

Panlab

Pan-European Laboratory

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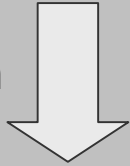
What is Panlab?

- ▶ A project (SSA) funded by the European Commission under FP6
- ▶ Project Panlab enables and facilitates the Pan-European laboratory vision

Pan-European Laboratory overview

Long-term ICT
industry requirements
for end-to-end testing

Mission



Project Panlab

Distil long-term
vision of ICT
industry

Develop roadmap
for long-term
Panlab operation

Identify potential
participants and
customers

Identify reqs.
of stakeholders

Define and verify
collaboration rules
and mechanisms

Collaboration tools

Results



Accepted legal,
organisational,
operational,
and economic
framework

Activities



Project Panlab

- ▶ Distil long-term vision of ICT industry
- ▶ Develop roadmap for long-term Panlab operation
- ▶ Identify potential participants and customers
- ▶ Identify requirements of stakeholders
- ▶ Define and verify collaboration rules and mechanisms
- ▶ Collaboration tools

Current activities

- ▶ Consolidating Vision for ICT (D1.1)
 - Ecosystem of technological programs
 - Areas and Directions
- ▶ Developing Vision for Panlab (D1.2)
 - Pan-european laboratory definition
 - Potential partners/customers
 - Pan-european laboratory competitive positioning
 - General infrastructure requirement
 - Required enabling mechanisms

Target

- ▶ A successful Panlab leaves a self-sustainable, long-living, and well-functioning legacy of guidelines, principles and rules allowing the implementation of the Pan-European telecommunication test laboratory. This laboratory combines a set of high-quality testbeds and laboratories in Europe and worldwide, the activities of which are widely known, highly valued and guaranteed for the customer.

Value proposition

- ▶ Panlab assures the visibility of the federation of laboratories
- ▶ The testing sites and testbeds become known and accessible for the potential customers
- ▶ Individual testing facilities gain valuable visibility and publicity by joining the Pan-European laboratory.

Common Technology Vision

- ▶ is a long-term Technology Roadmap and a Strategic Development Guideline for testing activities in European and global telecommunications

Stakeholders

- ▶ are existing testing laboratories, testbeds, and collaborative projects in FP6, FP7, Eureka clusters and other international initiatives

Accepted framework

- ▶ of legal, economic, administrative and operational rules that enable collaboration of testing laboratories and testbeds

Collaborate and compete

- ▶ Standardised metrics for meaningful comparison of capabilities of independent testing sites
- ▶ Transparent classification and rating
- ▶ Induce incentives for competition
 - Maintain high quality of testing facilities
 - Always state-of-the-art
- ▶ Brokerage service for testing facilities
- ▶ Credibility and trustworthiness in handling confidential information

Pan-European
laboratory members

Governed by
Panlab framework
-Legal
-Operational
-Administrative
-Economic

Involve community
Gather requirements
Keep informed

Future Pan-European
laboratory organisation

Policies and
procedures on
how to evolve the
Panlab framework

Panlab
Consortium

Panlab Community

Governed by
Loose rules

Governed
by CA

Panlab community
Industry
Organisations
Univ./Acad. institutes
Collab. projects (consortia)
Individual experts

Administrative details

- ▶ Panlab is a Consortium of 10 organisations
 - Eurescom (Coordinator) supported by CELTIC, France Télécom, Telefonica, Italtel, Thomson, Alcatel, Nokia, Fraunhofer Fokus, DIMES, RAD, École de technologie supérieure
- ▶ Is supported by the EC as an SSA under FP6
 - Budget: 1.3 Mio. €
 - Effort: 134 Person-months
 - Start: June 2006
 - Duration: 24 months



Thank you

Questions?

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