

**Defining the
challenges for
the facility**

**Taking
advantage of
the facility**

**FIRE experimentally
driven research**

**20 M€
for STREPs**



Co-ordination and support actions - 5 M€ for CSAs

ICT Call 5 - publication 31/7/09 deadline 3/11/09

Next Steps

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- Publishing presentations, streamings and reports from this event
 - Updating the Paradiso reference document
 - Online consultation FORUM, open for comments
- Participating to the study “Towards a Future Internet - Interrelation between technological, economic and social trends”
 - Through interactive “social networking” website
 - Future conferences
- Participate in the future ICT calls 4 and 5
 - E.g. FIRE call (ICT obj. 1.6) open June 2009

