



Overview of the COPRAS' objectives & achievements with IST projects in FP6

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THE *Open* GROUP



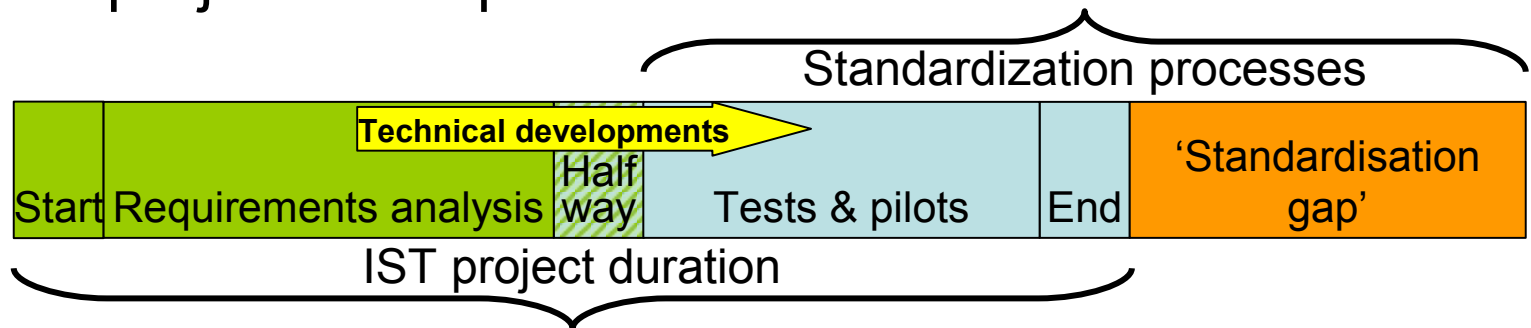
Set up by 5 European standards organisations, backed by the ICTSB



- SSA project focusing on IST projects in calls 1 & 2
- Address projects' obligation to interface with standards bodies
- Support projects seeking to upgrade deliverables through standardization & develop 'Standardization Action Plans' with selected projects
- Prepare generic guidelines on interfacing between IST research & standardization

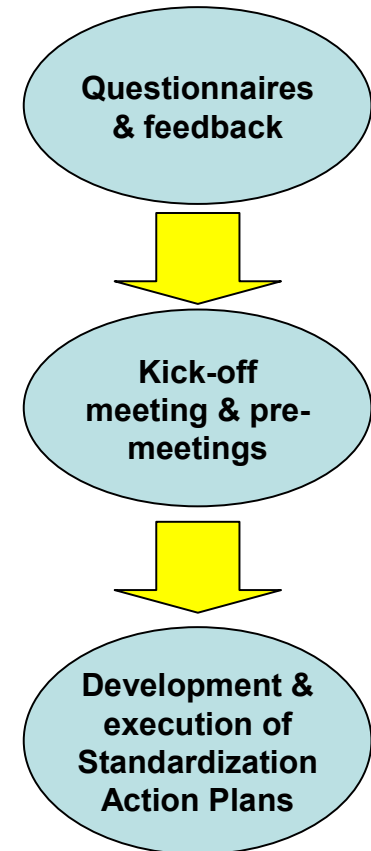
Goal: development Standardization Action Plans with selected projects...

1. Identify cooperation possibilities between projects
2. Broaden exposure of projects' output among standards bodies & industry consortia & support dissemination of their standardization deliverables
3. Address possible complications (e.g. IPR, confidentiality, organization membership, etc.)
4. Shorten 'standardization gap' at the end of projects' lifespan:

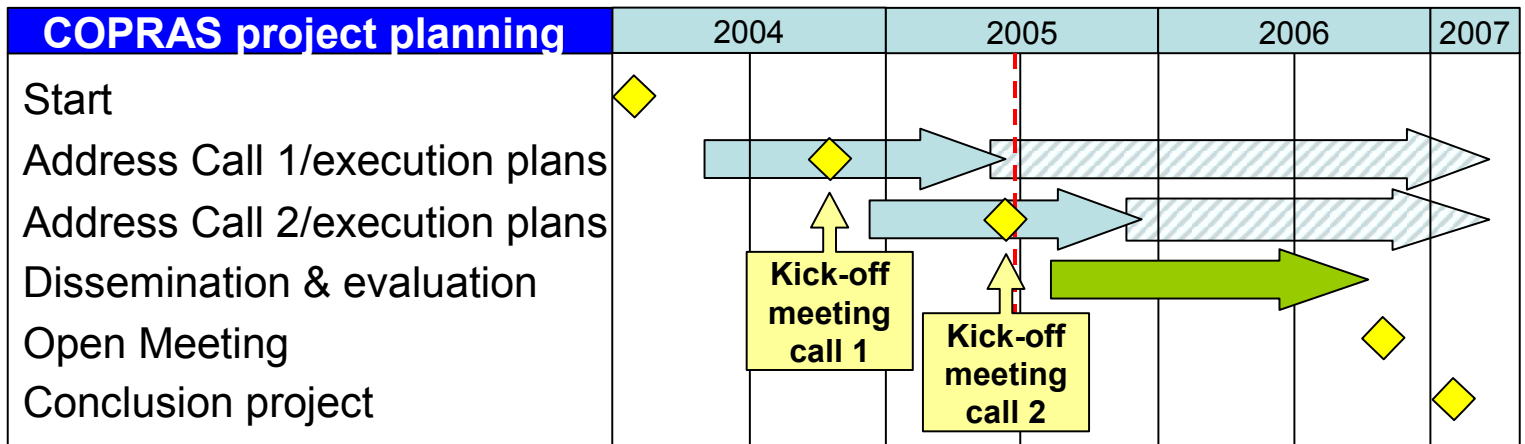


.....by mapping information gathered with ongoing standardization effort

- Survey projects for standards related output
- Analyse feedback & select projects to invite for closer cooperation
- Identify cooperation projects and standard bodies, also across different calls or Strategic Objectives
- Arrange input from research projects into standardisation processes and promote new work items
- Ensure relevant input from standards bodies to research projects



So far, COPRAS addressed virtually all IST projects in FP6 calls 1 & 2



Call 1

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

Call 2

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

Tailored Standardization Action Plans for call 1 projects concluded

05/2005

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

Possibilities for research/standards cooperation in call 2

	Strategic Objective	Projects
2.3.2.3	Open development platforms for software and services	AMIGO; ASG; INFRAWEB; SeCSE; SODIUM
2.3.2.4	Cognitive systems	None
2.3.2.5	Embedded systems	ARTIST-2; ASSERT; BETSY; CEmACS; COBIS; HIJA; DECOS; GOLLUM; HYCON; ICODES; NeCST; RUNES; COMPARE; (SMMART)
2.3.2.6	Applications for the mobile user and worker	MOSQUITO; SNOW; wearIT@work
2.3.2.7	Cross-media content for leisure and entertainment	INCCOM; IPerG; POLYMNIA
2.3.2.8	GRID-based systems for solving complex problems	AKOGRIMO; CoreGrid; DataMiningGrid; HPC4U; GRIDCOORD; InteliGRID; K-WF GRID; Next-GRID; OntoGrid; PROVENANCE; SIMDAT; UniGridS
2.3.2.9	Improving risk management	EUROPCOM
2.3.2.10	eInclusion	ASK-IT; EIAO; EUAIN; Support-EAM; COGAIN; HEARCOM; MICOLE

- Several individual Standardization Action Plans
- 2 possible clusters (GRID & Embedded systems)
- Review cooperation options eInclusion projects

Broadband & mobile: cooperation arranged with ETSI & 3GPP

Standardization objectives

- **BROADWAN**
 - Mixed (fixed/wireless system architecture & harmonization with 802.16e
 - HyperMAN testing standards
- **GANDALF**
 - EuroDOCSIS extensions, enabling usage of the standard in a wireless scenario
- **SIMPLICITY**
 - User profiling for mobile applications & services
 - Exchange of user profile data

Activities & follow-up

- **BROADWAN**
 - Project is participating in ETSI BRAN meetings
- **GANDALF**
 - Project has been invited by ETSI AT and ETSI BRAN to participate in meetings
- **SIMPLICITY**
 - Project has obtained a 3-month membership of 3GPP and will participate in relevant working groups

Security & eInclusion projects work towards CEN Workshop Agreements

Standardization

- **SECOCQ objectives**
 - Integration of Quantum Cryptography into ICT systems
- **Support-EAM**
 - Definition 'Unified Web Evaluation Methodology' for accessibility of web sites
- **EUAIN**
 - Uniting market players around common objectives towards providing information for people with print impairments

Activities & follow-up

- **SECOCQ**
 - Planning of a CEN Workshop providing interface specs, enabling interoperability between different systems
- **Support-EAM**
 - CEN/ISSS Workshop aiming to specify a 'Web Accessibility Quality Mark'
- **EUAIN**
 - Business plan CEN/ISSS Workshop on Accessible Document Processing

Personalized services & multimodal interfaces projects: W3C & ETSI

Standardization

- **SIMILAR objectives**
 - Consensus on additions to UIDLs, addressing current shortcomings
- **TALK**
 - Multimodal tools adapting dialog contents to the specific needs of the (disabled) individual
- **ePerSpace**
 - Definition, structure, exchange and distribution of user profile information

Activities & follow-up

- **SIMILAR**
 - feed project's UIDL-components into the W3C Web Applications Group
- **TALK**
 - Build consensus around a common syntax and mark-up for multi modal dialogs and annotations within several W3C working groups
- **ePerSpace**
 - Input to ETSI STF 265 on User Profile Management

Cooperation with standards bodies outside COPRAS and the ICTSB

Standardization

- **objectives**
 - eLearning cluster
 - Extensions to the ADL and IMS eLearning standards
 - Consensus building between groupings working on eLearning technologies
 - NAVSHP cluster
 - Extensions to UPnP profile & interfacing between OGSi & UPnP (MediaNet, TEAHA & ePerSpace)
 - Contributions to home gateways & home network architecture

Activities & follow-up

- eLearning cluster
 - Constituency/consensus building started 06/2005 with presentation in CEN/ISSS LTWS
 - Prepare extensions during Q4 2005
- NAVSHP cluster
 - Coordination of projects' contributions to UPnP
 - Presentation home networking architecture proposal to OSGi Q4 2005
 - Input to HGI

Despite good achievements, some issues were encountered as well

COPRAS action steps

- Arrange projects' cooperation on standards issues
- Narrow standards effort down to a realistic level
- synchronize processes
- Arrange contacts with standards bodies
- Help building consensus & constituencies
- Start up new standardization processes
- Rolling Action Plan

Issues encountered

- Difficult to arrange communication with some standards groupings
- Some Strategic Objectives are still to far away from standardization
- Many projects remain unable to define their standardization objectives at an early stage
- Processes in larger (IP) projects take a lot of time

Generic issues raised in kick-off meetings with call 1 & call 2 projects

- 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
- Interfacing at an early point is essential in order for projects synchronizing with procedures adopted by standards bodies as...
- ...projects lack resources for contributing to standards bodies at the end of their lifetime
- Additional means or mechanisms for interfacing process should be provided by the Commission

There is a need to address the RTD/ standards interface in a generic way

- Generic guidelines should be defined supporting projects' interfacing with standards bodies and answering questions such as:
 - How to find the right organization in a maze of standards bodies and industry groups
 - How to synchronize your project's standardization objectives with ongoing processes
 - How to focus your project's standardization activities & streamline them with your resources
 - How to create support & consensus for starting new standardization activities
 - How to build your standardization effort into your initial project proposal and ensure you're able to complete your work with standards bodies

Platform & guidelines supporting the interfacing will be developed

- Generic guidelines for RTD/standards interfacing in document format summer 2005
- Production of brochures and dissemination of guideline material
- Feedback from IST research community & standards organizations
- Extending guidelines document towards a platform concept
- Availability interactive RTD/standardization guidance platform end of summer 2006

Very positive response to COPRAS but some issues need addressing

- Generic guidelines will support call 5 projects but means should be found to address call 4 projects
- A generic platform guiding projects in future calls & framework programs may help but:
 - Tools & information need to be maintained
 - Evaluation, improvement & fine-tuning may take time
 - Question remains whether platform only solution is sufficient
- Several open issues remain that cannot be addressed by the current COPRAS project
 - Standardization gap will not disappear overnight
 - Support for call 1 & call 2 projects beyond COPRAS' lifespan
 - Additional tools may be required in Framework Programmes



Thank you for your attention;
we look forward to your feedback!

Questions?

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