

FP7 – Research that pays
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Introduction to the 7th Framework programme

Rolf Klappert • Euresearch Neuchâtel
Université de Neuchâtel, Fbg du Lac 5a, CP3213, 2001 Neuchâtel
neuchatel@euresearch.ch • rolf.klappert@unine.ch • tél. + 41 32 718 10 51 • fax + 41 32 718 10 41

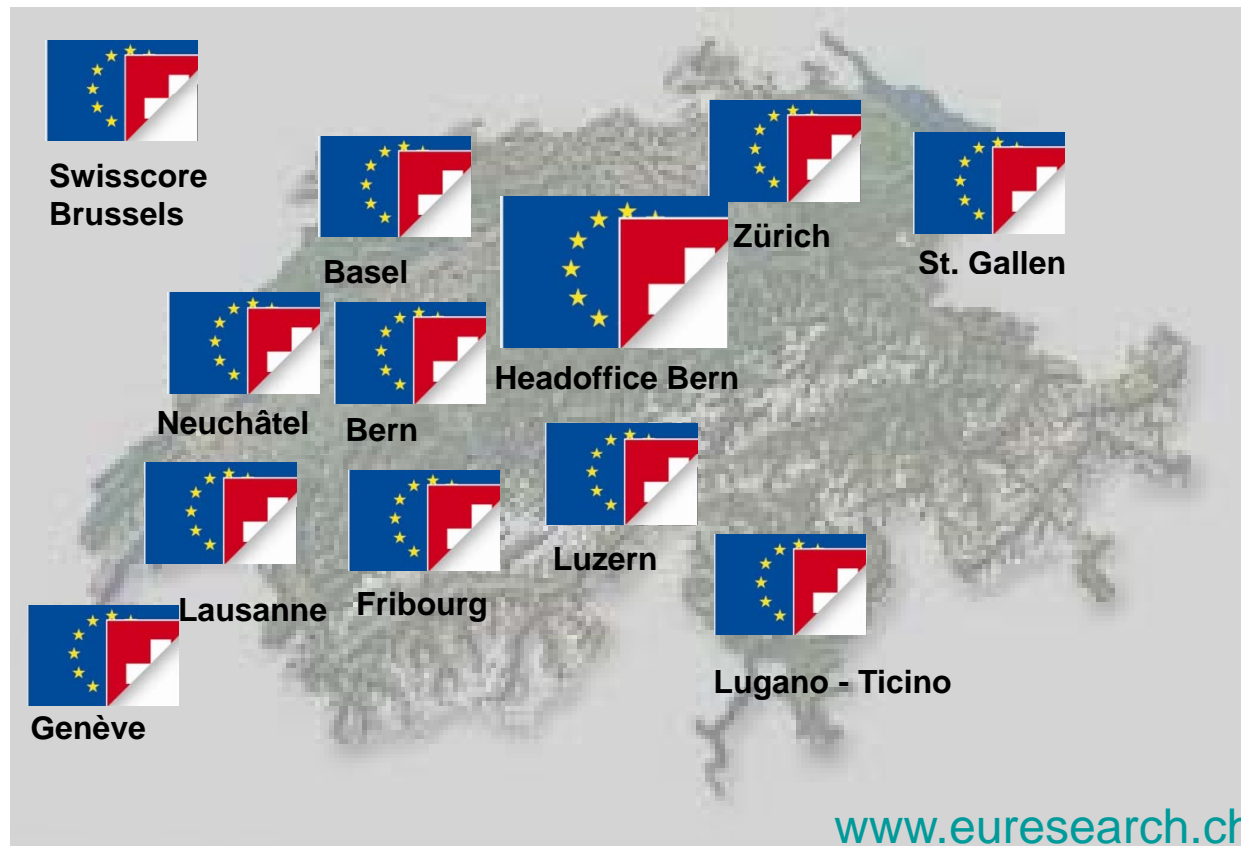


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Euresearch - The network



Regional Offices: Generalists, administration, support in legal & financial

Head Office: Specialists (national contact points), scientific and strategic support

SwissCore: Lobbyists, Brussels contacts & meeting space

Euresearch services

- Organisation of InfoEvents
- Distribution of information
 - News / events / calls etc.
 - In person or by electronic or print media
- Administrative (and legal) support
 - Find you place within the framework programme
 - Proposal preparation and submission
 - Project management
 - Proposal pre-screening
 - Contract negotiation
 - in Brussels with the Commission
 - within the consortium (IP, intellectual property)
 - Reports and audits
- Partner search

7th EU frame work programme

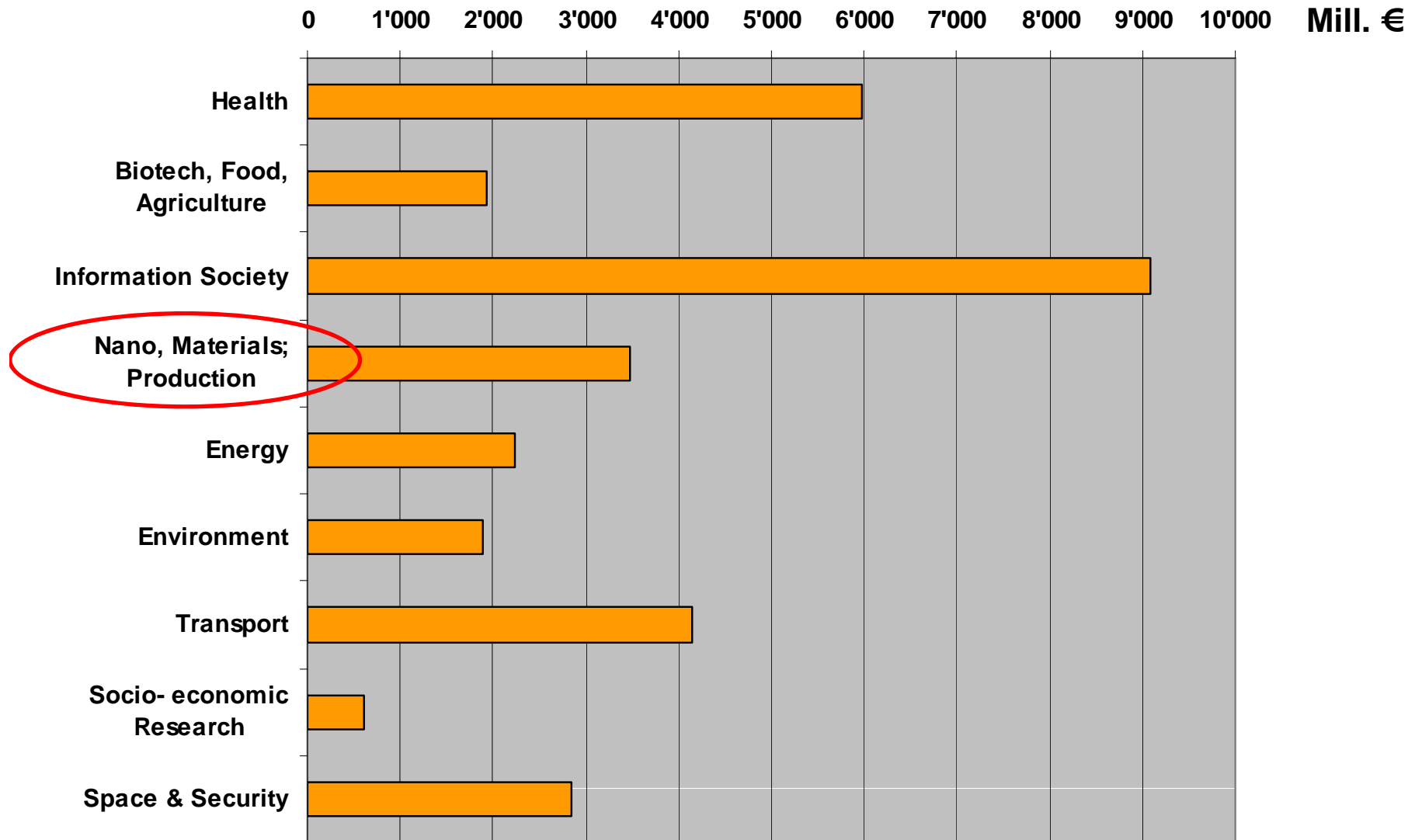
Top down
€32,4 Bill
61% of budget
international consortia

2007 - 2013



Reimbursement for R&D: in general 50 or 75% of full costs

Cooperation budget distribution



7th EU frame work programme

Top down
€32,4 Bill
61% of budget
international consortia

2007 - 2013



Bottom up
€7.5 Bill
14% of budget
individual driven
it's about excellence

Reimbursement: in general 120% of full costs

IDEAS – principles

ERC (European Research Council) Grants

- Support for **individual researchers or teams**, led by a Principal Investigator
 - ERC Starting Grant
 - 3 to 8 years after PhD
 - to foster independence
 - up to € 2 Mio for up to 5 years
 - ERC Advanced Grant
 - up to € 2.5 Mio for up to 5 years (exceptionally up to € 3.5 Mio)
- All fields of science are eligible
- Investigator-driven, bottom-up
- **Excellence** is the only criterion
- 100% reimbursement of costs + 20% Overhead
- Host organisation to be located in the EU (or Associate State)

7th EU frame work programme

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Bottom up
 €7.5 Bill
 14% of budget
 individual driven
 it's about excellence



Bottom up
 €4,7 Bill
 9% of budget
 training & trans-
border mobility

Reimbursement: in general 110% of costs specific to fellow

People or Marie Curie – principles

- Always implies trans-**border** mobility
- Brussels imposes fixed salaries (which include employer's social charges)
 - Researchers Categories (EUR/year); CH factor 1.163
 - Early-stage researchers (0-4 years): €34 500 CHF 63 395
 - Experienced researchers (4-10 years): €53 000 CHF 97 390
 - Experienced researchers (>10 years): €79 500 CHF146 084
 - + some compensation for mobility and other expenses
- Host organisation to be located in the EU (or Associate State)
- In general open for researcher from everywhere

People or Marie Curie – the actions

Networks

- ITN – Initial training network (probably no call in 2009)
 - Network of at least three entities; early stage researchers (ie doctoral students)
- IAPP – Industry-Academia Partnerships and Pathways
 - Staff exchange between academia and industry
- IRSES – International Research Staff Exchange Scheme
 - With S&T partner countries

Individual fellowships for experienced researchers (> 4 years experience)

- IEF – Intra-European Fellowships for Career Development
- ERG – European Reintegration Grants
 - Previous Marie Curie fellowship mandatory
- IOF – International Outgoing Fellowships for Career Development
 - Needs a partner in a third country
- IIF – International Incoming (from third countries) Fellowships
- IRG – International Reintegration Grants
 - Inverse brain drain for researches of member or associate states

7th EU frame work programme

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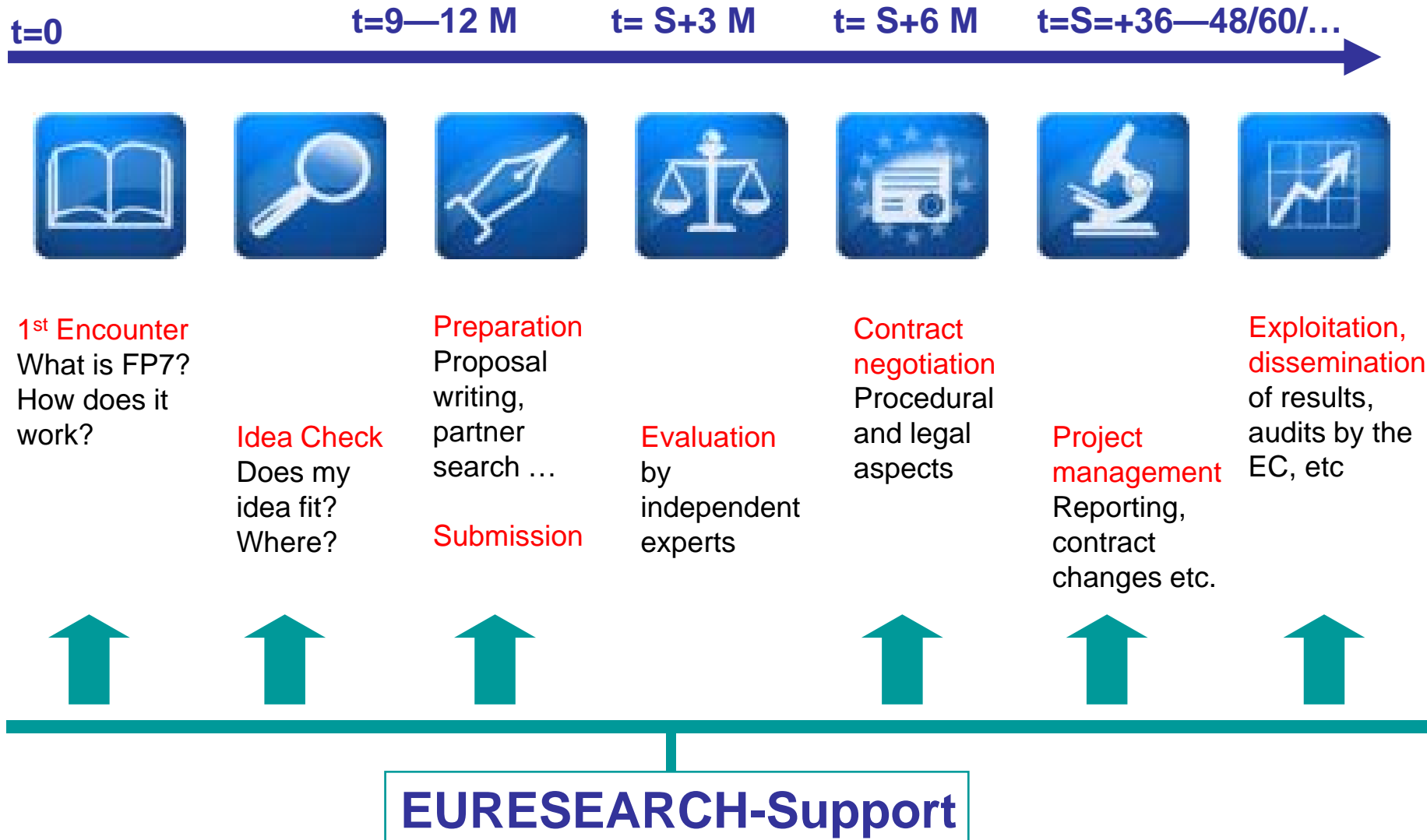
Bottom up & top down
 €4,2 Bill
 8% of budget
 several sub schemes
 e. g. Research for SME

Variable reimbursements

Capacities

- Research for the benefit of SME's
 - Problem solving by R&D providers for the benefit of SME or SME association
- Science in Society
 - Better understanding of the place of science and technology in society
 - Broader engagement to anticipate and clarify political, societal and ethical issues
 - Strengthening and improving the European science system
 - The evolving role of universities
 - Gender and research
 - Young people and science
- Support of existing Research Infrastructure & New infrastructures
- Regions of knowledge
- Research Potential
- Specific activities of International Cooperation

The project and its life cycle



How does it start ?

- You (or your 'network') have an project idea
- You contact Euresearch to find out where it fits

- The Commission launches a 'Call for proposal' which contains
 - Work programme (WP)
 - Guide for Applicants (GfA)
 - Deadline
 - CORDIS find a call page: <http://cordis.europa.eu/fp7/dc/index.cfm>

- You get this information through Euresearch (or through CORDIS)
 - You need a user profile (www.euresearch.ch/login)
 - Keyword controlled
- Euresearch also distributes other relevant information on European research

Project types and EC contribution

Funding scheme (Grant)	Minimum partners	Typical partners	EC contribution
Collaborative projects (CP) Large projects	3	12-20	> €6 million
Collaborative projects (CP) Small and medium projects	3	5-9	< €3 million
CSA* – Coordination	3	>20	€0.3 – 3 million
CSA – Support	1	1	€0.05 – 0.3 million

* CSA = Coordination and support action

- Type of possible funding schemes including **maximum EU contribution** will be defined in the relevant work programme (WP)

What can you get? - Collaborative projects

Maximum reimbursement rates of eligible costs (direct + indirect costs)

	R&D and innovation activities	Demonstration activities	Other activities (training; MGT)
Large companies and other organisations	50% (75% for security)	50	100
SME*	75	50	100
Universities Non profit PB* R&D organisations	75	50	100

* SME = Small and medium enterprise; PB = public bodies

Activities funded at 100%:

- Coordination and support actions
- Career development activities
 - Marie Curie – People
 - ERC – Ideas

What can you get? - Overhead

Maximum overhead rates (indirect costs)

	Collaborative projects	Marie Curie	Coordination and support actions
All	20% or actual costs	10	7
SME ¹	60% ² or actual costs	10	7
Universities / non profit PB R&D organisations	60% ² or actual costs	10	7

¹ Don't count on 60% !!! Either actual indirect costs or 20% flat rate

² Might decrease after 1st January 2010, but not below 40%

What can you get? - Examples

Big company, 20% flat rate: $(100+20)*0.50 = 60$

Big company, 100% actual indirect costs: $(100+100)*0.5 = 100$

SME, 20% flat rate: $(100+20)*0.75 = 90$

Public body, 60% flat rate: $(100+60)*0.75 = 120$

Public body, 40% flat rate: $(100+40)*0.75 = 105$

Financial conditions /1

- There are eligible and non eligible costs
 - Eligible costs
 - Direct costs
 - Personnel (**new: including permanent staff for universities**)
 - Consumables & durable equipment (with depreciation)
 - Travel and subsistence
 - Subcontracting
 - Indirect costs / Overhead
 - Non eligible costs
 - **Identifiable indirect taxes; e.g. VAT, etc**
 - **Exchange losses**
 - Excessive or reckless expenditure
 - etc.

Financial conditions /2

Good to know:

- There is a pre-financing
- No collective technical and financial responsibility as in FP6
 - Each beneficiary is responsible for his project contribution
- In general: certificate on financial statements (CFS = audit certificates) each time the cumulative expenses are higher than €375'000
- Consortium can reallocate budget as far as work is carried out as foreseen in the “Description of work” (DOW or also Annex1).

Still interested – what next?

- Contact **Euresearch** to find out where you fit
- Check the [Work programme](#)
- Four parts:
 - Context: political motivation
 - Contents: what problems are to be solved
 - Implementation of call
 - Outlook on next call topics (unfortunately not always)
- Check your understanding with **Euresearch**
- Read the **Guide for applicants** to find out how it works
- Check again with **Euresearch** and get our support
- Don't forget that you need a consortium !
 - Your personnel network
 - European NCP network via Euresearch
 - EU's project data base
 - etc.

The proposal

Part A – administrative part

Part B – scientific part

1. Scientific and/or technical quality relevant to the call
 - Breakdown of the work
 - Deliverables and milestones
 - Risk and contingency plan
2. Implementation
 - Management
 - Subcontracting
 - Resources
3. Impact
 - Dissemination / exploitation / IP management
4. Ethical issues
5. Consideration of gender aspects

!!! Get your proposal 'screened' by Euresearch NCP's.

Five key questions to be answered

1. What problem are you trying to solve?
2. Why should Europe bother?
Could it be solved on national level?
3. Does the solution already exist?
4. What would happen if the research would not be done now?
5. Why your consortium and not the others?

The evaluation - Begin with the end in mind

1. Scientific and/or technological excellence (relevance to the topic called)	2. Quality and efficiency of the implementation and the management	3. The potential impact through the development, dissemination and use of project results
<ul style="list-style-type: none"> ▶ Soundness of concept and quality of objectives ▶ Progress beyond the state of the art ▶ Quality and effectiveness of the S/T methodology and associated work plan 	<ul style="list-style-type: none"> ▶ Appropriateness of the management structure and procedures ▶ Quality and relevant experience of the individual participants ▶ Quality of the consortium as a whole ▶ Appropriateness of the allocation and justification of the resources to be committed 	<ul style="list-style-type: none"> ▶ Contribution the expected impact listed in the work programme under the relevant topic ▶ Appropriateness of the measures for the dissemination and/or exploitation of project results ▶ management of intellectual property

- 5 points each with threshold of 3
- Overall threshold: 10/15

The Contracts

Model Grant Agreement (MGA)

- Core grant (special clauses possible)
- Annex I = Description of work = DOW = Technical annex = TA
- Annex II = General conditions
- Annex III = specific 'funding schemes' conditions

Consortium Agreement (CA = small print of Annex II)

- Almost always mandatory
- **Should be signed before the MGA if intellectual property (IP) matters**
- **MGA prevails CA**
- Details on
 - Implementation / management
 - Financial provisions
 - Confidentiality / publications
 - Intellectual property rights / exploitation
 - Pre-existing knowledge = Background

Six secrets for successful participants

1. Go to Brussels to solve a problem and not to look for money
2. Convince the evaluators
3. Focus on results, lead users and exploitation and dissemination
4. Find a good coordinator and manager
5. Networking, networking, networking
6. Respect the European documents and rules



Useful information

User profile at Euresearch

- www.euresearch.ch/login

Information on calls

- http://cordis.europa.eu/fp7/home_en.html

Become an expert

- <https://cordis.europa.eu/emmf7>

Project data base

- FP5-FP6: <http://cordis.europa.eu/search/index.cfm?dbname=proj>
- FP7: http://cordis.europa.eu/fp7/projects_en.html

Information events in NE, dates to be defined

- 30 October, 17h00, CSEM: IAPP and research for SME

Next year, dates to be defined:

- Marie Curie
- Ideas / ERC
- ICT (Information and communication technologies)
- Security

Or just contact: Rolf Klappert; 8 10 51; rolf.klappert@unine.ch

Useful information /2

Divers

SER offers CHF7'000 for **SME** participating the 1st time in FP7

Criteria: Evaluation of the proposal (= formal correct submission)

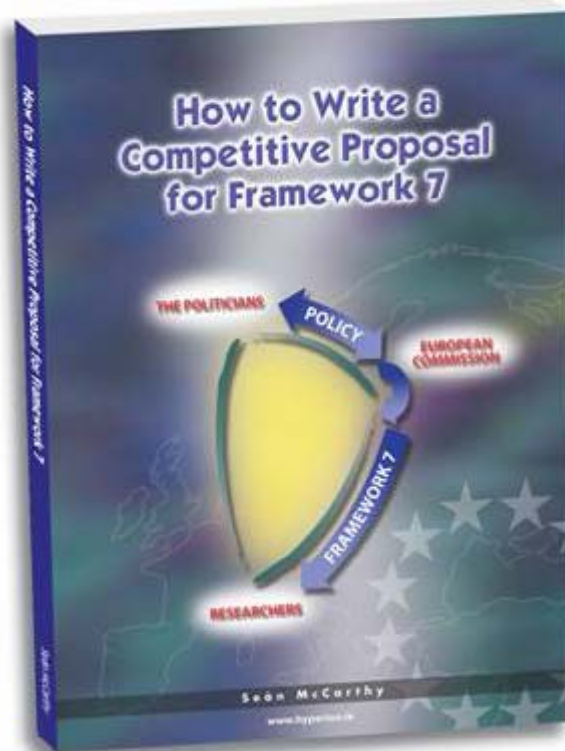
http://www.sbf.admin.ch/htm/dienstleistung/formulare/eu-programme/kmu-wegleitung2007_fr.pdf

SER offers CHF7'000 for **ALL** participating the 1st time in FP7 as coordinator

Criteria: Evaluation above threshold

http://www.sbf.admin.ch/htm/dienstleistung/formulare/eu-programme/FRP-wegleitung_projektkoordination-f.pdf

Thanks to Dr. Sean McCarthy



- Sean McCarthy's book and seminars helped me to prepare this presentation (www.hyperion.ie). The book is available in several UniNE libraries.
- Sean McCarthy gives seminars in Switzerland
- UniNE's Fonds européen de l'Université de Neuchâtel (FEUN) can reimburse the inscription fee for UniNE members

THANK YOU !

Intellectual property rights (IPR) /1

Definitions (properly defined in the MGA)

- **Foreground**
means the 'results' of the project

- **Background**
means the 'knowledge' existing prior to the project
 - How do you prove this?

Mandatory Intellectual property rights /2

	Access rights to background	Access rights to foreground	Timing (to request access rights)
For implementing the project	Yes, if needed to carry out work under the project		Until the end of the project
	Royalty-free, unless otherwise agreed before the accession to the MGA	Royalty free	
For use purpose (exploitation and further research)	Yes, if a participant needs them for using its own foreground		Until 1 year (unless otherwise agreed) after the end of the project or the termination of the participant concerned
	Either royalty-free, or on fair and reasonable conditions to be agreed		

Intellectual property rights /3

Important

- Background 'given' to the project and the relevant access rights **should be defined** in the consortium agreement **prior** to the accession to the contract
 - positive list
 - negative list

- Obligations because of EU contract related access rights might limit your 'freedom to operate' with your intellectual property