



“FIRE Standardisation”

Cape Town, 15 November 2011



from Experiment to the Future Internet



Standardisation aspects:

Standardisation of research results ?

- Regarding the production of standards, users are aware and understand the benefits of standardising their research results, but 60% do not participate in standardisation activities.
- 63% of users declare themselves to be interested in getting more support to make use of the standardization process as a path to exploit their research. Users **need technical support** to understand standard development processes and participate in standardisation activities.

What kind of support?





Other feedbacks on standardisation aspects from Survey

- Lack of formal methods standardisation is a manifestation of lack of external focus
- Formal Methods Standardisation:
 - Helps users outsource testing
 - Helps operators of research facilities offer a service to external users
- Need for training in use of formal testing methodologies

EU-AFRICA cooperation in Internet of Things for deployment of important(real-world) applications



EU-Africa ICT Conference
Cape-Town 14-15 Novembre

Fahmy Chelly, CERT, Tunisia
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FP7 Probe-IT project

www.probe-it.eu

PROBE-IT project to benchmark and roadmap IoT



❖ Status on IoT deployments

- From all over the world, including Africa.

❖ Benchmarking framework

- Definition of a benchmarking framework for IoT deployments
- Evaluation and update of this framework

❖ Shared IoT deployment evaluation framework

- Definition of evaluation framework
- Evaluation of indicators in real IoT deployments

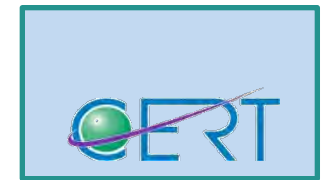
❖ Testing methodologies and standards

- Study of approaches/standards used
- Analysis and discussions on PROBE-IT reports & roadmaps

❖ Interoperability events and workshops

- Tailored to project research needs
- Active participation from related projects

Pursuing Roadmap
and Benchmark in IoT
Oct 2011- Oct 2013



IoT a key topic of EU-Africa cooperation



- ❖ **Contribute to IoT roadmap and benchmark and ensure the acceptance of IoT solutions in Africa.**
- ❖ **Promote cooperation in IoT**
 - Cooperation with IERC (Internet of things European Research Cluster) <http://www.internet-of-things-research.eu>
 - Cooperation in IoT test beds for helping researchers? and support deployments . African test beds federated and connected to EU ?
 - Common pilots and experience sharing. Smart cities ?
- ❖ **Organize key workshops and IoT interop event(s) to gather interest and technical findings**
- ❖ **We need you . Contact us : fahmi.chelly@cert.mincom.tn
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Philippe Cousin
WP2 leader , ETSI Expert

Thank you !



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