

Editorial

Dear reader,

This is the second Panlab newsletter, and a lot has been done and achieved since we published the first one. The basic concept is gaining visibility and acceptance especially in the world of collaborative R&D projects, as it promises a possible path towards a sustainable and “friendly” environment in which research results can be tested on a large scale.

We have received many queries from projects asking us how they can contribute to the realisation of the Pan-European Laboratory. Responding to this and in consultation with the e-Mobility working group on testing, Panlab has started to implement a database to capture basic information about available testbeds and resources. This database will be made publicly available and should form the first tangible repository in which you can search for a testing environment.

Please enjoy reading.

Anastasius Gavras, Panlab co-ordinator

Project results & activities

Panlab principles of federation

Panlab has published a document on the principles of research testbed federation. As the EC’s Directorate General on Information Society and Media places high value on experimental testing of research results via federated testbeds in Europe, Panlab offers this document to emerging EU project consortia for inclusion into their EU project proposals.

The document on federation principles is available for download on the Panlab website at www.panlab.net.

ETP working group on testing suggested

Panlab has proposed to the European Technology Platforms (ETP) in the ICT area to create a joint working group on testing.

Panlab has identified that it is possible to mobilise a critical mass in European research for the creation of large-scale testbeds, based on existing testbeds, by exploiting the concept of federation. To achieve this, Panlab proposed that the European Technology Platforms establish a joint working group on testing to conclude on several fundamental questions related to the basic approach and the financing of a long-term sustainable Pan-European Laboratory.

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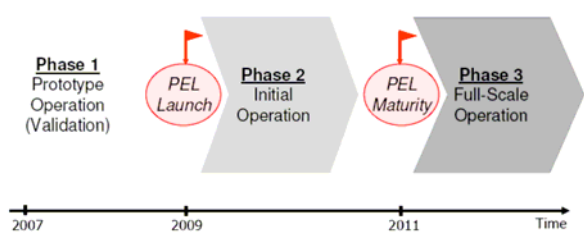
Roadmap for Pan-European Laboratory

The Panlab consortium developed a roadmap, which defines the necessary milestones and the schedule for establishing a Pan-European Laboratory (PEL).

The schedule includes three phases:

1. Concept and establishment of the PEL
2. Initial operation
3. Full scale operation.

The milestones are grouped according to different approaches: legal aspect and organization, infrastructure, operational process, and service offer – distinguishing between services to partners and services to customers. The figure below illustrates in a high-level way the three major phases and two principal gates of the Pan-European Laboratory deployment.



These phases are distinguished by:

1. the level of maturity and richness of service offering to customers.

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2. the status of an organisation as a legal entity for operating the main functions of the PEL and offering the services to customers.

The roadmap consolidates the necessary milestones, showing how and when the Panlab vision can be established. This roadmap does not explicitly consider available testbed facilities that can be part of the federation and the specific Pan-European Laboratory offering. The concept rather aims to be technology agnostic and not dependent on specific testbeds suited for particular technologies or services. However, a number of general facilities and tools required for a long-term sustainable operation are described in the roadmap.

The Panlab roadmap document is available at www.panlab.net.

Past events

Panlab at ECOC 2007 in Berlin

On 16 September, Panlab coordinator Anastasius Gavras from Eurescom gave a presentation at a workshop on "Future Internet Design" in Berlin, which was part of ECOC 2007, the European Conference on Optical Communication.

Talking to 60 researchers from the areas of future Internet design and optical communications, he explained the "Challenges in experimental testbed design for the Future Internet".

ECOC website:
http://www.vde.com/Conferences_en/ECOC+2007

VITAL–Panlab Workshop in Patras

The "1st Workshop on IMS Enabled Converged Networks IP Multimedia Subsystem: Present and Future", jointly organized by the EU projects VITAL and PANLAB, was held on 24th and 25th September 2007 in the Conference and Cultural Centre of the University of Patras in the city of Patras, Greece. About 50 network experts and decision-makers from Europe and North America participated in the workshop.

The purpose of this workshop was twofold:

- To discuss a series of present IMS features and functionality from the viewpoint of problems, limitation and deadlocks that may eventually lead IMS deployment to fall behind expectations and widespread adoption.
- Attempt to make a projection into the future and contemplate IMS transformation and/or coexistence with emerging technologies like P2P and social software.

Presentations are available on the workshop website at www.converged-networks.eu

Upcoming events

3rd International IMS Workshop at Fraunhofer FOKUS

Fraunhofer Institute FOKUS, in cooperation with the Chair for Next Generation Networks (AV) at the Technical University of Berlin, organizes the 3rd International IMS Workshop: "IMS Deployment reviewed in Face of Triple Play, IPTV, SOA and Web 2.0". The workshop will be held at FOKUS in Berlin, Germany, on 15 – 16 November 2007.

Last year's event was attended by 280 participants from all over the world.

Further information and registration:
<http://www.fokus.fraunhofer.de/go/ims-event>

Contact for questions and sponsorship opportunities: ims-event@fokus.fraunhofer.de

About Panlab

Panlab is a Specific Support Action of the European Union's 6th Framework Programme, Thematic Priority 2 (Information Society Technologies). It was submitted to the fifth call of the programme and addresses the strategic objective "Research networking testbeds". The project is partly funded by the European Commission. Panlab is running from June 2006 to May 2008 and has an overall budget of about 1.3 million euro.