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

Presentation at the eBIF plenary meeting, 30 June 2005

CEN/CENELEC meeting centre, Brussels

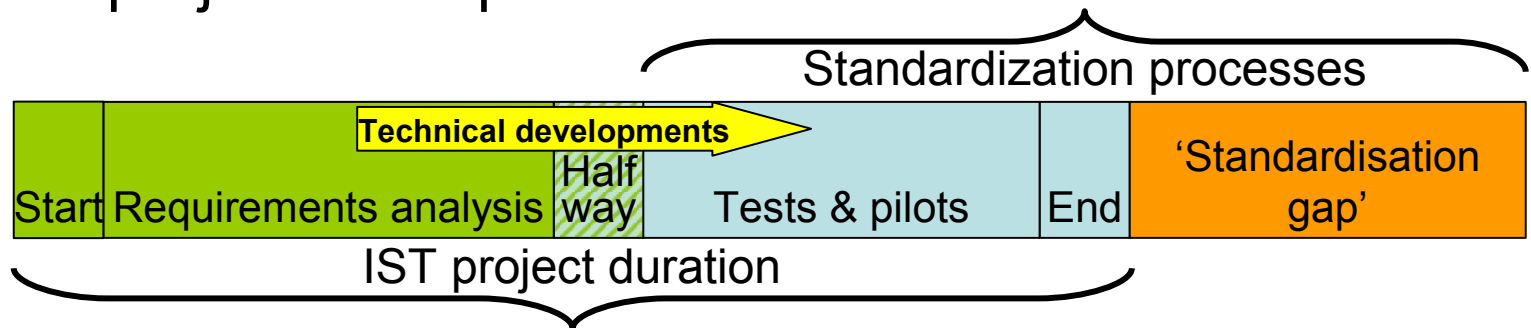Bart Brusse, COPRAS Project Manager

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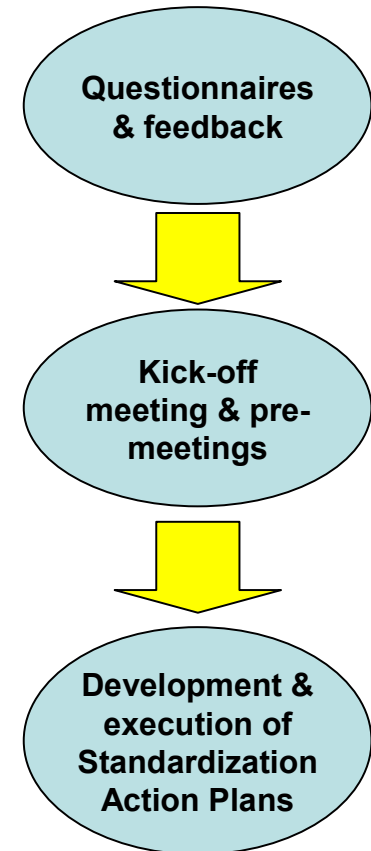
# Goal: development Standardization Action Plans with selected projects… .

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.)
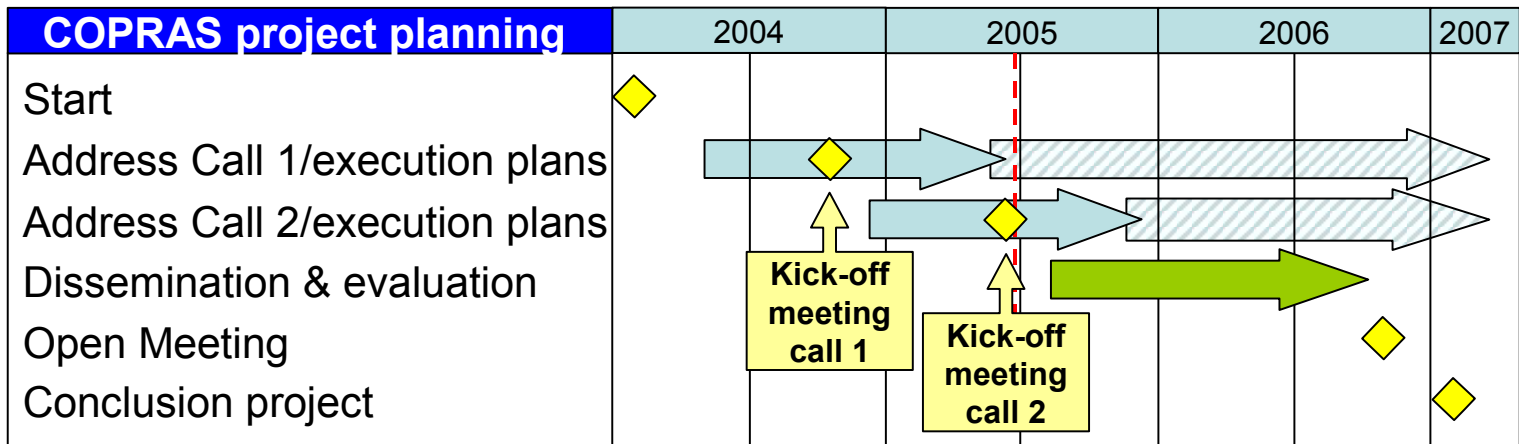4. Shorten 'standardization gap' at the end of projects' lifespan:

Standardization processes

| Start | Requirements analysis | Half way | Tests & pilots | End | 'Standardisation gap' |

Technical developments

IST project duration

# …..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

**Questionnaires & feedback**

**Kick-off meeting & pre-meetings**

**Development & execution of Standardization Action Plans**

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

| COPRAS project planning | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|
| Start | | | | |
| Address Call 1/execution plans | | | | |
| Address Call 2/execution plans | | | | |
| Dissemination & evaluation | | | | |
| Open Meeting | | | | |
| Conclusion project | | | | |

Kick-off meeting call 1

Kick-off meeting call 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

# Of the 13 eBusiness related projects, 4 were invited to a kick-off meeting


COPRAS
Cooperation Platform for
Research & Standards

| Project | Description | Feed-back | Invi-ted |
|---------|-------------|-----------|----------|
| ATHENA | Advanced Technologies for Interoperability of Heterogeneous Enterprise Networks and their Applications | Yes | No |
| CROSSWORK | Cross-Organizational Workflow Formation and Enactment | Yes | No |
| DBE | Digital Business Ecosystem | Yes | Yes |
| FLOSSPOLS | Free/Libre/Open Source Software - Policy Support | Yes | No |
| INTEROP | Interoperability Research for Networked Enterprises Applications and Software | No | No |
| MYTREASURY | The European Treasury Platform | No | No |
| NO-REST | Networked Organizations - Research into Standards | Yes | No |
| SAFIR | Speech Automatic Friendly Interface Research | No | No |
| SATINE | Semantic-based Interoperability Infrastructure for Integrating Web Service Platforms to Peer-to-Peer Networks | Yes | Yes |
| SPIDER-WIN | Supply Information Dynamic Exchange and Control by Web-based Interacting Network | Yes | Yes |
| TrustCom | Trust and contract management framework for collaborative business processes | No | Yes |
| VE-FORUM | Modular Versatile Mobility Enhancement Technology | Yes | No |
| XBRL in Europe | Speeding up the development and adoption of XBRL in Europe | No | No |

# …and 3 actually participated and discussed their standardization goals

| Project | Standardization objectives |
|---|---|
| DBE | • Usage of and contributions to existing W3C technology such as Web Services and RDF, and deployment of P2P network technology<br>• Meta-data ontologies and business modeling languages for describing business services, technology services & relationships between them<br>• High levels of business software interoperability within a run-time environment |
| SATINE | • Distributed Web Services and semantic web architecture replacing the present centralized airline/travel industry system<br>• Contributions envisaged to a CEN/ISSS Workshop focusing on eBusiness in the tourism sector, as well as to OASIS<br>• Possible contributions to W3C |
| TrustCom | Interoperability profiles covering:<br>• Model driven security<br>• Collaborative business processes<br>• Policies and Security<br>• Contracts and service level agreements<br>• Trust PMI and PKI<br>• Web and Grid Technologies<br>• Semantic technologies |

# But a Standards Action Plan was only concluded with the SATINE project

## Standardization objectives

- Specifications for a wide range of end-users in the travel and tourism sectors
- Contributions to ebXML standardization processes
- Use European standards environment for defining the overall interoperability platform

## Activities & follow-up

- Contributions made to
  - OASIS ebXML Registry Semantic Content Management Subcommittee
  - Open Travel Alliance
- Follow up in CEN
  - Discussion in CEN/ISSS eBIF
  - Discussion integration with proposed CEN/ISSS eTourism Workshop
  - Workshop Business plan (09/2005)
  - Finalization CWA (07/2006)

# Some standardization issues addressed by other projects

- CROSSWORK
  - Representations and ontologies in the area of e-business standards and software agents
  - Definition of a semantically enriched specification for Web Services and Service contracts
  - Semantically sound translation between different workflow representation standards and partner-specific ontology models

- SPIDER-WIN
  - Definition of data necessary to exchange along supply chains, especially involving SME in the production sector

- FLOSSPOLS
  - Report on attitudes towards and awareness of open standards within public administrations in the EU

# General issues raised in kick-off meetings with call 1 & 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

# ..indicate 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

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

# Questions?

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