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EU-Egypt Relations on S&T Funding Opportunities and Programmes



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Outline

- **S&T Relations between EU and Egypt**
 - EU-Egypt Under the European Neighborhood Policy
 - S&T Cooperation Agreement
- **The FP7 Framework Programme for RTD- Opportunities for scientists in Egypt**





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S&T Relations between the EU and Egypt





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EU COUNTRIES

Growing big! 27 EU Member States

Belgium, Czech Republic,
Denmark, Estonia, Finland,
France, Germany, Greece,
Italy, Ireland, Cyprus,
Latvia, Lithuania,
Luxembourg, Hungary,
Malta, Netherlands,
Austria, Poland, Portugal,
Spain, Sweden, Slovakia,
Slovenia, United Kingdom,
Romania, Bulgaria

Candidates: Croatia, Turkey

ENP: Algeria, Armenia,
Azerbaijan, Belarus, Egypte,
Georgia, Israel, Jordan,
Lebanon, Libya, Moldova,
Morocco, Palestinian Authority,
Syria, Tunisia, Ukraine





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EU-Egypt Under the European Neighbourhood Policy

- Common values and interests
- Deeper political, economic, social, **education, scientific** and cultural cooperation
- EGYPT Action Plan: Signed on 6th of March 2007





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Action Plan: Science, Research and Technological Development

1. Accelerate Egypt's integration into the **European Research Area**
2. Develop scientific and technological capacity for SMEs
3. Integration of Egypt into high-level exchanges





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S&T Cooperation Agreement between the EU and Egypt

- Signed on 21 June 2005
- Implementation started 2006:
 - Action Plan 2006-2007 adopted:
 - EU and Egypt actions
 - Priority areas for cooperation





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Priority areas for S&T collaboration

- **Health**
- **Agriculture, Food, Biotechnology**
- **Nanosciences, Nanotechnologies, Materials, and Production Technologies**
- **Information and Communication Technologies**
- **Energy**
- **Environment (water)**
- **Transport**
- **Socio-economics and humanities**
- **Security and space**





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Preparing for Egypt participation in the seventh Framework Programme (FP7)

- Participation in Calls for proposals
- Egyptian experts participating in FP7 evaluation panels
- Fellowships applications (mobility)
- Promotion of SME's participation and industrial activities within FP7





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Framework Programmes





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FP is the Financial Instrument for the EU Research Strategy

- A defined budget for a defined number of years and a set of priorities for Scientific Research
- A set of Strategies and tools to implement them





Framework Programme: The story so far ..



- 1984: First** Framework Programme (1984-1987)
- 1987: Second** Framework Programme (1987-1991)
- 1990: Third** Framework Programme (1990-1994)
- 1994: Fourth** Framework Programme (1994-1998)
- 1998: Fifth** Framework Programme (1998-2002)
- 2002: Sixth** Framework Programme (2002-2006)
- 2007: Seventh** Framework Programme (2007-2013)





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Egyptian Participation in FP6

In **69** projects with **88** partners, total EC contribution = **€ 6,306,939**

Area	No of projects	EC Contribution to Egyptian partners in Euro /area
AFB	11	738,030.66
Water	31	1,166,271.00
ICT	5	492,422.00
Energy	9	1,014,440.00
Health	5	394,517.60
Infrastructure	1	84,750.00
Culture (Heritage)	16	2,096,791.41
Environment	3	152,150.00
Capacities	3	82,982.00
Transport	1	28,500.00
SusDev	1	56,085.00



Egyptian Participation in **69** FP6 projects

Total EC contribution to Egyptian Partners = **6,4 €**

University Participation in FP6			
University	Projects/Faculty	Priority Area	EC contribution €
Ains Shams University	1. Moniqa /Faculty of Agriculture	Food	937.66 ,224
	2.Powersol /Faculty of Science	INCO - Energy	99,605.00
	3.ECHINONET	INCO	32,682.00
	4. Patine du Desert	INCO-Culture	25,000.00
	5.X3-Noise		
Menufeya University	RABMEDCONTROL /Faculty of Vet. Med.	INCO	128,430.00
Tanta University	GRAIN LEGUMESTTC /Faculty of Agriculture		
Cairo University	1. EU-MED AGPOL	Policy-orientated research	34,560.00
	2.ITHANET /Fac. of Econ. & Pol. Sc.	Research & Infra - Health	30,000.00
	3. MEDGENET	INCO	10,216.60
	4. WIND CHIME	INCO	90,000.00
	5.OPERHA	INCO	129,820.00
	6.GO-EUROMED /Fac. of Econ. & Pol. Sc.	CITIZENS	65,280.00
	7. PAPERTECH	INCO	78,400.00
Alexandria Univeristy	1.ECOOP	SUSTDEV	25,000.00
	2. HYRESS	INCO	234,960.00
	3.TERMISOL	INCO	119,058.00
Suez Canal University	1. Powersol /Faculty of Pet. & Min. Eng .	INCO - Energy	41,424.00
	2. INNOVA-MED	INCO	30,816.00
German University	ACCESS-EGOV	IST	238,800.00

7

20

€ 1,414,051.60



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FP 7

Basic Principles

- FP7 IS NOT AN DONATION OR COOPERATION PROGRAMME FOR EGYPT.**
- FP7 IS AN EU PROGRAMME OPEN TO INTERNATIONAL SCIENTIFIC COOPERATION , INCLUDING EGYPT**
- PARTNERS FROM EGYPT ARE ELIGIBLE FOR PARTICIPATION AND FUNDING UNDER FP7 ACTIVITIES**





Community research

FP 7

Basic Principles

- **Calls for proposals published web**
- **Electronic submission**
- **Partnership** in joint research projects: minimum 3 partners from different EU countries (or associated to FP7) like in TEMPUS
- **Individual only fellowships** (Peoples programme) or **Frontier research**





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Evaluation Criteria

Three main criteria:

- **S&T Quality** (Relevant to the topic of the call)
 - Concept, objective, work-plan
- **Implementation**
 - Individual participants and consortium as whole
 - Allocation of resources
 - Minimum number of eligible, independent partners
- **Impact**
 - Contribution to expected impacts listed in work programme
 - Plans for dissemination/exploitation





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International cooperation: Third countries

1- Associated countries (e.g. Norway, Switzerland, Island, Israel)

- ▶ Same prerogatives as Member States (EU-27 countries)

2- International Cooperation Partner Countries (**ICPC**):

- **Countries neighbouring the EU** (Mediterranean Partner Countries (MPC), Western Balkans, Eastern European and Central Asian Countries)
- **Developing countries** (ACP, ASIA, Latin America)
- **Emerging economies** (e.g. China, India, Brazil, Russia, South Africa)

- ▶ Funded

3- Industrialised countries (USA, Canada, Japan, Australia....)

- ▶ Funded only exceptionally

EGYPT: ICPC, MPC, Neighbouring countries, countries with S&T agreement, Africa





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WHO CAN PARTICIPATE?

- Researchers (university, research centers, etc)
- Private sector, industry
- NGOs

LEGAL ENTITIES





FP7 (2007-2013): The Structure

Cooperation - Collaborative research

Ideas - Frontier Research

People - Marie Curie Actions

Capacities - Research Capacity

+

JRC non-nuclear research

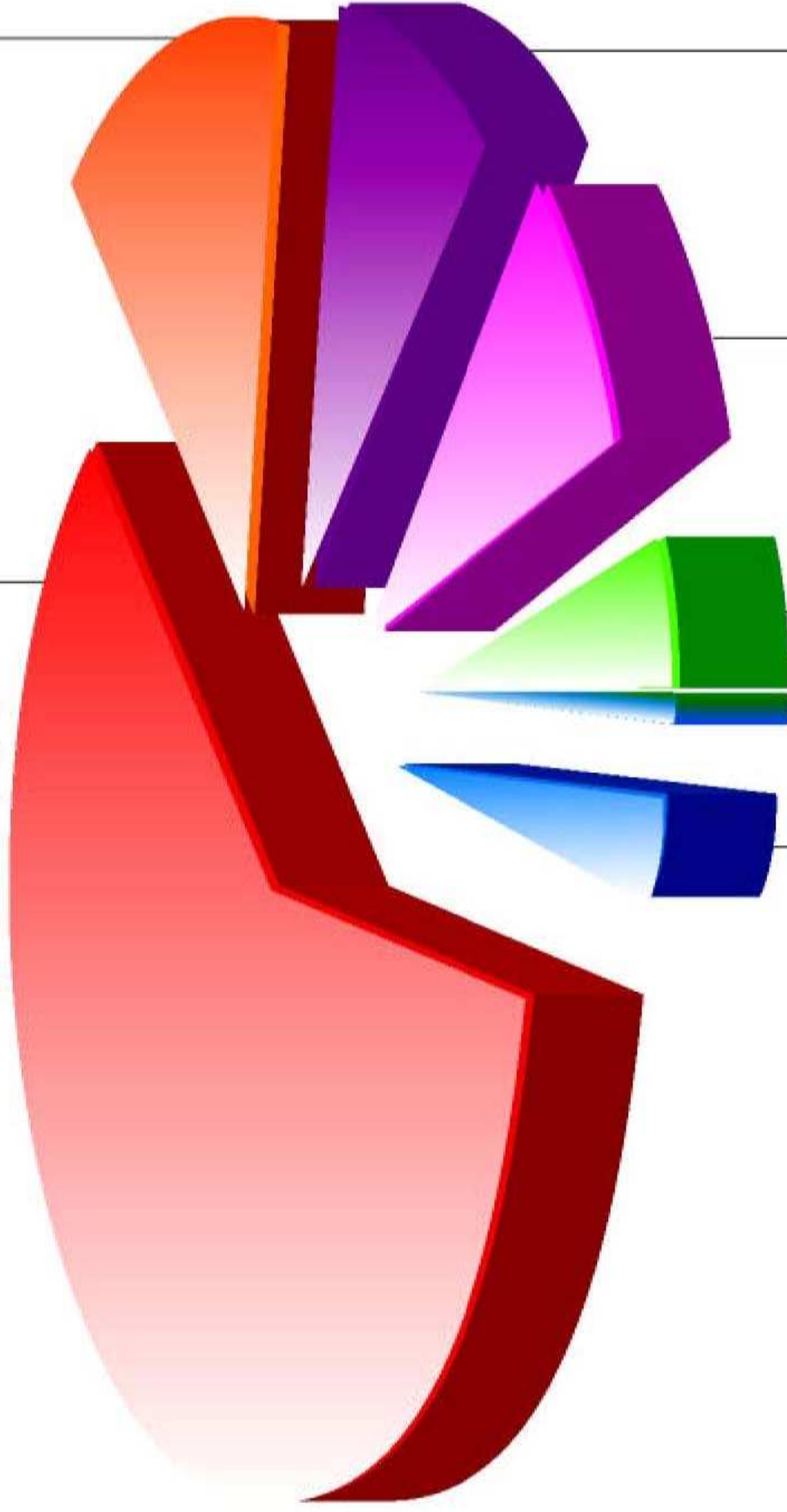
Euratom direct actions - JRC nuclear research

Euratom indirect actions - nuclear fusion and fission research



Ideas: €7460

Cooperation €32 365



JRC: €1751

Euratom: €2751

Capacities: €4217

People: €4728



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FP7 | Cooperation

- ① **Health;**
- ② **Food, Agriculture and Biotechnology;**
- ③ **Information and Communication Technologies;**
- ④ **Nano-sciences, Nano-technologies, Materials and new Production Technologies;**
- ⑤ **Energy;**
- ⑥ **Environment (including Climate Change);**
- ⑦ **Transport (including Aeronautics);**
- ⑧ **Socio-economic Sciences and Humanities;**
- ⑨ **Space;**
- ⑩ **Security.**





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FP7 | Ideas

ERC Grants Principles

Excellence is the only valid criterion: FRONTIER RESEARCH

- Investment in research talent
- **“PI” of any nationality**
- **The hosting institution must be located in Europe**
- **Independent individual teams in Europe**
- Applications in response to calls for proposals
- budget ~ **€1 billion per year** (2007-2013 ~ €7.46 billion)

Areas

1. Physical Sciences, Engineering Sciences, Universe and Earth Sciences
2. Biological and Life Sciences
3. Social Sciences and Humanities





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FP7 | People

For European Researchers

- Outgoing fellowships with mandatory return/integration of European researchers abroad

For 3rd Country Researchers

- Host-Driven actions for 3rd country researchers
 - Incoming individual fellowships, with return mechanism to the country of origin
 - Scientific “Diaspora” of Europeans abroad and foreigners in Europe
 - **Partnership scheme among Institutions:** new scheme under preparation (calls 2008) for Neighbourhood countries or countries who have S&T agreements (e.g. EGYPT)
-
- FOR BOTH
 - **Initial training of researchers**
 - Marie Curie Networks





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FP7 | People

Young researchers -Initial training networks

- **IT Networks: Research training organisations (3 partners different EU countries + other non EU countries) Calls**
- **Funded networks will publish positions for early researchers, including non EU countries (ERACAREARS)**
 - **Early training of researchers (5 years or full time equivalent)**
 - **3-36 months**
- **Focus:**
Improving young researchers' career perspectives in both public and private sector through:
 - Joint training through research on individual, personalised projects
 - Complementary skills acquisition: entrepreneurship, project management, IPR, grant writing, communication





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Information

- **Mobility (Fellowships)**

<http://europa.eu.int/mariecurie-actions>

- **ERA-MORE: European Network of Mobility Centers**

<http://europa.eu.int/eracareers/era-more>

- **Eracareers: the European Researchers' Mobility Portal**

<http://ec.europa.eu.eracareers>





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FP7 | Capacities

- **Research infrastructures**
- **Research for the benefit of SMEs**
- **Science in Society**
- **Activities of International Cooperation**





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FP7 Calls for Proposals

1st Call

First Calls for Proposals published in 22nd December 2006.

47 calls published - Deadlines started in April 2007, depending on SP

2nd Call

Second calls for proposals' publication dates and deadlines shall be announced according to dates specified in WP





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How to optimise FP7 opportunities in EGYPT?

- **Network of focal points in Egypt launched December 2006**
 - Public and private universities
 - Research institutes
 - Industry
 - Ministries (MOHESR, MCIT)
- **Translate the experience of TEMPUS in Egypt** (EU partnership and international collaboration, cooperation culture, etc)





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Information

EC

Community Research and Development Information Service

(all about EU research and innovation)

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

EC Delegation In Egypt- Website Science and Technology Section

http://www.delegy.ec.europa.eu/en/EU_EGYPT_Cooperation/History.asp

including information about FP6 Projects

