



# The Cooperation Platform for Research and Standards: initial results and outcome of the 14<sup>th</sup> October kick-off meeting for projects in call 1

Presentation at the IST2004 Networking session N66:

“COPRAS: a more efficient way of cooperation between IST research projects and standardization”

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Bart Brusse, COPRAS Project Manager



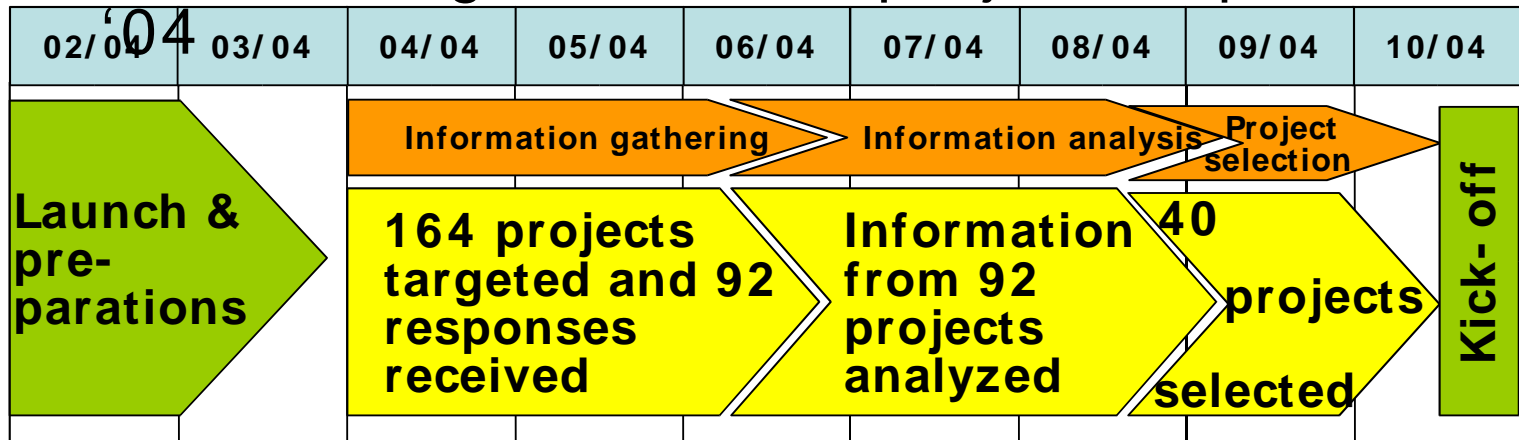
# Background, objectives & rationale behind the COPRAS project

- Interfacing with standardisation is required for research projects under Framework Programmes
- Standardisation activities are many times already underway with respect to many aspects in IST
- Structuring cooperation will reduce overlap and save resources on the side of research projects
- Cooperation at an early stage will make research results available earlier to industry



# Steps surveying, analyzing and selecting projects in call 1

- 10 out of 12 Strategic Objectives in call 1 addressed with targeted questionnaires
- All responses analysed with respect to standards related output
- 25 'tier 1' projects & 15 'tier 2' projects selected
- Pre-meetings with tier 1 projects September



# A set of transparent criteria was used to select projects

- Primary criteria
  - Is the issue addressed by a project relevant to the activities of one of the consortium partners, one of the ICTSB members or to the activities of a standards body outside the ICTSB
  - Has the project a clear view of the standardization activities they seek to deploy
  - Is a standards body a project would interface with sufficiently experienced in a particular domain and are they capable of seeing the standardization paths projects have identified
- Secondary criteria
  - Does a project have resources available for standardization activities
  - Is a project's timing (in terms of its capabilities of defining a Standardization Action Plan) in line with COPRAS' timing
  - Are standards bodies, a project seeks to interface with, already pre-identified or not

# Selected tier 1, tier 2 and SSA/ CA projects for cooperation

Strategic Objective	Tier 1 projects	Tier 2 projects	SSA/ CA projects
Broadband for all	OPERA, GANDALF, CAPANINA	BROADWAN, U-BROAD	BREAD
Mobile and wireless systems beyond 3G	4MORE, B- BONE, MAESTRO	PHOENIX, SIMPLICITY	SPECTRUM
Towards a global dependability and security framework	Biosecc, Digital Passport	SECOQC, SecurE-JUSTICE	
Multimodal interfaces	SIMILAR, TALK		M- WEB
Semantic-based knowledge systems	aceMedia, REVERSE		AgentLinkIII
Networked audio- visual systems and home platforms	ePer Space, Medianet, TEAHA	ENTHRONE, UNIVERSE	AVISTA
Networked businesses and governments	DBE, EMAYOR, SATINE	GUIDE, ONTOGOV, SPIDER- WIN, USE-ME.GOV	
eSafety of road and air transport	SAFETEL	HIGHWAY, SAFE AIRPORT	eSCOPE
eHealth	ARTEMIS, AMICA	DICOEMS	
Technology- enhanced learning and access to cultural heritage	UNFOLD, ICLASS, ELeGI, TELCERT		

# Kick-off meeting with selected projects 14<sup>th</sup> October in Brussels

- Discuss concrete benefits from joining COPRAS
- Jump start cooperation between selected projects COPRAS and define follow up
- Share information on ongoing standardization work projects can benefit from
- Clustering with other IST projects to identify shared interests:
  - Broadband access
  - Security issues
  - Semantic based systems and languages
  - Smart houses and home networking
  - eLearning

# 28 projects and 14 standards bodies and/ or working groups represented

Strategic Objective	Participating projects	Standards bodies or working groups
Broadband for all	BREAD, BROADWAN, OPERA, GANDALF, CAPANINA	3GPP
Mobile and wireless systems beyond 3G	4MORE, SIMPLICITY, B- BONE	CEN
Towards a global dependability and security framework	Biosec, Digital Passport, SECOQC	CENELEC SC205A
Multimodal interfaces	SIMILAR	CENELEC
Semantic- based knowledge systems	ALVIS	DVB- TM AVC
Networked audio- visual systems and home platforms	AVISTA, ENTHRONE, ePerSpace, Medianet, TEAHA, UNI- VERSE	DVB- CM HN & DLNA
Networked businesses and governments	DBE, EMAYOR, SATINE, TrustCom	ETSI OCG Emtel
eSafety of road and air transport		ETSI TC- ATN NGN @Home
eHealth	ARTEMIS	ETSI SES
Technology- enhanced learning and access to cultural heritage	UNFOLD, ICLASS, ELeGI, TELCERT	ETSI
		CEN/ ISSS WS/ LT
		ICTSB- SHSSG
		The Open Group
		W3C

# Strategic objectives don't necessarily synchronize standards issues as well





# Some concrete results form the Broadband access break-out session

- Concrete cooperation was initiated between several projects and standards bodies (e.g. B- BONE, 4MORE)
- Other projects will get COPRAS' support getting in touch with the proper working groups
- Arrange availability to projects of existing standards related documentation
- Define next steps (e.g. definition of Standardization Action Plans) based on outcome of initial contacts between projects and standardization working groups

# Issues addressed during the Security issues break-out session

- Requirement for additional standardization efforts identified in areas such as cryptography infrastructures, biometrics, smart-card security
- Recognized potential for clustered activities
- Recognized opportunities for strengthening cooperation between projects
- Clears requirements for COPRAS supporting individual projects delivering standards related output through Standardization Action Plans
- Next steps agreed to define in detail clustering potential and individual projects' requirements

# Findings from the Semantic-based systems and languages break-out

- Most projects use W3C technology and are likely to identify the need for updates and/ or extensions
- For several projects interfacing requirements are identified and contacts will be established (e.g. with W3C, CEN & OASIS)
- Many projects will be using Peer- to- peer IP protocols (P2P) and COPRAS will identify the proper partner in the standards community
- Projects will to stay in touch awaiting further development identifying their standardization needs

# Cooperation/ clustering opportunities from the Smart houses break-out

- Reference architectures & middleware for the broader concept of home networking
- Home gateways definition and interfacing between home and access networks
- Quality of service management of multimedia content distribution over home networks
- Commercial requirements, benchmark applications & services, and use cases for home networking
- Guidelines for usage & inter-working of home networking standards & specifications

# Conclusions from the eLearning break-out session

- COPRAS eLearning cluster established and participants identified mutual roles and tasks
- COPRAS will draft a Standardisation Action Plan addressing a major revision of the Learning Design specification
- COPRAS will discuss and establish coordinated dissemination actions with UNFOLD
- Projects will review and synchronize their planning
- COPRAS will provide additional support for standards being addressed outside of the eLearning cluster

# Some general conclusions resulting from the kick-off meeting

- Results are not identical across break-out sessions but results are overall promising
- Clear requirement for guidelines how to build in standardization efforts into project proposals
- Many projects have insufficient resources to deal with all standards issues they address
- Projects lack resources for contributing to standards bodies at the end of their lifetime
- Interfacing at an early point is essential in order for projects synchronizing with procedures adopted by standards bodies

# Next steps: development of tailor-made Standardisation Action Plans

- Follow up meetings with individual projects and clusters
- Drafting Standardization Action Plans defining:
  - A realistic path towards standardization based on the experience and support of COPRAS
  - Realistic objectives in view of available resources
  - Technical & dissemination activities
  - Tasks to be completed by projects and COPRAS
- Serve as a 'Memorandum of Understanding' between COPRAS, projects and working groups
- Timeframe: November 2004 – March 2005



We hope to develop a fruitful cooperation between COPRAS, IST projects, standards bodies and other relevant stakeholders

Thank you for your attention & feedback

Bart Brusse, COPRAS Project Manager  
bart@contestconsultancy.com  
Tel: + 31- 24- 3448453  
Mobile: + 31- 653- 225260

