



→ Themes for potential development through standardization under the cooperation programme of FP7

- Information Technology

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Standardization research and innovation
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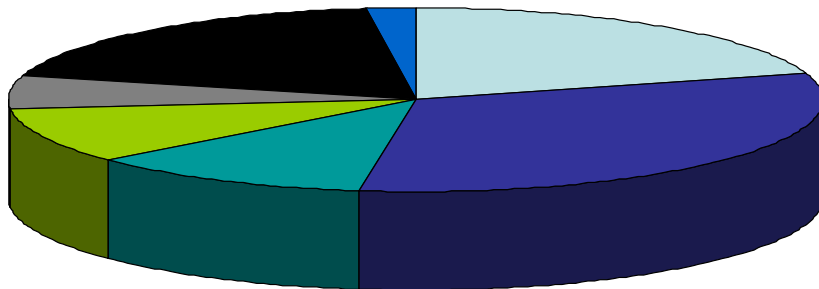


→ ICT in FP6 and FP7

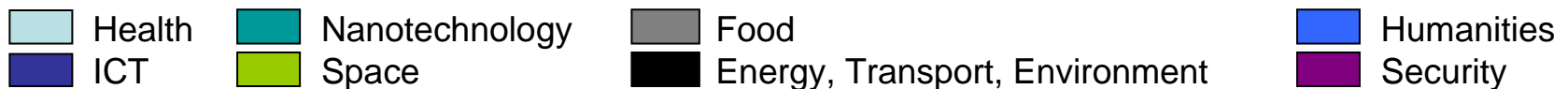
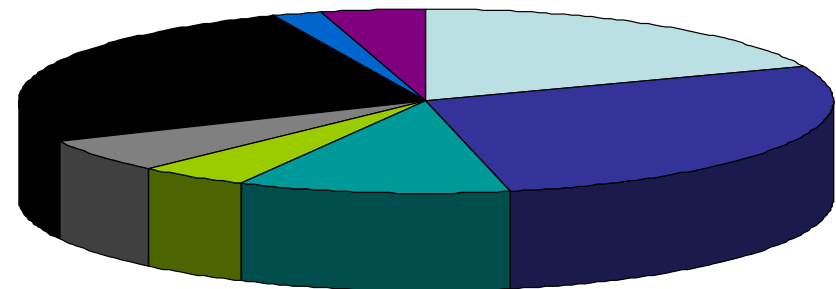
- Largest 'Thematic Priority'
- Considerable budget increase in FP7

Budget distribution in FP6 and FP7*

FP6: € 12.438 Million*



FP7: € 32.388 Million*

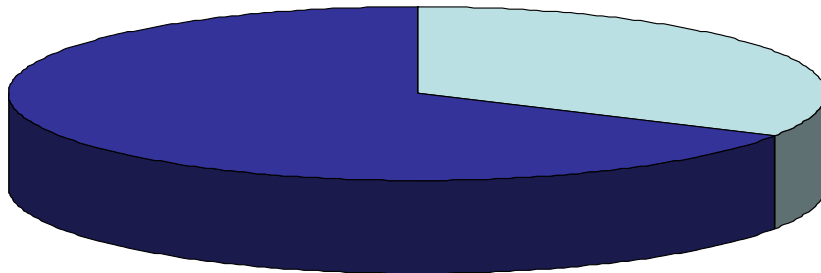


*Source: European Commission

→ ICT research & standardization

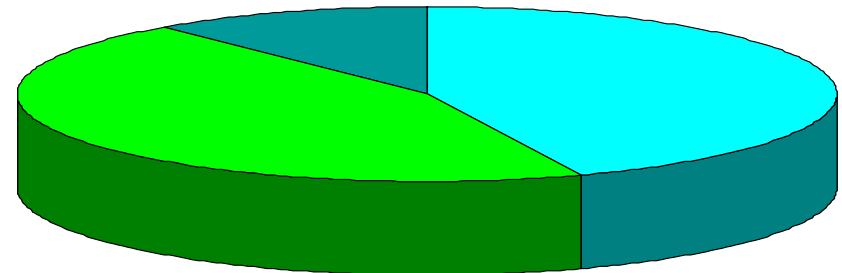
Projects' activities towards standards contributions

All research areas*



- Research projects that engage in standards activity
- Research projects that do not engage in standards activity

IST**



- Research projects that will definitely contribute to standardization
- Research project that may contribute to standardization
- Research projects that will definitely not contribute to standardization

*Based on surveys of the INTEREST project in FP5

**Based on surveys of the COPRAS project in FP6, Calls 4 & 5

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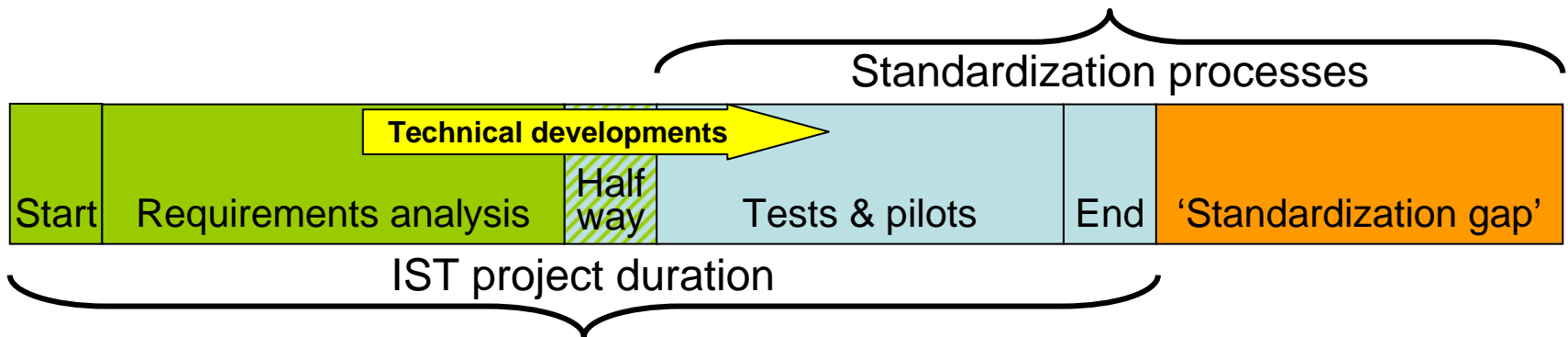


→ COPRAS (Cooperation platform for research &



→ Addressing the 'standardization gap'

- Identify standards related output & focus project's standards related activities
- Arrange broader exposure of projects' objectives among standards organizations
- Start constituency building early



→ Results achieved by COPRAS

Calls 1 & 2 (start 2004)

- 271 projects addressed
- 147 responses (54,24%)
- >40 projects supported

Results

- Contributions to standards in many ICT areas
- Standardization Guidelines

Calls 4 & 5 (start 2006)

- Guidelines distributed & input invited from projects
- Feedback from >140 projects

Results

- Improved & interactive Standardization Guidelines
- Recommendations for FP7

Projects contributed to CEN, ETSI, IMS, HGI, ISO, W3C, IETF, DSL Forum, etc., and more is expected

→ Standards bodies & research

- Most areas in ICT standardization are also addressed by research projects
- Some standards organizations found that >100 projects addressed working areas they covered as well

Standards organization	# main areas addressed by the organization	# of those covered by ICT research projects	%
CEN/ISSS	13	10	76,9
CENELEC	10	5	50,0
ETSI	21	14	66,7
ATM Forum	7	4	50,0
DVB	16	8	50,0
Ecma	9	2	22,2
ERTICO	1	1	100,0
OASIS	19	19	100,0
OMG	7	7	100,0
RosettaNET	7	7	100,0
W3C	9	9	100,0

Based on research from the COPRAS project in summer 2005

→ Main conclusions

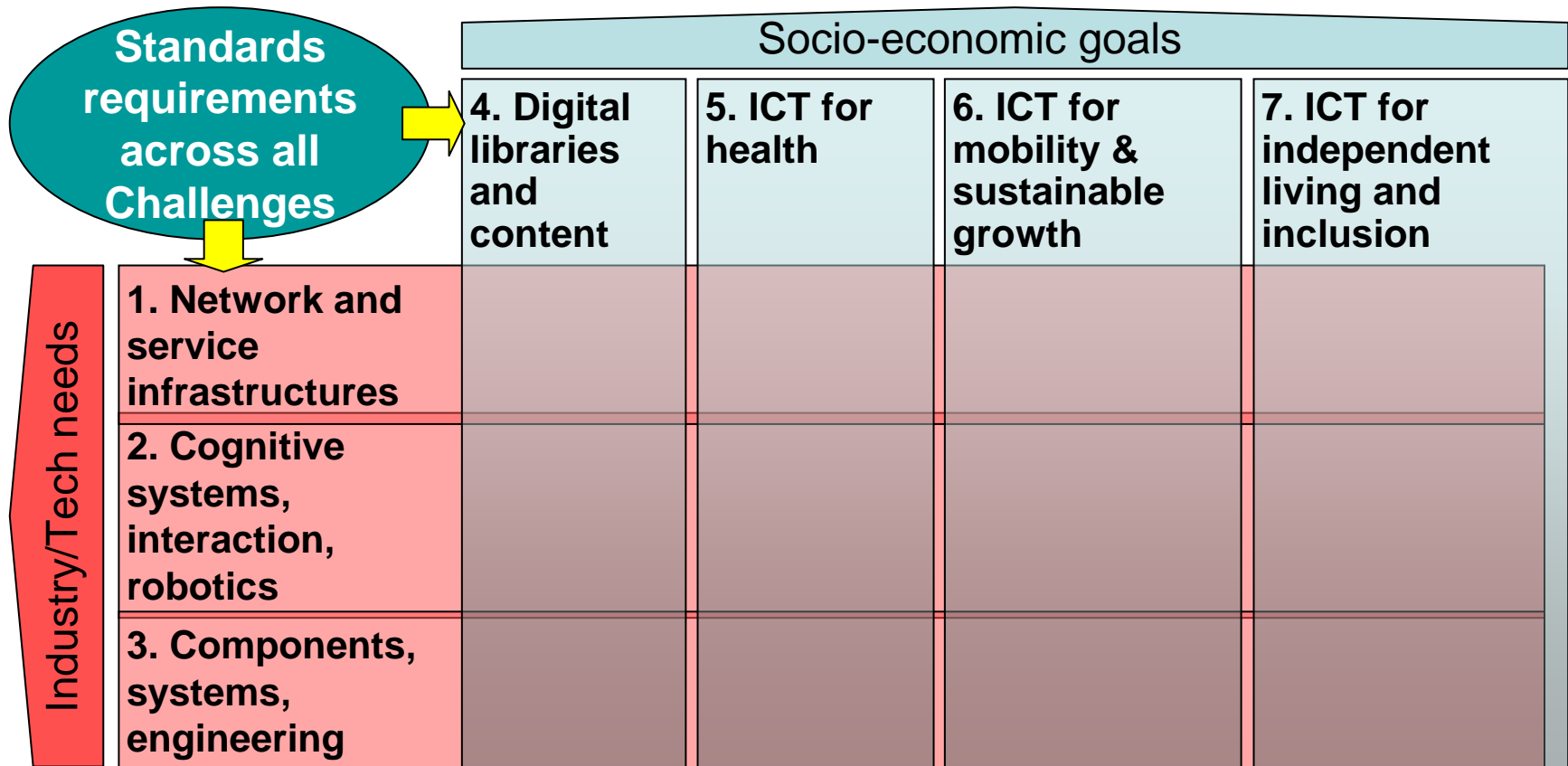
- In ICT, research is specifically important to standardization activity
- Almost all main ICT standardization areas are also addressed by projects
- Research/standards interfacing still encounters a lot of barriers, for which reason cross-fertilization is hampering
 - Difficult for projects to find & contact standards organizations
 - Project structure does not always match rules & working practice in standardization
 - Lack of time and resources among projects remains an issue
 - Etc.

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→ Research & standards in FP7



Source: European Commission

Conclusions for FP7

- Research/standards interfacing requirement will be more significant
 - More output coming from projects
 - More standards areas addressed
- Active attitude from standards organizations more necessary
- Additional supporting projects & facilities in programme are required
- Few possibilities for generic horizontal standardization support actions
 - Standardization in FP7 taking more detailed focuses
 - International cooperation & uptake European standards main themes

How can things be taken further

- COPRAS created a basis for structured standardization support for ICT projects
- Generic Guidelines platform has to be combined with proactive steps
 - Identify projects that may generate input and help them structuring their standards work
 - Address barriers for working with standards bodies and for finding the 'right' organization
 - Support projects by initiating dedicated standards activities where none exist

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What is currently being done

→ Keep the momentum

- ICTSB is encouraging the EU to increase options for “horizontal” actions in FP7

→ Maintenance Generic Guidelines platform

- Currently done through CEN
- Additional proposals for discussion with DG Enterprise and DG Information Society

→ Possibilities to extend COPRAS approach

- Environmental or biotechnology projects?

What should be done in addition

- Systematic approach towards research/standards interfacing required from the Commission
 - Address typical standardization issues with specific measures in Framework Programmes
 - Facilitate support from standards bodies
- Structural approach towards maintenance and improvement of the COPRAS Generic Guidelines document & platform required
 - Generic helpdesk function for ICT projects
 - Close involvement ICTSB in maintenance



→ Tank you for your attention

→ Questions

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CENELEC



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