



An introduction to the project, its main objectives
and its methods & milestones

Presentations to EU Project Officers,
2nd April, 2004, Brussels



THE *Open* GROUP



Agenda

- Introduction (J. Boyd)
- Project background, focus areas, consortium partners, goals & objectives (B. Brusse)
- Background information: methodology, planning & processes (B. Brusse)
- Experience from previous projects and results targeted by consortium partners (J. Boyd, B. Brusse)
- Questions, answers & discussion

Introduction

James Boyd (CEN)

- What is CEN?
 - European Standards Committee (CEN)
 - Information Society Standards System (CEN/ISSS)
 - COPRAS Co-ordinator
- Welcome
 - Long awaited meeting
 - DGIII/DGXIII MOU (July 1999) – need for Open Solutions
 - How can standards community help your projects optimise the standards/RTD interface
- 2 way dialogue
 - RTD projects are informed on “State of Art” in standards
 - RTD projects can “upgrade” deliverables in standards arena
- Benefits offered
 - ESOs recognised under 98/34 Directive and New Approach
 - ESO values – Openness, transparency, participation, availability of results
 - COPRAS provides fast-track to these benefits



Project background, focus areas, consortium partners, goals & objectives

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Bart Brusse, COPRAS Project Manager



Goals and nature of the COPRAS project

- The Cooperative Platform for Research and Standards is a
 - Specific Support Action under FP6 IST calls 1-3, and
 - Started 01/02/04 and will run for 36 months
- Its goals is to stimulate and increase interaction between research and standardisation activities by
 - Acting as a platform for FP6 projects wishing to upgrade deliverables, and by
 - Preparing generic information on the RTD/standards interface guiding Project Officers & those proposing and evaluating (future) projects

COPRAS Consortium Partners

3 European Standards Organisations and 2 industry groups constitute the COPRAS consortium

CEN (European Committee for Standardisation)

CENELEC (European Committee for Electrotechnical standardisation)

ETSI (European Telecommunications Standards Institute)

The Open Group

W3C (World Wide Web Consortium)

All consortium partners are Members of the ICT Standards Board (ICTSEB)



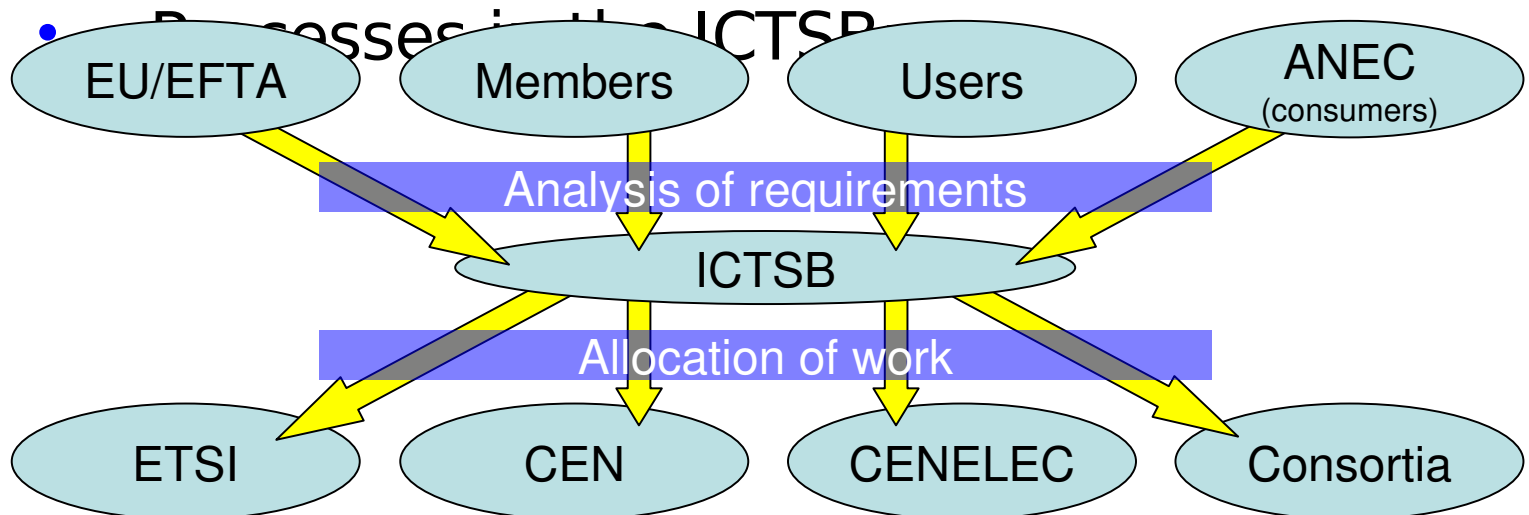
What is the ICT Standards Board?

- Collaborative group of organisations concerned with standardization and related activities in ICT
- Membership includes European Standardisation Organisations (ESOs) & industry groups

ESOs	Industry Groups		
<p>CEN CENELEC ETSI</p>	<p>W3C The Open Group</p>	<p>EBU ATM Forum ECMA International TeleManagement Forum</p>	<p>EICTA ECBS OASIS DVB OMG</p>

What does ICTSB do?

- Analyse standards requirements from any competent source
- Based on concrete market needs
- Translate these requirements into coherent, approved programmes and allocate projects



Background and objectives behind the COPRAS project (1)

- Interfacing with standardisation is required for research projects under Framework Programmes (General Conditions Art.10.2)
 - “The contractors must, during the entire duration of the contract and for two years following the end of the project, inform the Commission and the European Standardization bodies about knowledge which may contribute to the preparation of European or, where appropriate, international standards or to an industrial consensus on technical issues”
- Parallel processes enable cross-fertilisation
- Standardisation activities are many times already underway with respect to many aspects in IST

Background and objectives behind the COPRAS project (2)

- An effective interface with standardisation can be very beneficial to research projects
 - Access to a network of specialised experts
 - Greater visibility & exploitation potential of research results
 - Avoid a quest through a maze of standards bodies and industry groups finding the right organisation with the proper procedures to support your project
- Cooperative research generates standards that are more successful in international consensus building processes

But why standardise at all?

- Many reasons for carrying out standardisation processes, such as
 - Establishment of compatibility and interoperability
 - Removal of trade barriers
 - Safety & health of citizens
- But also research projects may have their reasons:
 - Increase quality of products and create competitive advantages
 - Test products according to internationally agreed principles
 - Higher international recognition
 - Ability to use external expertise to the advantages of your project, saving resources

COPRAS' direct relationship with eEurope IST objectives

- Prime societal & economic issues are addressed:
 - Health & transport systems, learning systems, eInclusion, etc
 - Enable sustainable growth & improve competitiveness
 - Security & data protection
- Strategic objectives are addressed:
 - Maintain Europe's industrial and technological leadership
 - Address weak spots in areas critical to competitiveness
 - Ensure parallel evolution of technology and applications
- Enable SME's participation on standardisation

COPRAS will serve standardisation and research in several ways

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

The project addresses most of the Strategic Objectives in calls 1 & 2

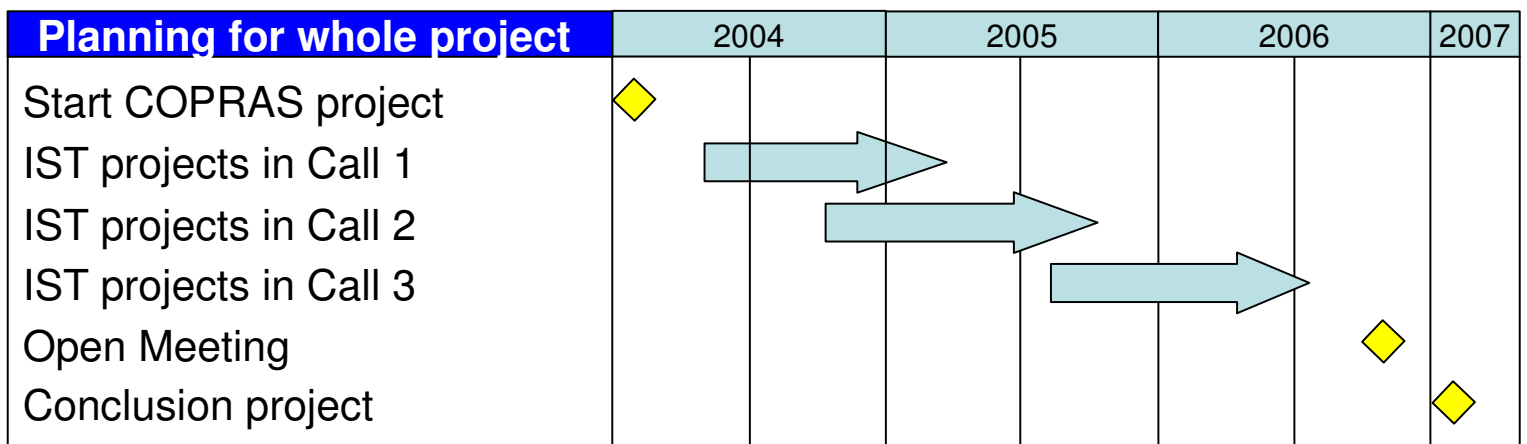
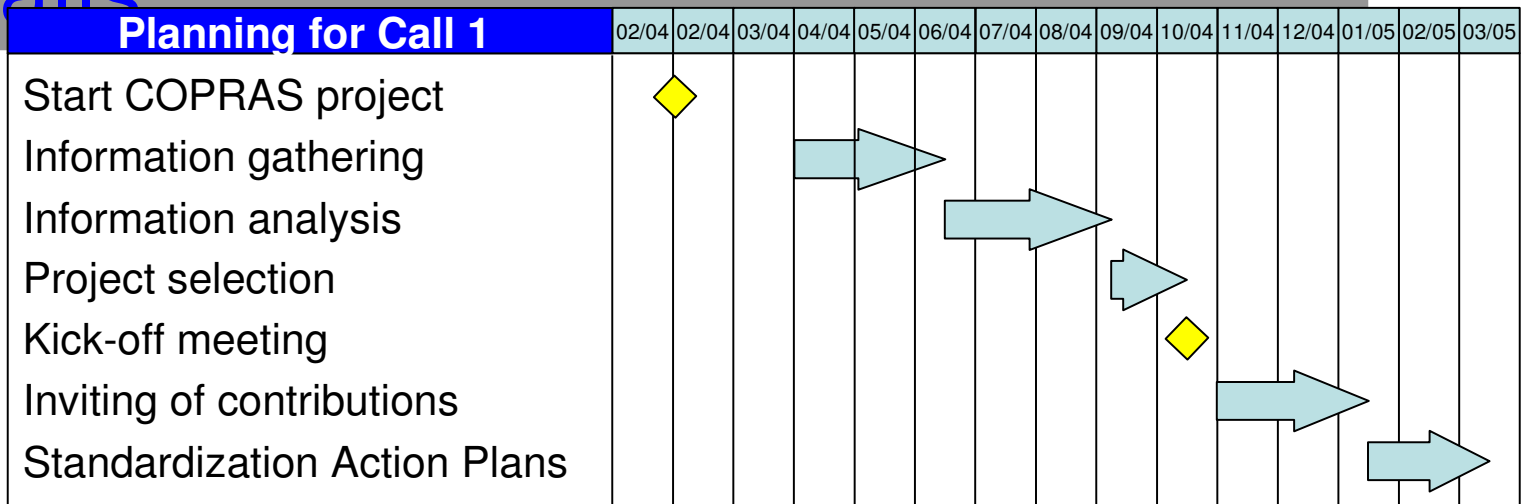
Call 1

- Broadband for all
- Mobile and wireless systems beyond 3G
- Towards a global dependability and security framework
- Multimodal interfaces
- Semantic-based knowledge systems
- Networked audio-visual systems and home platforms
- Networked businesses and governments
- eSafety of road and air transport
- eHealth
- Technology-enhanced learning and access to cultural heritage

Call 2

- Open development platforms for software and services
- Cognitive systems
- Embedded systems
- Applications and services for the mobile user and worker
- Cross-media content for leisure and entertainment
- GRID-based systems for solving complex problems
- Improving risk management
- eInclusion

Consecutive steps will be followed through all FP6 IST calls



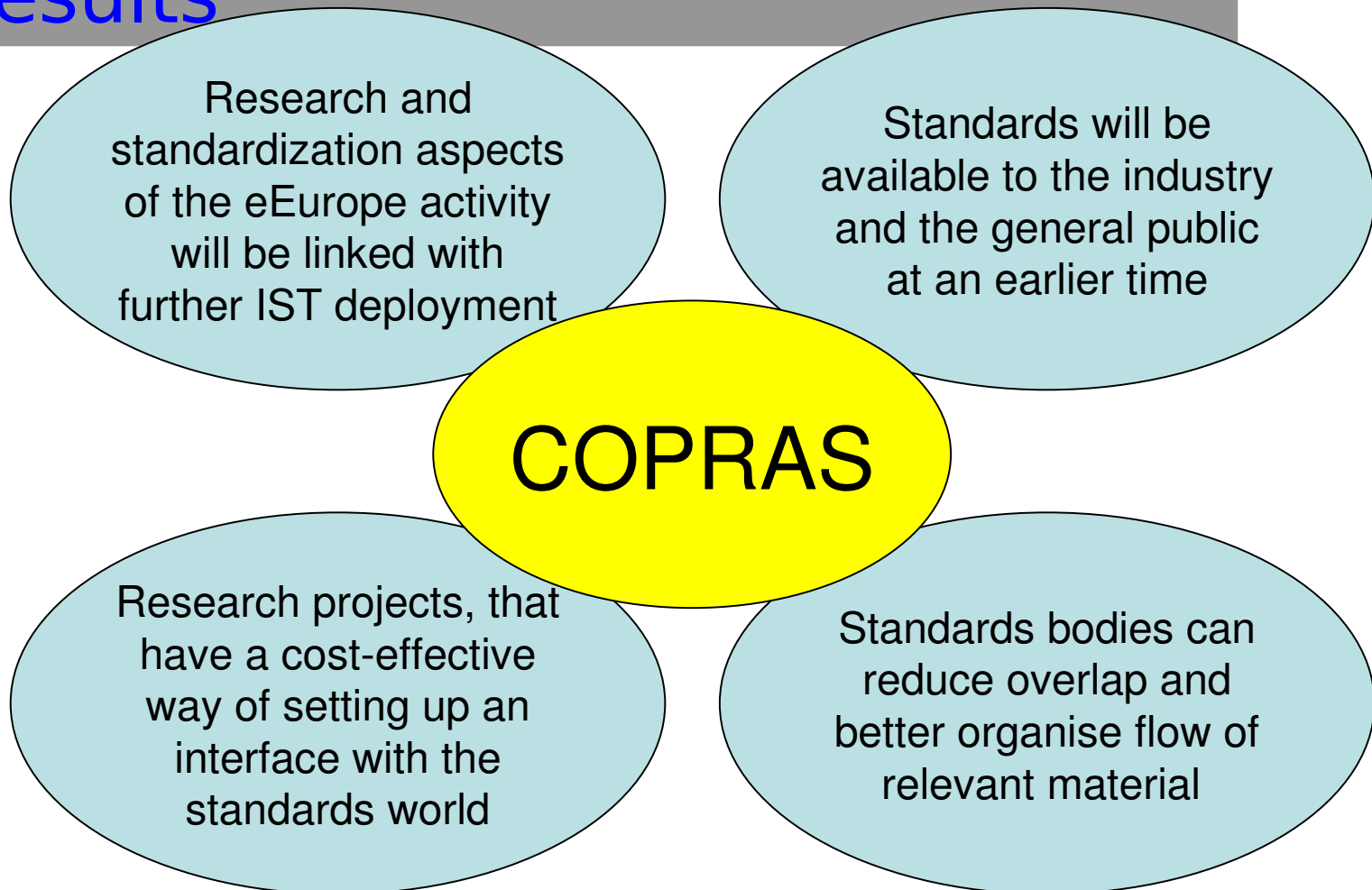
COPRAS will also provide services beyond the project's lifetime

- Interface and cooperation tools will remain in place
- Generic guidance material on the interface between standardisation and IST research will be developed in two stages aiming to support:
 - Those evaluating current and future IST projects
 - Companies, organisations and institutions proposing IST projects in future calls (e.g. FP6 calls 4 and 5)
 - EU Project Officers
- This generic material will be maintained and updated by the consortium partners

Tailor-made Standardisation Plans will be defined early in the process

- Development of Standardisation Action Plans in cooperation with selected projects
- Invite contributions from selected projects
- Facilitate introduction research projects' output in relevant standardisation groups
- Target dates & milestones for deliverable standards and enable the coherent execution of the Standardisation Action Plans
- Initiate or promote new standardisation items
- Cover the 'time gap' between availability of projects results and standardisation

A variety of stakeholders will benefit from the project and its results



COPRAS will spend specific attention to promoting the project & its results

- Web-site
- Information Package
- Promote the project at seminars & conferences
- Organise liaison between standardisation community, research community and COPRAS
- Produce brochures documenting cases & interim results & throughout the project
- Prepare & maintain generic material on standardisation to support consecutive IST calls
- Organise Open Meeting at the end of the

Expected results: an example for projects in call 1

- Targeted response rate from questionnaire: 50%

- ~~Standardisation Action Plans: 8%~~

Selected Strategic Objective areas	100%	50%	8%
Broadband for all	18	9	1
Mobile & wireless systems beyond 3G	21	11	2
Towards a global dependability and security framework	16	8	1
Multimodal Interfaces	14	7	1
Semantic-based knowledge systems	15	8	1
Networked audio-visual systems and home platforms	19	10	2
Networked businesses and governments	23	12	2
eSafety of road and air transport	14	7	1
e-Health	20	10	2
Technology-enhanced learning & access to cultural herit.	16	8	1
Total	176	90	14

Results will be available during the project's lifetime and at the end

- First results of the project expected Q2 & Q3 2005
 - Kick off Standardisation Action Plans for Call 1
 - Interim documentation
 - Interim evaluation
- Final results of the project expected Q4 2006 and Q1 2007
 - All Standardisation Action Plans into force & some 'tangible' results available
 - Final documentation
 - Feed-back Open Meeting
 - Final evaluation

COPRAS is also expected to support the work of Project Officers

- Provide mechanisms to check whether projects are not re-inventing the wheel
- Streamline evaluation of projects with respect to their interfacing with standards bodies
- Generic procedures for interfacing with standards bodies will allow integrating this obligation in the most cost-effective way in projects' budgets
- Generic mechanisms for identifying standards related output at an early stage will further encourage cooperation between research projects and improve overall results of IST calls



Planning, methodology & milestones

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Work Packages & methodological steps

Project management

WP1 Project management activities

Project support activities

WP2	Gathering project information
WP3	Information analysis and project selection
WP4	Development appropriate standardisation paths
WP5	Promotion, dissemination & liaison
WP6	Strategic evaluation and coordination

Methodological steps

Survey projects and identify COPRAS community

Select projects and identify COPRAS programme

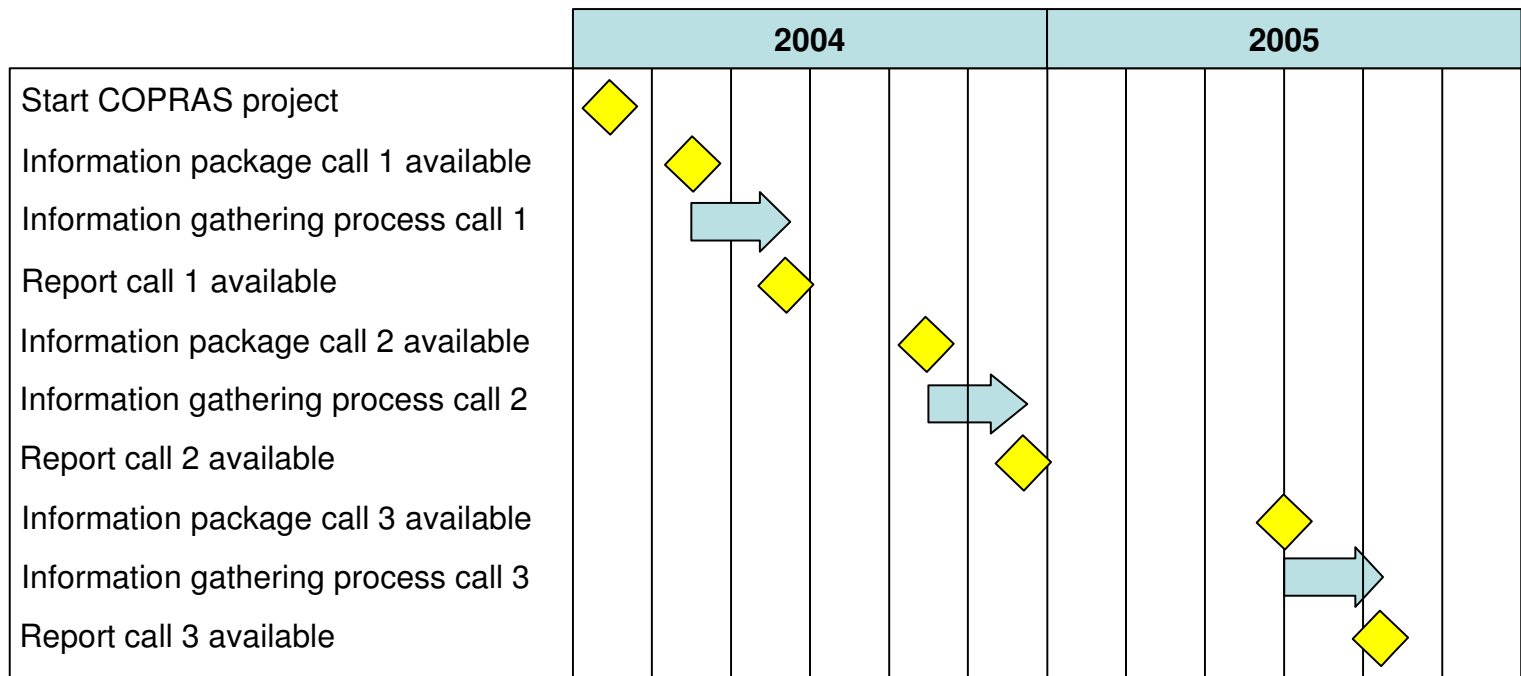
Establish communication between COPRAS and standards bodies

Arrange cooperation between projects and standards bodies

Ensure the establishment of Standardisation Action Plans

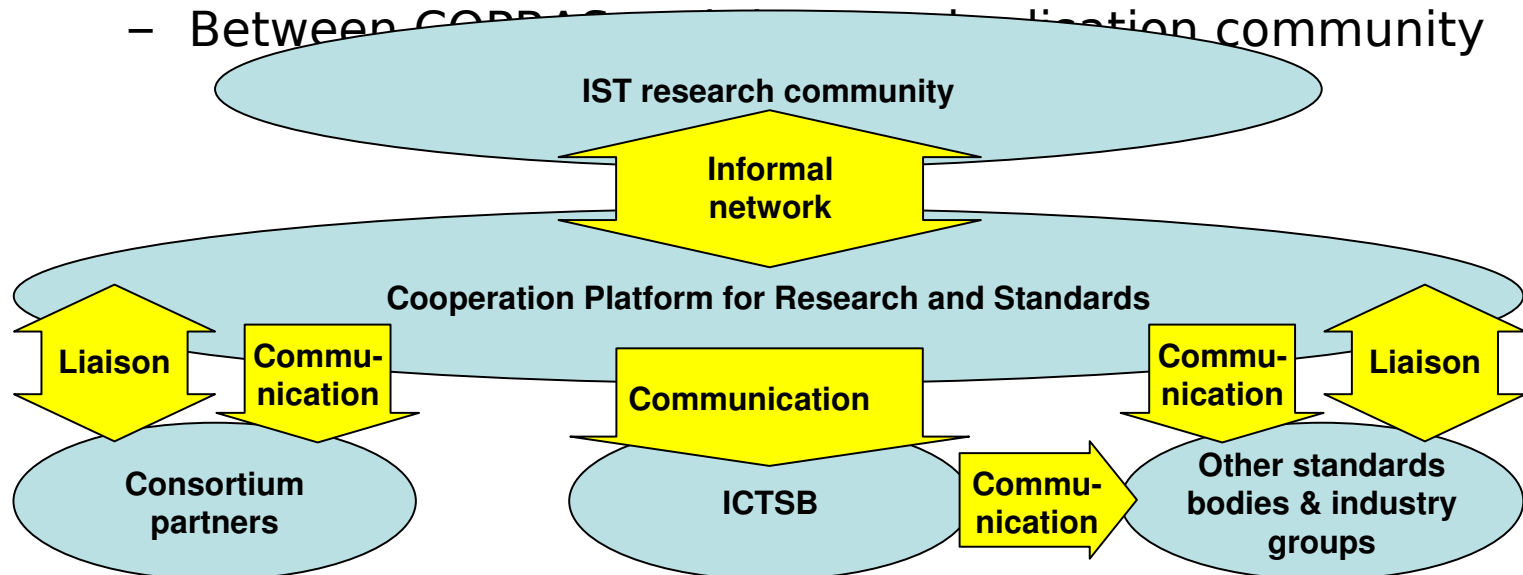
WP2 will survey projects for standards related output & issues

- Projects will receive an information package & questionnaire
- Information gathering reports will serve as a basis for further analysis



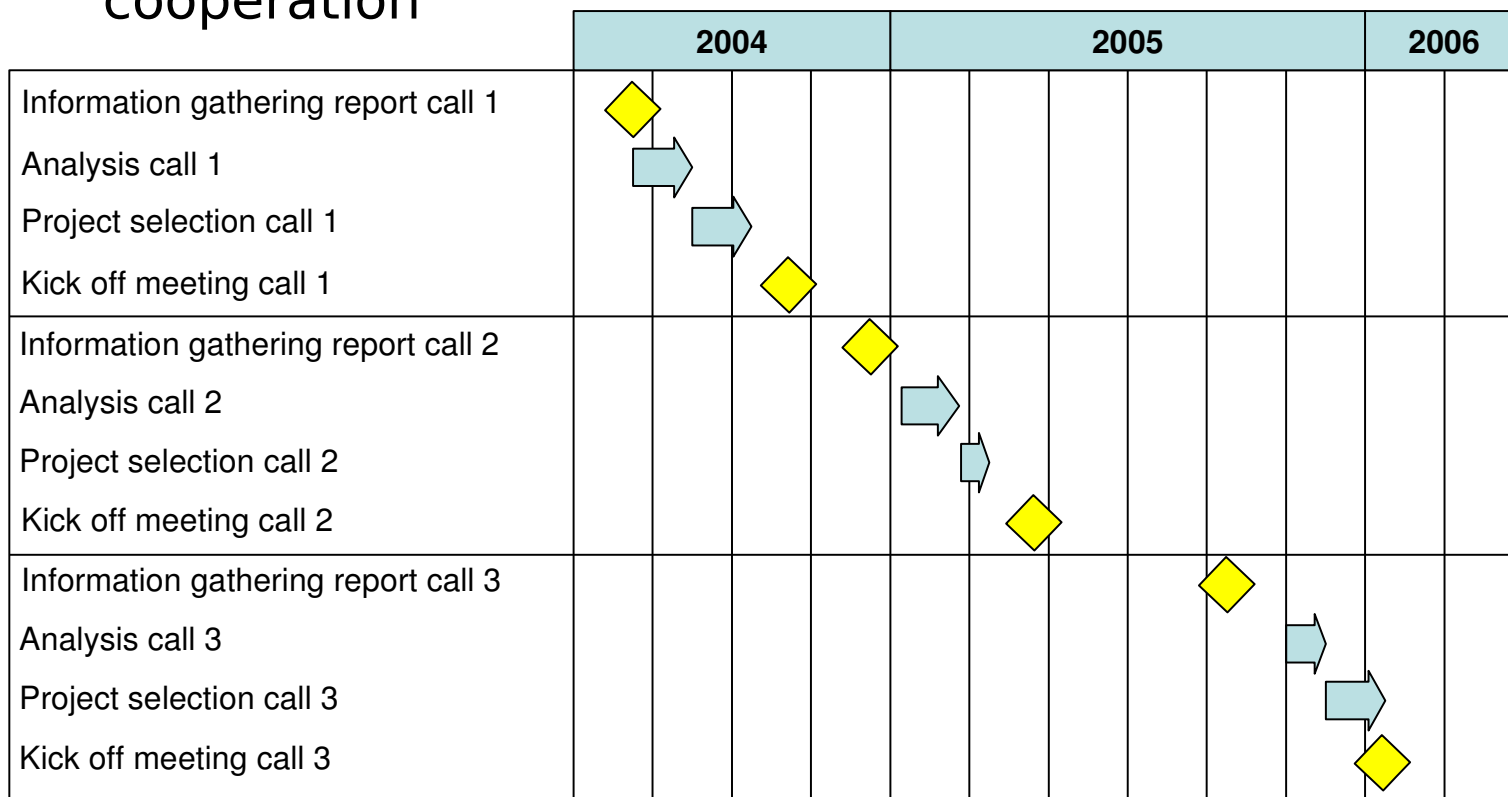
Establishment & maintenance of contacts builds COPRAS community

- Benefits of cooperation will be underlined
- Electronic tools will facilitate communication
 - Between projects and the COPRAS platform
 - Between individual projects
 - Between COPRAS and the information community



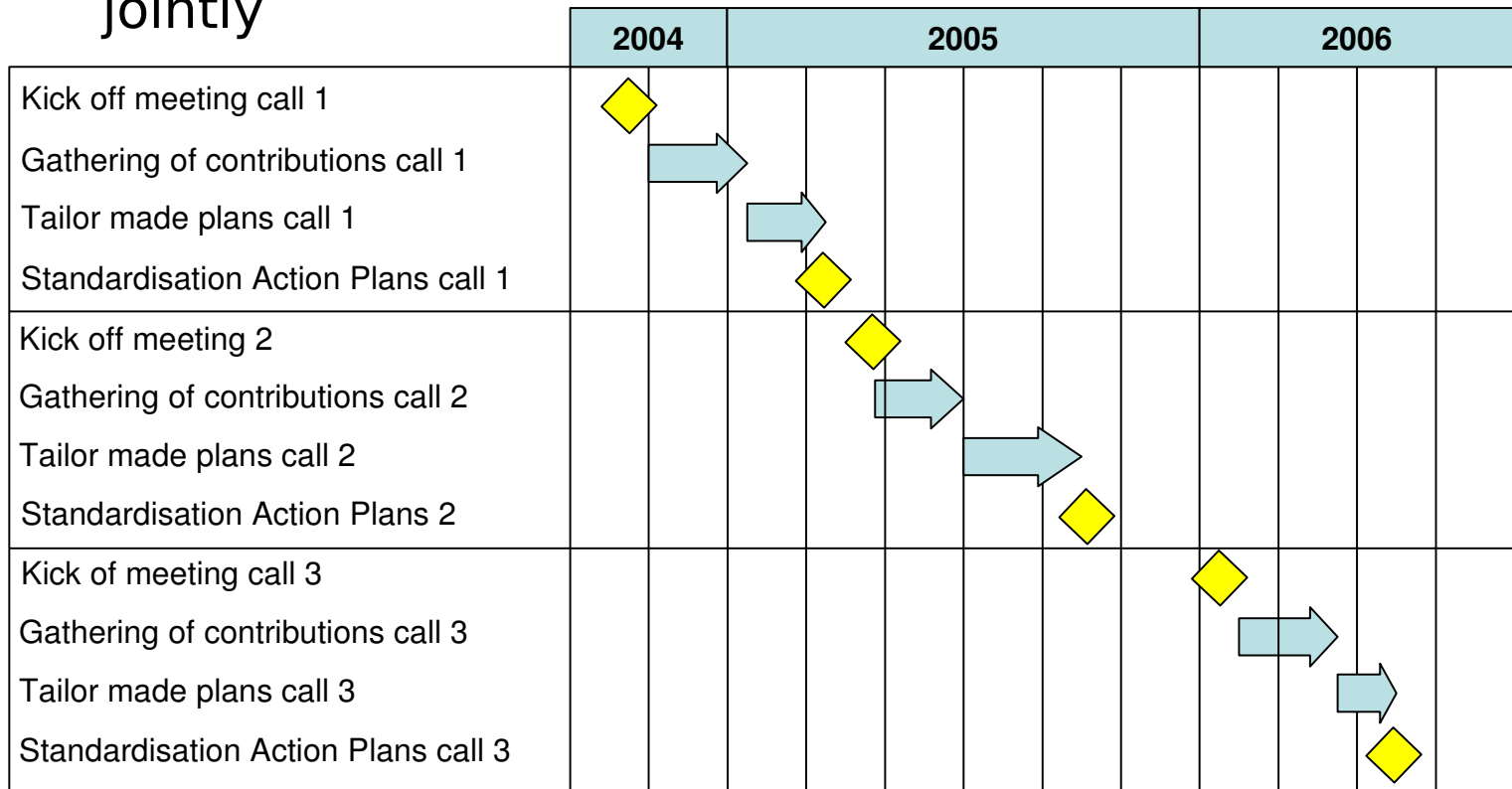
WP3 will analyse the information and select projects for cooperation

- Analysis will cluster projects in a logical way
- Criteria will be defined to select projects for cooperation



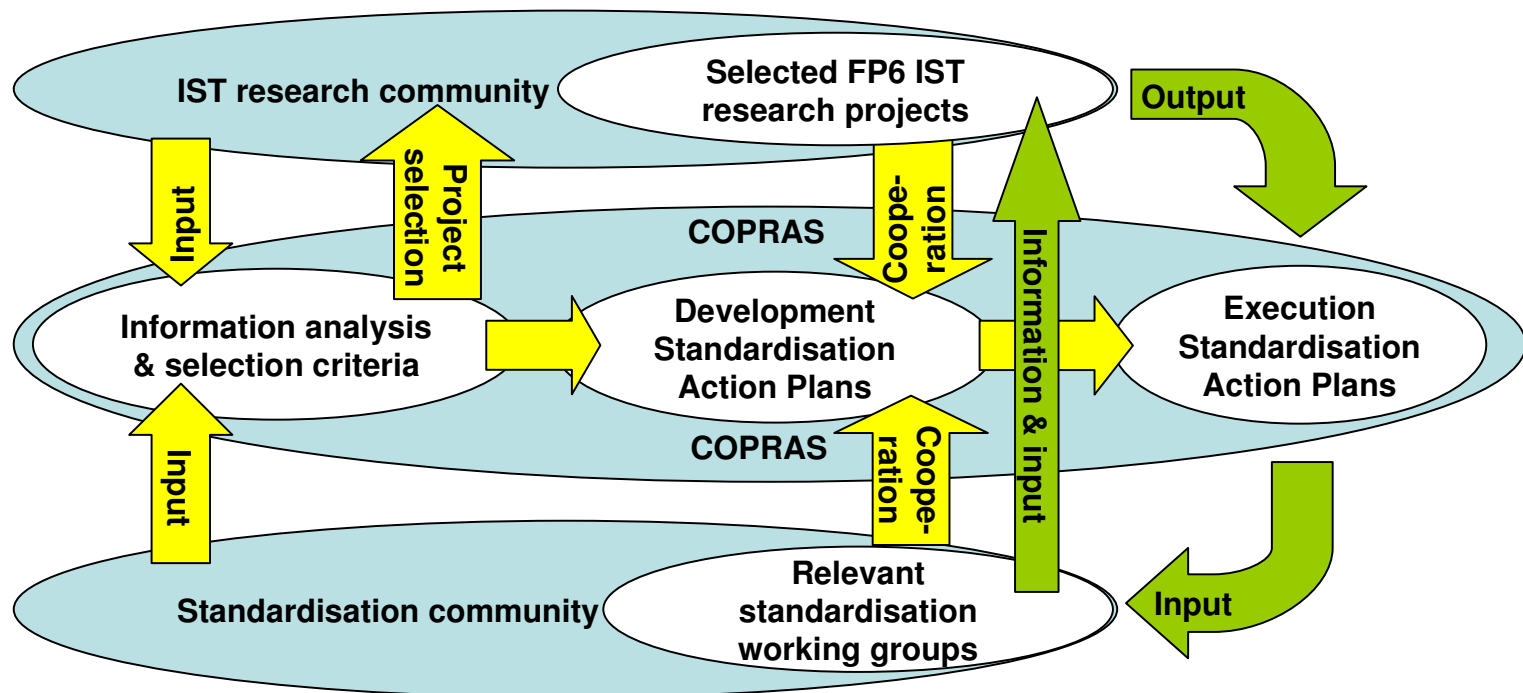
WP4 will define standardisation paths with selected projects

- Projects will be invited to contribute output to standardisation processes
- Standardisation Action Plans will be developed jointly



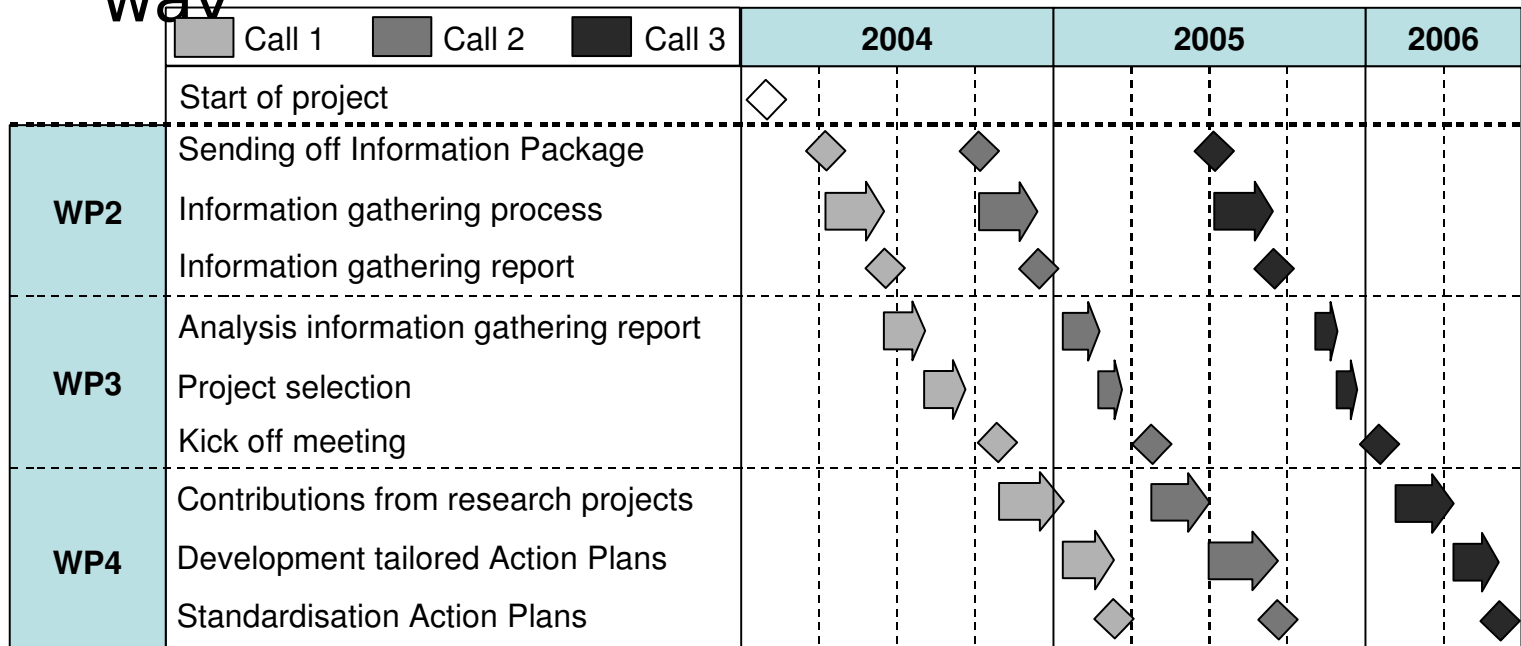
The COPRAS platform will structure cooperation with selected projects

- Tailored Standardisation Action Plans will be prepared with each of the selected projects
- Input, both in standardisation and research processes, will be facilitated



Project planning over the three consecutive calls

- All 3 calls will be addressed within a 27-months time frame
- Limited overlap spreading the work of COPRAS project team in the most efficient way



WP2 milestones will cover a period between Q1 2004 and Q4 2005

- WP2 milestones focus on:
 - Development of information packages & questionnaires tailored at the specific strategic objective areas in the 3 calls
 - Sending out of the information packages to the project coordinators
 - Aggregate information received in a report for each

Milestones WP2		2004	2005
2.1	Inform. package call 1	◆	
2.2	Send package call 1	◆	
2.3	Information rep. call 1	◆	
2.4	Inform. package call 2		◆
2.5	Send package call 2		◆
2.6	Information rep. call 2		◆
2.7	Inform. package call 3		◆
2.8	Send package call 3		◆
2.9	Information rep. call 3		◆

WP3 milestones will be achieved between Q3 2004 and early 2006

- WP3 milestones focus on:
 - Analysis of the information gathering reports
 - Development of criteria to select projects for participation in the COPRAS programme
 - Invite selected projects to participate in a kick off meeting

Milestones WP3		2004	2005	06
3.1	Analysis report call 1	◆		
3.2	List of projects call 1		◆	
3.3	Kick off meeting call 1		◆	
3.4	Analysis report call 2		◆	
3.5	List of projects call 2		◆	
3.6	Kick off meeting call 2		◆	
3.7	Analysis report call 3			◆
3.8	List of projects call 3			◆
3.9	Kick off meeting call 3			◆

WP4 milestones cover a period between early 2005 and Q2 2006

- WP4 milestones focus on:
 - Defining in detail contributions from research projects to standardisation work
 - Arranging for these contributions to be presented to the standardisation community
 - Develop the appropriate standardisation paths for each selected project and incorporate these into Standardisation Action Plans

Milestones WP4		2005		2006
4.1	Contrib. projects call 1	◆		
4.2	Stand. Action Plans call 1		◆	
4.3	Contrib. projects call 2			◆
4.4	Stand. Action Plans call 2			◆
4.5	Contrib. projects call 3			◆
4.6	Stand. Action Plans call 3			◆

Milestones have been planned to support the dissemination of results

- Overlap between calls 1, 2 and 3 enables interim feedback to improve COPRAS' processes and results in subsequent calls
- Early results from execution of Standardisation Action Plans can be incorporated in (first sets of) brochures and generic material
- COPRAS community & programme will be established by mid 2006 to allow incorporation results to be taken into account with respect to the preparation of the Open Meeting

WP5 & WP6 cover the whole life span of the COPRAS project

- WP5 & WP6 milestones focus on:
 - Development of (interim) promotional and guidance material
 - Open Meeting towards the end of the project's life span

Milestones WP 5 & 6	2004	2005	2006	07
5.1 Web site	◆			
5.2 Dissemination plan	◆			
5.3 Interim generic material		◆		
5.4 First set of brochures		◆		
5.5 Final generic material				◆
5.6 Final set of brochures				◆
5.7 Open Meeting				◆
5.8 Report Open Meeting				◆
6.1 Interim evaluation report		◆		
6.2 Final evaluation report				◆

Targeted effects of the COPRAS project structure & methodology

- Allow all FP6 IST projects with standards related output to participate in the process
- Installation of the COPRAS interface between IST research projects in subsequent calls and the standards body as a 'self contained' process
- Arrange for at least 6 formal contributions of standardisation work to be introduced to and taken up by standardisation bodies or industry consortiums

C-ECOM - A pilot experience

- CEN/ISSS already ran a “pilot” project under FP5 (C-ECOM, dealing with KAII eCommerce projects)
- C-ECOM worked very well:
 - We examined the 220 KA II e-commerce projects for standards relevance:
 - Seemed to be developing standardized concepts
 - Required advice on standards issues
 - We short-listed some 50 and contacted them
 - 20 item “work programme” (including both advice to research consortia, and proposals to standardization)

A case study: eConstruction

- C-ECOM found several IST projects dealing with aspects of eBusiness in the construction sector
- Discussions with eConstruct, ICCI and ROADCON Cluster: common issues for consensus on use of XML for “business messages”
- Result:
 - CEN/ISSS Workshop launched, to reach open consensus on CWAs
 - European eConstruction Framework
 - European eConstruction Architecture
 - European eConstruction Meta Schema

We look forward to the cooperation
between EU Project Officers and COPRAS

Thank you for your attention!

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