

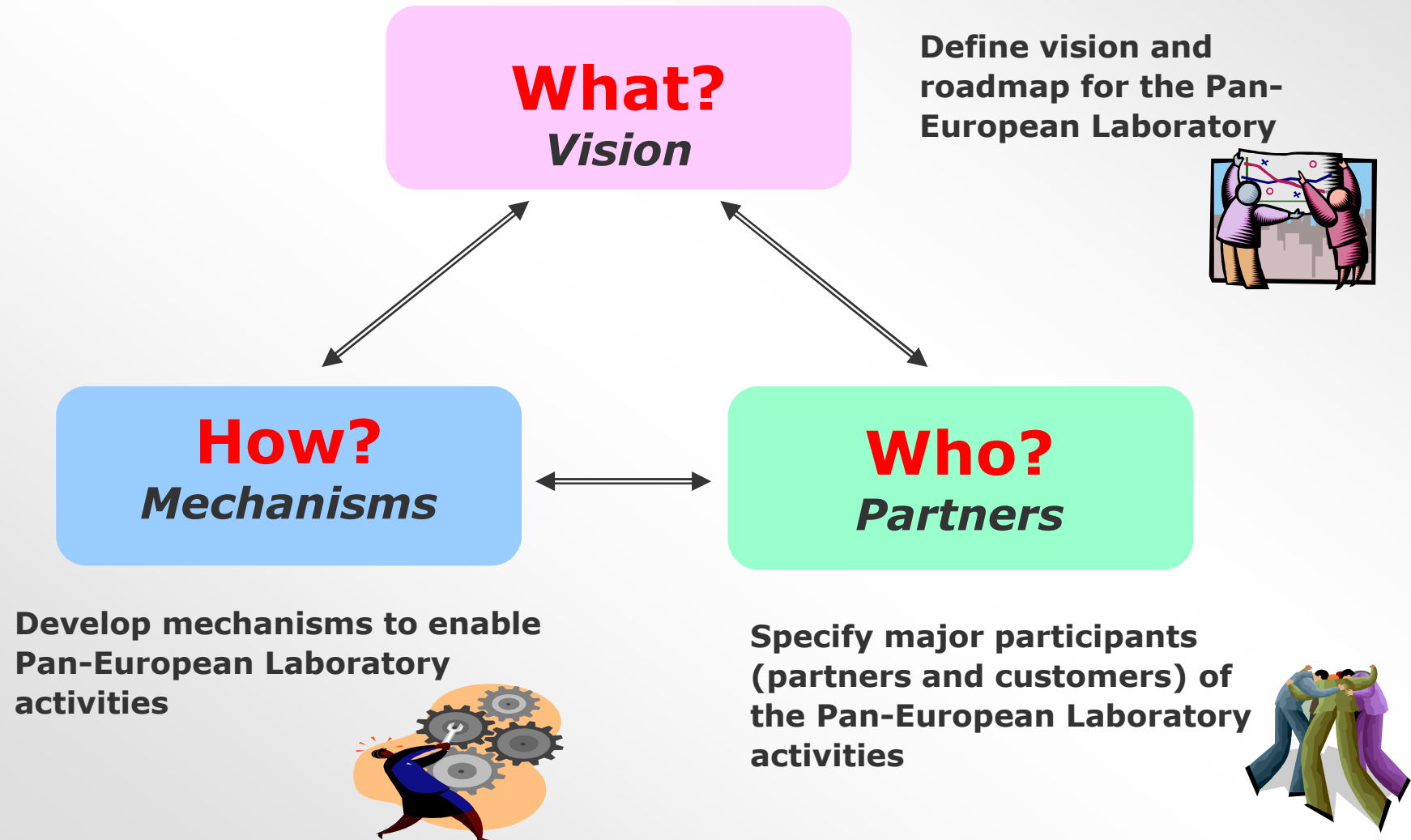
Panlab
Federating European
networking testbeds

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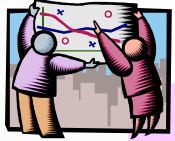
Abstract Definition

The Pan-European Laboratory is a concept that is being introduced to enable the trial and evaluation of service concepts, technologies, system solutions and business models to the point where the risks associated with launching of these as commercial products will be minimised

Building Pan-European Laboratory



Mapping to Project Objectives



What?
Vision



How?
Mechanisms



Who?
Partners

Define vision and roadmap for the Pan-European Laboratory based on detailed analysis of IST projects

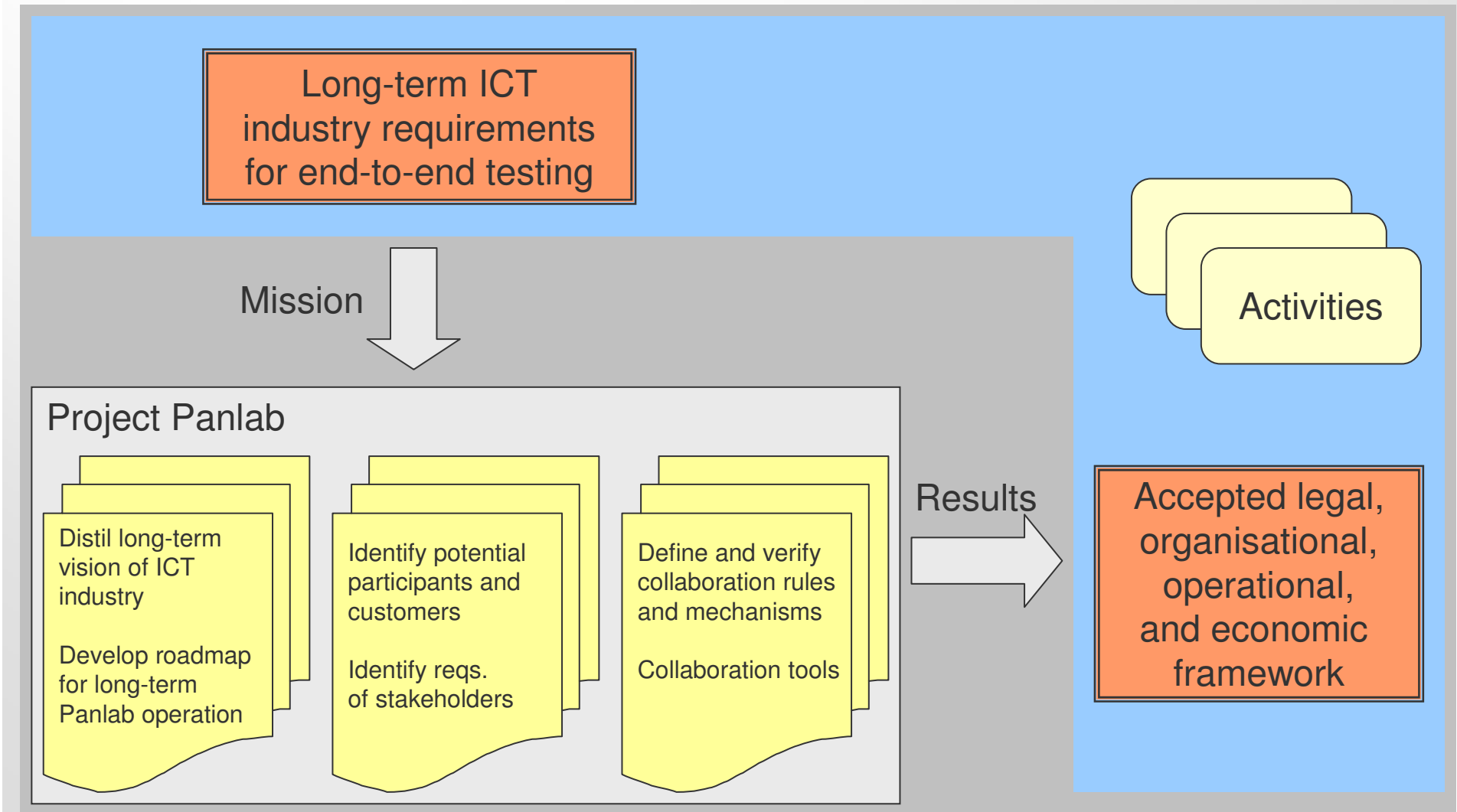
Develop and verify mechanisms to enable Pan-European Laboratory activities

- **Legal framework**
- **Organization tools (management and collaboration)**
- **Technical infrastructure**
- **Economic aspects**

Specify major participants of the Pan-European Laboratory activities

- **Partners**
- **Customers**

Pan-European Laboratory overview



Main phases

- ▶ Vision phase and roadmap

- ▶ Definition phase
 - Technical infrastructure
 - Legal requirements
 - Operational conditions

Vision phase

- ▶ Consolidating Vision for ICT
 - Ecosystem of technological programs
 - Areas and Directions
- ▶ Developing Vision for Panlab
 - Pan-European laboratory definition
 - Stakeholders and competitive positioning
 - General infrastructure requirement
 - Required enabling mechanisms

Roadmap

- ▶ Define the period towards the end and after Panlab
- ▶ When and what must be available to operate the Pan-European Laboratory?
- ▶ Legal status
- ▶ Economic sustainability

Create a market for testing facilities

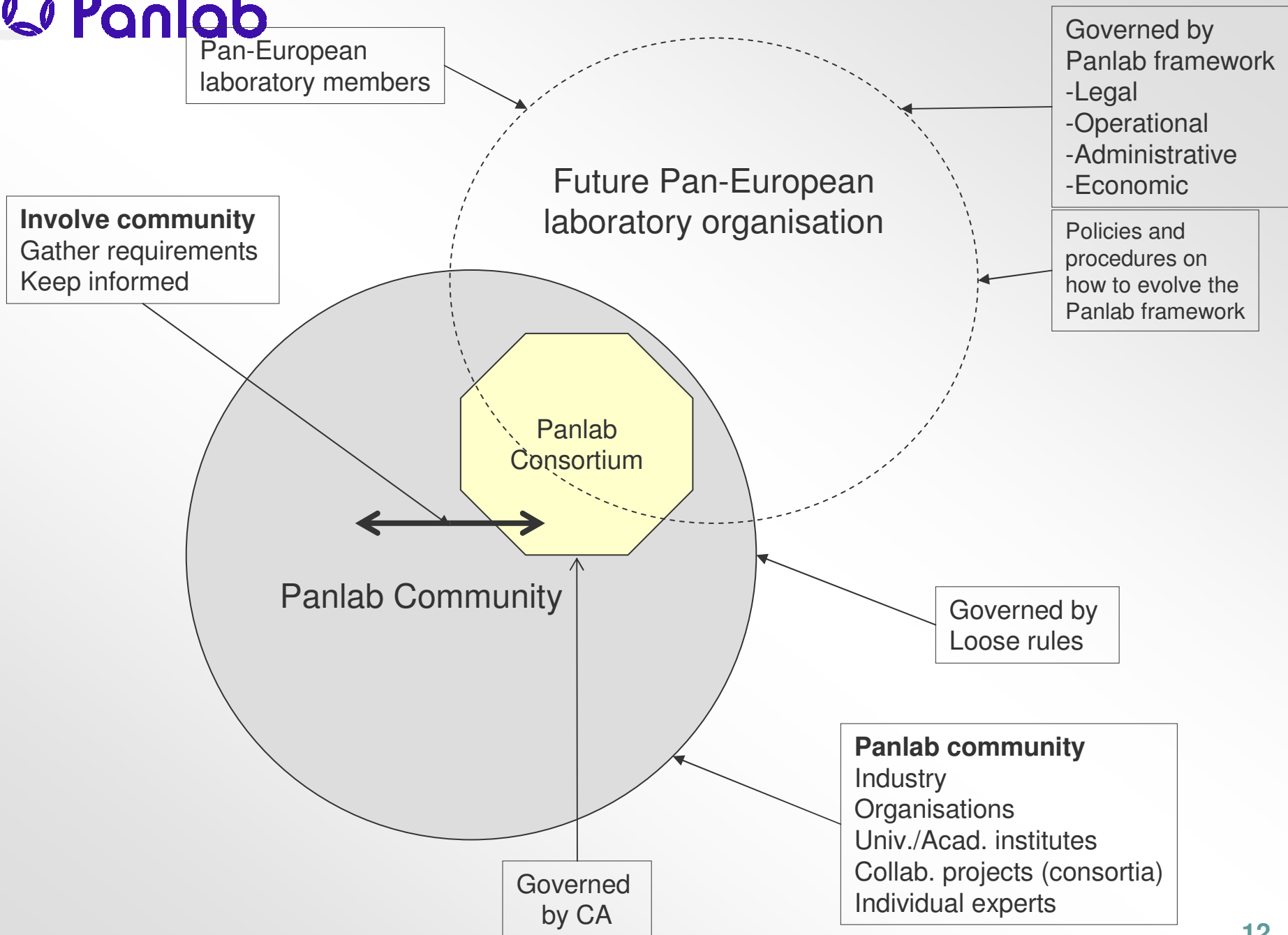
- ▶ Metrics for meaningful comparison of capabilities of independent testing sites
- ▶ Transparent classification and rating
- ▶ Incentives for competition
 - Maintain high quality of testing facilities
 - Always state-of-the-art
- ▶ Find testing facilities
 - Test-Google
- ▶ Brokerage service

Enable and facilitate

- ▶ Interconnection of the best laboratories to test specific systems or services
- ▶ Technology, system, and service integration in a European/global environment
- ▶ Technology and service validation/verification
- ▶ Ultimately ... certification of products

Long-term vision for operation

- ▶ Coordination of the activities by a centralised entity
- ▶ Continuous development of the facilities
 - Adding new available network and service platforms
 - New laboratories joining the federation
- ▶ Business entity offering services and continuing the activities



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



Panlab Workshop in Rovaniemi, 21-22 March 2007

Thank you

**www.panlab.net
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