



International dimension of FP7: process, instruments and trends

EU-INDIA S/T Cooperation Days, New Delhi, 4-6 November 2009

Robert Burmanjer
Head of Unit
DG Research

Specific International Cooperation Activities

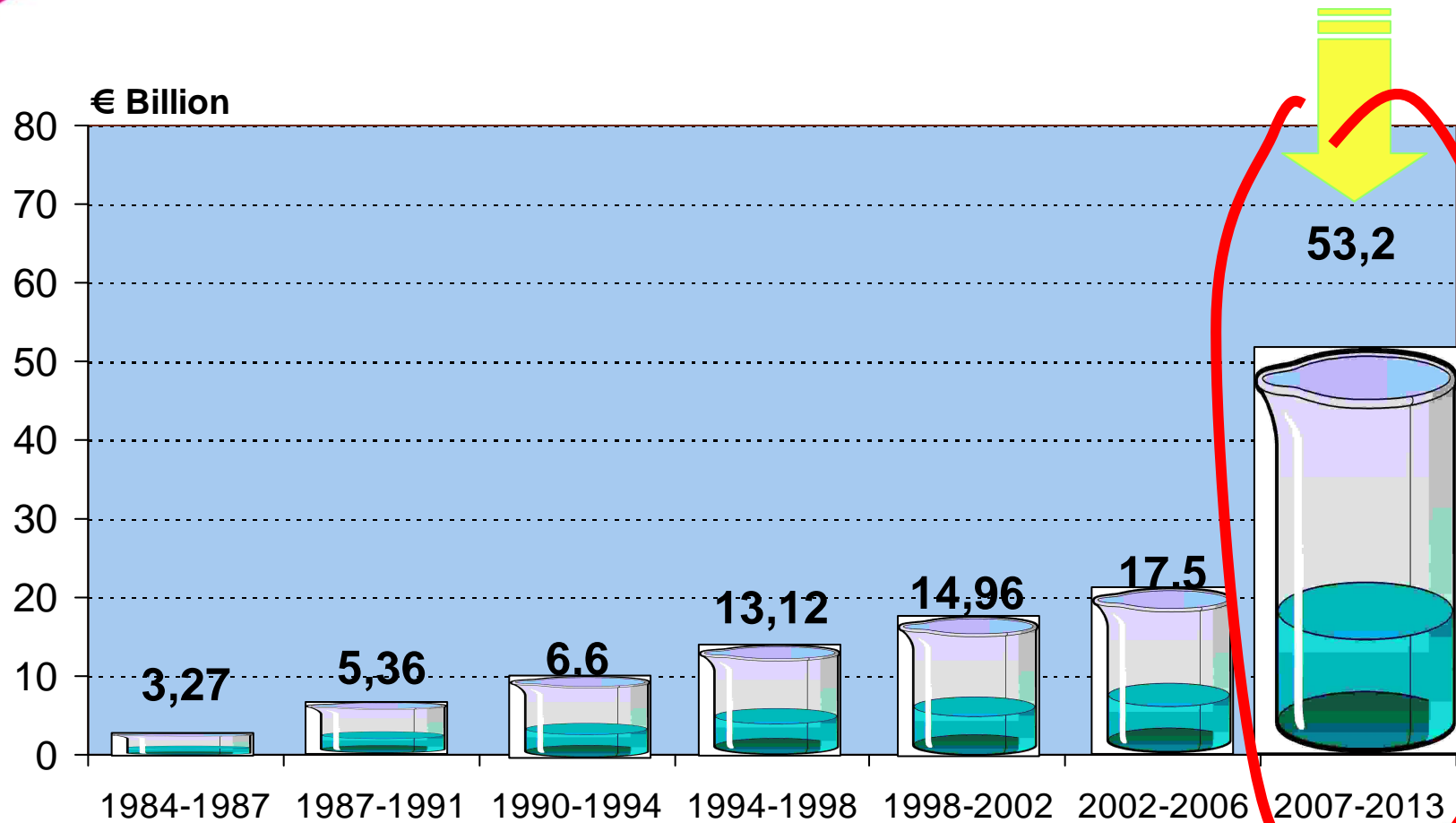




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EU Framework Programmes: Budgets





Cooperation – Collaborative research *

Collaborative research to tackle the 10 following areas

1. Food, agriculture and fisheries, and biotechnology
2. Information and communication technologies
3. Nanosciences, nanotechnologies, materials and new production technologies
4. Energy
5. Environment (including climate change)
6. Transport (including aeronautics)
7. Health
8. Socio-economic sciences and the humanities
9. Space
10. Security

** Open to ICPC nationals*

CAPACITIES



Process and instruments

- **Opening of the Research Framework Programme (FP-7)**
 - Participation of all third countries
 - Funding of ICPC countries (International Cooperation Partner Countries)
- **Two-pronged approach**
 - "Mainstream": Instruments for targeted cooperation
 - "Specific": INCO leveraging/supporting instruments
- **International agreements**
 - Association to the FP
 - S&T cooperation agreements





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Countries associated to FP7

- **European Economic Area : Norway, Iceland, Liechtenstein**
- **Switzerland**
- **Israel**
- **Turkey**
- **Albania, Bosnia & Herzegovina, Croatia, FYR Macedonia, Montenegro, Serbia**
- **Are “entitled”: all European Neighbourhood Policy countries**





S&T cooperation agreements

- **32 Agreements with 21 countries**
- **17 EC + 15 EURATOM**
- **EC: 5 industrialised & 12 emerging / developing**
 - 3 Mediterranean (Egypt, Morocco, Tunisia)
 - 2 Eastern Europe (Russia, Ukraine)
 - 1 Sub-Saharan Africa (South Africa)
 - 3 Asia (China, India, South Korea)
 - 2 North America (Canada, USA)
 - 4 Latin America (Argentina, Brazil, Chile, Mexico)
 - 2 Oceania (Australia, New Zealand)





Implementation of cooperation agreements

- **Regular meetings**
 - S&T policy dialogue
 - identification of areas/topics of common interest
- **Joint prioritization**
 - Implementing arrangements / MOU
 - Roadmaps of future joint/coordinated activities
- **Definition of activities in FP7 work programmes**
 - instruments for targeted international cooperation
 - INCO leveraging/supporting instruments



Instruments for targeted international cooperation

- **Targeted opening**
 - **Specific International Co-operation Activities (SICA)**
 - **Coordinated calls**
 - **Twinning**
- +
- **International Mobility and Exchange schemes (fellowships, IRSES, etc.)**





Targeted international cooperation in FP7

	WP '07	WP '08	WP '09	Total
Targeted opening	73	53	56	182
SICA	27	35	40	102
Coordinated calls	/	5	9	14
Twinning	/	1	1	2
Total	100	94	106	300





Third countries' own resources

- **Co-funding**

- Coordinated calls (Russia, India, China, USA, Brazil, Mexico)
- Twinning (USA, Canada, Australia, New Zealand, Argentina, Brazil, Mexico, Egypt)

- **Matching funds**

- South Korea, Japan, Australia, New Zealand, Canada?

- **Reciprocity**

- Participation: as per agreements
- Funding: on a case by case, eg USA (Health)

*





Support through instruments in FP7 CAPACITIES SP

- **Priority setting, targeting, regional dialogues**
 - INCONETs
- **Awareness raising, brokerage, participation**
 - BILATs
- **Partnership with/amongst Member States**
 - ERANETs
 - INCONETs
 - BILATs
- **Reciprocity**
 - ACCESS4EU





INCO instruments

● **INCONETs**

- Bring together stakeholders of one target region with the EU
- Support a bi-regional dialogue to map research needs, and identify S&T priorities of common interest & mutual benefit
- Implement specific activities to promote the participation of the target region in FP7





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CAPACITIES - International Cooperation ERA-NET - Objectives

Coordination of national policies and activities on international S&T cooperation (ERA-NET):

Objective:

To increase the cooperation and coordination of research programmes carried out at national or regional level in the Member States and Associated Countries and which target one third country or several third countries in a given region





CAPACITIES - International Cooperation ERA-NET - Activities

ERA-NET actions can network **four types of activities**:

1. **Information exchange** amongst Member States, Associated Countries and Community on S&T international cooperation, thus promoting an effective and efficient international scientific cooperation strategy at EU level;
2. **Definition and preparation** of joint activities;
3. **Implementation** of commonly agreed objectives and **joint activities** by facilitating innovative programmatic approaches;
4. **Funding of joint trans-national research actions.**





● **BILATs**

- ➔ Strengthen the cooperation partnership between the EU and countries which have an S&T cooperation agreement with the EC or are in the process of negotiating one by:
 - ◆ providing information on programmes and funding in order to promote participation in FP
 - ◆ developing national information platforms
 - ◆ reinforcing promotion & awareness-raising activities
 - ◆ assisting the creation of research partnerships





● ACCESS4EU

- ➔ Increase awareness in the MS and AC of opportunities for European researchers / organisations to participate in national R&I innovation programmes managed by Third Countries
 - ◆ mapping access opportunities in the target country and disseminating information in EU MS and AC
 - ◆ monitoring the participation of researchers from MS/AC to R&I programmes of the target country
 - ◆ making recommendations to ensure funding reciprocity from the target country





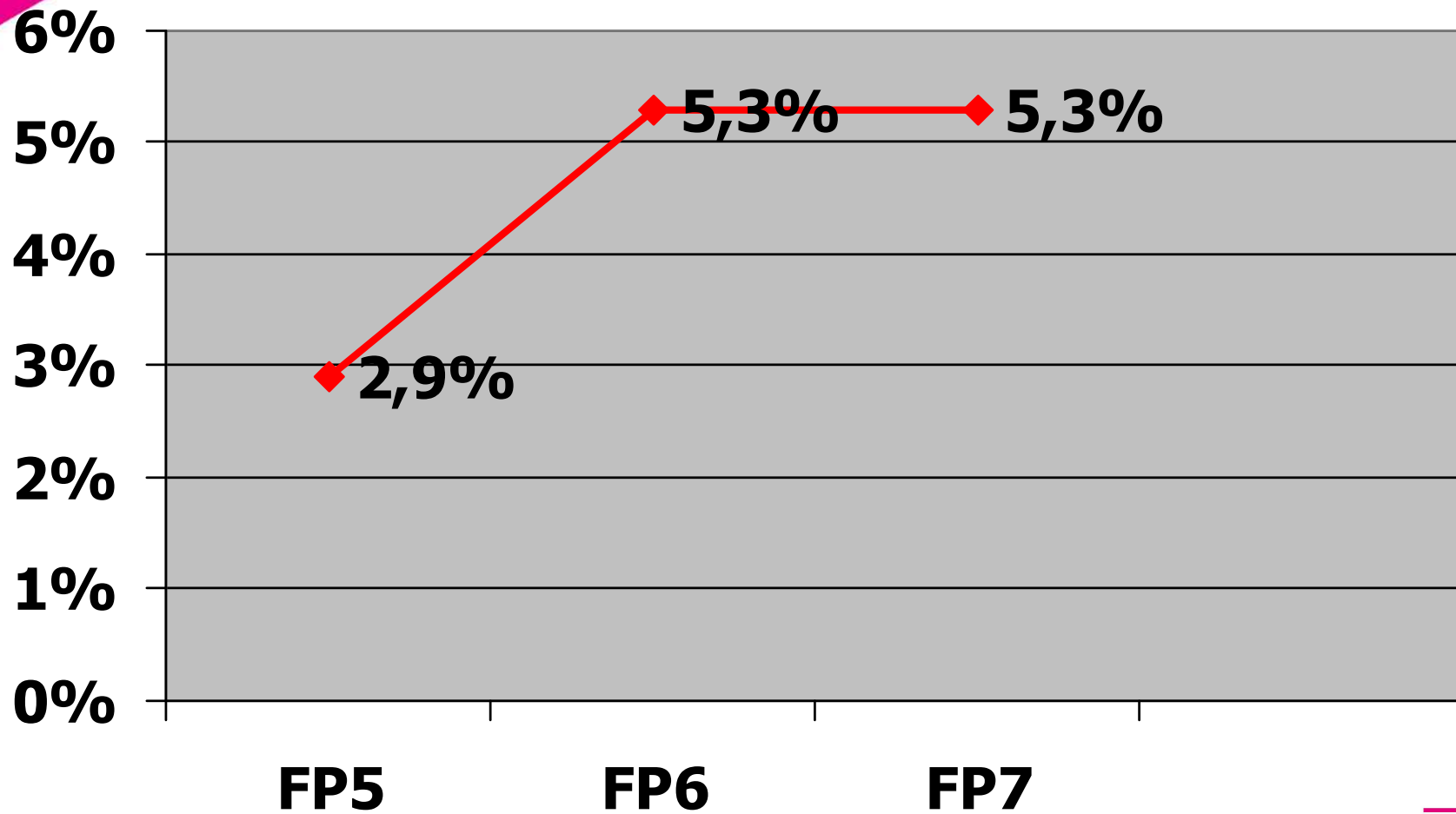
Trends: Third Countries participants in FP7 2007/08

- **in proposals submitted** **8553** = **5,4%**
- **in projects selected** **1540** = **5,3%**
- **Success rate** = **18,4%**
- **Funding** **167 M€** = **1,7%**
- **Main thematic areas: HEALTH, ENV, FAB, ICT**





Trends: Third country participants in FP projects

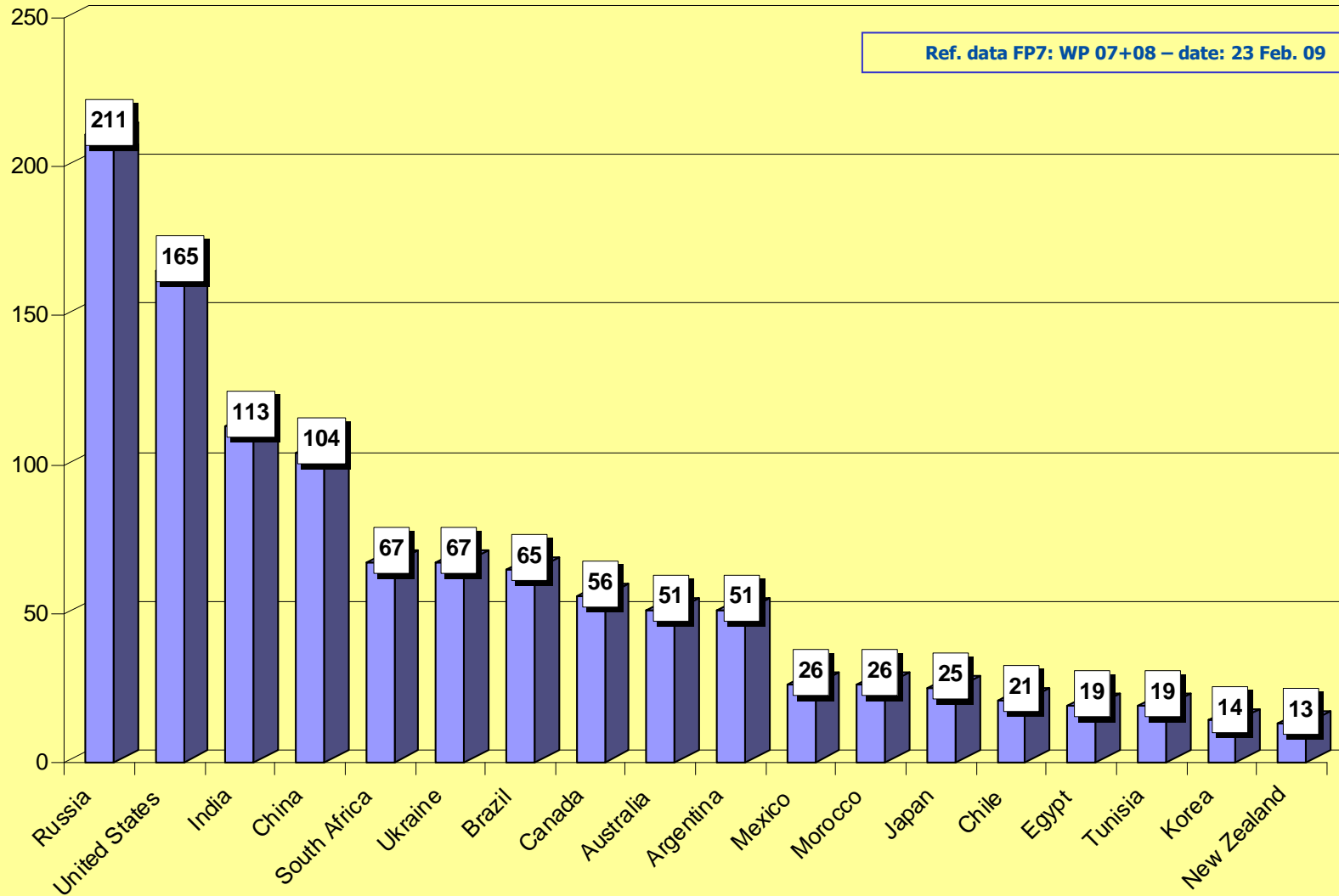


◆ % of total participation





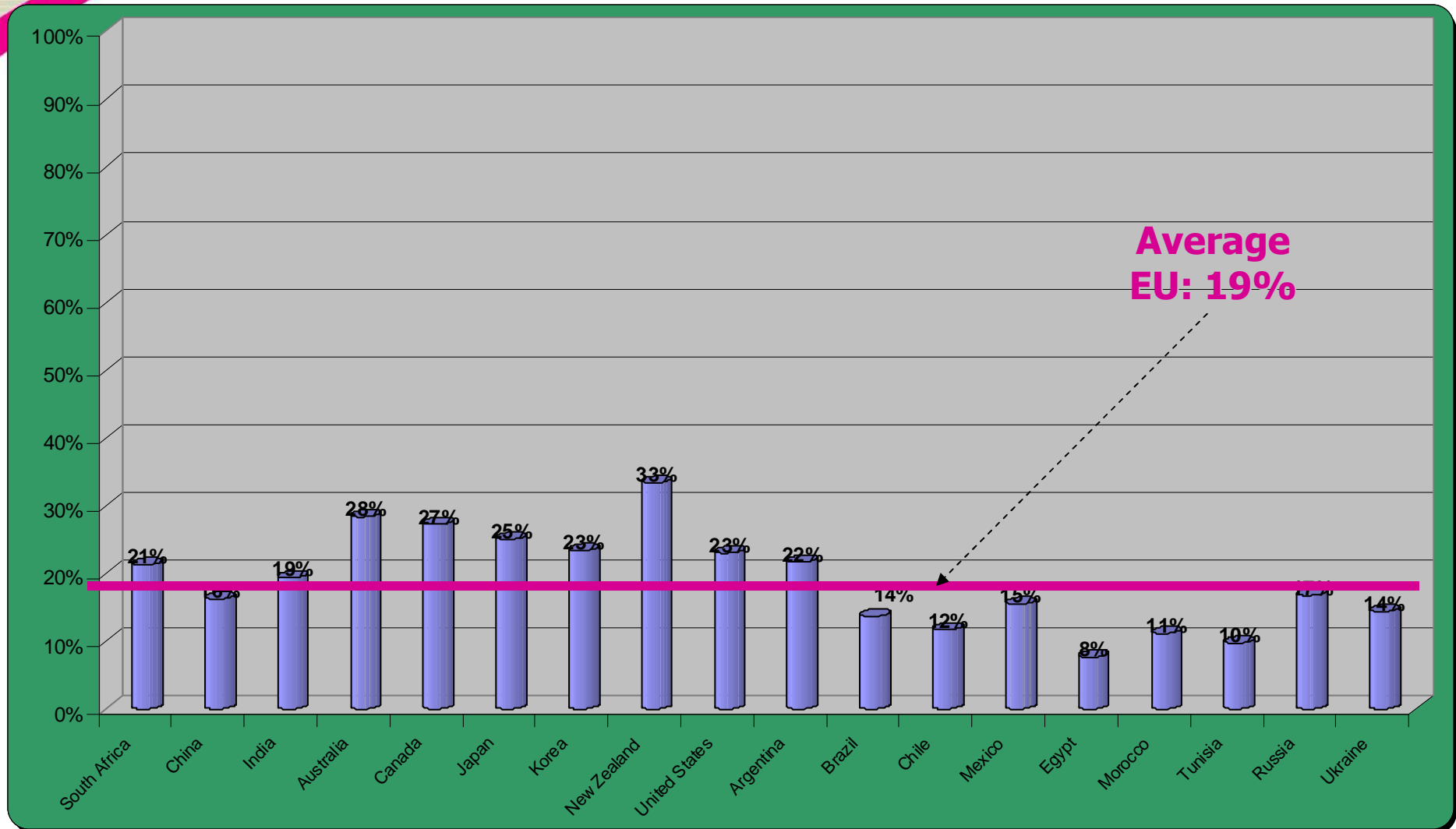
Trends: Participation of third countries in FP7





Third Countries Success Rate (FP7/ Cooperation SP)

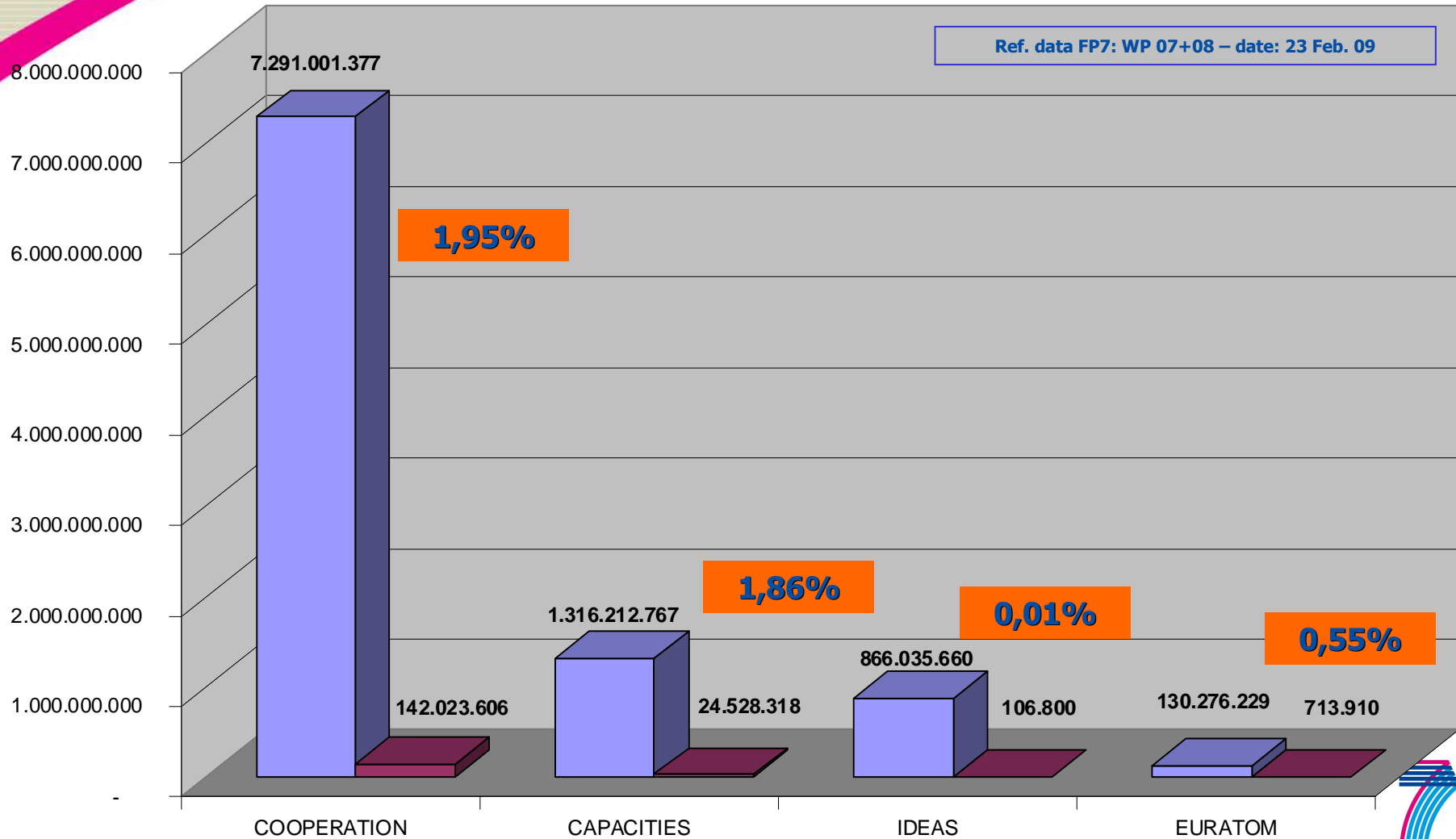
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FP7 EC Financial contribution

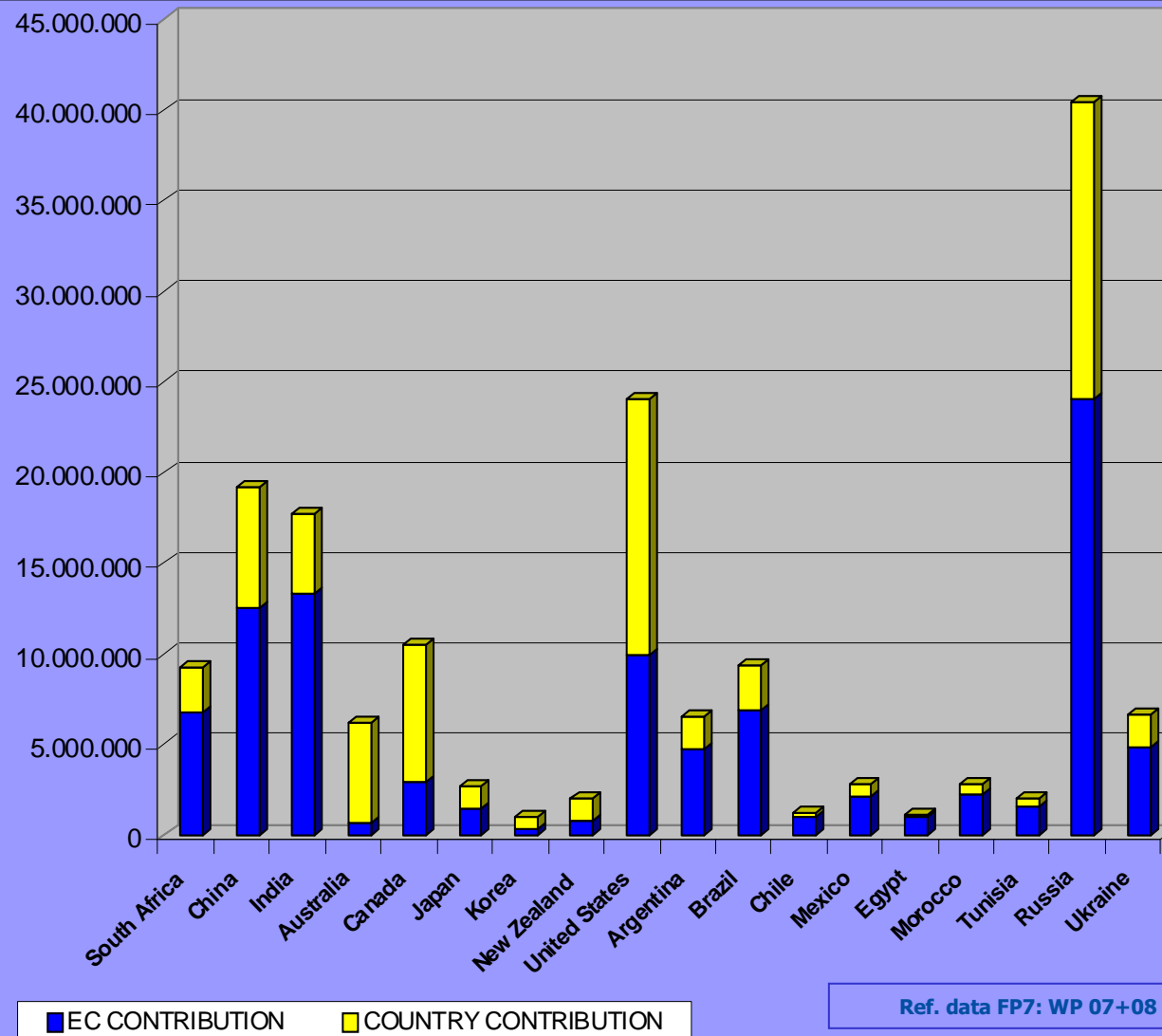
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■ EU/AC ■ Third countries



FP7/ Cooperation SP EC financial Contribution



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Thank you for your attention!

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<http://ec.europa.eu/research/iscp>

