



The role of FIRE in promoting innovation and competitiveness

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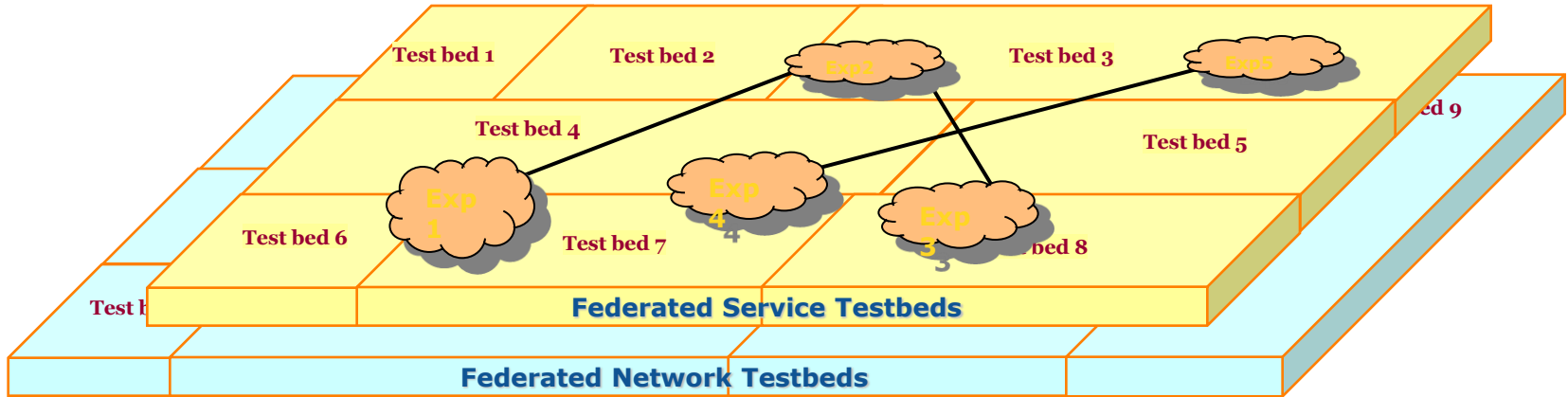
Agenda

- How FIRE can promote innovation
- The questions of brokerage & sustainability
- FIRE and EIT ICT Labs future collaboration



FIRE Experimental Facility

User Communities



FIRE Research





How can FIRE promote innovation?

- You are an innovator or entrepreneur or SME with beta technology or innovative idea but not fully tested
- Your innovation relates to the internet (from networking protocols to applications and services)
- You need a facility for validating your innovative research and development on large scale or real conditions
- FIRE can help you in giving you access to such facilities.

FIRE Facilities Access

How can you participate? Open Calls by the FP7/H2020 Facility Projects

Who can participate?

One single entity can participate:
Research Institutes
Universities
SMEs
Industry

Rules?

Evaluation as in EC calls
Short proposal
Light evaluation
Roughly 1 Call per year per facility

Budget?

Max 200K
€/project

How?

Submit proposal

if selected consortium new partner, or 3rd party receiving support

IPR rules?

To be negotiated with Facility Provider

IPRs can be protected



ICT 12 – Call 2 – 2015

Integrating experiments & facilities in FIRE+

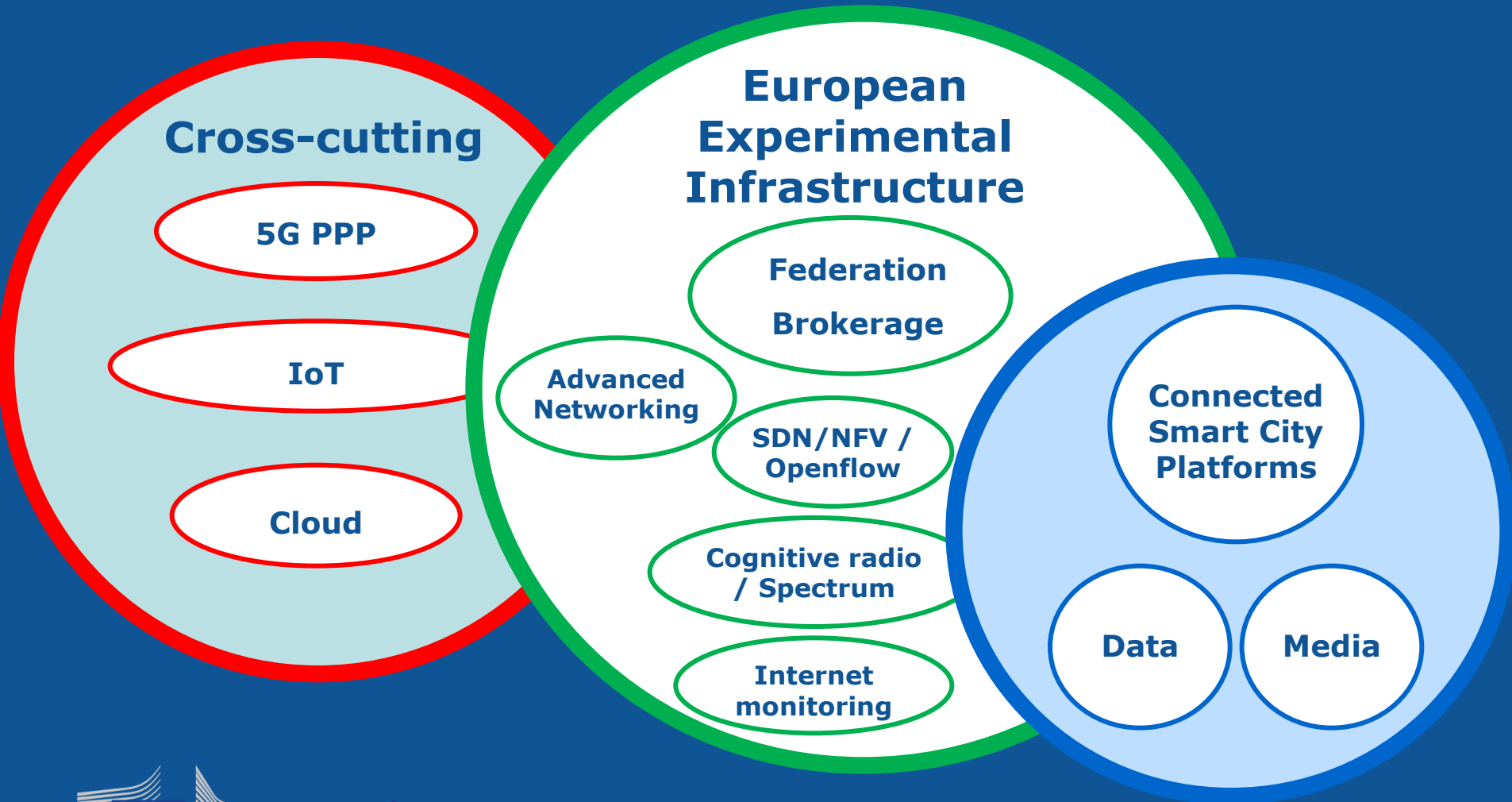
Innovation Actions (*small actions expected*)

- Technically mature experiments on top of FIRE+ facilities for close-to-market products, applications or services
 - **At least one SME participating**
 - **With the support and/or participation of National or European Agencies, in particular EIT ICT Labs**
 - **Clear innovation and business perspective (new business models, startups, SMEs...)**

Brokerage & sustainability

- Sustainability is essential and of strategic importance
- CI-FIRE guidelines on FIRE facility sustainability
- Use case of a sustainable model: collaboration between FanTaaStic and FIRE (FUSECO and OneLab facilities)
- Scale up of the model will need a "broker" between facilities and user communities

The future vision for FIRE+



FIRE+ European experimental infrastructure

FIRE+ Broker

- RIA or IA?
- 50% of budget to operate existing facilities
- 50% to experimenters
- Criteria to select and sponsor facilities

European Experimental Infrastructure

Federation
Brokerage

Advanced
Networking

SDN/NFV /
Openflow

Cognitive radio
/ Spectrum

Internet
monitoring



Our value proposition

- A **federated infrastructure** for **experimentation** in Future Internet with **tools, methodology, end-to-end trust, EaaS, Virtual experimentation, open** access to all
- A complete **service portfolio** for experimentation that enables and supports business creation (full life-cycle)
- Experimentally-driven **Innovation**
- Partnership with 5G PPP, EIT ICT Labs, GEANT



FIRE /EIT ICT Labs future collaboration

- Added value definition for a win-win collaboration
- FIRE sustainability, governance and brokerage
- Innovation also in funding instruments
- The case of 5G PPP:
 - FIRE demonstrator / large trial platform
 - EIT ICT Labs: exploitation, maintenance, business creation, education

Thank you for your attention!

Any questions?

