



An overview of COPRAS experiences & results, and how they help Project Officers in their work

Presentation at Project Office training session,
15 February 2006, 31 avenue de Beaulieu, Brussels

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Standardization and research should ideally proceed in parallel but...

...research projects...

- Don't start thinking about standardization until they are in the final stages of their activities
- Discover they don't have sufficient resources and time to pass their output through standardization
- Don't have the means to continue the path through standardization after completing their activities

...and standards bodies

- Don't have mechanisms for addressing projects' output
- Are scattered and don't provide a 'guichet unique' where standards and standards bodies can be addressed
- Are missing out on valuable contributions to ongoing standardization processes

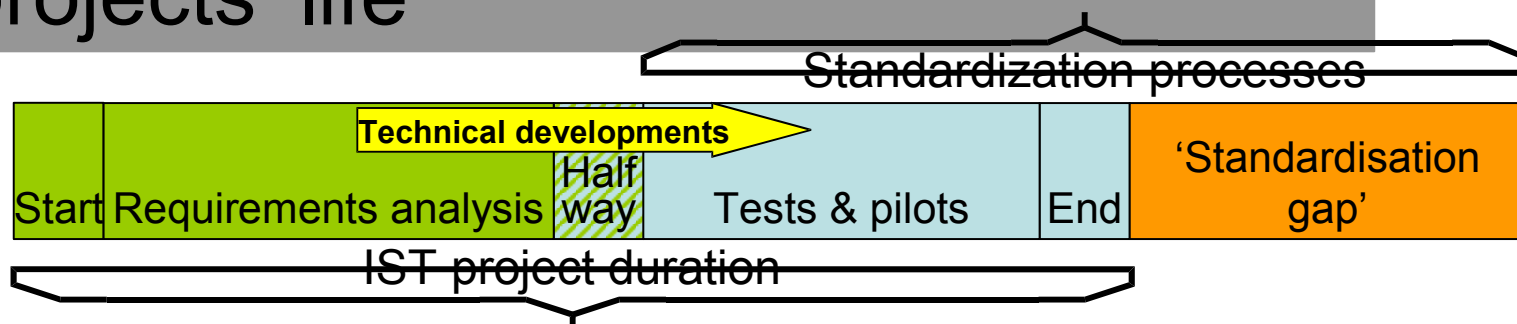
COPRAS was initiated by 5 standards bodies, and backed by the ICTSB



Principal goals

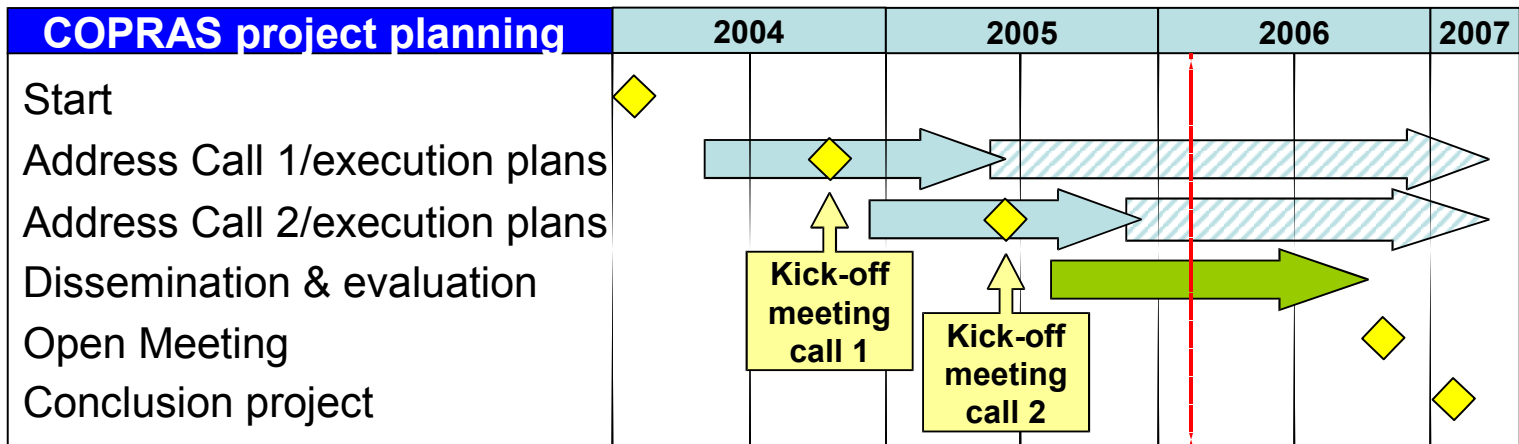
1. Support current projects seeking to upgrade deliverables by developing 'Standardization Action Plans' with selected projects
2. Support future projects by developing 'Generic Guidelines' on interfacing between IST research & standardization

Standardization Action Plans address the gap at the end of a projects' life



- Identify standards related output among projects earlier & focus their standards related activities
- Arrange broader exposure of projects' output among standards bodies & disseminate the outcome
- Address possible complications (e.g. IPR, confidentiality, organization membership, etc.)

271 Information Society Technology projects targeted since 02/2004



FP6 IST Call 1

FP6 IST Call 2

- 164 projects addressed
- 92 projects responding to questionnaire (55,09%)
- 40 projects pre-selected
- Plans with 16 projects

- 107 projects addressed
- 55 projects responding to questionnaire (51,40%)
- 42 projects pre-selected
- Cooperation target: 9-11

Standardization Action Plans with projects in FP6 Call 1

Individual	Instrument	Strategic Objective
ARTEMIS	STREP	eHealth
BROADWAN	IP	Broadband for all
GANDALF	STREP	Broadband for all
SATINE	STREP	Networked business and governments
SECOQC	IP	Towards a global dependability and security framework
SIMILAR	NoE	Multimodal interfaces
SIMPLICITY	STREP	Mobile and Wireless systems beyond 3G
TALK	STREP	Multimodal interfaces

Clustered	Instrument	Strategic Objective
ELeGI	IP	Technology-enhanced learning and access to cultural heritage
ICLASS	IP	Technology-enhanced learning and access to cultural heritage
TELCERT	STREP	Technology-enhanced learning and access to cultural heritage
UNFOLD	CA	Technology-enhanced learning and access to cultural heritage

Clustered	Instrument	Strategic Objective
ENTHRONE	IP	Networked audio-visual systems and home platforms
ePerSpace	IP	Networked audio-visual systems and home platforms
MediaNet	IP	Networked audio-visual systems and home platforms
TEAHA	STREP	Networked audio-visual systems and home platforms

Standardization Action Plans with projects in FP6 Call 2

Individual	Instruments	Strategic Objective
EUAIN	CA	eInclusion
EUROPCOM	STREP	Improving risk management
IPerG	IP	Cross-media content for leisure and entertainment
POLYMNIA	STREP	Cross-media content for leisure and entertainment
Support-EAM	SSA	eInclusion
wearIT@work	IP	Applications for the mobile user and worker

Clustered	Instruments	Strategic Objective
DECOS	IP	Embedded systems
ASSERT	IP	Embedded systems
ARTIST 2	NoE	Embedded systems
HIJA	STREP	Embedded systems

Clustered	Instruments	Strategic Objective
Several projects	Several instruments	GRID-based systems for solving complex problems

Main issues addressed in Standardization Action Plans

- Define cooperation possibilities between projects
- Focus projects' standardization efforts on targets actually achievable
- Help selecting standards bodies at an early point in time and prepare contacts with them
- Structure preparatory process (e.g. creating industry awareness) for making submissions
- Define concrete action steps for
 - Building a constituency
 - Preparing technical specifications
 - Disseminate results

First experience & initial conclusions from the COPRAS process (1)

- Response & feedback from projects is very high
- Intention to interface with standardization is high
- Projects across almost all Strategic Objectives have standardization requirements, however
 - Preparing an interface to standardization is most important to STREP and IP projects
 - NoE projects mostly don't need a standards interface
 - CA or SSA can be very supportive in cooperative approaches
 - Several large IP projects deal with their standardization activity through their industrial partners

 Standardization support is an issue for more projects than anticipated

First experience & initial conclusions from the COPRAS process (2)

- Very few projects actually started their standards activity at an early point in time
- Many projects do foresee standardization work but allocate no (or insufficient) resources
- Financial implications (funding standardization processes) are sometimes not foreseen
- Continuation of standardization work beyond a project's lifespan is often (financially) complicated

➔ Poor preparations and bureaucratic situations often complicate RTD/standards interfacing

A deeper look into projects' standardization potential (1)

- The nature of some Strategic Objectives complicates interfacing with standardization
- Strategic Objectives have different 'relative distances' to the market
 - Different standardization requirements
 - Different levels of industrial support
- Differences between ICT areas
 - Levels of awareness of ongoing standardization activity
 - Maturity or availability of standards organizations
 - Conflicting approaches & organizations

➔ Industry circumstances may block the path through standardization as a dissemination tool

A deeper look into projects' standardization potential (2)

- Projects focus on too many standards bodies
 - Time and resources required per organization underestimated
 - Misjudgement standards generating potential of their project
- Standardization processes are running trains
 - Synchronization problems due to projects' short lifespan...
 - ...but waiting too long means loss of momentum
- Industry may not be waiting for specific contributions
 - Window of opportunity may be closed or not yet open
 - Insufficient market requirement hence little industrial support

➔ Market dynamics are essential when determining projects' output standardization potential

Many issues beyond projects' scope should be addressed as well (1)

- No tools for determining and/or finding the right standards organization to interface with
 - Over 100 organizations crowding the ICT standards world
 - Lots of overlap between different organizations
- No generic mechanisms to find standards in a maze of standards bodies & industry consortia
- Different commercial arrangements used in the standardization domain cause confusion
 - Membership rules, availability of output
 - Confidentiality & IPR policy

Many issues beyond projects' scope should be addressed as well (2)

- Completion of standardization processes beyond a project's lifespan still complicated
 - Standardization processes should continue when projects cease their activities
 - Standards bodies cannot 'take over' processes initiated by research projects once their activities are formally finished
- Financial issues complicate cooperation between research and standardization
 - Some standardization processes require more resources than others
 - Projects have to fund standardization processes they pursue themselves

Generic Guidelines addressing future projects' interface to standardization

1. July 2005: “Generic Guidelines for IST projects interfacing with ICT standards organizations”:
 - What are the benefits from interfacing with standardization
 - How to determine whether your project should plan to interface with standardization
 - How to build standardization efforts into your work plan
 - Most common processes & deliverables in standardization
 - Criteria to apply for selecting standards bodies matching projects' objectives
2. Incorporate feedback from all stakeholders
3. Interactive platform Q4 2006 on www.copras.org

Guidelines: www.w3.org/2004/copras/docu/D15.html

Guidelines brochure: www.w3.org/2004/copras/docu/D20.pdf

Why does all this help Project Officers in their work?

- COPRAS support for selected projects will contribute to the overall results in individual Strategic Objectives
- Generic Guidelines will work beyond COPRAS' own scope:
 - help projects building in their interface to standardization at an early point in time
 - Support the evaluation of project proposals
 - Support project reviewers in their work
 - Increase the impact of projects' results
- Additional recommendations for future Framework Programmes will be concluded



Thank you for your attention!

Questions?

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