



FIRE Facilities offerings for Future Internet Research

FIREweek

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New Infrastructure Paradigms and Experimental Facilities



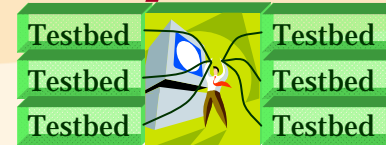
Agenda

- Video on FIRE Facility Offer
- *Jerker Wilander*: First ideas on a framework for collaboration and federation of FIRE facility projects
- *Didier Bourse*: Towards a PPP on Future Internet
 - The role of experimentation from an industrial perspective
- Comments from the major FIRE Facility projects:
 - *Serge Fdida*: Onelab 2
 - *Anastasius Gavras*: PII
 - *Martin Potts*: Federica

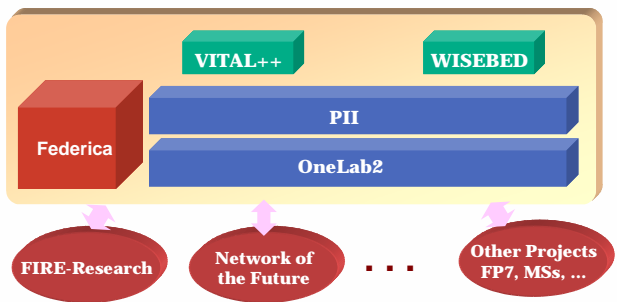




Building the FIRE experimental facility and stimulating its use



FP7 – WP 2007/08: Prototyping the federation concept

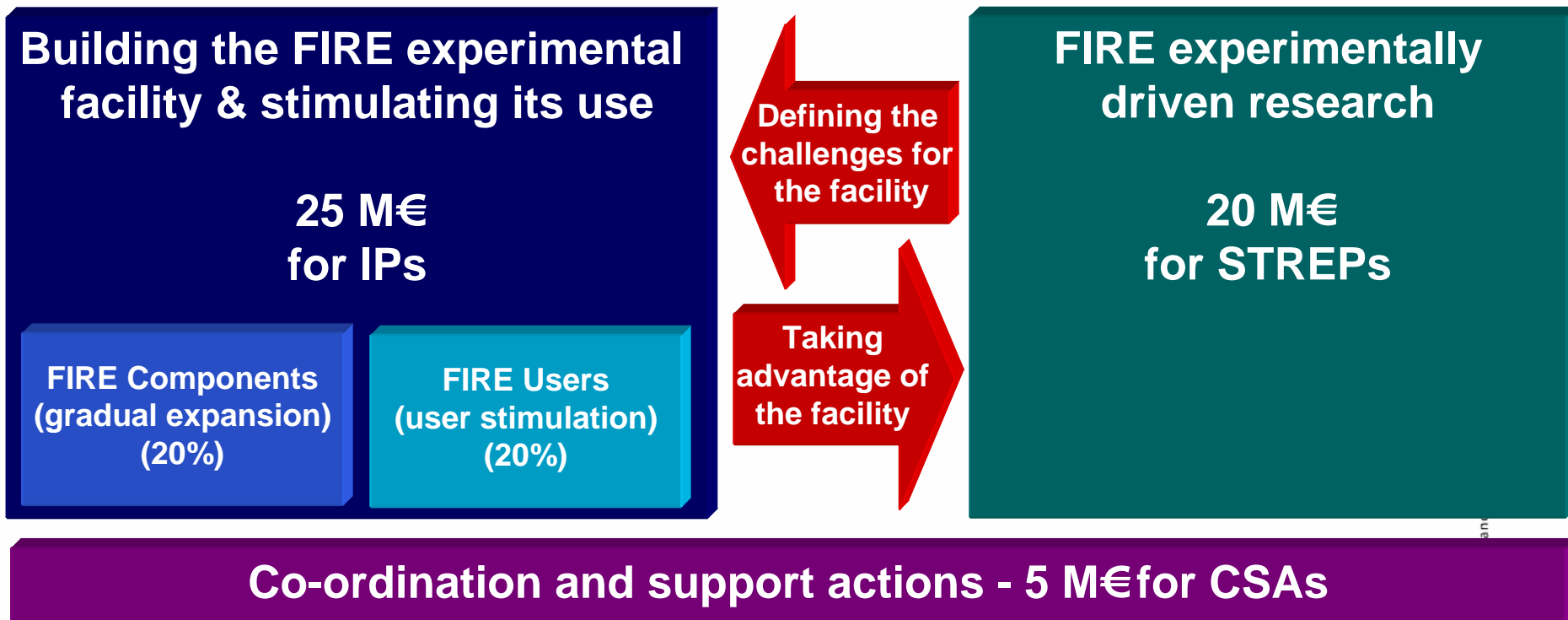


FP7 – WP 2009/10: Building the facility + stimulating its use

- building the FIRE Facility to consist of several FIRE Facility Projects based on the design principle of **open coordinated federation of testbeds**
- supporting **FI Research at all stages** of R&D cycle
- **expanding the scope** towards experimentation at large scale & comparison of visionary approaches for
 - ✓ network architectures and technologies
 - ✓ service architectures and platforms
 - ✓ networked media & trustworthy infrastructures
- experimentation with the FI as a system cutting across layers or being layer less
- direct involvement of user communities
- dynamic, sustainable, open
- early operational prototypes of **FIRE Facility projects** - to be gradually expanded
- stimulating **innovative use** of the FIRE Facility by research customers

- open and dynamic
- focus on network connectivity layers
- supporting academia and industry
- proof-of-concept → pre-commercial tbs
- understanding the socio-economic dim.
- **availability & gradual expansion of prototype services starting in 2008**

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





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
 - towards high level federation/collaboration/integration
 - sharing a joint user-friendly customer portal
- ❑ 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

