



INFORMATION TECHNOLOGY FOR EUROPEAN ADVANCEMENT

News from the field

Technical State-of-the-Union address
ITEA 2 Symposium 2006, Gérard Roucairol - Vice-Chairman ITEA 2

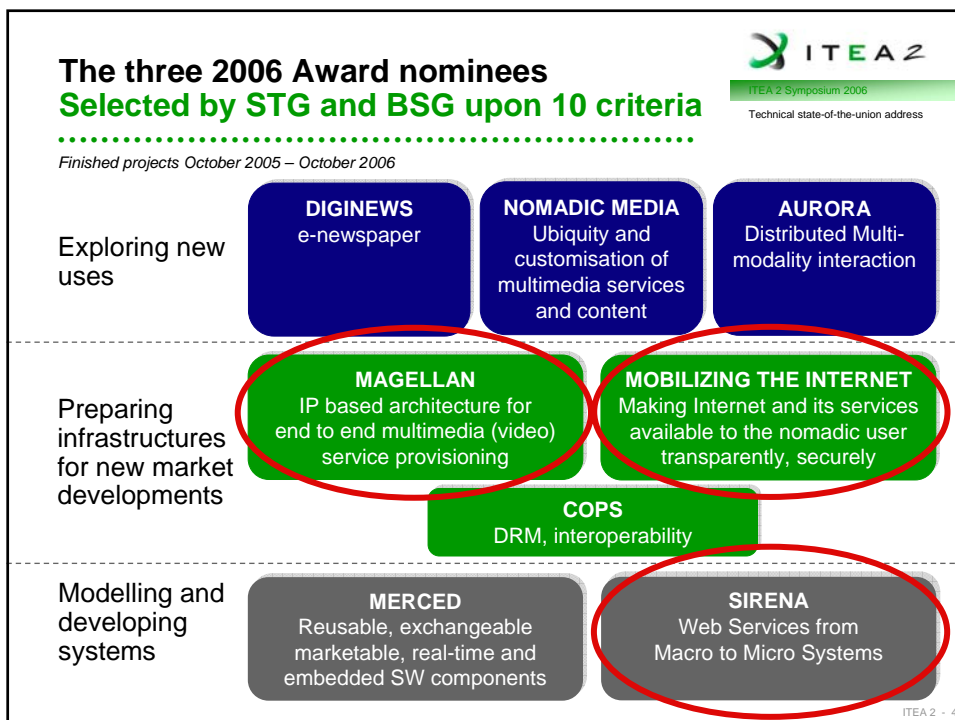
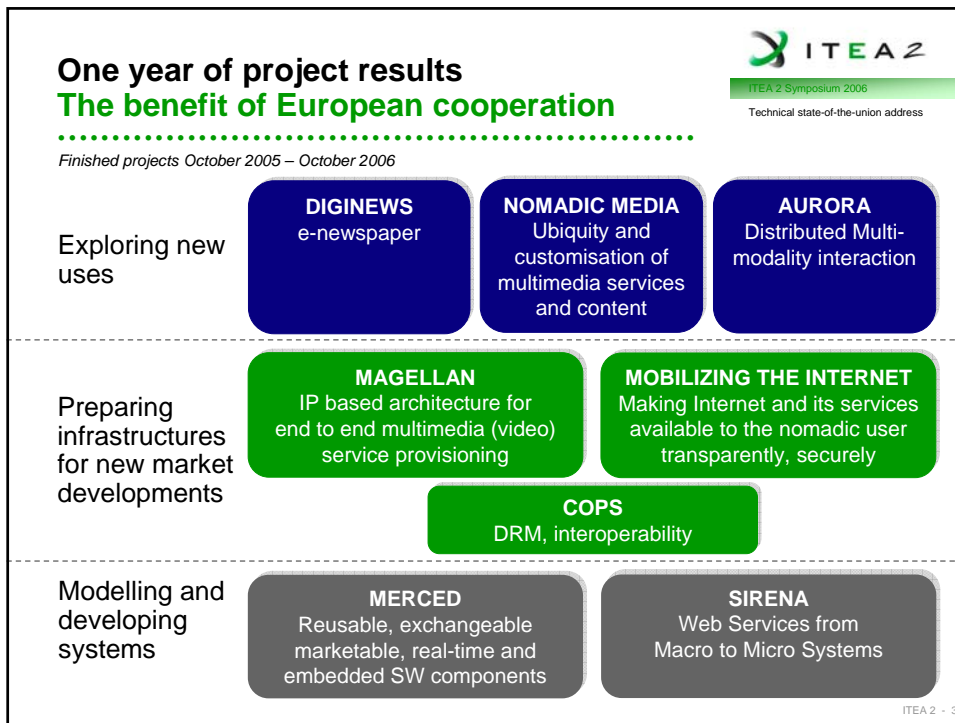


Contents

- One year of project results
- The 3 project candidates for the 2006 ITEA Award
- The 'Innovation Report' initiative
- Overview of the effort spent in ITEA
- Strengthening the European tool vendor Industry
- Analysis of the first Call for Projects in ITEA 2
- A key challenge for 2007/2008: the ITEA 2 Roadmap



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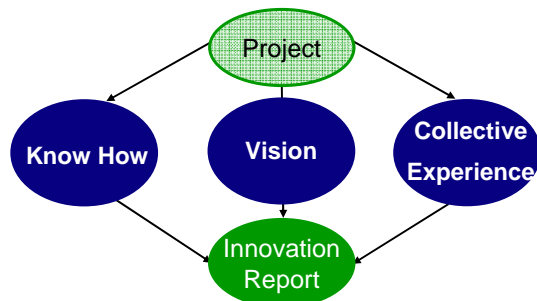


The 'Innovation Report' initiative Publicising the 'best kept secrets'



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Unique and exceptional material

Innovation Reports intend to share with professionals at large:

- main achievements of a project
- technical, scientific, industrial and business impact on a domain, related vision of the future

They are reviewed by the Steering Group and published on the ITEA 2 website

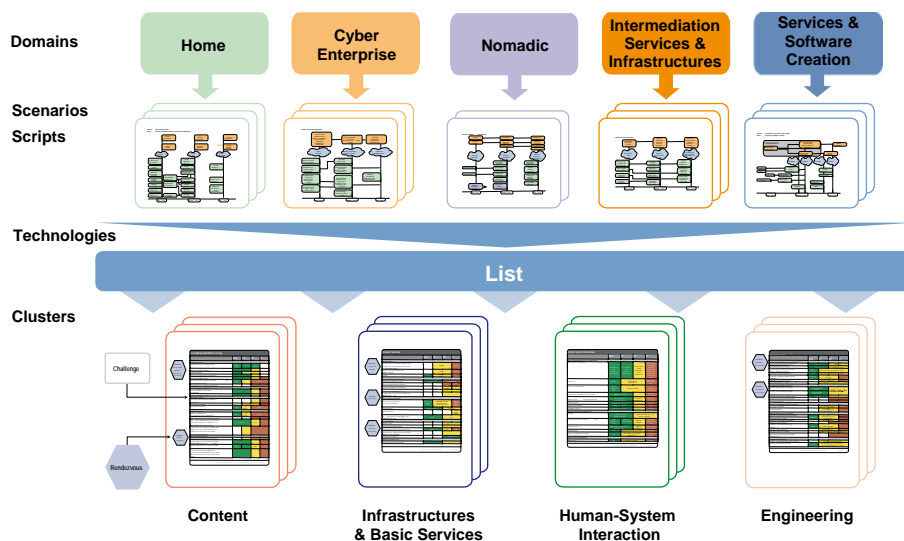
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Executing the roadmap

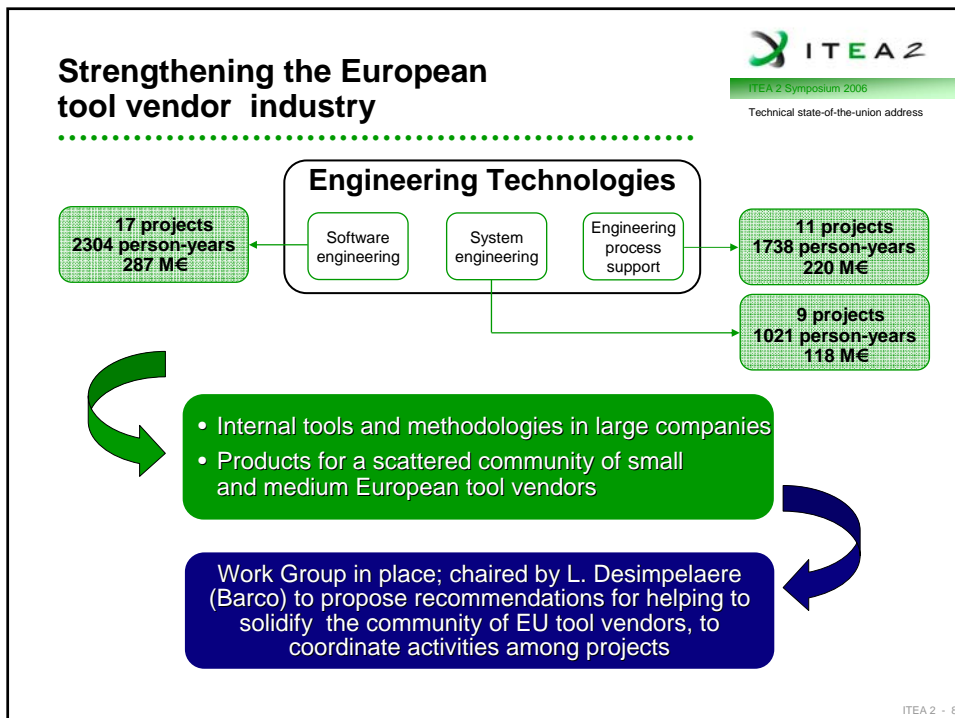
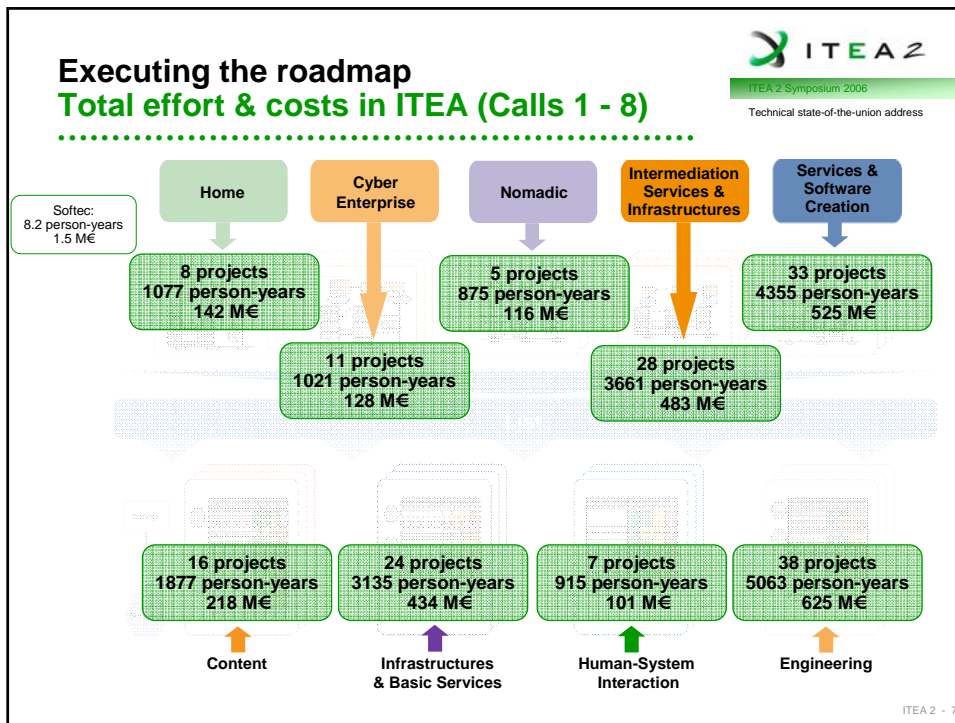


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First Call for Projects in ITEA 2

A significant success



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- 46 Project Outlines submitted
- More than 300 different organisations, of which 190 new
- The proportion in partner types has not changed compared to other Calls
- 5,996 persons-year submitted
- 27 countries; ITAC countries (A, B, D, E, F, Fin, I, NL, S, UK) representing 95% of the effort
- After analysis, 30 projects were invited for the FPP phase, representing 4,640 person-years.
- 23 Full Project Proposals received

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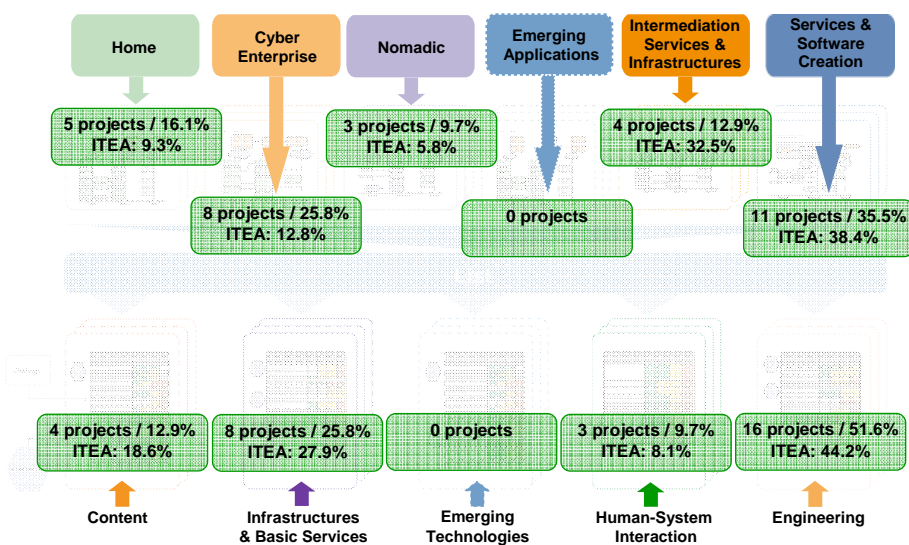
Projects positioning – ITEA 2 Call 1

Selected POs vs current ITEA portfolio



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(The ITEA project Softec is not included: 1.2%) ITEA 2 - 10

First Call for Projects in ITEA 2 Schedule



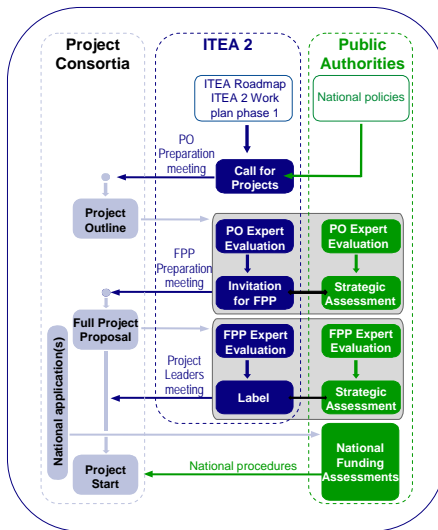
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- 2 February 2006 Call open
- 2-3 February 2006 Project Outline (PO) preparation meeting

- 7 April 2006 **Deadline submission POs**
- 4 May 2006 Accepted POs to PAs
- 8 June 2006 ITAC-BSG meeting
- 14 June 2006 Announcement evaluation results to projects

- 22 June 2006 Full Project Proposal (FPP) preparation meeting
- 29 September 2006 **Deadline submission FPPs**
- 3 October 2006 FPPs to PAs
- 7 November 2006 ITAC-BSG meeting
- 16 November 2006 Board meeting/label decision
- 17 November 2006 Announcement of labelling results to projects
- **January 2006 National Application forms submitted**
- Late 2006/early 2007 Project start



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A key challenge for 2007/2008: The ITEA 2 Technology Roadmap



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A new technological and industrial landscape is emerging. Examples:

- Moore's Law:**
- Performance increase provided by **increasing parallelism**
 - From **multicore** chips to **Tera/Peta** architectures (HPC, Web search, ...)
- Internet:**
- Extended role and support of **convergence**
 - From VoIP, IPTV to **Machine-to-Machine** communication (cooperation between Telcos and embedded system suppliers?)
- Web:**
- From a collection of sites to an applicative platform: **Web 2.0**
 - Commoditised broadband access may lead to **centralised global mainframes**
- Software Industry**
- Emergence of **Independent 'Embedded Software' Vendors?**

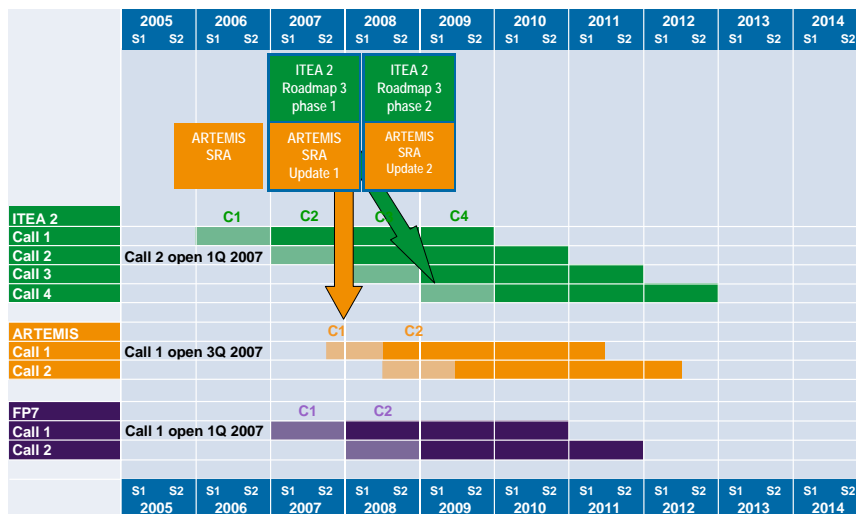
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The ITEA 2 Technology Roadmap Planning (proposal)



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Field animation: the exceptional role of the 'Steering Group'



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Selecting projects, organising reviews, preparing various reports,
participating to the construction of the ITEA vision

*the exceptional task of a talented and dedicated team
with the support of the programme coordinators*

Airbus:	Marie-Line Valentin	Philips:	Ronald Begeer
Alcatel:	Jos van Sas	Robert Bosch:	Karlheinz Topp
Barco:	Patrick Vandenberghe	Siemens:	Rainer Glaschick
Bull:	Medur Sridharan	Telvent:	Jesús Bermejo Munoz
DaimlerChrysler:	Harbhajan Singh	Thales:	Virginie Watine
Italtel:	Moreno Sioli	Thomson:	Gérard Rilly
Nokia:	Colin Willcock	Eur.Fed. High Tech SMEs	Daniel Pilaud

Programme coordinators: **Antoine Pery** and **Erik Rodenbach**

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Thank you *for your attention*



European leadership in Software-intensive Systems and Services. The Future of Embedded and Distributed Software.