



Macro Analysis Overall Observations



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Overall observations



- **Active Players**

- Wide range of EU countries are engaged with BRIC countries
- UK, Germany, France.. biggest role
- Mediterranean well represented with Italy and Spain
- Eastern European countries are less represented with Poland being the most active. Less involvement from countries such as Slovenia, Slovakia, Czech Republic and the Baltic States.



- **Areas of cooperation**

- depend on BRIC countries own foreign policy & science and technology policies
- EU science and technology agreements, joint action plans, country strategy papers
- However, the source of funding plays a crucial role in developing areas of cooperation (donor-funder relation).
- If country specific data available: observe if individual countries develop niche areas of cooperation (diff. from EU)
- environment (an increasing requirement for EC grants) appear as a cross cutting theme, often pairing with other areas of cooperation eg ICT and other technological cooperation



- Sources of funding
 - Important Role of EC programmes
 - ✦ Given strong EC role, further research could look into whether termination of certain EC calls result in reduction of cooperation
 - Some EU member states have a strong presence in funding projects
 - ✦ Germany, France...
 - Strong correlation with forms of cooperation as well as duration of partnership (determined by the calls)



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Macro-analysis Working Session



**“EU-BRIC COUNTRIES HIGHER EDUCATION R&D
COOPERATION TRENDS”
DRAFT DOCUMENT**

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Aim of this presentation



- Objectives and purpose of this activity
 - Outputs against workplan
 - Share experiences
 - Summary of partner contributions received
- Proposed structure and contents of the document
 - Next steps

Objectives & Target



- study the ***higher education R&D trends*** between the EU and BRIC countries
- ***identify the main cooperation areas*** and its fluctuation based on EC and BRIC countries databases
- ***most important projects*** where IP and exploitation issues could have a crucial role will be later contacted to gain learning experiences from participants
- Handy document ***targeted*** at Higher Education Institutions, Researchers, Scientists of EU and BRIC countries interested in cooperation



- 2/12/2008 - 1/4/2009
- Input Person/days: 346
 - 45 days per Partner
- UA coordinate 2.1 & 2.2
- UNICAMP coordinate 2.3
- All partners participate

Outputs against Workplan



- **Analysis Guidelines Development**

- First draft guidelines: 11.12.08
- Deadline for comments: 18.12.08
- Several later comments and changes
- Final version: 13.01.09
- Additional excel sheet: 16.01.09

- **Data Collection**

- Deadline for data collection 02.03.09
- Last input received 18.03.09

- **Draft document**

- First draft 23.03.09



- No problems
- Minor delays but still in schedule
- Try to meet deadlines
 - So all of us can plan their time
 - Timely comments on guidelines avoid delays the data collection process
- Guidelines
 - Important to read well and keep in mind while filling in questionnaires and forms
 - not clear enough in some aspects
 - ✦ What was expected exactly from partners may not have been clear enough

Partner inputs

Partner	General & Sources	Excel (nr proj.)	Narrative	Questionnaires	Case Studies
UA		280 B 260 I		1 Brazil	
CU		89 P		2 China	2 Very detailed
UJ		78 P		3 Russia	
Unicamp		135 A			
LETI		35 P		2 Russia	
IITR		160 P		2 India	
KUST		96 China		1 China	

Status-quo of Outputs



	Brazil	Russia	India	China	
Priorities	✓	✓	✓	✓	Ok
Sources	✓	✓	✓	✓	Ok
Excel	135 A. 260 P.	32 89	160 308	98 89	Ok
Narrative	✓	✓	✓	✓	
Questionnaire	1	4	2 **	4**	?
Case Study	1 Institution			2 Projects	?

→How to organize this best for a good output?

→Some more input from BRIC partners on funding sources in their country?

Lessens learned




- Guidelines need to be more specific
- Interesting cultural aspects
- ask in case of doubt
- Always check you have the most recent analysis guidelines and questionnaires (Intranet!) before starting analysis
- Good response when asking for more input
- **THE RESULT IS FOR ALL OF US!**

Structure final document



I. Introduction (aim, methodology) 

II. Overview EU–BRIC cooperation 

III. Analysis by BRIC country 

IV. Case studies / Questionnaires 

Let's try to keep it short and interesting!!
It's not about quantity but about quality!

Structure final document

I. Introduction

- 1.1. Introduction
- 1.2. Methodology

II. Overview EU – BRIC country cooperation

- 1.3. General Trends
- 1.4. Most active players
- 1.5. Source of funding
- 1.6. Drivers of Cooperation and Agreements
 - Brazil, Russia, India, China
 - Agreements, Funding Programmes, Priority Areas

III. Analysis of Cooperation by BRIC country

- 1.7. Drivers of cooperation & Agreements (by country)
- 1.8. Most active players
 - countries,
 - institutions
- 1.9. Main scientific areas of cooperation
- 1.10. Sources of funding
- 1.11. Common forms and duration of cooperation

IV. Case studies / Questionnaires – discuss

Proposals for Next Steps



- Decide on most interesting information to include
- Balance information per country
- homogeneous representation of graphs?
- Include some questionnaires in little boxes next to the related countries information ?
- Include some general info on IP ?
-
- **LETS DISCUSS!**



THANKS FOR YOUR EFFORTS!

Together we can achieve truly interesting results!