



Improving the interface between IST research and standardization

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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

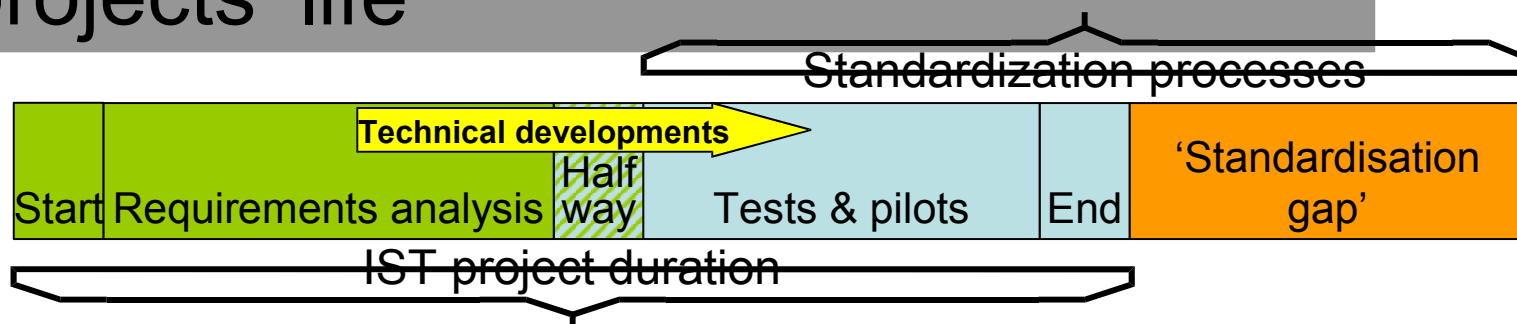
COPRAS was initiated by 5 standards bodies, and backed by the ICTSB



Principal goals

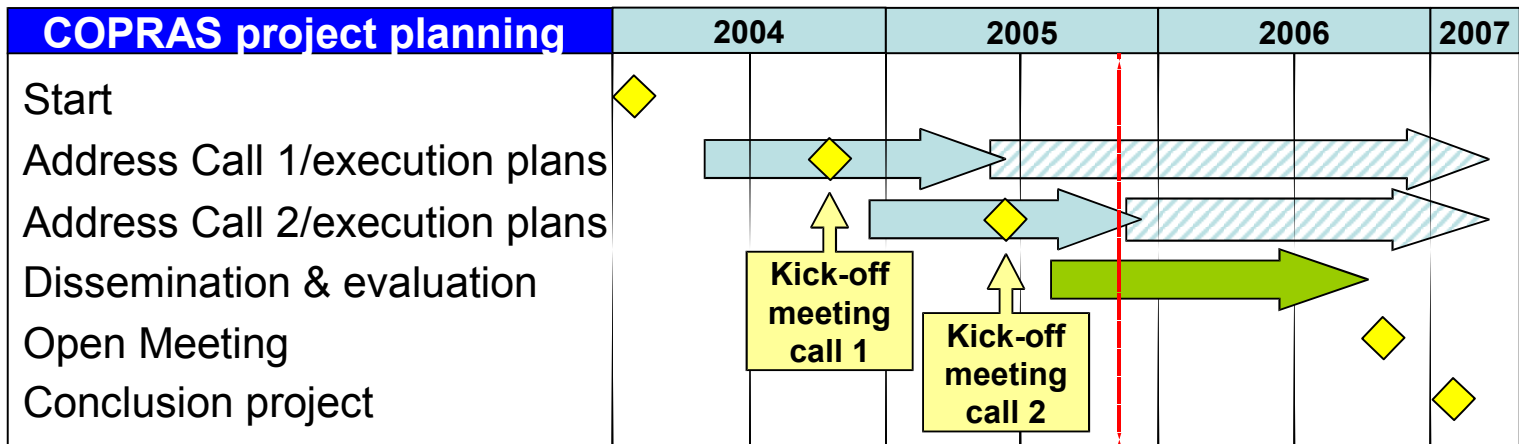
1. Support current projects seeking to upgrade deliverables by developing 'Standardization Action Plans' with selected projects
2. Support future projects by developing 'Generic Guidelines' on interfacing between IST research & standardization

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 addressed since 02/2004



FP6 IST Call 1

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

FP6 IST Call 2

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

Standardization Action Plans for call 1 projects concluded 05/05

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
eLearning Cluster	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
NAVSHIP Cluster	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 for call 2 projects planned for 01/2006

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
Embedded systems Cluster	Instruments	Strategic Objective
Several (4-5) projects	Several instruments	Embedded systems
GRID Cluster	Instruments	Strategic Objective
Several projects	Several instruments	GRID-based systems for solving complex problems

Main issues addressed in current Standardization Action Plans

- Focus projects' standardization efforts on targets actually achievable
- Establish cooperation between projects to work on improving a particular standard
- Establish contacts with targeted standards bodies at an early point in time
- Support putting required processes in place within standards organizations
- Lack of resources to disseminate projects results across the relevant standards community

Generic Guidelines address future projects' interface to standardization

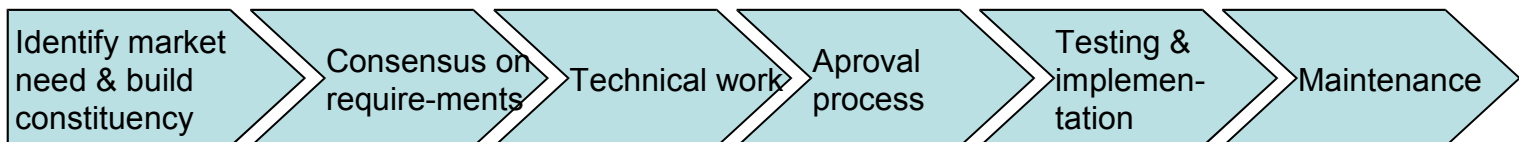
1. July 2005: “Generic Guidelines for IST projects interfacing with ICT standards organizations”:
 - What are the benefits from interfacing with standardization
 - How to determine whether your project should plan to interface with standardization
 - How to build standardization efforts into your work 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/generic-guidelines.pdf

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

Main aspects addressed in the Generic Guidelines

- Reasons to participate in standards processes may be quite different for project partners (e.g. industries, SMEs, academia, etc.)
- Standardization processes should continue, also when a project has stopped
- Differences between:
 - Formal standards bodies and industry consortia
 - Formal standards and industry specifications
- Processes need to be carried out following sequential steps and require considerable time



There are no guarantees: obstacles will still complicate the process.....

- **Projects:**
 - may change the course of their activities, or the standards bodies they focus on;
 - may plan to deliver solutions but may not get further than identifying the problem
 - May find that creating awareness takes more time than originally expected
- **Standards organizations:**
 - may appear and disappear during a project's lifespan
 - may reject submissions from projects for a variety of reasons
 - may sometimes cause projects to initiate entirely new industry consortia so specific issues can be better addressed

.....and several issues are beyond the scope of the COPRAS project

- No tools for determining and/or finding the right standards organization to interface with
- No generic mechanisms to find standards in a maze of standards bodies & industry consortia
- Many different commercial, confidentiality & IPR arrangements between standards bodies
- Many different arrangements for getting access to standards bodies & standardization processes
- Completion of standardization processes beyond a project's lifespan still complicated

Planned activities in 2005-2006 towards stakeholders

- Dissemination of Generic Guidelines to all stakeholders via:
 - COPRAS web site (www.copras.org)
 - Paper brochures (events, etc.)
 - Links on European Commission web site (www.cordis.lu)
- Retrieve feedback from stakeholders using or reviewing the Generic Guidelines
- Transformation into an interactive platform:
 - ‘Guichet unique’ for projects aiming to interface with standardization
 - Easier ways to contact standards bodies & industry consortia
 - Upgraded & interactive version of Generic Guidelines



Thank you for your attention!

Questions?

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