

European R&D in Information Society Technologies

SMIA 03

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Framework Programme 6 (2003-2007)

- **EC funding = seed money** for aggregating european R&D into a “European Research Area” (ERA)

- **Focus and integration**, by:
 - addressing fewer priorities
 - generating critical mass
 - improving socio-economical impact
 - promoting lasting and structuring of ERA



➤ **Lisbon council objective for 2010**

...to become the most competitive and dynamic knowledge-based economy in the world, capable of sustainable economic growth with more and better jobs and greater social cohesion

➤ *eEurope: the major political instrument to attain this objective, providing consolidation in Member States*

➤ **IST providing the key technologies**

for knowledge creation, sharing and exploitation



Integrating ERA

Genomics	2255 M€	
Information Society Technologies	3625 M€	~100M€ for GEANT/GRID
Nanotechnologies	1300 M€	
Aeronautics and space	1075 M€	
Food quality and safety	685 M€	
Sustainable development	2120 M€	
Citizens and governance	225 M€	
Anticipation of S&T needs		
Anticipating needs	555 M€	
SMEs	430 M€	
Specific INCO	315 M€	

Structuring ERA

Research and Innovation	290 M€	
Human resources	1580 M€	
Research Infrastructures	655 M€	~200M€ for GEANT/GRID
Science/Society	80 M€	

Strengthening ERA foundations

Joint Research Centre 760 M€

Total: 16270 M€



eEurope 2005 “An Information Society for All”

- **modern online public services:**
e-government, e-learning, e-health
- **a dynamic e-business environment:**
e-commerce, business process restructuring
- **widespread availability of broadband access at competitive prices:**
optical fibre access, mobile broadband, local loop competition
- **a secure information infrastructure:**
network security, cyber crime, data protection



➤ Bring the users, “people”, to the foreground, at the “centre of our attention”, and...

...build technologies for the background, almost invisible, which are trustful and embedded in every day objects

AMBIENT INTELLIGENCE (AmI)



- **Reinforce leadership where Europe is strong**, e.g.
 - mobile communications and services, broadband communications
 - micro-opto electronics & μ systems,
 - networked audiovisual systems,
 - Security and dependability,

- **Seize new opportunities that arise from the 'AmI' vision and address its critical weaknesses / threats**, e.g.
 - multimodal interfaces, semantic-based knowledge handling,
 - embedded systems, integration of sensing & actuating devices,
 - Knowledge and computing GRIDs



- **Continued support to leading / challenging applications, responding to emerging needs**, e.g.
 - eHealth, eInclusion, eLearning and culture
 - Entertainment and leisure content
 - business support tools, networked organisations

- **Support to research at the frontier of knowledge**

- **Support to infrastructure development**
 - Research networking test beds
 - Open development platforms
 - IST for safety in transport, risk management



IST Call1:

Published 17.12.2002, deadline 24.04.2003

Budget 1'070 Mio Euros

1396 proposals submitted

27% positively evaluated and ranked

**17% of proposals financed,
i.e. 236 projects (92 with CH participants)**

Sustainability in IST – FP5 examples



M3I - Market Managed Multiservice Internet. <http://www.m3i.org>

TRANS-3 - Multimodal TRAVel iNformation Service for trinational regional transport

MOSCA - Decision Support System For Door-to-door Delivery.
<http://www.idsia.ch/mosca/>

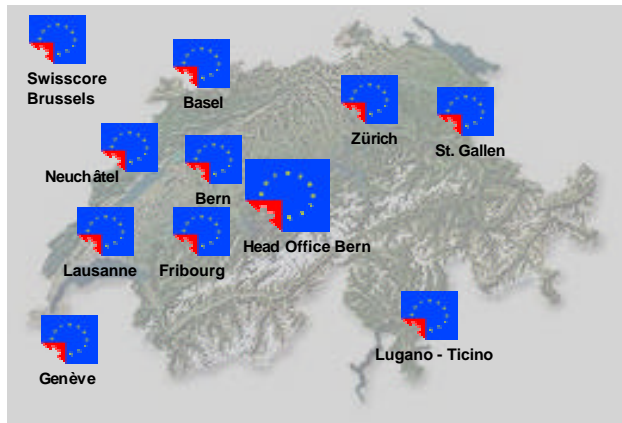


VIEW OF THE FUTURE

Virtual and Interactive Environments
for Workplaces of the Future

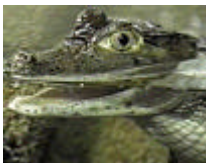
<http://www.view.iao.fhg.de/>

Euresearch: supporting FP6 in CH



DON'T MISS OUR BOOTH AT SMIA 03

Patrick Furrer, Euresearch, Sept. 2, 2003

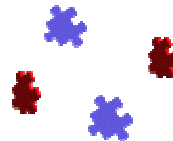


Euresearch CAIMAN



THE INFORMATION PLATFORM FOR
EUROPEAN R&D IN SWITZERLAND

Alert System: News Alerts
Events Alerts
Partnersearch Alerts
Calls Alerts



Events online registration

**Website as information source and dissemination
channel for your projects**

<http://www.euresearch.ch>

Patrick Furrer, Euresearch, Sept. 2, 2003

IDEALIST: Partnersearch



- 31 partners in 31 states
- Operational from 1996
- Supported 1070 projects in FP4 & FP5



<http://www.ideal-ist.net>

Patrick Furrer, Euresearch, Sept. 2, 2003

Further Information



FP6:

http://europa.eu.int/comm/research/fp6/index_en.html

<http://www.cordis.lu/rtd2002>

<http://www.euresearch.ch> (Alert Profiling)



IST:

Information Society

<http://www.cordis.lu/ist>

<http://www.euresearch.ch/fp6/ist.html>

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Patrick Furrer, Euresearch, Sept. 2, 2003