

# Welcome Swisslaser Net

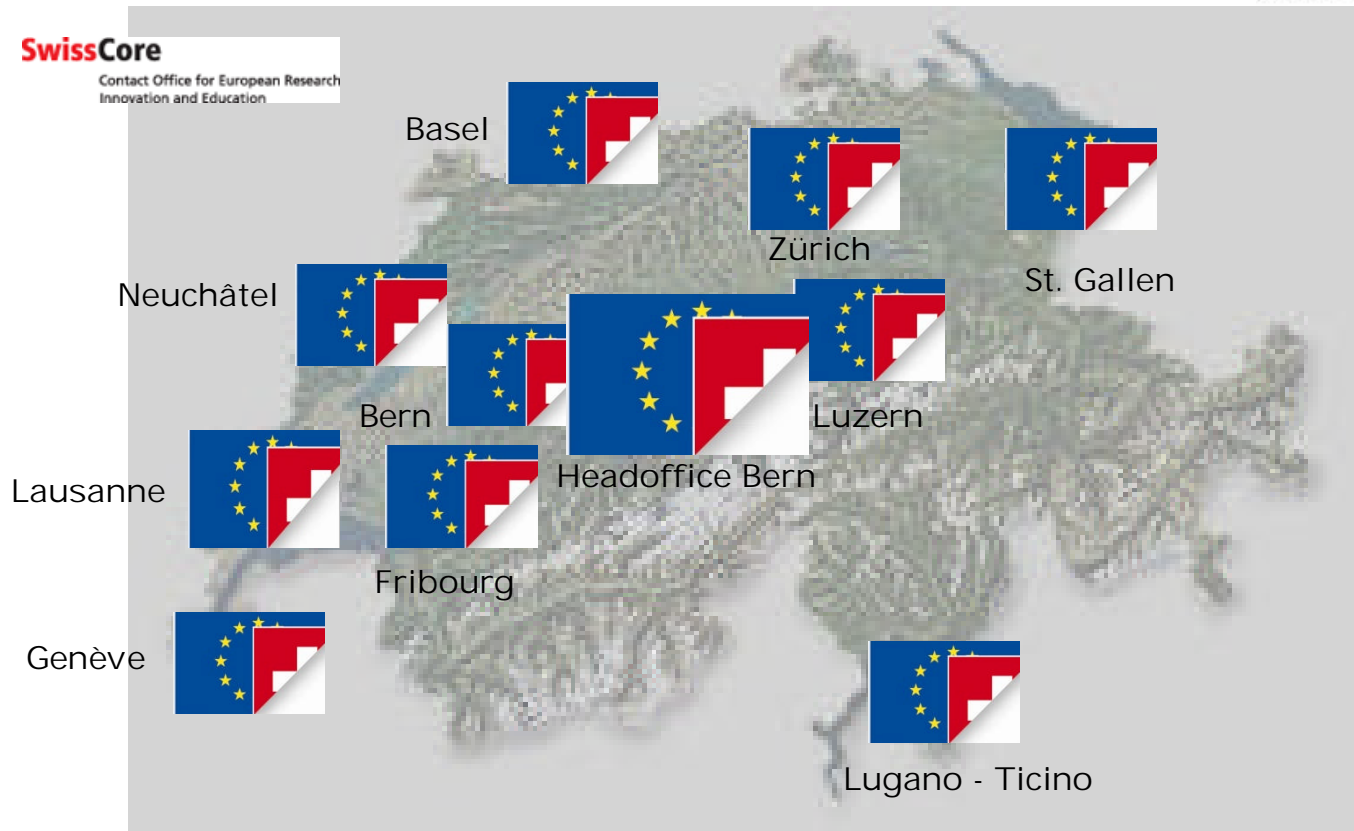


# Euresearch - The Network



*your Swiss guide to European research*

**SwissCore**  
Contact Office for European Research  
Innovation and Education



**Euresearch  
Regional Offices**  
Your first port  
of call locally

**Euresearch  
Head Office**  
Your National  
Contact Points

**SwissCore**  
Liaison office of SNSF  
& SER in Brussels,  
partner of Euresearch

# Euresearch

- § Private association, all Universities, ETH, EPFL, all AUS, Swissmem  
10 years anniversary
- § Board with Christiane Langenberger as president
- § Head Office in Bern (23 staff members)
- § 10 Regional Office at all Universities (mandates)
- § Mandates:
  - SBF mandate for European R&D programmes (FP7,...)
  - BBT mandate for the Enterprise Europe Network EEN
  - Liechtenstein mandate
  - Participation in many EU projects
- § Duty: Inform, advise and motivate on European R&D&I

# Euresearch services

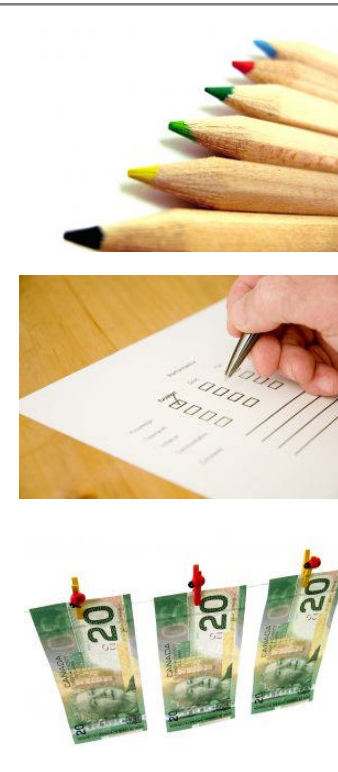
We are mandated by the Swiss government for FP7 support

Euresearch: We don't

§ ... write proposals

§ ... evaluate proposals

§ ... fund proposals



....but for support  
please register on [www.euresearch.ch](http://www.euresearch.ch)

# FP7 funding opportunities for Swisslaser



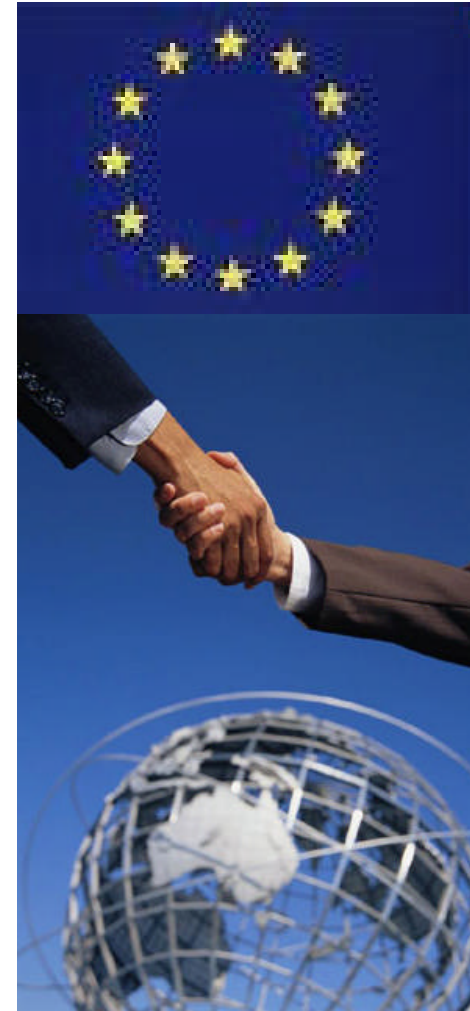
## FP7 funding opportunities

# Why European funding?

- § There is funding for industry
  - § There are more opportunities
  
- § Go international!
  - § Be innovative
  - § Develop new technologies
  - § Find new business partners
  - § Capture new markets

And:

- § Be future oriented
- § Accept deadlines
- § Accept bureaucracy





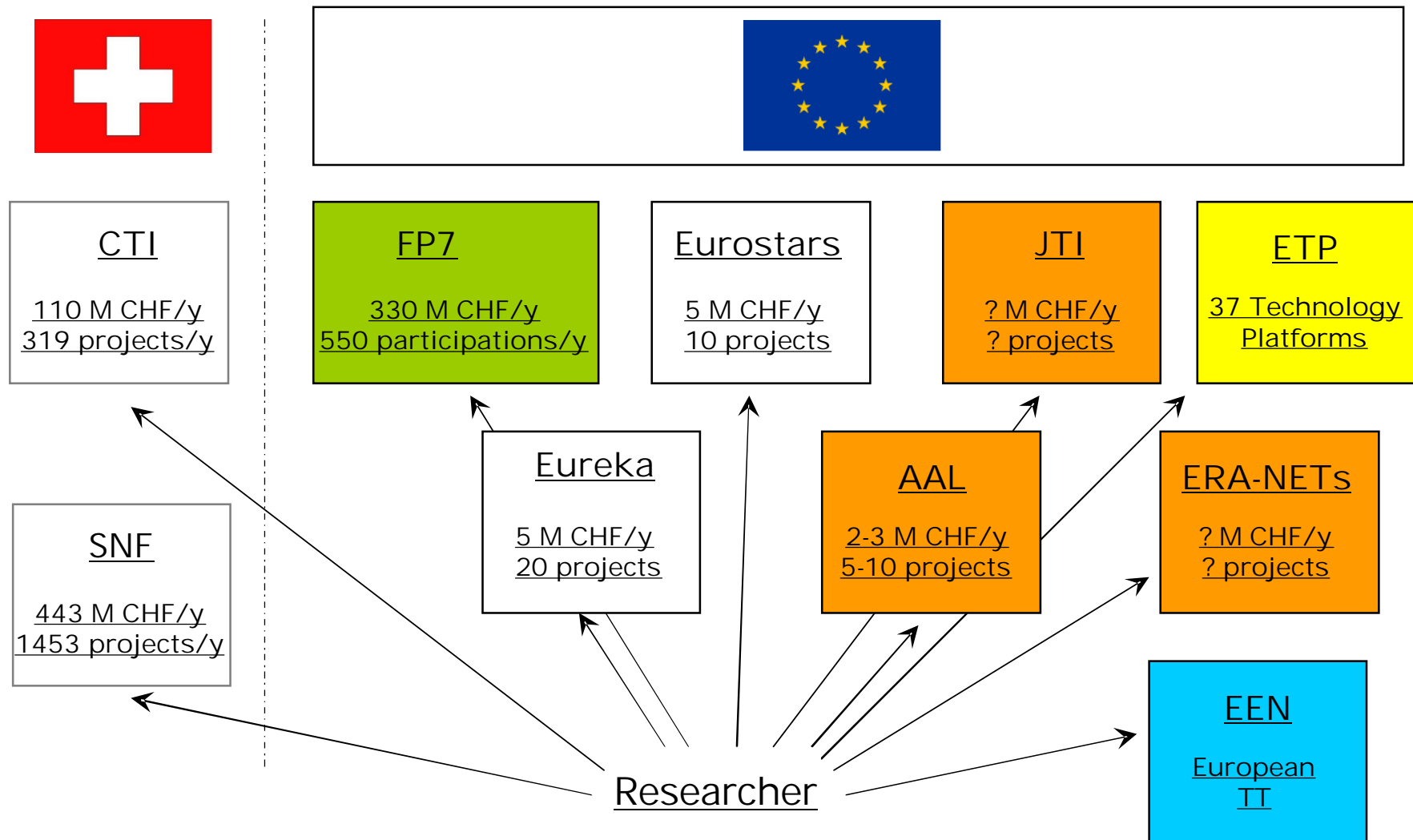


EU projects are a serious adventure.

You rather take a guide



# European R&D and Innovation



# The 4 main components of FP7




[http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)

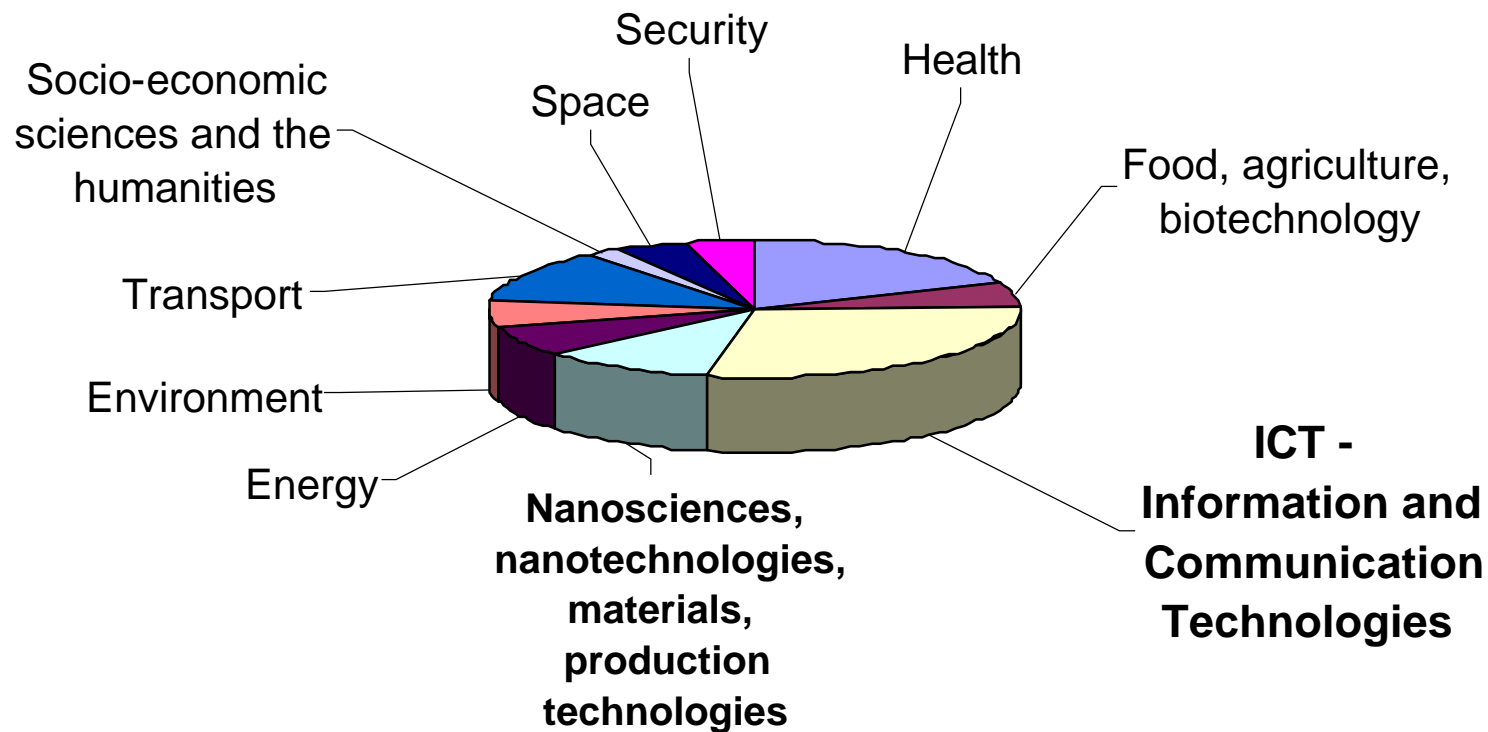
# COOPERATION

## 4 Specific FP7 programmes

		Billion €
Cooperation	10 themes	€ 32.4
Ideas	Basic research (ERC)	€ 7.5
People	Mobility (Marie Curie actions)	€ 4.7
Capacities	7 horizontal axes	€ 4.1



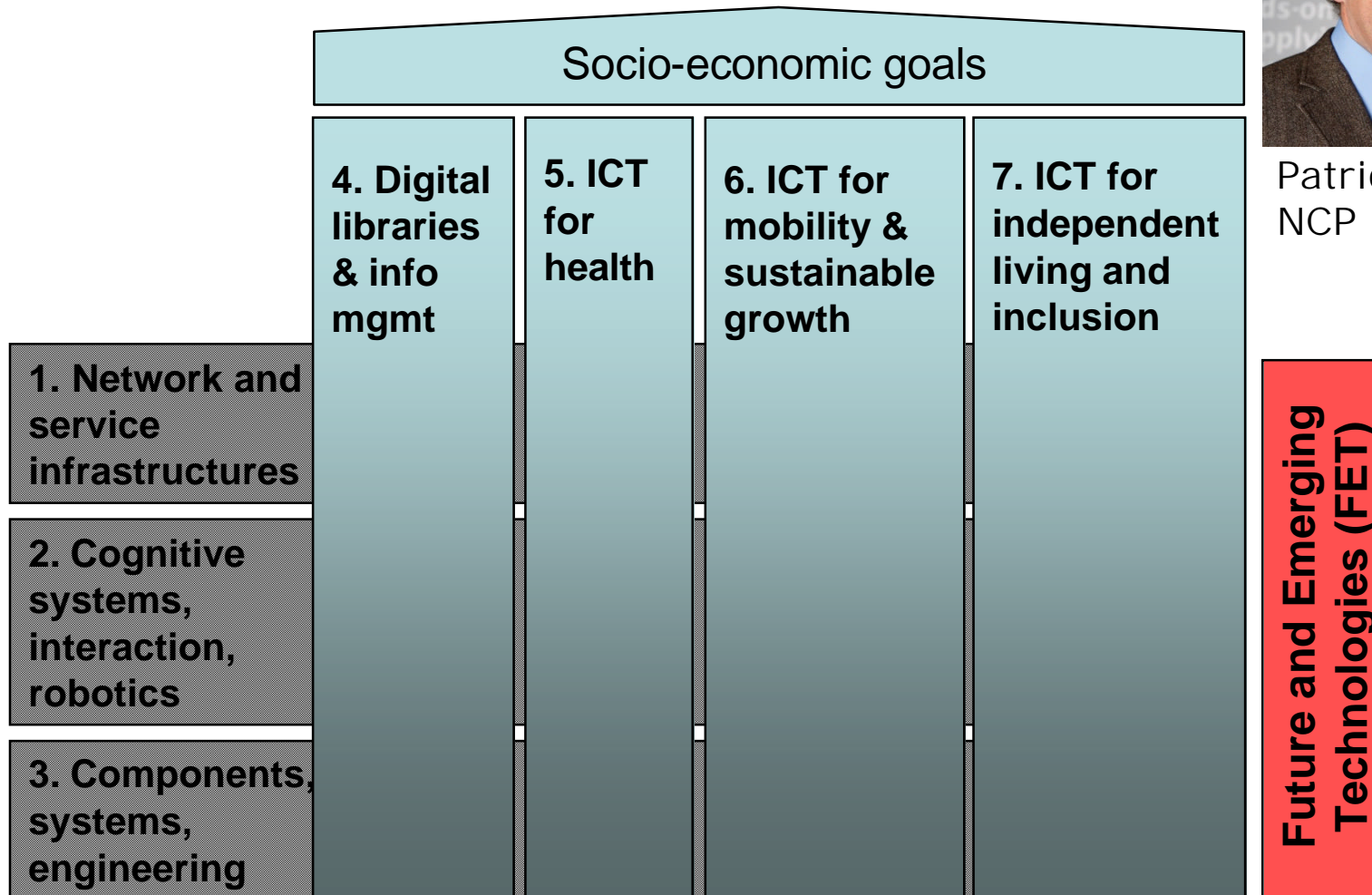
# Cooperation – 10 themes



# INFORMATION AND COMMUNICATION TECHNOLOGIES



Patrick Furrer  
NCP ICT



[patrick.furrer@euresearch.ch](mailto:patrick.furrer@euresearch.ch)



# NANOTECHNOLOGIES, MATERIALS, NEW PRODUCTION (NMP)

The 4 activity fields:

- § Nanosciences and Nanotechnologies
- § Materials
- § New production technologies
- § Integration of technologies for industrial sectoral and cross-sectoral applications

Integration of SMEs addressed

- § Mainly two stage proposals
- § Particularly for SMEs: FP7-NMP-2010-SME-6
- § Economy Recovery Plan PPP:
  - § Factories of the Future
  - § Sustainable Building Technologies

Contact: [marion.tobler@euresearch.ch](mailto:marion.tobler@euresearch.ch)



Marion Tobler  
NCP NMP



## FP7 The rules of the game

## FP7 versus KTI

### FP7

- § Mainly top down approach
- § Deadline
- § From idea to project: 18 months
- § Only European research topics
- § International Company Network can be included
- § Changing staff at the commission
- § International market access
- § Support by Euresearch, mandated by the SER, (EDI)

### KTI

- § Bottom up (industry oriented)
- § Project development possible
- § Shorter implementation
- § National topics
- § Limited cooperation options (only national)
- § Project officers well known
  
- § Mainly domestic markets
- § Support by BBT (EVD)

## COOPERATION - rules

- § at least 3 independent partners in 3 different Member States (MS) or Associated Countries (AC)
- § top-down: EC defines topics and format ('funding scheme') of projects
- § funding limits depending on
  - § types of participants
  - § types of activity
  - § location of partners



# FP7 funding schemes

§ Large-scale integrating projects (increase Europe's competitiveness or solving major societal needs (average: 3-5 years,  $\pm 15$  participants, 4-12 million €)



§ Small- or medium-scale focused research actions research, demo, or innovation projects, same objectives as for IP (average: 2-4 years,  $\pm 8$  participants, 4 million €)



§ Coordination actions (studies, conferences, summer schools,...)



§ PPPs (private public partnership). Factories of the Future, Energy efficient Buildings, Green Cars





# ICT Types of projects (indicative)

## Research funding

- § STREP: Specific Targeted Research Project
  - § Look for smart new idea
  - § 3-6 partner, 2-4 years
  - § 2-4 M€ EC funding
- § IP: Integrated Project
  - § Look for high impact (global visibility, flagship EU projects)
  - § 5-10 partners, 3-5 years
  - § 4-10 M€ funding

## ERA strengthening funding

- § NoE: Network of Excellence
  - § Coordination of Joint Programmes of Activities across EU
  - § All stakeholders involved
  - § 5-7 M€ funding (for coordination work mostly)
- § CSA: Coordination and Support Action
  - § Not for research, but for roadmapping, prospective studies, assessments, supporting implementation of the ICT programme
  - § Up to 1-2 M€ funding
- § ERA-Nets, I3, etc : please ask Euresearch

## Maximum funding rates

### § Research activities:

§ SMEs: 75%

§ Public bodies: 75%

§ Secondary and higher education establishments: 75%

§ Research organisations (non-profit): 75%

§ Multinational (large) Enterprises: 50 %



Overhead allows that most projects can be nearly 100% financially covered



## European policy and strategy



## EUROPE 2020

Presentation of J.M. Barroso,

President of the European Commission, to the Informal European Council of 11 February 2010

"I want to make sure we make full use of Europe's research excellence, Europe's talent and Europe's entrepreneurial spirit. Those qualities will be decisive in creating the green, hi-tech economy of the future and in making the 21st century a European century"

## Three priorities for sustainable growth and jobs

---

13

- **Growth based on knowledge and innovation**
  - Innovation
  - Education
  - Digital society
- **An inclusive high-employment society**
  - Employment
  - Skills
  - Fighting poverty
- **Green growth: a competitive and sustainable economy**
  - Combating climate change
  - Clean and efficient energy
  - Competitiveness

Presentation of J.M. Barroso to the Informal European Council, 11 February 2010

EUROPE 2020



## 7 flagship initiatives

- § Innovation Union
- § Youth on the move
- § A digital agenda for Europe
- § Resource efficient Europe
- § An industrial policy for the globalisation era
- § An agenda for new skill and jobs
- § European platform against poverty

## NMP Approach for 2012

§ Research and innovation are key drivers of economic and social growth as the instruments for the implementation of **the Innovation Union initiative**.

### § Societal challenges

§ Energy and Energy efficiency: (energy-efficient buildings)

§ Environmental issues and sustainable development

§ **Health and safety**

§ Factories of the Future

§ Green Cars

# Calls roadmap

## 8 next calls from ICT WorkProgramme 2011-2012





Why should we go for it?  
....and can I win?

## Why international funding?

- § You seek internationally oriented innovation
- § Enlarge your competences
- § Look for new market segments
- § Strengthen your supplier network
- § Follow a mid term strategy

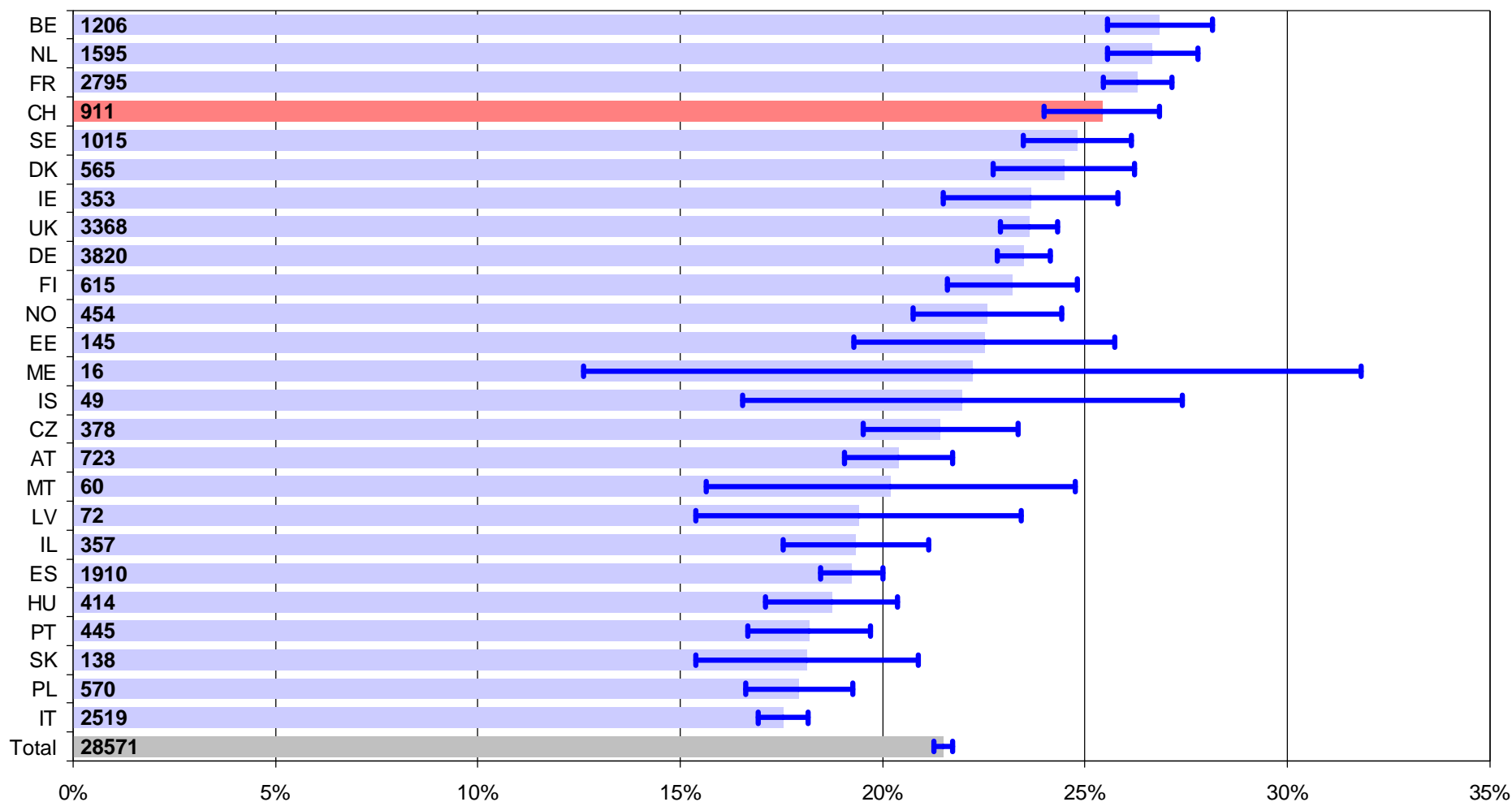
## What else can you get?

- § International contacts and networks in the projects
- § Contacts far beyond the project
- § Personal careers



# Switzerland and the EU

Taux de succès des propositions par pays (top 25 des pays membres et associés, total)

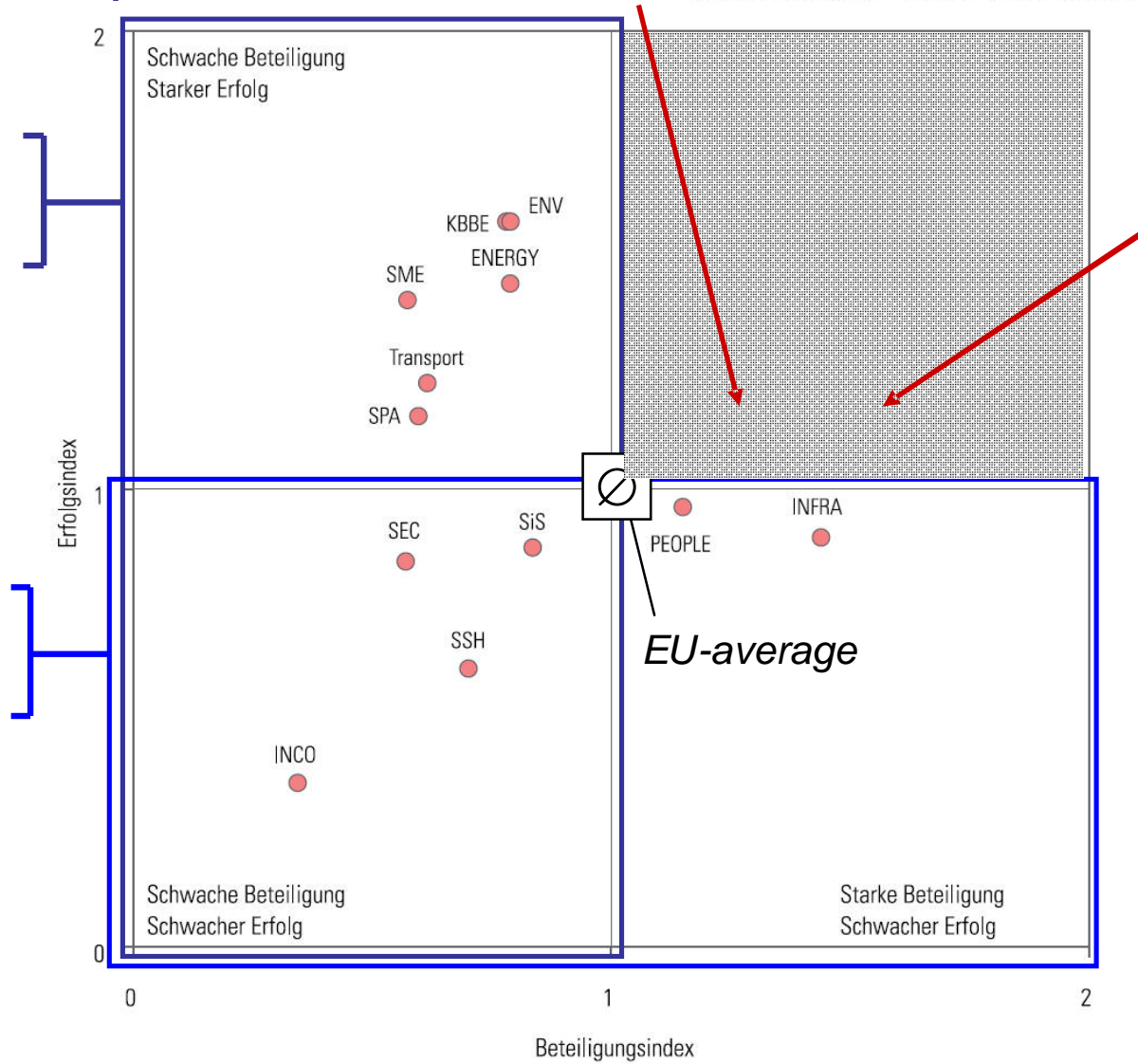


Taux de succès

# Statistic of CH participation in FP7

**Measure: more *publicity***

**Measure: *Pre-Screening***

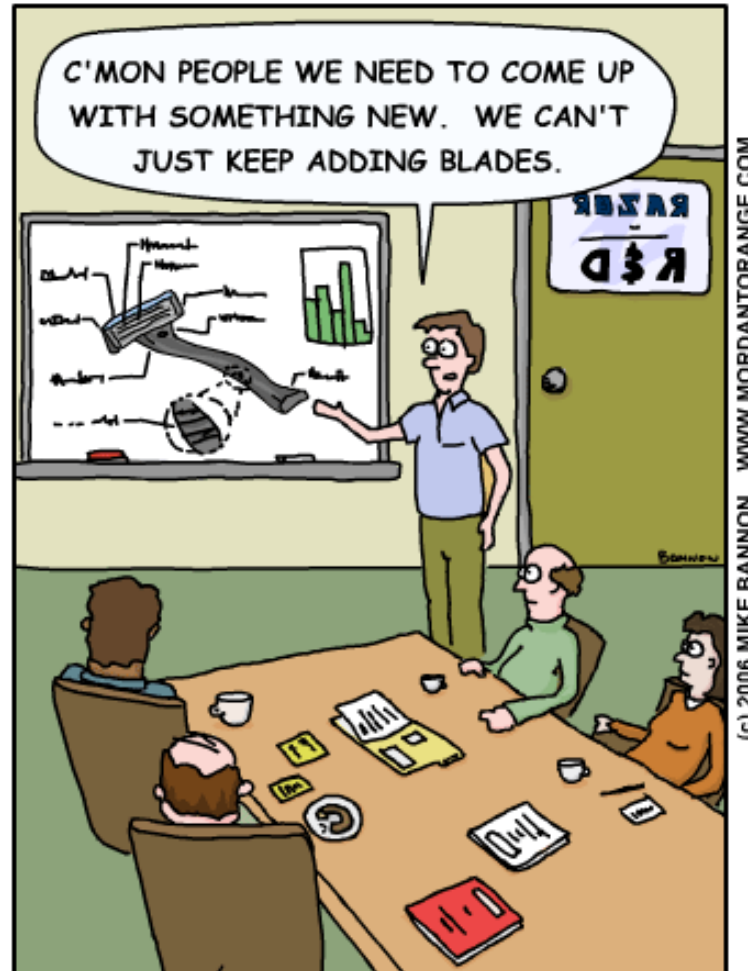


## Facts about FP7 and Switzerland

- § Budget FP7: 52.5 billion € (2007-2013)
- § Switzerland pays 2.6% - 3%
- § Switzerland is associated to FP7: „eat as much as you can“  
pay a flat rate and participate as much as you can
- § All proposals are submitted in Brussels
- § Switzerland has a positive return on investment (around 1.46)
- § 5-600 participations per year
- § CH-success rate: 25%



## The workshop on your topic



Excellence in research

# Evaluation criteria

- ü Scientific and/or technological excellence
  - ü relevant to the topics addressed by the call
- ü Quality and efficiency of the implementation and the management
  - ü appropriateness of the management structure and procedures
  - ü quality and relevant experience of the individual participants
- ü The potential impact through the development, dissemination and use of project results

	Minimum threshold
S/T quality	3/5
Implementation	3/5
Impact	3/5
Overall threshold required	10/15

# What Makes a Good Proposal?

■ What problem are you trying to solve?

■ What is the European priority?

Is it a European problem?

■ Is knowledge already available? (state of the art)

Does it go beyond?

■ Why now? (what were barriers so far?)

■ Why this consortium?

Are you the best people to do this work?



# A one page proposal

1	Topic number (call identif.)	
2	Topic title (from WP)	
3	Acronym (brand)	Sell!
4	Objective	
5	Background	What problem do we solve? talk policy and market
		Has it a European dimension? European websites (page3)
		Is the solution already available? (product, service)
		Why now? (think economy and society) -> 6
		Why us? (best people) -> 7
6	Results (outcome, impact)	What will you produce? Who will do it? What is the contribution to Europe's economy and society? Talk business! è next page
7	Consortium	Show and complement your network
8	Research plan	è Next page
10	Duration, Costs	

## FP7 Consortia

At least 3 legal entities  
from 3 different EU MS /  
AC

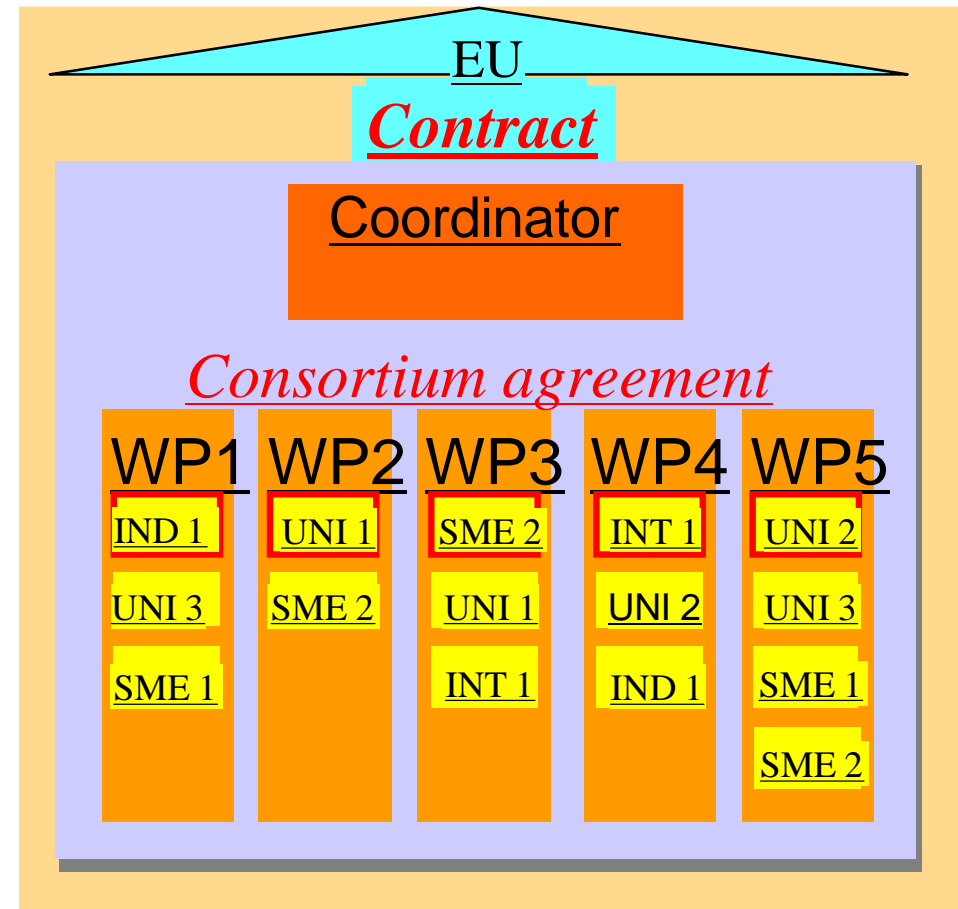
Also funded

- § International cooperation  
partner countries (ICPC)
- § International organisations:  
WHO ..

Not funded

Industrialised third countries:  
USA, Japan, Canada, etc.

to be checked case by case



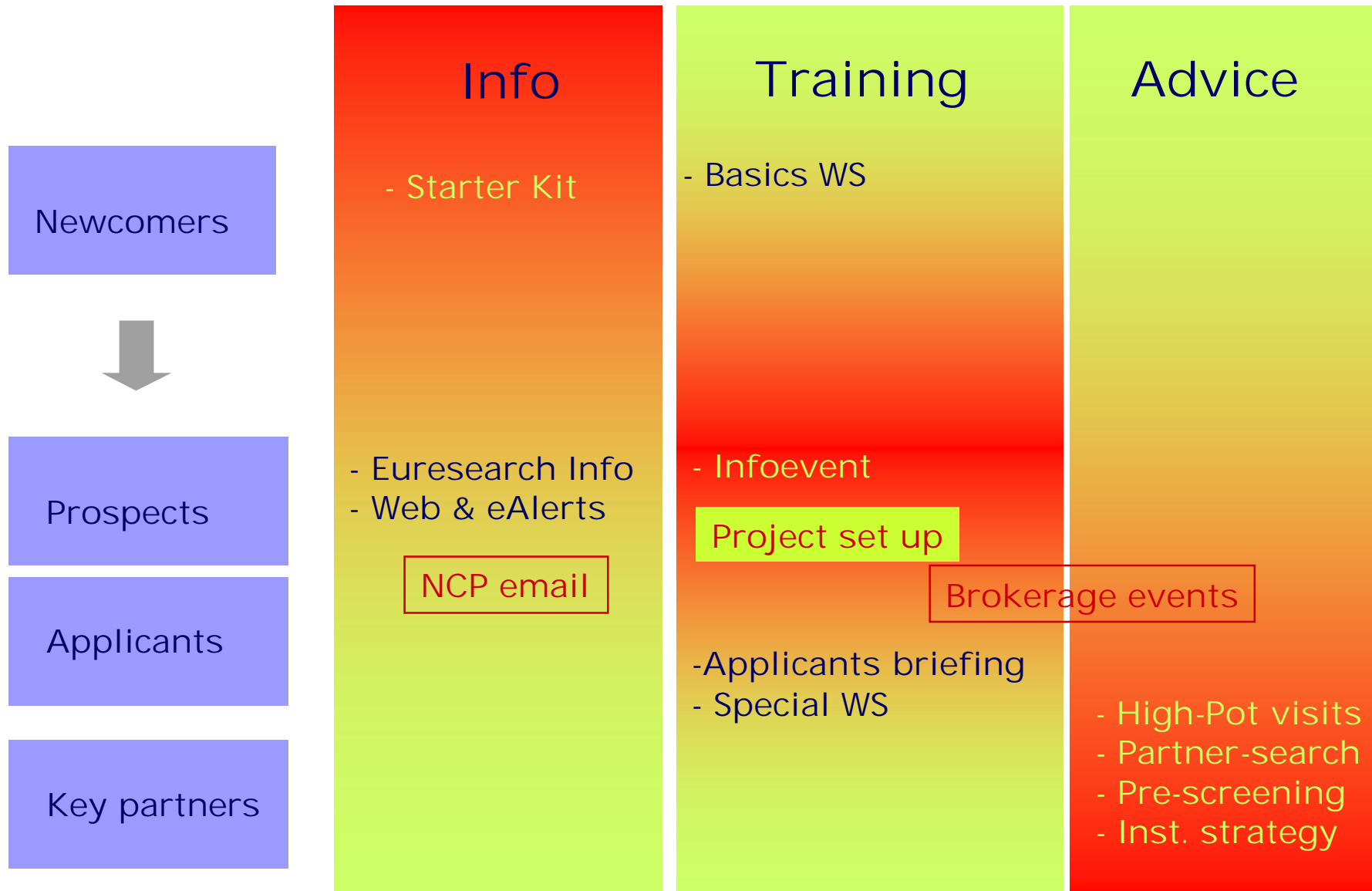


How is a project and a team built up?



Help !

# Services for clients



## Ideal-IST Service: Your worldwide ICT PartnerSearch Network

- ∅ Worldwide (65 countries) NCP-based network
- ∅ Umbrella for 30 other ICT Support Services (Service-Map)
- ∅ Operational from 1996
- ∅ Supported > 2000 consortia to find partners
- ∅ Quality Check of your project idea

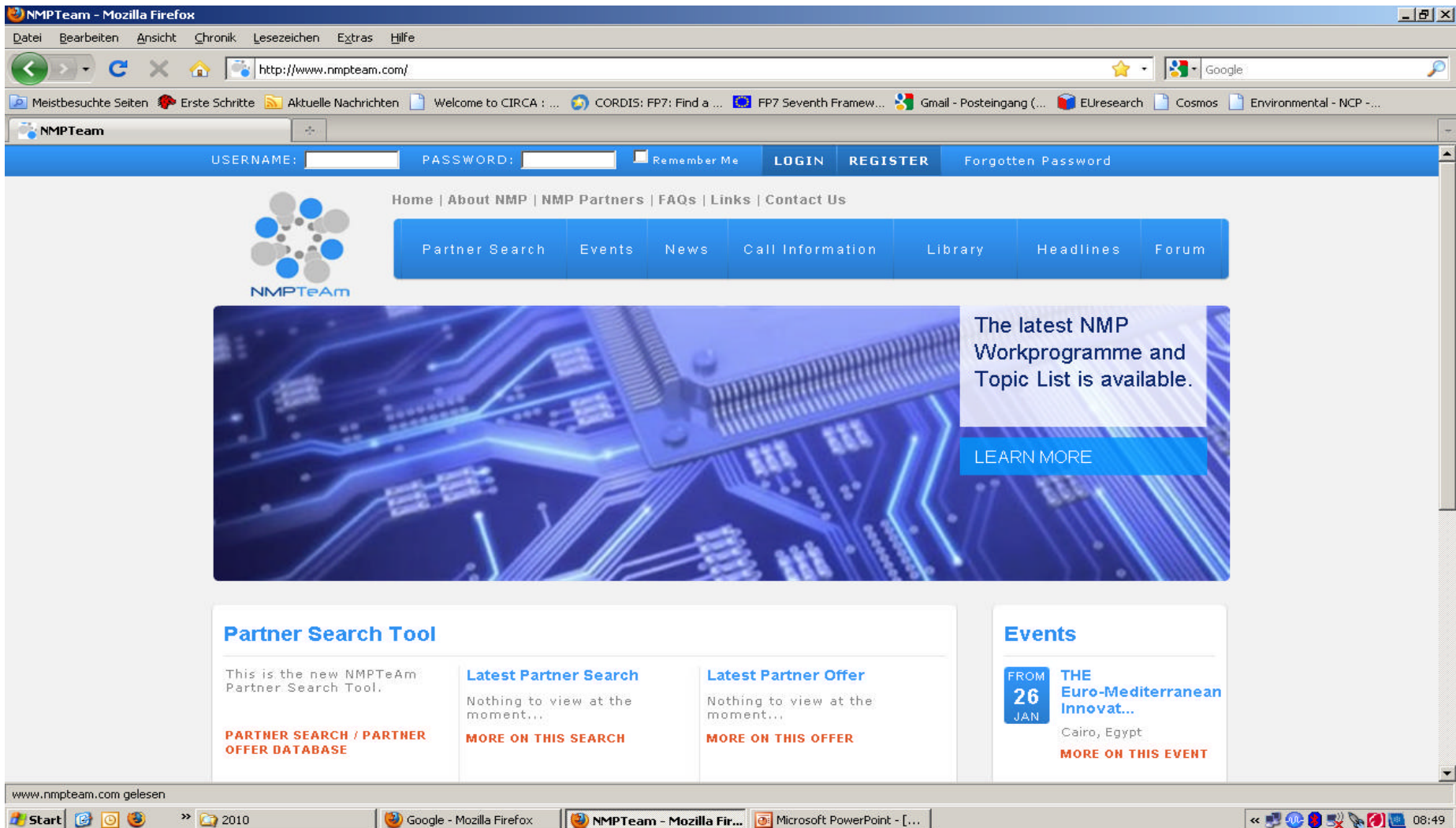
[www.ideal-ist.net](http://www.ideal-ist.net)



Information Society  
and Media

IDEAL-IST is funded by the European Commission

# The NCP Network TeAm: [www.nmpteam.com/](http://www.nmpteam.com/)



The screenshot shows the NMPTeam website in a Mozilla Firefox browser window. The browser's address bar displays <http://www.nmpteam.com/>. The website features a blue header with a login form (USERNAME:  PASSWORD:  Remember Me) and buttons for LOGIN, REGISTER, and Forgotten Password. Below the header is a navigation menu with links: Home | About NMP | NMP Partners | FAQs | Links | Contact Us. A secondary menu contains buttons for Partner Search, Events, News, Call Information, Library, Headlines, and Forum. The main content area includes a large banner image of a circuit board with glowing blue lines, overlaid with a text box: "The latest NMP Workprogramme and Topic List is available." and a blue button labeled "LEARN MORE". Below the banner are three columns of content: "Partner Search Tool" (with a link to "PARTNER SEARCH / PARTNER OFFER DATABASE"), "Latest Partner Search" (with a link to "MORE ON THIS SEARCH"), and "Latest Partner Offer" (with a link to "MORE ON THIS OFFER"). To the right, an "Events" section highlights "FROM 26 JAN THE Euro-Mediterranean Innovat..." in Cairo, Egypt, with a link to "MORE ON THIS EVENT". The browser's taskbar at the bottom shows the Start button, system tray icons, and open applications: Google - Mozilla Firefox, NMPTeam - Mozilla Fir..., and Microsoft PowerPoint - [...]. The system clock shows 08:49.



## Websites

### **Europa Search Engine:**

[http://europa.eu/geninfo/query/advSearch\\_en.jsp](http://europa.eu/geninfo/query/advSearch_en.jsp)

### **European Advisory Board:**

[http://europa.eu.int/comm/research/eurab/index\\_en.html](http://europa.eu.int/comm/research/eurab/index_en.html)

### **Policy under discussion:**

White paper

Green paper

[www.oecd.org](http://www.oecd.org)

## Info Sources

### § European Research

<http://cordis.europa.eu>

<http://cordis.europa.eu/fp7>

### § ICT Research

[http://ec.europa.eu/information\\_society](http://ec.europa.eu/information_society)

<http://cordis.europa.eu/fp7/ict>

<http://www.euresearch.ch/ict>

ICT Results: <http://cordis.europa.eu/ictresults/>

ICT Projects: [http://cordis.europa.eu/fp7/ict/projects/home\\_en.html](http://cordis.europa.eu/fp7/ict/projects/home_en.html)

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



# 9 European Technology Platforms in ICT



*your Swiss guide to European research*

- § European Nanoelectronics Initiative Advisory Council (ENIAC)  
<http://www.eniac.eu>
- § Advanced R&D on Embedded Intelligent Systems (ARTEMIS)  
<http://www.artemis.eu>
- § Mobile and wireless communications technology (eMobility)  
<http://www.emobility.eu.org/>
- § Networked and electronic media platform (NEM)  
<http://www.nem-initiative.org/>
- § The Photonics Technology Platform (Photonics 21)  
<http://www.photonics21.org/>
- § The Integral Satellite communication Initiative (ISI)  
<http://www.isi-initiative.eu.org/>
- § The Smart Systems Integration  
<http://www.smart-systems-integration.org/>
- § Networked European Software and Services Initiative (NESSI)  
<http://www.nessi-europe.com/index.htm>
- § European Robotics Platform (EUROP)  
<http://www.roboticsplatform.com/>



Information Society  
and Media

# Get informed !

## **Major Swiss National Funds for Nanosciences and Nanotechnology**

### **Current Swiss National Centres of Competence in Research in Nanotechnology**

[NCCR MaNEP - Materials with Novel Electronic Properties](#) -

<http://www.manep.ch/en/nccr/index.html>

[NCCR Nanoscale Science - Impact on Life Sciences, Sustainability, Information and Communication Technologies](#) -

[http://www.snf.ch/E/targetedresearch/centres/currentNCCR/Seiten/\\_xc\\_nfsnanoscalesciencie.aspx](http://www.snf.ch/E/targetedresearch/centres/currentNCCR/Seiten/_xc_nfsnanoscalesciencie.aspx)

[NCCR Quantum Photonics - Quantum Photonics](#) -

[http://www.snf.ch/E/targetedresearch/centres/currentNCCR/Seiten/\\_xc\\_nfsquantenphotonik.aspx](http://www.snf.ch/E/targetedresearch/centres/currentNCCR/Seiten/_xc_nfsquantenphotonik.aspx)

[NCCR Structural Biology - Molecular Life Sciences: Three Dimensional Structure, Folding and Interactions](#) -

[http://www.snf.ch/E/targetedresearch/centres/currentNCCR/Seiten/\\_xc\\_nfsstrukturbiologie.aspx](http://www.snf.ch/E/targetedresearch/centres/currentNCCR/Seiten/_xc_nfsstrukturbiologie.aspx)

### **Current Swiss National Research Programmes in Nanotechnology and Related Sciences:**

NRP 47 - Supramolecular Functional Materials - [http://www.nrp47.ch/html\\_e/nfp\\_frame.htm](http://www.nrp47.ch/html_e/nfp_frame.htm)

### **Industrial Research and Innovation in Nanotechnology funded by the Commission for Technology and Innovation**

Micro and Nanotechnology

<http://www.bbt.admin.ch/kti/projektfoerderung/00243/index.html?lang=en>

# European Technology Platforms



Manufuture:  
European Technology  
Platform on  
Manufacturing



[http://cordis.europa.eu/technology-platforms/home\\_en.htm](http://cordis.europa.eu/technology-platforms/home_en.htm)

<http://www.manufuture.org/>

<http://cordis.europa.eu.int/nanotechnology/nanomedicine.htm>

<http://cordis.europa.eu.int/ist/eniac>



# Perspectives



# ICT perspectives



ICT Proposers' Day 2011

[\[Log on\]](#)

- Home
- Programme
- ICT priorities
- Networking
- Practical
- e-Library
- Register

[+ Share](#) | [f](#) [t](#) [e](#)

## Your networking opportunity for European ICT research & development

**ICT Proposers' Day 2011** is organised every two years by the **Information Society and Media** Directorate-General of the European Commission promoting Information and Communication Technologies (ICT).

### Registration is open!

Watch a [video of the previous event](#)

### About the event

Under the auspices of the Hungarian EU Presidency, the event will take place in **Budapest** at Hungexpo fair Center from **19<sup>th</sup> to 20<sup>th</sup> May**.



Join the conversation

**Online networking**  
**OPEN**

Use the **online networking features** to find partners to participate in the next ICT calls.

**Guided tour on online networking** (📎 792KB)

This includes a **call for presentations** for potential proposers to present their ideas at the event.

**Template for presentations** at the event (📎 234KB)**ICT Proposers' Day 2011 Organisation**



# Perspectives NMP



Nanotech Europe

# EuroNanoForum

2011 Budapest

HOME CONFERENCE EXHIBITION MATCHMAKING CONTACT

- REGISTRATION ▶
- CALL FOR CONTRIBUTIONS ▶
- SPEAKER SPOTLIGHT ▶
- COMMITTEES ▶
- PARTICIPATING ORGANISATIONS ▶
- PRESS KIT, MEDIA INFO ▶
- VISITOR INFORMATION ▶
- PAST EVENTS ▶

EuroNanoForum is this year's must-attend event for the European nanotechnology community. By participating you will gain critical knowledge about nanotechnology development, build partnerships, raise funding, do business and have fun. The event takes place in Budapest's Congress and World Trade Center from 30th May to 1st June 2011.

The [event programme](#) features updates on the latest developments in nanotechnology from over 70 leading research centers, practical information about industrial applications from European nanotechnology leaders like Bayer, Umicore, Fiat and Nokia, and will enable you to get a deeper understanding of future R&D funding strategies from the European Commission and 14 other funding agencies.

EuroNanoForum is also a place to build partnerships and do business. You can raise your profile with a stand in the [fully-integrated exhibition](#), pre-arrange meetings with potential partners and customers during a [full day of matchmaking](#), and find funding for your company by pitching Europe's leading nanotechnology investors in the [venture forum](#).

Last but not least, you'll have fun. Conference tickets include lunch and coffee, plus a cocktail reception and gala dinner to maximize opportunities for networking. The event is also a great excuse to spend time in one of Europe's most attractive capitals in the summer sunshine!

[View the list of organisations who have already confirmed their participation](#)

## Budapest, Hungary

SEE YOU IN **33** DAYS

## Organisers:





# ManuFuture 2011 Conference in Wroclaw, 24 – 25 October, 2011



your Swiss guide to European research



## ManuFuture 2011 Conference First Announcement

### Dear colleagues and Manufacturing enthusiasts:

This is the first announcement for the MANUFUTURE 2011 CONFERENCE, which will take place on October 24th – 25th at the Regional Business Tourism Centre in Wroclaw, Poland. Participation is free of charge but by invitation only. This conference is held in association with the EU Polish Presidency 2011.

### West and East Europe in global High Added Value manufacturing

The focus of the conference will be on how to ensure successful cooperation in High Added Value global manufacturing between EU countries and countries from Central and Eastern Europe as well as within the EU itself (between new and old member states). The good chance for this kind of cooperation as for the first time the ManuFuture conference will be organized in the country, which is placed in Central Europe and is recognized as new EU member state.

In the 2011 ManuFuture conference, the following main areas will be addressed:

- \* Cooperation West-East Europe in global manufacturing,
- \* Cooperation and partnership of EU countries with Balkan countries as well as EECÁ region,
- \* Cooperation between old and new EU member states,
- \* SMEs in transforming European economies,

**Further information:** More information about the ManuFuture 2011 conference (programme, registration, travel and accommodation, local information etc.) will be available at the [www.manufuture2011.eu](http://www.manufuture2011.eu) conference website, due to be online in November 2010. Meanwhile, please feel free to contact us if you need more information or assistance: [manufuture2011@dpin.pl](mailto:manufuture2011@dpin.pl). We are looking forward to your participation and contribution and hope to see you in Wroclaw.

Best Regards

Edward Chlebus, Chair Organizing Committee; Jaroslaw Chrobot, Secretary Organizing Committee

- \* Current stage of research and innovations in advanced manufacturing,
- \* Effective models of academia-research-industry cooperation,
- \* Public engagement activities.

The conference will be accompanied with the outreach activities - actions addressed to wide public and to youth, including school students.

### Conference agenda:

The event starts on Sunday October 23rd, with a welcome cocktail at 20h00 and ends at 17h00 on Tuesday October 25th. We suggest that you block your agenda and start preparing your trip.

### Travel and accommodation:

You can reach Wroclaw by plane using the Mikolaj Kopernik international airport or by train using the Wroclaw Główny main train station. ManuFuture 2011 organisers will try to make your trip easy by assuring conference help desk at the airport and buses that will drive you to hotel and conference venue. For your convenience a number of hotel rooms will be pre-booked at different hotels in Wroclaw city centre near Old Market Place.

### SUPPORTED BY



MINISTERSTWO GOSPODARKI

MINISTERSTWO  
NAUKI I SZKOLNICTWA WYŻSZEGO

### PROMOTED BY



### ORGANISED BY



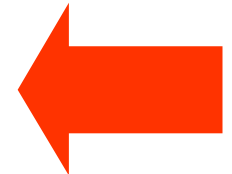
DOLNY  
ŚLĄSK



# PEOPLE

## 4 Specific FP7 programmes

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Ideas	Basic research (ERC)	€ 7.5
People	Mobility (Marie Curie actions)	€ 4.7
Capacities	7 horizontal axes	€ 4.1



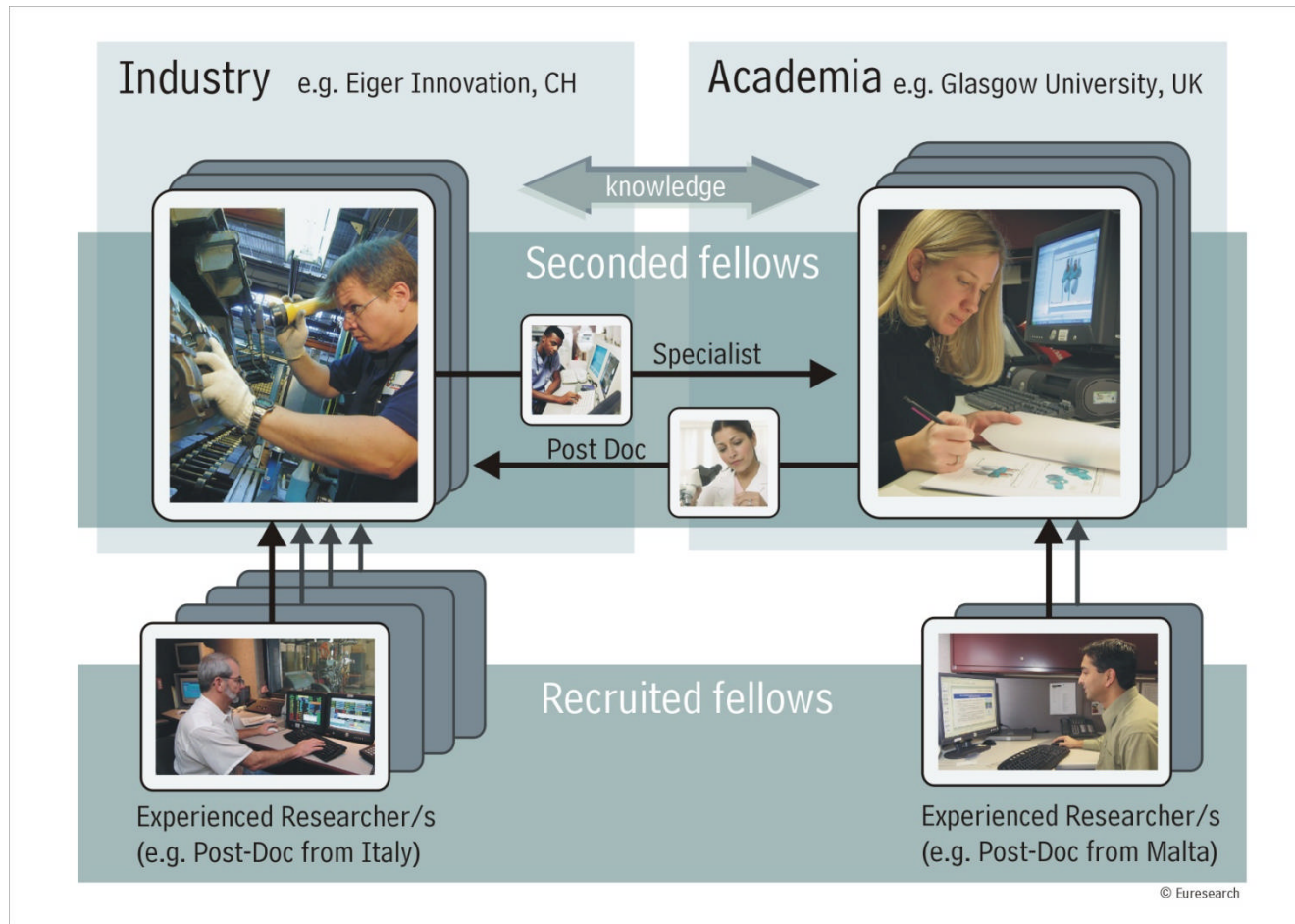


# MARIE CURIE ACTION: IAPP

## Industry-Academia Partnerships & Pathways



Juliane Sauer  
NCP Mobility

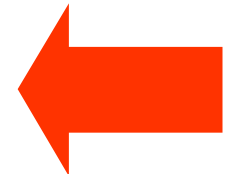


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# CAPACITIES

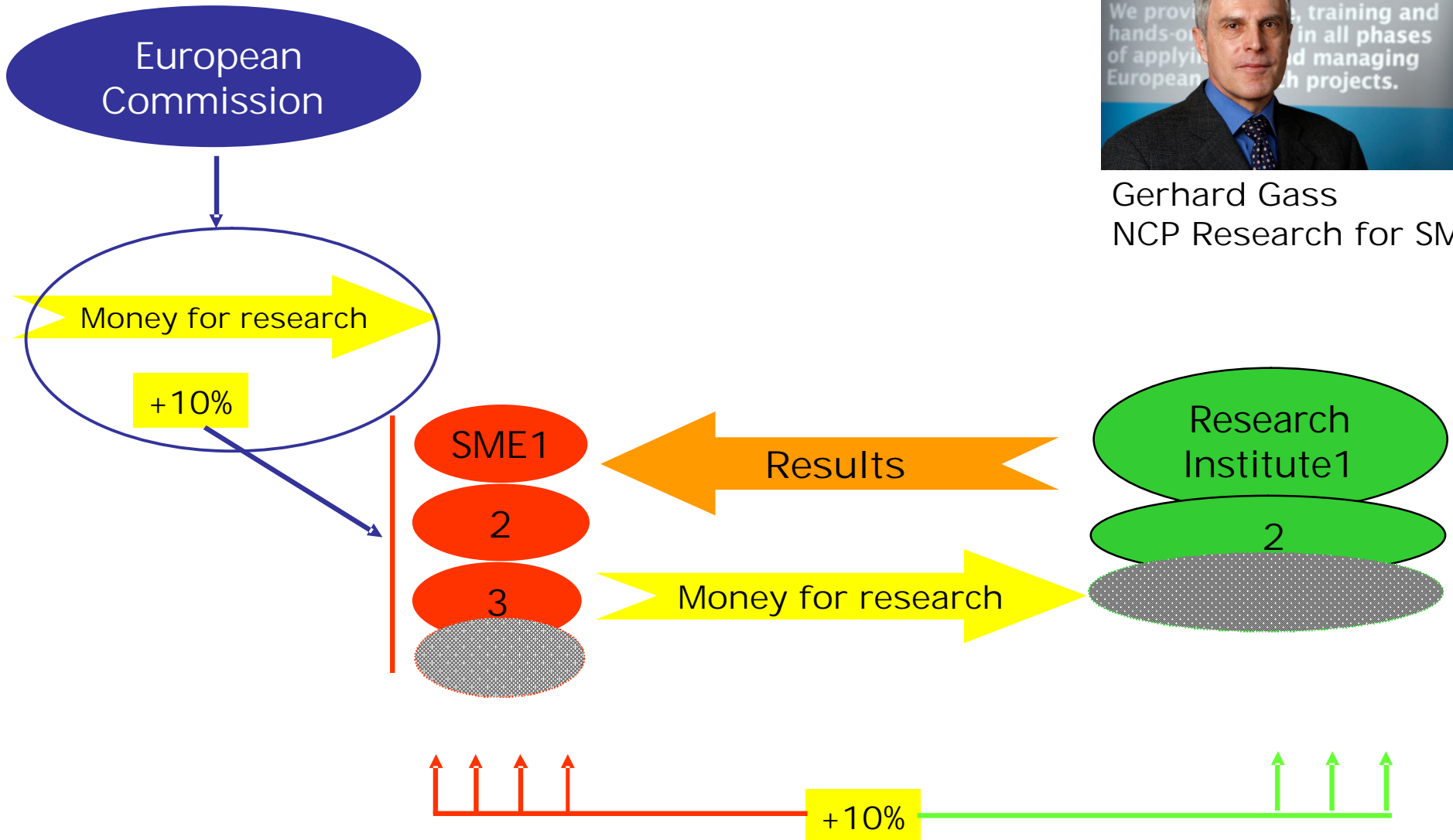
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# CAPACITIES

## Research for the benefit of SMEs



Gerhard Gass  
NCP Research for SME

The Enterprise Europe Network supports you with 600 organisations in 40 countries to build technology cooperation:

- § find partners exploiting your technologies
- § find partners providing a technological solution to you need
- § offer your expertise for technology and research cooperation







Swiss support for European Innovation & Technology

provided by



Personnel and free of charge support for all services:

§ [www.swisseen.ch/database](http://www.swisseen.ch/database): Browse through 4000 technology cooperation offers and requests

§ [www.swisseen.ch/alert](http://www.swisseen.ch/alert): Receive by email the latest technology cooperation offers and requests

§ [www.swisseen.ch/promotion](http://www.swisseen.ch/promotion): Disseminate your technology cooperation offer or request in over 40 countries

§ [www.swisseen.ch/events](http://www.swisseen.ch/events): Select in advance potential cooperation partners and meet them in face2face meeting