COPRAS – Improving the Interface between Research and Standardization

Presentation at eChallenges 2004 workshop 9a:

eBusiness 8: Standards and Standardization 1

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COPRAS is an FP6 SSA addressing IST research and standardization

- Improve interfacing between FP6 IST projects and standards bodies

- Focus on most Strategic Objectives in calls 1, 2 & 3

- Prime goals:
  - Act as a facilitator to FP6 IST projects wishing to upgrade their deliverables through standardisation
  - Prepare generic information on RTD/standards interfacing guiding those proposing or evaluating future projects

- Project runs from 1st February 2004 to 31st January 2007

COPRAS' roots lie with European standardisation bodies & the ICTSB

Collaborative group of organisations concerned with standardization and related activities in ICT

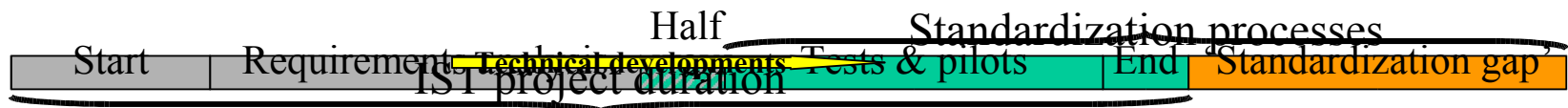| Standards bodies	CEN CENELEC ETSI	W3C The Open Group	ERTICO Radicchio	EBU ATM Forum ECMA International TeleManagement Forum Internet Society	EICTA ECBS OASIS DVB OMG	Industry Groups

COPRAS was initiated by the 3 European Standards Organizations together with W3C and The Open Group, but backed by the ICTSB

Background & reasoning behind the COPRAS project

- Interfacing with standardization is required for research projects under Framework Programmes

- Standardization 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 & society

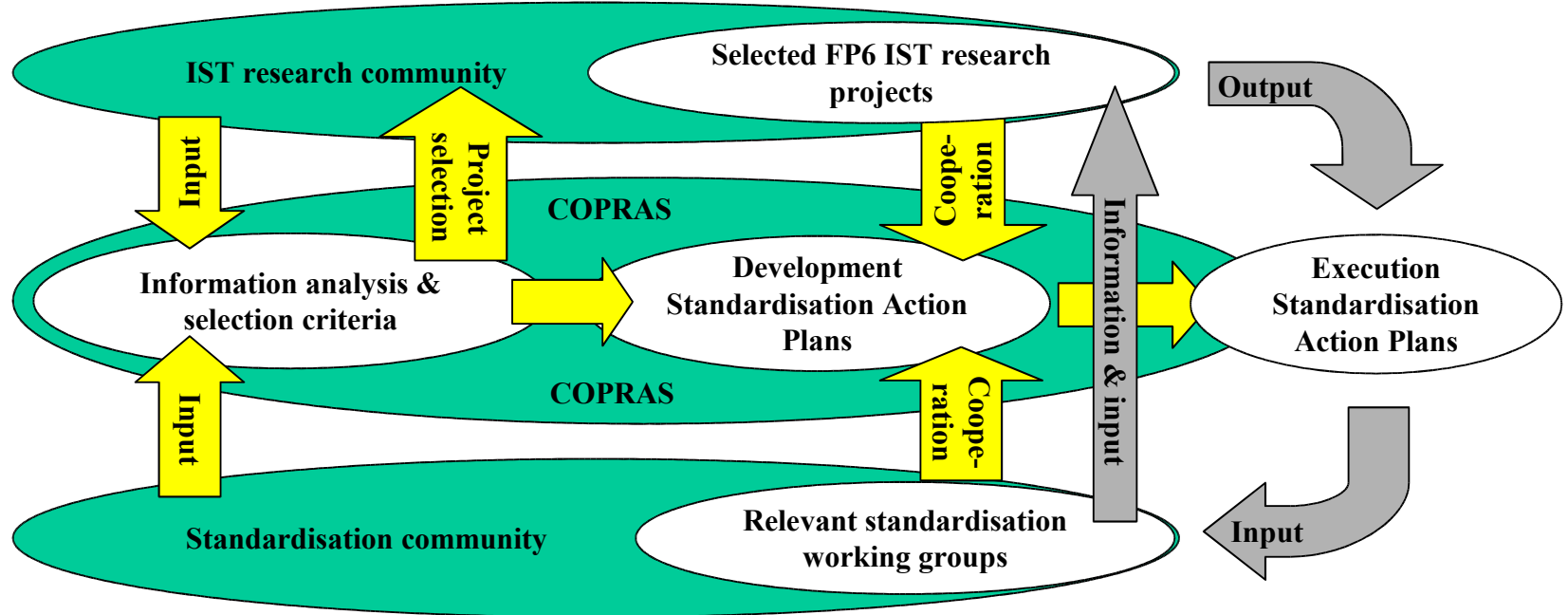| Start | Requirement | Technical developments | Half | Tests & pilots | End | Standardization processes |
| | | IST project duration | | | | 'Standardization gap' |

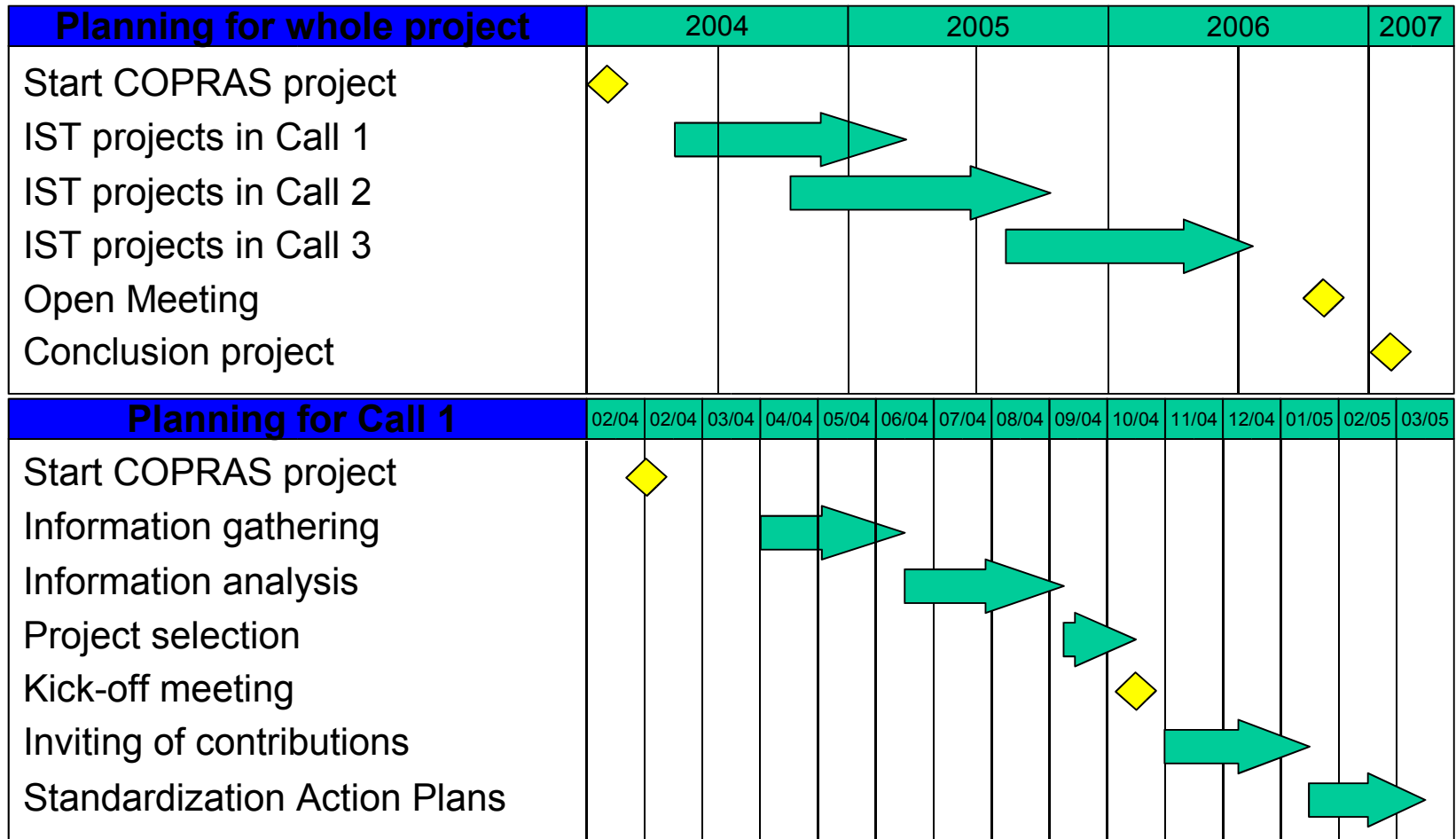# COPRAS streamlines cooperation between standardization & research

- Survey projects for standards related output
- Analyse feedback & select projects to define Standards Action Plans with
- Install mechanisms & tools for cooperation between research and standardization, also across different Strategic Objectives
- Arrange input from research projects into standardization processes and promote new work items resulting from research project's output
- Ensure relevant input from standards bodies to research projects

Systematic steps leading to the definition of standardization paths

Tailored Standardzation Action Plans will be prepared with selected projects and information exchange will be facilitated

Consecutive steps will be followed through all FP6 IST calls

Planning for whole project	2004	2005	2006	2007
Start COPRAS project	◆			
IST projects in Call 1	➡			
IST projects in Call 2		➡		
IST projects in Call 3			➡	
Open Meeting				◆
Conclusion project				◆

Planning for Call 1	02/04	02/04	03/04	04/04	05/04	06/04	07/04	08/04	09/04	10/04	11/04	12/04	01/05	02/05	03/05
Start COPRAS project		◆													
Information gathering				➡											
Information analysis						➡									
Project selection								➡							
Kick-off meeting									◆						
Inviting of contributions											➡				
Standardization Action Plans														➡	

Initial response encouraging, also where eBusiness is concerned

FP6 Call 1	Networked business and governments
164 projects addressed across 10 Strategic Objectives	**20 projects addressed in Strategic Objective 2.3.1.9**
92 responses received (56%)	**16 responses received (80%)**
25 projects approached for participation in the COPRAS Programme	**Approached for kick-off meeting: EMAYOR, SATINE, DBE & TrustCom**

Kick-off meeting 14th October 2004: jump-start development of 'Standardization Action Plans' in thematic 'clusters'

Relevant areas standardization areas: Security issues

Project	Standards issues addressed
TrustCom (Trust & contract management framework for collaborative business processes)	Interoperability profiles covering: model driven security; collaborative business processes; policies and security; contracts and service level agreements; trust PMI and PKI; Web and Grid Technologies & semantic technologies
EMAYOR (Secure municipal government applications)	X-Forms digital signature and smartcard integration enhancements; E-Gov XML exchange standards at a European Level; Language Issues at European Level; Practical solutions at a European level for issues around Government digital identification tokens (SmartCard) standardization and related CA-architecture

Relevant standardization areas: Se-mantic-based systems & languages

Project	Standards issues addressed
DBE (Digital BusinessEcosystem)	Business software interoperability Services and business modeling Standards for eBusiness and ontologies ebXML
SATINE (Semantic-based interopera-bility infrastructure for integrating Web Service Platforms to Peer-to-Peer Networks)	Web Services; Knowledge ontologies; Semantic Web architecture; Business modeling; Interoperability in eBusiness systems & applications (travel and airline industry)

Joint next steps of research projects and standards bodies

- Further define & develop 'cluster' activity between projects and COPRAS (CEN/ISSS workshops [eAuthentication, data protection etc.] & W3C)

- Identifies steps to be taken by projects and standards bodies: joint meetings

- Definition of tailor made standardization action plans:
  - Providing a realistic path towards standardization based on the experience and support of COPRAS
  - Identifying realistic objectives in view of available resources
  - Defining technical & dissemination activities
  - Defining tasks to be completed by projects and COPRAS

Projects will benefit from defining Standardization action Plans...

- Identifies tasks and support COPRAS will provide to projects
- Identifies where roles, resources, and tasks can be shared amongst projects
- Helps to identify innovative and accelerated approaches to standardization
- Helps projects with the dissemination of their results

COPRAS will help projects to improve their cooperation and coordination of standardization activities so research results will reach the market at an earlier point.

We look forward to the cooperation between eBusiness projects and COPRAS

Thank you for your attention!

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