

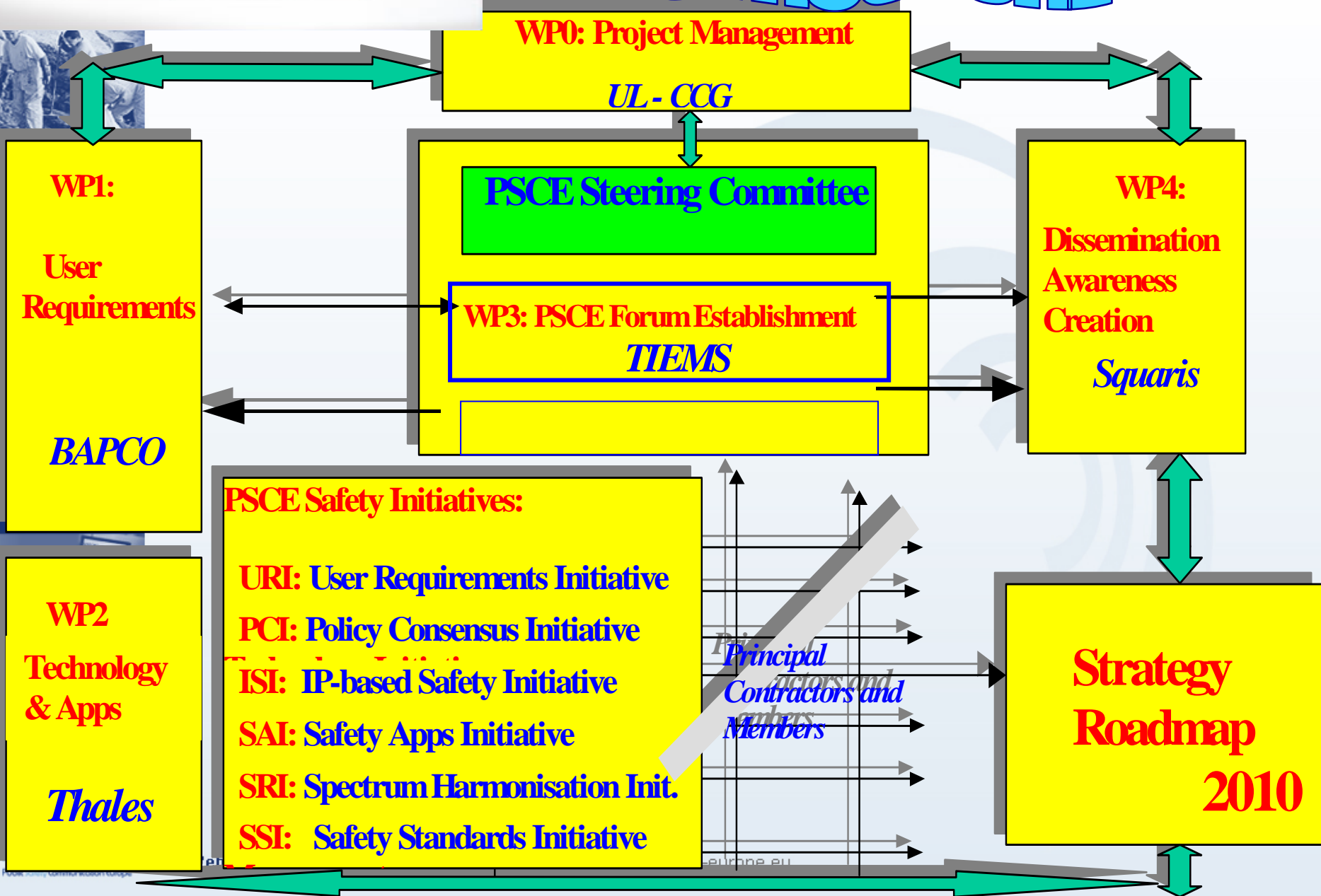


Public Safety Communications Europe Forum

Strategic Roadmap

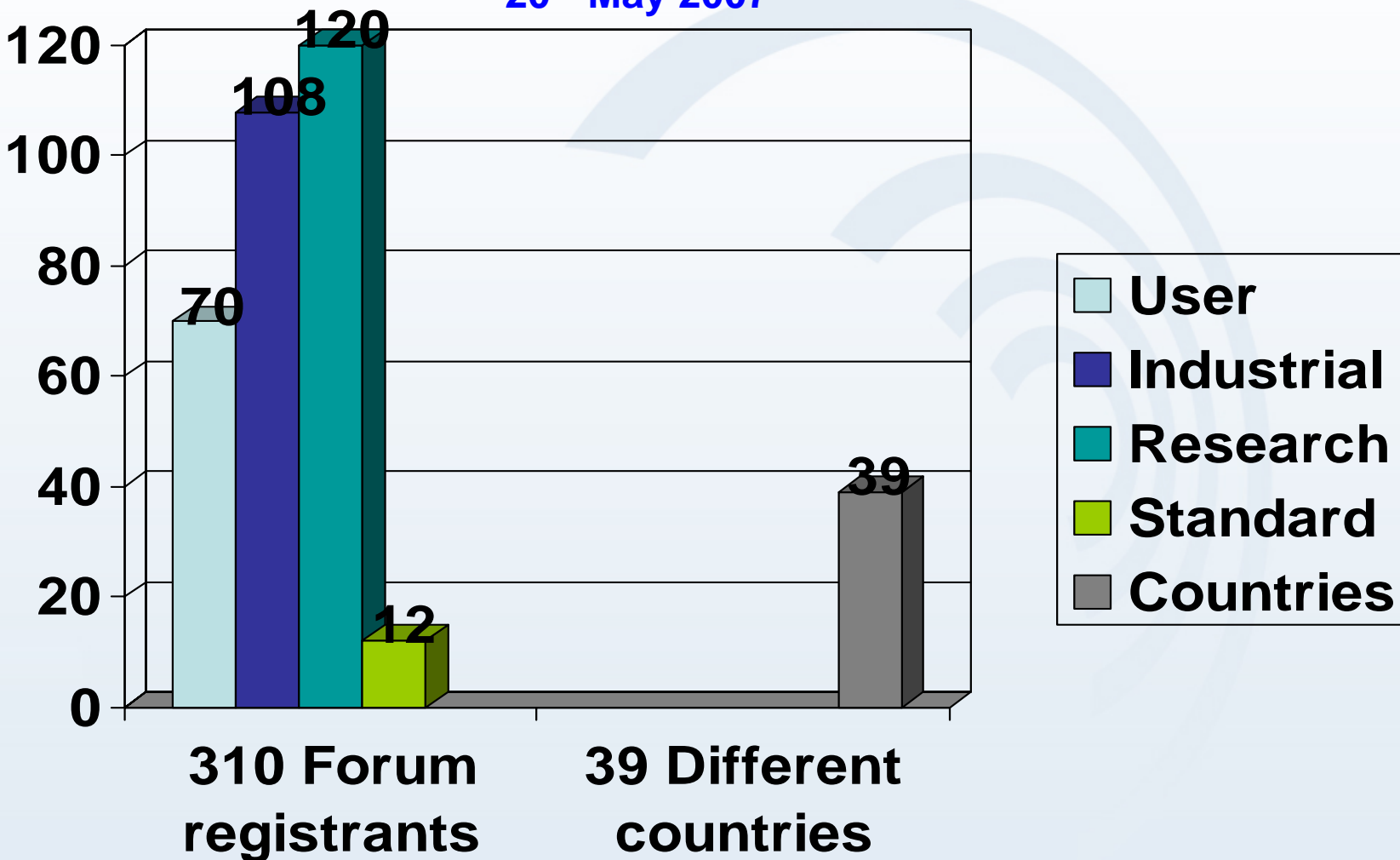
- Top-down Strategic Agenda for Europe for “Safety Communications”.
- Bottom-up aggregation of technology achievements of the Framework Programme
- Establish a “PSCE Forum”.
 - Two-layer model with
 - “Steering Committee” comprising a panel of experts
 - “Forum” comprising practitioners engaged in safety research in the European Research Area (ERA)
- Expressions of interest to consortium@psc-europe.eu (include supporting information)

STRUCTURE



Status Registration to PSC Europe Forum

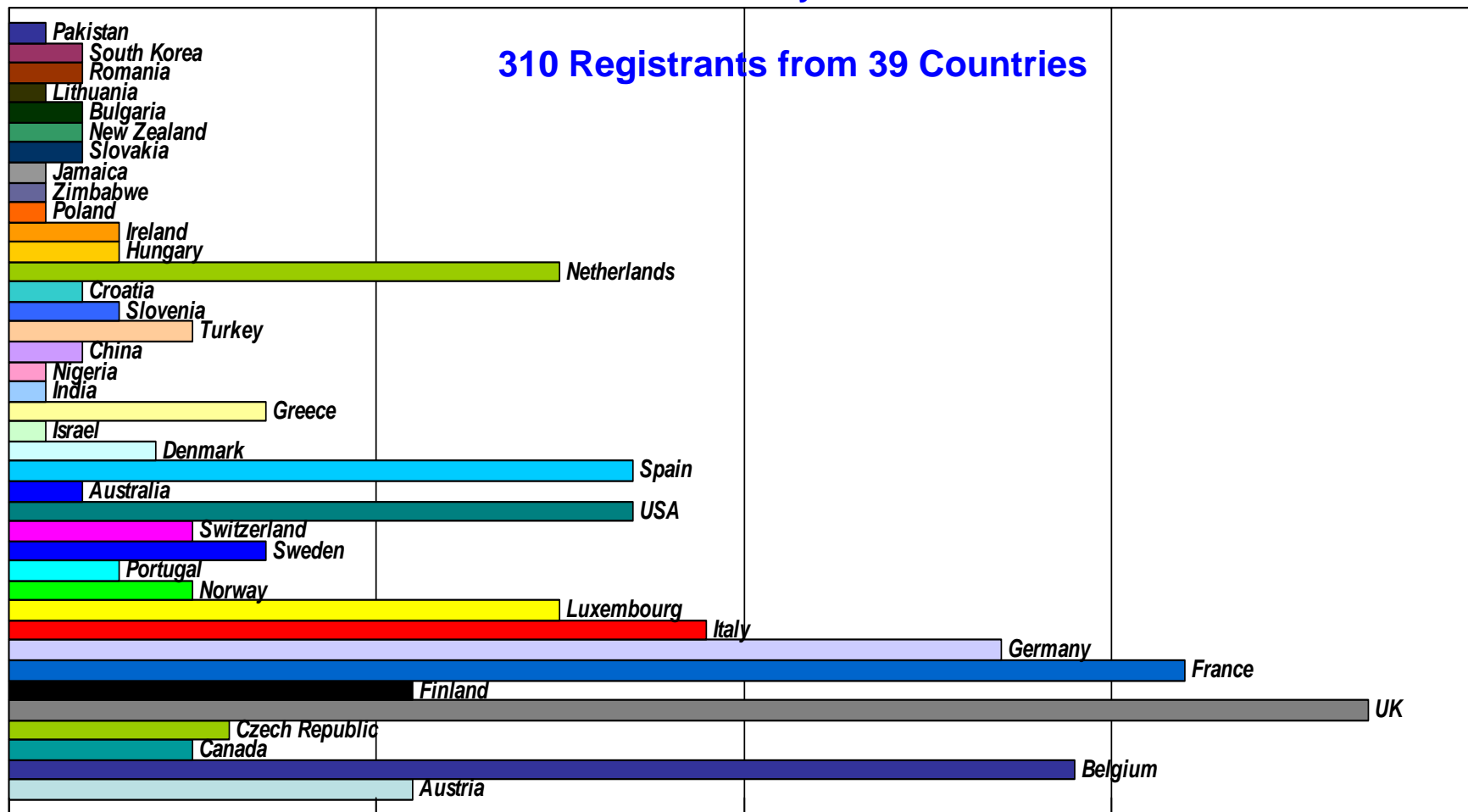
20th May 2007



Countries of registrants to PSC Europe Forum

20th May 2007

310 Registrants from 39 Countries



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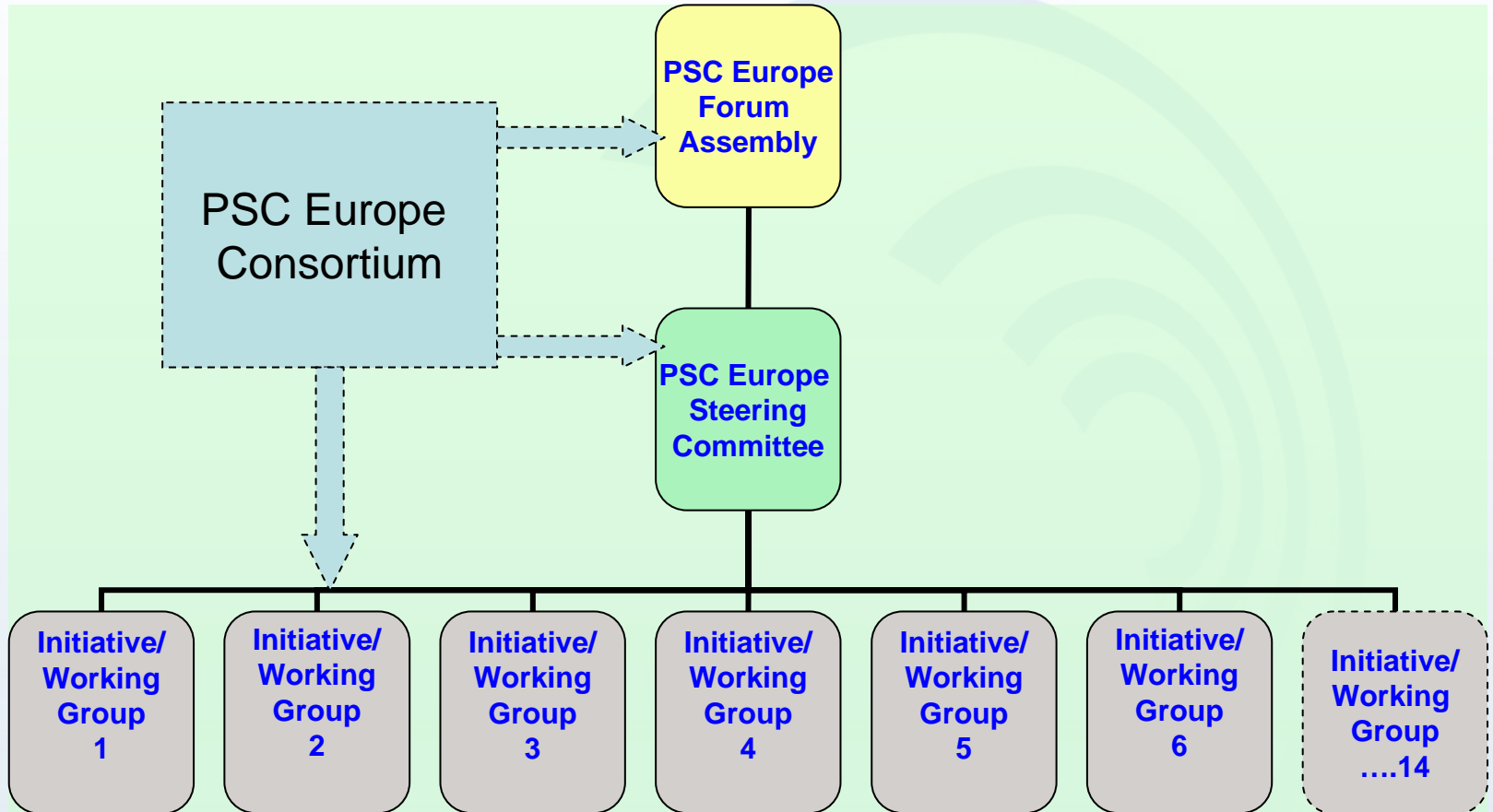
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PSC Europe Forum Current Structure Present -2009(Mid)





User Requirements initiative

Policy Consensus Initiative

IP-based Safety Initiative

Safety Research Initiative

Operational Interoperability

Safety Spectrum Harmonisation Initiative

Satellite for Emergency Communications

PSC Europe
Public Safety Communication Europe

Emergency Telecommunications for Citizens

Terminology

INITIATIVES

Broadband Challenges in Europe

Harmonized Multi distribution of Warning Messages

Operational Scenarios

Government Safety Initiative

Victims Safety Initiative



PSCE Forum Mission

- **The Public Safety Communication Europe Forum is to foster, by consensus building, excellence in the development and use of public safety communications and information management systems to improve the provision of public safety services and the safety of the citizens of Europe and the rest of the world.**

PSC Europe Forum will achieve its mission by:

- **informing, consolidating and validating user requirements**
- **raising awareness on technical solutions under development;**
- **identifying non-technological issues;**
- **proposing a RTD agenda (technological platform);**
- **contributing to standardization activities (e.g. interoperability of selected technical solutions)**
- **discussion themes, identified in cooperation with a number of experts members of the Forum, which will serve as a basis for discussion for each Forum conference and other events, for example the electronic forums**
- **conclusions and recommendations to be followed up and expanded at the events happening within the Forum;**
- **preparation of a self-sustainable Forum after the duration of the Project**

Collective dissemination

Consensus

Roadmaps

IST

Public

Safety Communication

Forum



Workshops

Webserver

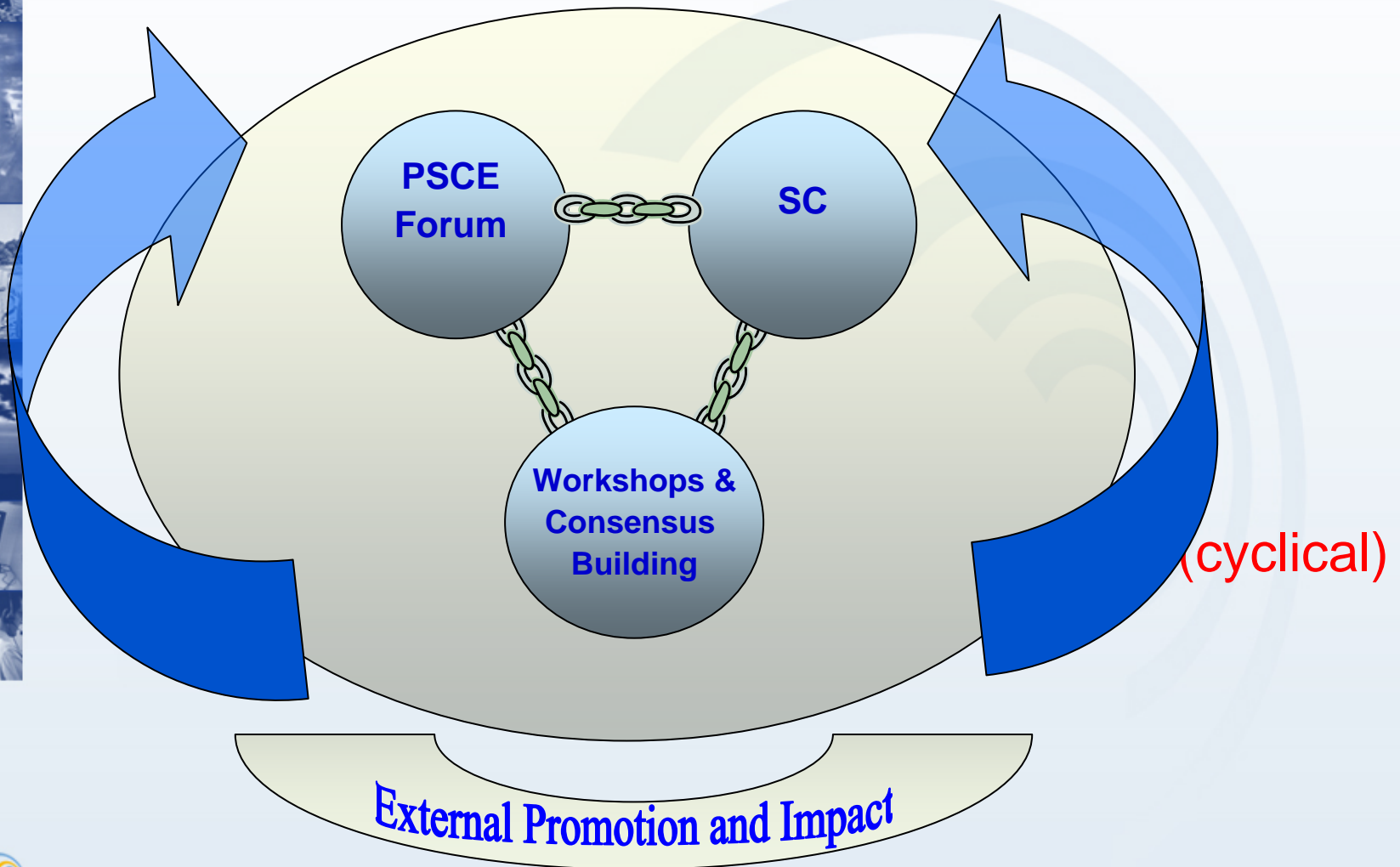
Benchmarking

External Interaction



Project Approach

Stakeholder input



Roadmap Methodology

- Evolution of standards
- Evolution of Safety and dependability techn.
- Other general ICT technology advancements
- User behaviour and usage trends
- Regulation and
- Policy issues
- Society
- Economic trends
- Business
- ISTAG Vision

Visions & scenarios

Gaps

Top Research topics

- Empowerment of the First Responders
- Europe-specific Safety
- Infrastructure Robustness and Availability
- Interoperability:
- Secure and Dependable Networks
- End user centric safety standardization

Top-down
AB

Bottom-up approach
Forum Initiatives

Roadmap

Technology development

Concepts and Architecture

Middleware evolution

Management

• • • • • • • •

FP6-IST and Industrial Research projects

Broadband Spectrum for Safety (WRC 2007) Status US vs Europe

US/Asia

Europe

Band

Technology

Band

Technology

Narrow band

746-806 MHz,
806-869

Project 25

380-470

TETRA multislots

Wide band

746-806 MHz,
806-869

Project 34

380-470

TETRA 2

Broadband

4.9GHz

WLAN/MESH

none



Workshop 1 on Operational Interoperability Challenges

Chairman Walter Legrand, EADS Secure Networks

The following issues will be addressed:

- How can the required consensus and strong political support be ensured?
- How can Europe obtain an agreement on different TSO contents (such as event dictionary, missions, codes, etc)?
- Which organization can assist in building such agreement?
- What other information do users want to define commonly in the different phases of an emergency and disaster cycle?
- What is missing?
- How does it fit in a global European information model?
- What are the gaps?
- How can US work be introduced, adapted?
- Do the selected scenarios allow validation in line with the work done by ETSI EMTEL and MESA?

Workshop 10 on

IP Based Public Safety Communication

Chairman Jim Bound, IPv6 Task Force

Regional registry IPv4 address exhaustion in..
1219 Days, 17 Hours, 52 Minutes, 56 Seconds.

D-Day:
10-March 2010

The following issues will be addressed:

- The IP-based Safety Initiative (ISI) seeks to define the roadmap for the deployment of advanced broadband applications, related radio technologies and modern IP-based system architecture. The benefits of IP-based services (and specifically IPv6-based) are numerous:
 - ✓ Cost savings in deployment of public safety networks
 - ✓ Proliferation of innovative safety products (networked RFID, Sensors)
 - ✓ Interoperable IP capable networks nation-wide and worldwide
 - ✓ Enablement of Trusted End-to-End IP based Network Security
 - ✓ Enablement of IP based Network Management
 - ✓ Enablement of IP based Seamless Network and Node Mobility
 - ✓ Enablement of Next Generation Network Application Services to Users
 - ✓ Common open standards communication protocol to support multiple wireless networks configuration and integration (e.g. Sensor, Link, Internet)





Workshop 11 on

Government Public Safety Initiative

Chairs: Carlo Simon & Lucien Bildgen

The following issues will be addressed:


This initiative will have the mission to discuss, align and harmonise the EU27 safety and security issues. One of its objectives is to design a government policy-led roadmap based on recommendations from User Requirements and all the other different initiatives engaged in aggregating and benchmarking safety deployment and research projects results. It will outline a cohesive vision for the European Public Safety and development strategy platforms addressing safety, emergency and crisis management.

The initiative will be the voice and space of the Government Safety policy-makers to come to disseminate and cross-network with peers from the other initiatives and create partnership and common objectives for the global good of the EU27 and beyond.

PSC Europe Forum Development

Project Start Networking session 1st Conference 2nd Conference 3rd Conference 4th Conference 5th Conference
 June 2006 November 2006 May 2007 November 2007 June 2008 November 2008 May 2009

Consortium	Contract duties						
Secretariat						Establish a permanent secretariat	
Initiatives/ Working Groups		Working groups prepare cases and reports for the 1 st conference	New Initiatives/ working groups to be established based on needs				
Steering Committee	Consortium acts as Steering Committee		Recruitment of external Consortium members to the Steering Committee			Elected Steering Committee takes over responsibility from Consortium	
Forum	Recruiting	Preparing Constitution	Forum is operating and further developed by the Consortium in cooperation with the Forum				


 Forum is constituted and work with by-laws and rules started


 New Steering Committee elected

Benefits to Members

- Active role in shaping the next Generation Safety Solutions
- Participation in Safety projects
- Access to state-of-the-art information
- Networking & Dissemination



Time Frame

- **PSCE Forum as an IST Project**
 - 1st June 2006 - 31st May 2009
- **PSCE Forum – June 1, 2009 - Standalone Initiative**



PSCE Forum Events

- Annual PSCE Forum Summit
- Workshops
- Concertation Meetings
- Partner Conferences

