

ITEA and Emerging Trends

Our role in software-intensive systems

State of the Union

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5th ITEA Symposium
October 7, 2004, Seville, Spain

Paul M. Mehring



ITEA

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- The year in review: a very successful and busy year
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Vision

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Europe to become a leader in software-intensive systems on embedded and distributed platforms



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Strategy

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- Change the battleground to software in products (embedded and distributed systems) building on key European strengths and industries
- Mount an industry-driven strategic pre-competitive R&D initiative for a sustained build-up of European software capabilities
- Maximize and leverage integration of SMEs and Academia / Research institutes

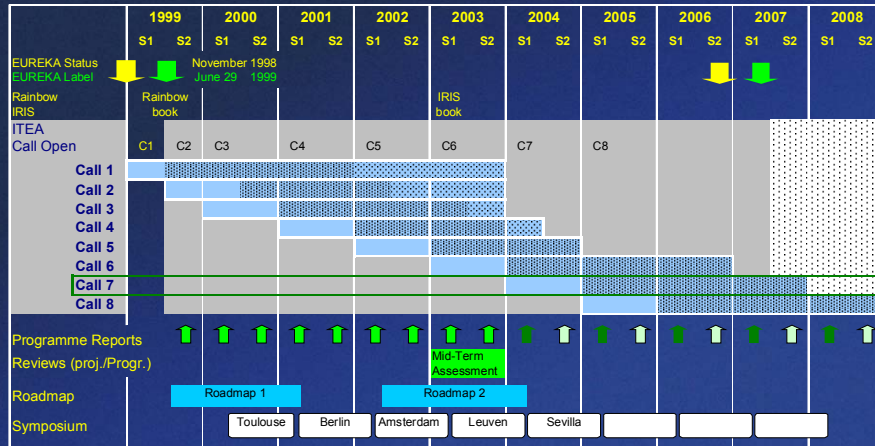
... best available instrument: EUREKA Framework

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Global view of the programme



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The year in review

A very successful and busy year

- Successful closure of ITEA Mid Term Assessment
- Release of the 2nd EDITION of the ITEA Technology Roadmap
- Release of the ITEA Report on “Open Source Software”
- Strengthening ITEA - EUREKA relationship
- Launch of Call 7 – our most successful Call
- Update of the Project Evaluation Process with Public Authorities now fully in the loop

... but: our success also our weakness

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ITEA Mid Term Assessment Framework and objectives

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Commissioned by the Public Authorities and executed by an external party (IDATE/ TNO), starting April 2003 and concluding March 2004.

Objectives: ... from the Terms of Reference, September 2002

- to benchmark the current status of the ITEA programme relative to its own objectives and current state and trends of the industry and related technologies,
- to give recommendations for the future direction of the programme

ITEA Mid Term Assessment A very successful result

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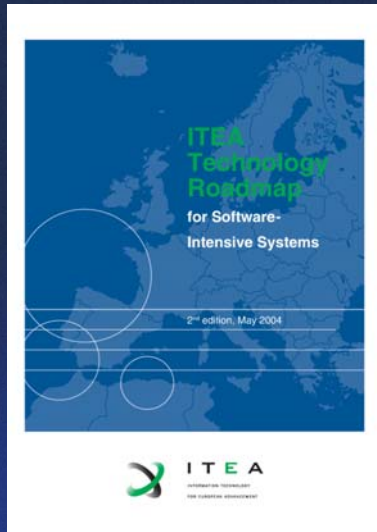


Overall conclusion

“... ITEA should **continue in its present form**. The ITEA programme is **achieving many of its objectives** and the programme is perceived by participants as being **very efficient** and making a **significant contribution** to the competitiveness of European industry.”

+ number of recommendations

ITEA Technology Roadmap 2nd EDITION – another milestone



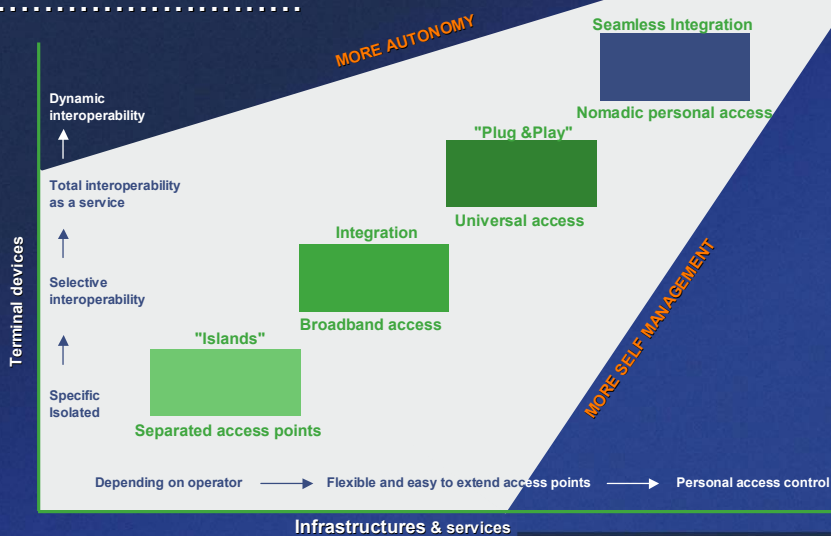
- Strategic two-year programme effort involving more than 70 internal and external experts
- Building on the 1st edition (2001): following its proven methodology
- Downloadable from our website www.itea-office.org

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ITEA Technology Roadmap Confirming our bet on “digital convergence”



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Open Source Software “Work in progress”



- Ever more important emerging trend, also for embedded systems
- OSS report is baseline document for OSS in the “embedded world”
- Definition of our role on programme level still in discussion
- On project level full programme support. An OSS project has won the ITEA Achievement Award 2002 (PEPITA)


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Strengthening the ITEA-EUREKA relationship

Présidence française



ICT in EUREKA portfolio

Ongoing projects June 2003

	Total amount of investment M€
Total EUREKA portfolio	5000
Of which	
- EUREKA ICT Projects	500
- 5 ICT Clusters	2900

ICT represents 70 % of the total EUREKA portfolio

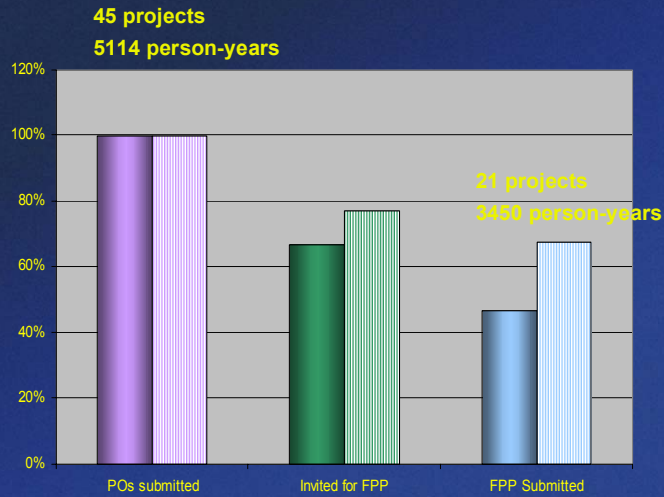
JP JACAMON - IST Milan - 3. oct. 2003

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ITEA Calls Call 7 – our most successful Call



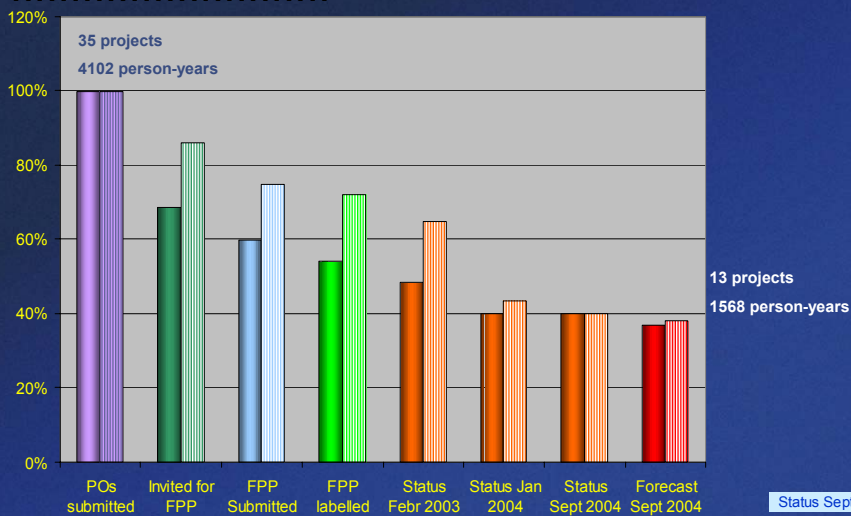
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... but: our success also our weakness Call 5 evolution



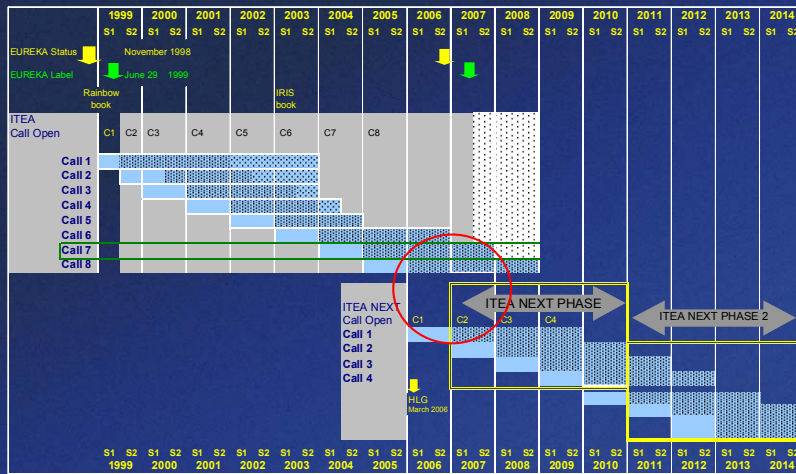
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Looking ahead Preparing for the next stage of ITEA

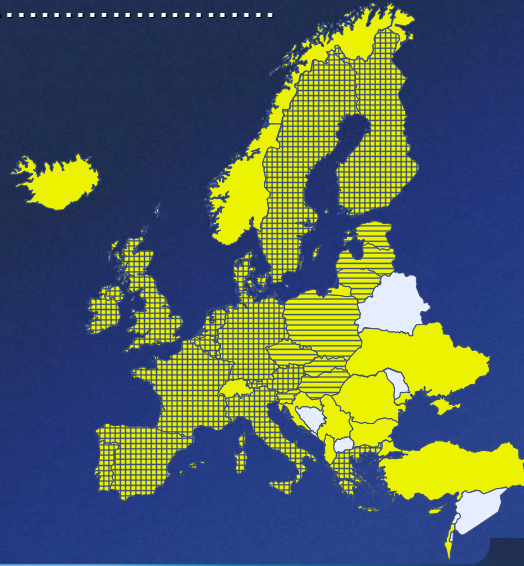


... and "emerging trends" will certainly play pivotal role in the definition

The political context Truly a sea-change

- EU-25 and new Commission
- Clear acknowledgement that both the Lisbon and Barcelona goals for the Union are in great danger and Europe is falling back
- Recognition that R&D is THE engine of future growth, employment, quality of life ("the magic societal benefits triple")
- Therefore:
 - DOUBLING of R&D budget for next FP proposed ("FP7")
 - REQUEST for efficient cooperation in ERA (Σ Min. Conf. & CC)
- European Technology Platforms key new "FP instrument" to address industrial competitiveness.

EUREKA Network vs EU-15 / EU-25



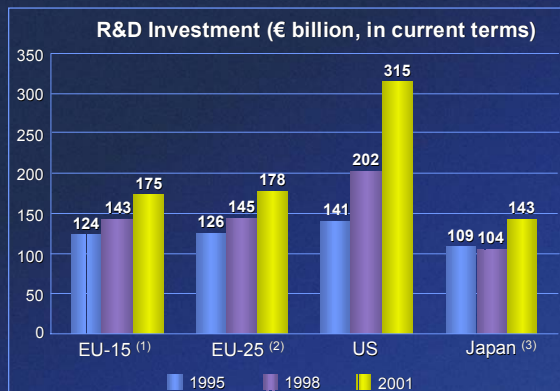
- EUREKA framework
- EU-15
- EU-25

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Europe falling back The gap in R&D investment level



Population (yr: 2002 / Mio)

EU-15	377
EU-25	451
US	287
Japan	127

Source: DG Research, Key Figures 2003-2004

Data: OECD, Eurostat

Notes: ⁽¹⁾ EU-15: 1998, 2001: data estimated by DG Research

⁽²⁾ EU-25 values were estimated by DG Research

⁽³⁾ Japan: 1995: data adjusted by OECD

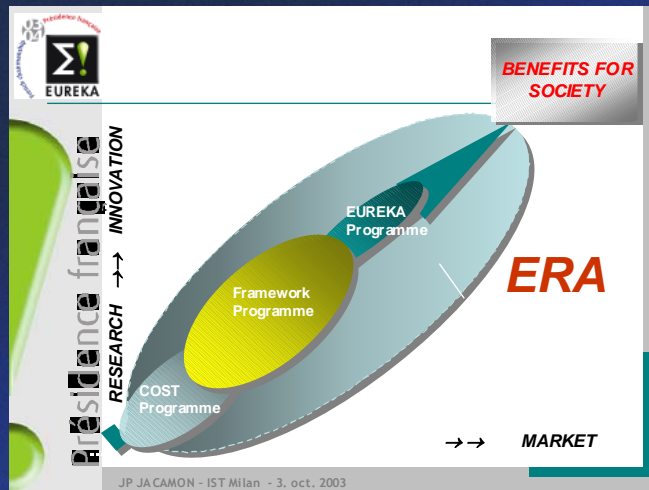
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EUREKA in ERA

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5th ITEA Symposium – Highlights ITEA and Emerging Trends

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- Format: adapted to Spanish timing; panel dropped
- Exciting keynote session
- Special focus session on: Roadmapping
- Full showcase including biggest exhibition so far
- Presentation of the ITEA Achievement Award 2004

*... and as always: ample room and opportunities for
interaction and learning from each other,
including the new Exhibitors Forum*

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Format

	Symposium	Exhibition	Focus Session	
Thursday 7 October	08:30	• Registration		
	09:00		Exhibitors Forum	
	10:30			
	13:00	• Lunch	Tour PAs	
	14:30	• Opening address • State of the Union • Technical State of the Union	Spanish Public Authority Paul Mehring Jean-Pierre Lacotte	
	16:30	• Project presentations • Programme statistics	KLIMT ADANETS EAST-EEA Kees van Mourik	
	18:00	• Press conference	Tour Press	
	20:00	• Closing day-programme		
	21:00	• Dinner • Presentation ITEA Achievement Award 2004		
	Friday 8 October	08:30	• Registration	
10:00		• Opening address • Convergence is happening • Trends in automotive electronics	Dr. Ad Huijser, Philips Electronics Dr. Rainer Kallenbach, Robert Bosch	
11:15			Tour KNS	
12:45		• Trusted infrastructure • Finnish strategies and approach for development of new ICT innovations	Dr. Gerard Roucairol, Bull Dr. Kari Tili, TEKES	
14:00-15:30		• Lunch		
15:30		• Closing ceremony		

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Thank you for your attention
Enjoy the Symposium

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