



FUTURE INTERNET RESEARCH AND EXPERIMENTATION and LIVING LABS

**FIREweek
Luleå**

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DG Information Society and Media
New Infrastructure Paradigms and Experimental Facilities





Talk Swedish, first lesson

- ☐ LULEÅ
- ☐ Tack så mycket (Thank you very much)
- ☐ Var så god (Please)



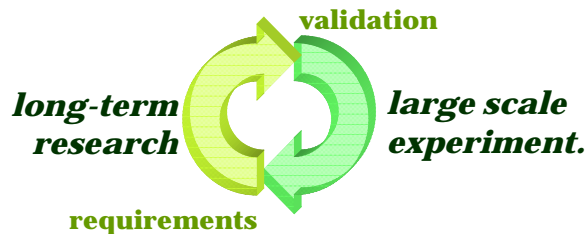


Purpose of FIRE

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"creating a research environment for investigating and experimentally validating highly innovative and revolutionary ideas"

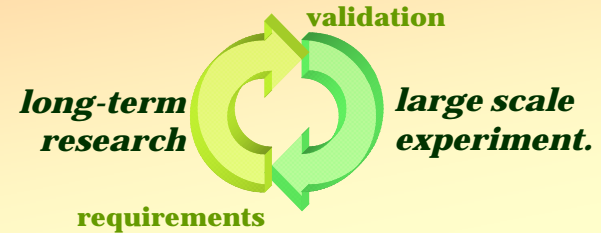
To investigate, test and compare, at large scale, new paradigms and future internet architectures, and their socio-economic impact



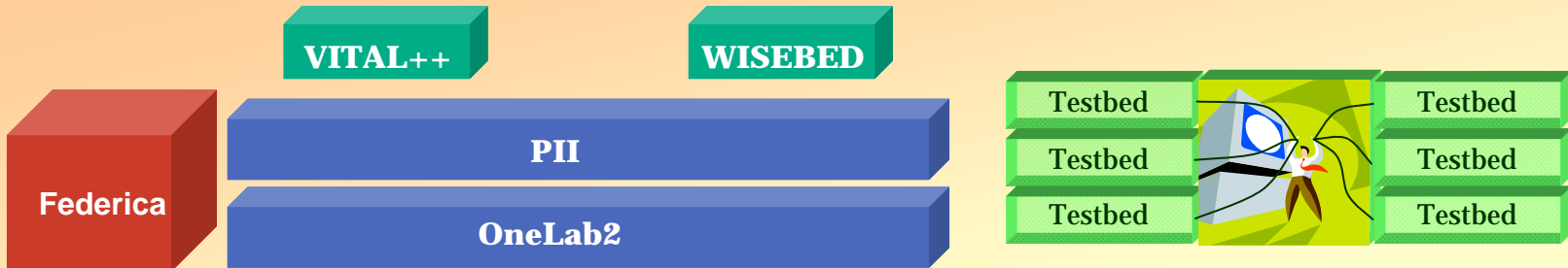


FIRE - Overview of Projects

experimentally-driven, multi-disciplinary research



Building the experimental facility



support actions



(from Call2 Objective 1.6: Community Funding 40 M€)



FIRE - main project partners

- **Industries/SMEs:** Alentia, Alcatel-Lucent, Ericsson, Dimes, Nokia, Thales, Intel, Italtel, NEC Europe, Thomson , Norut, Solinet, BCT, PLA, OCTO
- **Operators:** BT, France Telecom, Deutsche Telekom, Cosmote, OTE, RBB, Telefonica, Telekom Austria, Telekomunikacja Polska, Turkcell, VoiceGlobe, Vodafone-Panafon
- **Research Centers:** ETH, Fraunhofer, WIT, Create-Net, RACTI, CNIT, EURESCOM, CERTH, INRIA, CNRS, KTH, CTRC, IBBT, Club of Rome, MIT, NICTA
- **Universities:** Athens, Basel, Berlin, Bern, Braunschweig, Bucharest, Delft, Dublin, UPC, Geneva, Jerusalem, KCL, Lancaster, Liege, Lubeck, Lulea, Palermo, Passau, Patras, Madrid, Paderborn, Pisa, Poznan, Surrey, Tel Aviv, UPMC, Uppsala, Warsaw



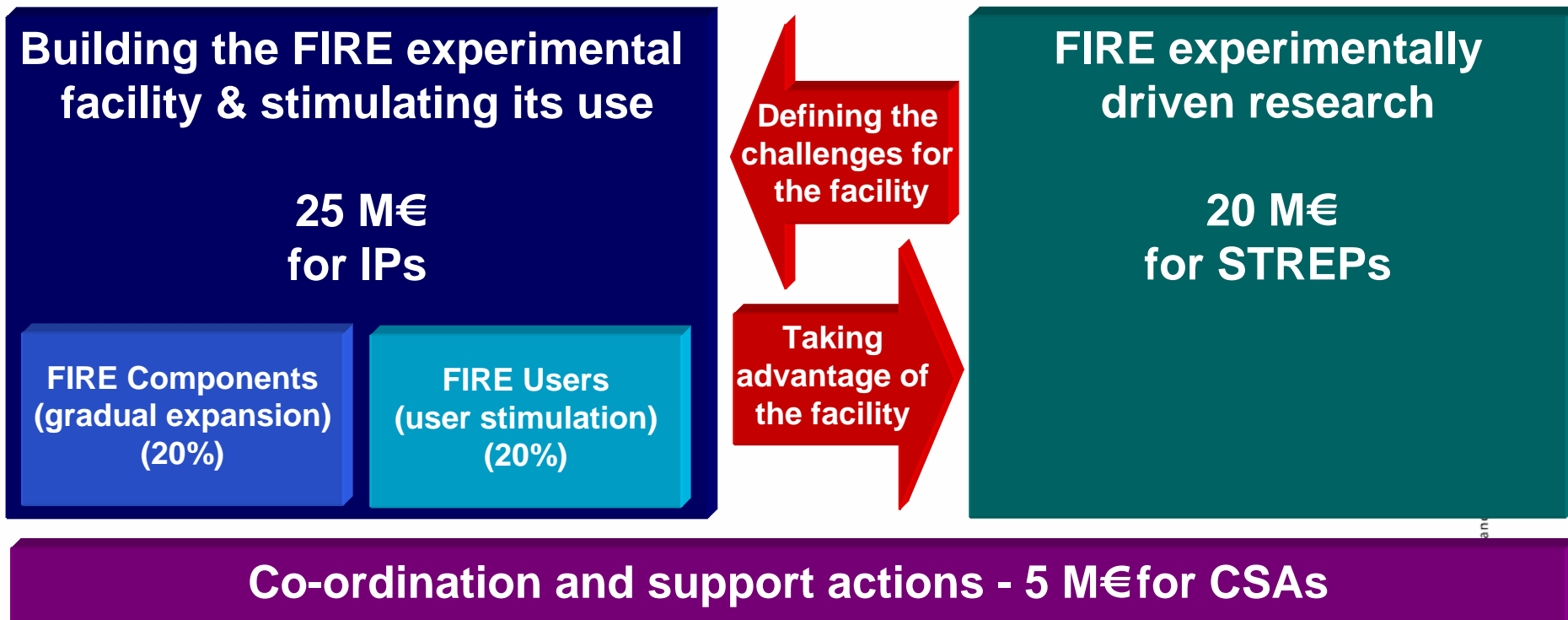


FIRE Challenges for 2009 and beyond

- ❑ Working prototypes of the FIRE facility projects by end of 2010 (~ 9 months into Call 5 projects)
- ❑ Collaboration of FIRE facility projects in Working Groups
- ❑ Match the offer of the FIRE prototypes with the demand by research projects across Challenge 1
- ❑ Establish FIRE Research as the Grand Challenge projects for the FIRE Facility
- ❑ Establish bilateral federations between FIRE prototypes and with other EU national or international facilities
- ❑ Establish FIRE as an integral part of a potential Future Internet PPP



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





Co-ordination and Support Actions

- ❑ Coordination of related *EU-level and MSs* / ACs activities: *International co-operation* with other initiatives in industrial and emerging countries: Collaboration on *standardisation* in order to exploit synergies
- ❑ *Multidisciplinary networking* of research communities addressing both *technological, socio-economic and environmental* aspects of the Future Internet
- ❑ Co-ordination of *experience research and user-driven open innovation* activities establishing common concepts, tools, roadmaps, methodologies, including the sharing of best practices across pilots and sectors.



FP7 ICT WP 2009-10: General encouragement to apply LL methodologies and involve the user



- ❑ Bridging the gap between technologies and applications.
- ❑ Integrating all relevant actors in a flexible service and technology innovation ecosystem.
- ❑ Bring the user in the loop early in the R&D cycle.
- ❑ Proposers are encouraged to apply LL methodologies



conclusions

- Building the prototype of the FIRE facility - dynamic, sustainable and open
- More experimentally-driven visionary multidisciplinary research, defining the challenges for the facility.
- Involve users through open innovation whenever possible
- Now is the time to prepare for Call 5

tack så mycket!!
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Talk Swedish, second lesson

- ÅSA
- SKÅL
- Tack så mycket, var så god, SKÅL!
Välkommen till Luleå Åsa

