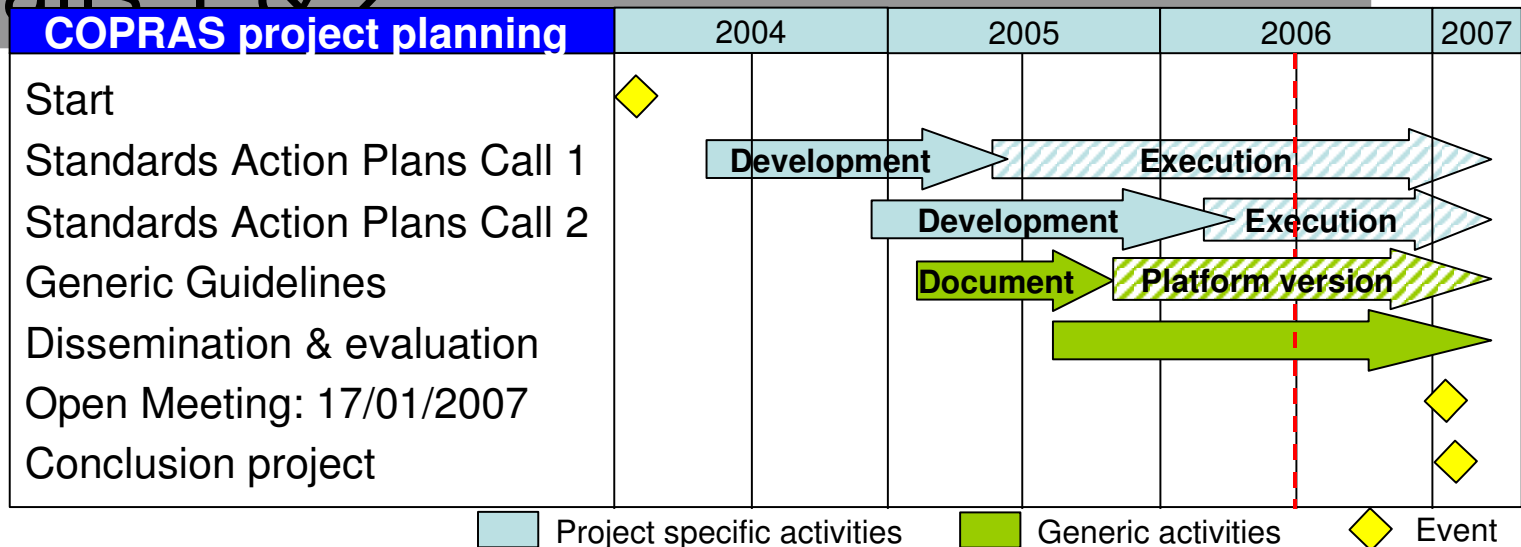# Overview of achievements towards improving RTD/standards interfacing

Presentation to the ICTSB, 27 June 2006

CEN/CENELEC meeting centre, Brussels

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

COPRAS project planning	2004	2005	2006	2007
Start	◆			
Standards Action Plans Call 1		Development → Execution		→
Standards Action Plans Call 2		Development → Execution		→
Generic Guidelines		Document → Platform version		→
Dissemination & evaluation			→	
Open Meeting: 17/01/2007				◆
Conclusion project				◆

☐ Project specific activities   ☐ Generic activities   ◆ Event

Call 1

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

Call 2

- 107 projects addressed
- 55 projects responding to questionnaire (51,40%)
- Plans with 19 projects

Overview main standardization objectives Call 1 projects

Project	Area	Focus	Standardization area/objective
ARTEMIS	eHealth	CEN/OASIS	Interoperability of medical information through semantic web services P2P infrastructures
BROADWAN	Wireless broadband	ETSI BRAN	Mixed (fixed/wireless system architecture & harmonization with 802.16e; Hyperman testing standards
GANDALF	Broadband	ETSI BRAN ETSI AT	EuroDOCSIS extensions, enabling usage of the standard in a wireless scenario
SATINE	eBusiness	CEN eBIF	ebXML contributions for eTourism
SECOQC	eSecurity	CEN/ISSS	Integration of Quantum Cryptography into ICT systems
SIMILAR	Multimodal Interfaces	W3C	Consensus on additions to UIDLs, addressing current shortcomings
SIMPLICITY	Mobile	3GPP	User profiling for mobile applications & services, exchange of user profile data
ELeGI, ICLASS, Telcert & Unflod	eLearning	IMS	Improvements to the IMS standard
ePerSpace	Audio/visual	ETSI & HGI	Home gateway standards; personalization of services
TALK	Multimodal interfaces	W3C	Multimodal tools adapting dialog contents to the specific needs of the (disabled) individual
MediaNet	Audio/visual	ETSI	Integrating A/V requirements into reference architecture
TEAHA	Audio/visual	TISPAN UPnP	semantic interoperability for home networked devices
ENTHRONE	Audio/visual	Forum ISO	concept & architecture for end-to-end QoS management

Overview main standardization objectives Call 2 projects

Project	Area	Focus	Standardization area/objective
Support-EAM	eInclusion	CEN Workshop	Definition 'Unified Web Evaluation Methodology' for accessibility of web sites
EUAIN	eInclusion	CEN Workshop	Uniting market players around common objectives towards providing information for people with print impairments
EUROPCOM	UWB technolog y	ETSI EMS	Input to UWB standards improving their suitability for emergency communications
IPerG	Gaming	W3C, JCP, IETF, OMA	Contributions to standardization encouraging pervasive gaming
POLYMNIA	Audio/vide o	ISO, W3C	Contributions to MPEG-7 & MPEG-21; Contributions to W3C multimedia standards
wearIT@work	Wearable computing	W3C; others	Contributions to various standards relevant to one or more aspects of wearable computing
AKOGRIMO, CoreGRID, DataMiningGrid, GridCoord, HPC4U, InteliGrid, KWf-Grid, NextGRID, OntoGrid	GRID	W3C	Organizing a workshop focusing on making technology choices, that can serve as a basis to determine the standards issues that should be addressed in this area
ARTIST2, DECOS; HIJA; ASSERT	Embedded systems	RTCA, IEC, ARINC, FlexRay, AUTOSAR	Joint contributions to/revisions of existing specifications of 5 standards organizations

Some projects already successfully contributed to standardization...

- 5 submissions to IMS from eLearning projects

- GANDALF contribution to ETSI AT

- EUAIN and Support-EAM are working in CEN Workshops towards their standardization goals

- W3C will start work with the GRID projects towards essential technology decisions

- ePerSpace contributions to the HGI and ETSI STF265 (personalization of services)

- MediaNet contributed on integrating AV services in the ETSI TISPAN architecture

…but lack of time and resources may hinder projects achieving their goals

- Funding standardization processes without sufficient financial resources remains complicated
- Several projects started their standardization work but are not able to complete this
- Standards organizations' (members') agendas clash with projects' intentions
- Standardization processes/organizations may turn out (not) to be covering topics as anticipated
- The technological gap between research and market implementation sometimes is

The Generic Guidelines: aggregating the project's results and experience

- Development Generic Guidelines for IST projects interfacing with ICT standards organizations
  - Offered via Commission to most projects in FP6 Calls 4 & 5
  - Downloadable from the COPRAS web site
  - Over 50.000 hits
  - Overall positive responses from Commission

- Platform version Generic Guidelines under development
  - Larger set of tools helping research projects determine whether and how to cooperate with standardization
  - RTD/standards portal for all stakeholders concerned
  - Ensuring sustainability of COPRAS results

Overall feedback has been positive and targeted results are within reach

- COPRAS is well on track achieving its goals
  - Quantitative goals within reach through Standardization Action Plans
  - Qualitative goals within reach through Generic Guidelines
  - Good feedback from Commission & project reviewers
  - Good perspective on generating sustainable results
- Many aspects will still have to be addressed
  - Synchronizing research projects & standards organizations' agendas and goals takes considerable time
  - It is not always possible to estimate the required standardization resources at the beginning of a project
  - Substantial remaining requirement among projects for

COPRAS' last 6 months: evaluating & consolidating the project's results

- Gathering feedback from projects in Calls 4 & 5 on appreciation of the Generic Guidelines

- Gathering feedback from standards organizations on their RTD/standards interfacing experience

- Transforming the Generic Guidelines into a web-based platform supporting the ICT research community interfacing with standards bodies

- Evaluating options for continuing improvement of RTD/standards interfacing in FP7

- Organizing an Open Meeting, addressing

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

Questions?

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