



Overview of COPRAS' objectives;  
possibilities for cooperation between  
eInclusion projects and standards bodies

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THE *Open* GROUP



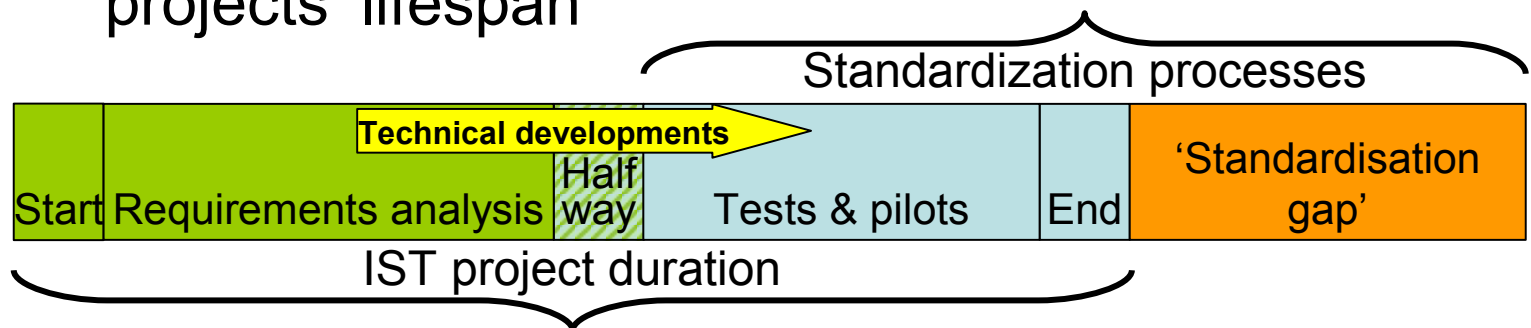
# Set up by 5 European standards organisations, backed by the ICTSB



- 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

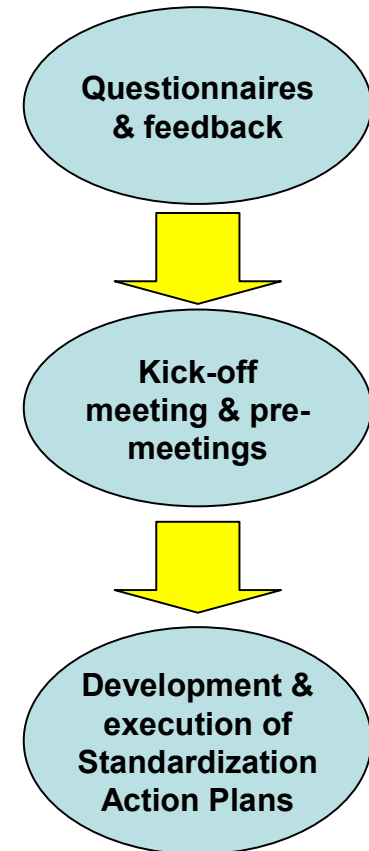
# Goal: development Standardization Action Plans with selected projects...

- Identify cooperation possibilities between projects
- Broaden exposure of projects' relevant output among standards bodies & industry consortia
- Actively support further dissemination of projects' standardization deliverables & results
- Address possible complications (e.g. IPR, confidentiality, organization membership, etc.)
- Shorten 'standardization gap' at the end of projects' lifespan

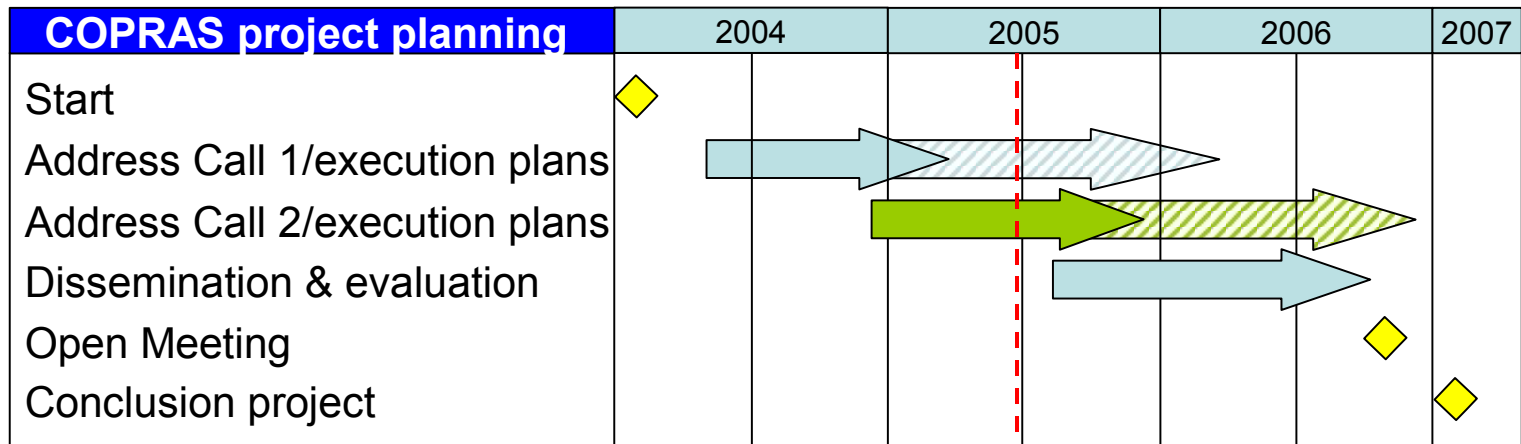


# .....by mapping information gathered with ongoing standardization effort

- 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



# COPRAS time plan and activities towards eInclusion projects



- eInclusion 1 out of 10 targeted Strategic Objectives in call 2
- 13 projects addressed through questionnaire
- 9 responses received
- 4 projects invited for closer cooperation (e.g. development of Standardization Action Plans)

# Out of 13 eInclusion projects, 4 were invited for closer cooperation

Project	Description	Feed-back	Invited
AAL	Ambient Assisted Living	Yes	No
ASK-IT	Ambient Intelligence System of Agents for Knowledge-based and Integrated Services for Mobility Impaired users	Yes	Yes
BenToWeb	Benchmarking Tools for the Web	No	No
COGAIN	Communication by Gaze Interaction	Yes	No
CWST	Conferences, Workshops, Seminars and Tutorials to Support e-Inclusion	No	No
EIAO	European Internet Accessibility Observatory	Yes	Yes
ENABLED	Enhanced Network Accessibility for the Blind and Visually Impaired	Yes	No
EUAIN	EUropean Accessible Information Network	No	No
HEARCOM	Hearing in the Communication Society	Yes	No
MAPPED	Mobilisation and Accessibility Planning for People with Disabilities	Yes	Yes
Micole	Multimodal collaboration environment for inclusion of visually impaired children	Yes	No
Movement	Modular Versatile Mobility Enhancement Technology	No	No
Support-EAM	Supporting the creation of an e-Accessibility Mark	Yes	Yes

# ASK-IT: create ambient intelligence in semantic web enabled services

## Standardization objectives

- Usability standards and inclusive design guidelines (e.g. accessibility)
- Telecommunication standards (handset design, icons, etc.)
- Electrotechnical standards (e.g. assistive and domotic equipment)
- Software and interoperability standards (e.g. intelligent agents)

## Activities & follow-up

- Working with CEN TC224 WG6
- Possible extension to other standards bodies
- Deliverables planned:
  - Compendium of relevant standards (04/2006)
  - Policy and standards recommendations (09/2008)
- Further cooperation possibilities may exist
- Feedback from the DATSCG is appreciated

# EIAO: evaluation use & effectiveness of standards for accessibility

## Standardization

- **General objectives**
  - Evaluate use of standards and their contribution to improving accessibility
- **Specific:**
  - Plug-in interface for an accessibility robot
  - Evaluate & standardize interface between crawler and plug-in
- **Deliverables:**
  - Prototype web accessibility observatory
  - Unified web evaluation technology

## Activities & follow-up

- Issues possibly addressed through W3C
  - Developing a plug-in interface for an accessibility robot
  - developing a methodology for using WCAG
  - participating in the development of EARL
- Clear perspective on standardization issues
- Further cooperation will have to be put in place
- Feedback from the DATSCG is appreciated



# EUAIN: define common objectives for providing accessible information

## Standardization

### objectives

- Bring together relevant players
- Guidelines on integrating accessibility components
- Raise awareness & stimulate adoption of emerging formats and standards
- Avoid protection measures impede legitimate access to information by people with print impairments.

## Activities & follow-up

- Business plan CEN/ISSS Workshop on Document Processing for Accessibility
  - build on outcome from the previous CEN Design for All Workshop
  - create a CWA
  - create awareness on Accessible Document Processing
  - provide a forum for projects to present their work, improving their interfacing with standardization

# Support-EAM: quality control certification for web site accessibility

## Standardization

- Definition 'Unified Web Evaluation Methodology' for assessing accessibility of web sites

## Activities & follow-up

- CEN/ISSS Workshop aiming to specify a 'Web Accessibility Quality Mark'
  - Specification of authority on web accessibility certification
  - Specifications organization & process requirements for issuing quality mark
  - Good practice specifications for organizations issuing the quality mark
- Target: 03/2006 for approval CWA

# Standardization issues addressed by projects not selected by COPRAS

- **COGAIN**
  - Standards for a common format for eye tracking data
  - Protocol & API for eye tracking interfacing & interface control
  - Standards for plug & play compatibility of eye trackers and interfaces/systems
- **HEARCOM**
  - Standard tests for hearing loss for different European languages
  - Bi-directional wireless audio-information for hearing aids
  - Internet sound system for audio-logical screening tests and rehabilitation methods
  - Specific needs for speech codecs in transmission system
- **MAPPED**
  - Public transport accessibility
- **MICOLE**
  - User requirements and design recommendations for multimodal interaction with computers of blind users

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

- Could generic guidelines 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 ensure you're able to complete your work with standards bodies

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

# 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
- Translation of document version into interactive platform (portal)
- 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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