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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



# 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





# 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 6<sup>th</sup> of March 2007



# 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



# 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



# 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**



# 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





# 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)



# 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

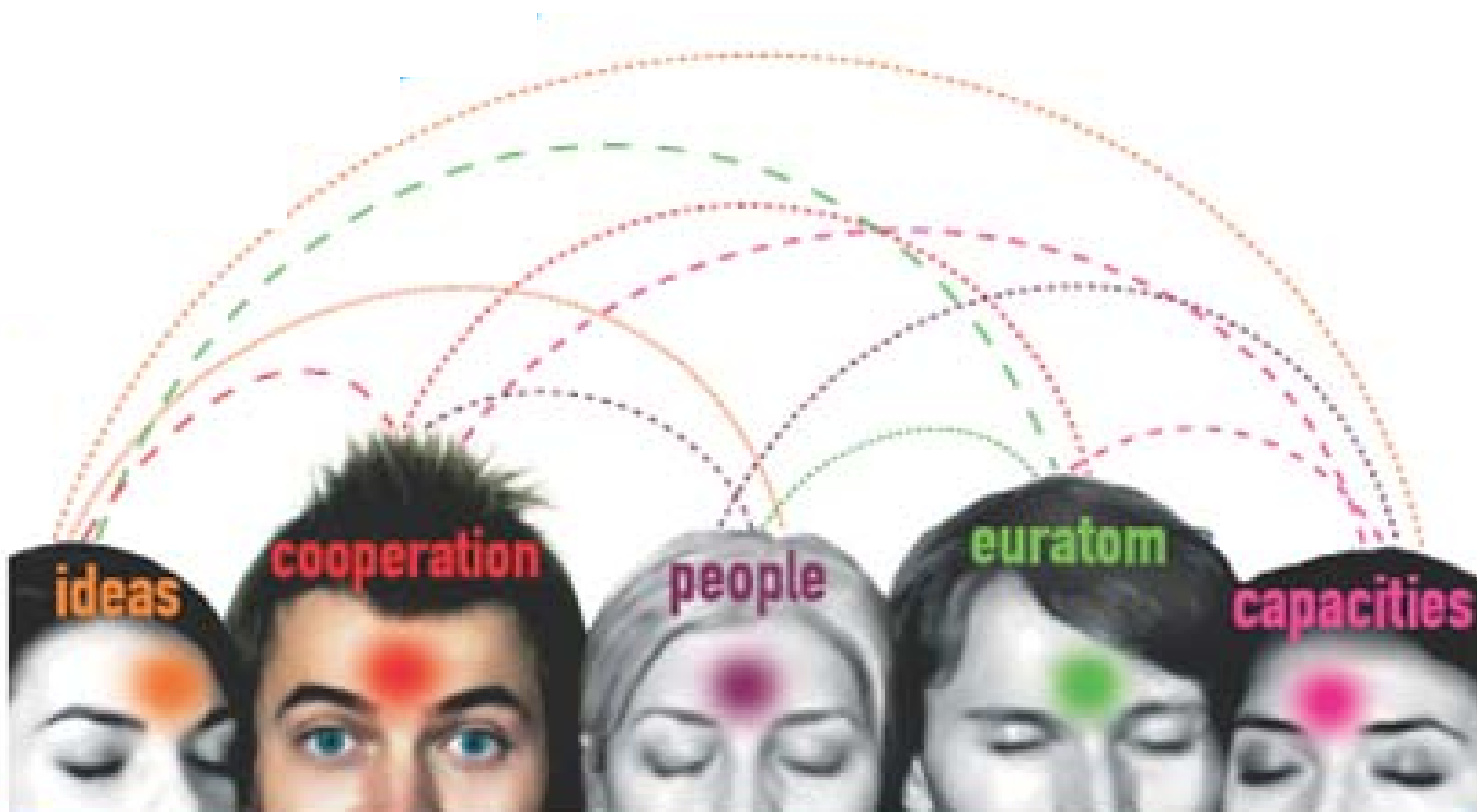
# Egyptian Participation in **69** FP6 projects

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

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



# EU-Funded Research



FP7...

Tomorrow's answers start today



# 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**
- PARNERS FROM EGYPT ARE ELIGIBLE FOR PARTICIPATION AND FUNDING UNDER FP7 ACTIVITIES**



## 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**



# 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



# 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**



# 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

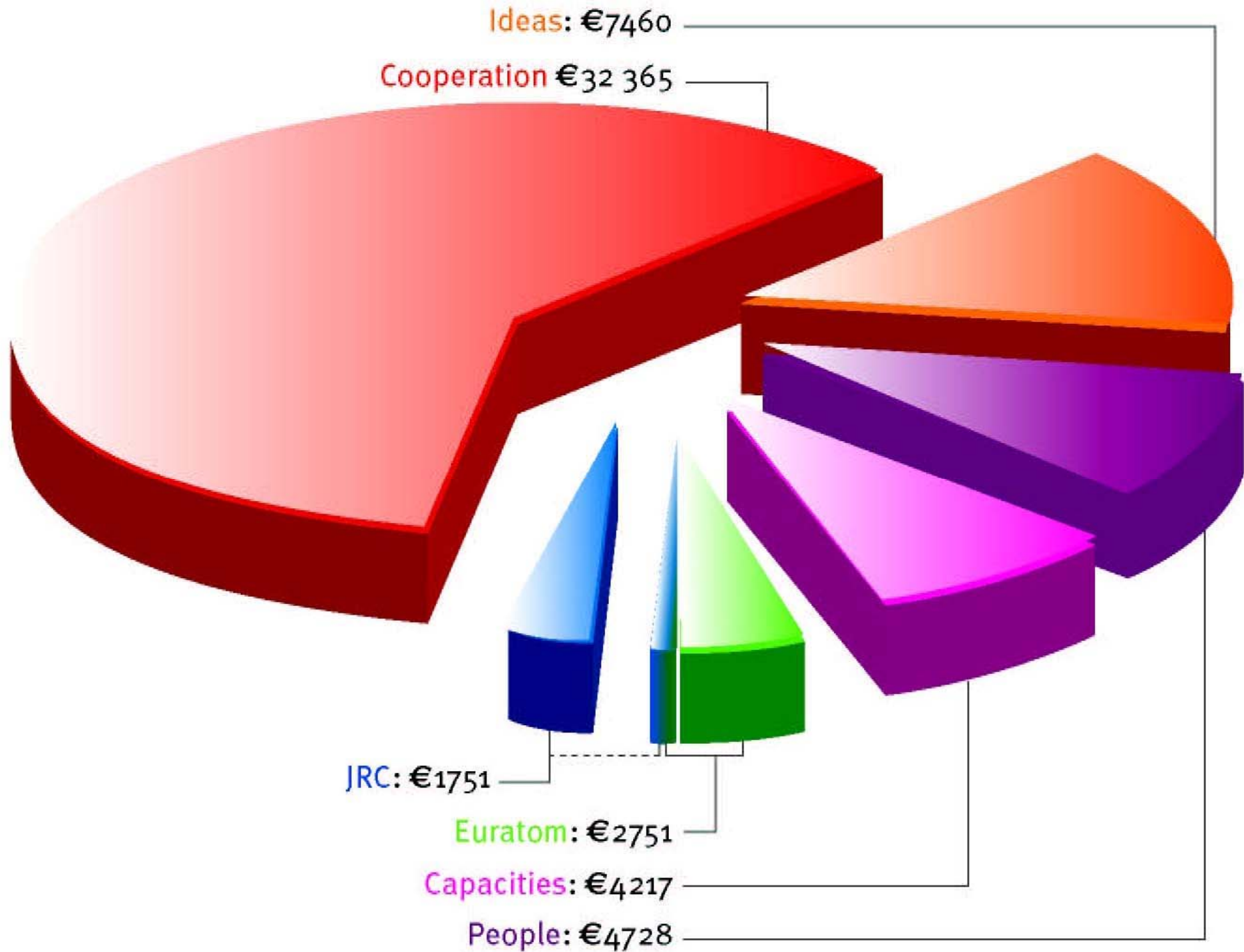
**Capacities** - Research Capacity

+

JRC non-nuclear research

**Euratom** direct actions - JRC nuclear research

**Euratom** indirect actions - nuclear fusion and fission research





# Tackling major research themes, together

Cooperation  
Budget: €32 billion



# 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.**



# Putting bright ideas to work for Europe!

Ideas

Budget: €7.4 billion



# 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



# Want a scientific career in Europe?

People  
Budget: €4.7 billion



# FP7 | People

## For European Researchers

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

## For 3<sup>rd</sup> Country Researchers

- Host-Driven actions for 3<sup>rd</sup> 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

# 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



# Information

- **Mobility (Fellowships)**

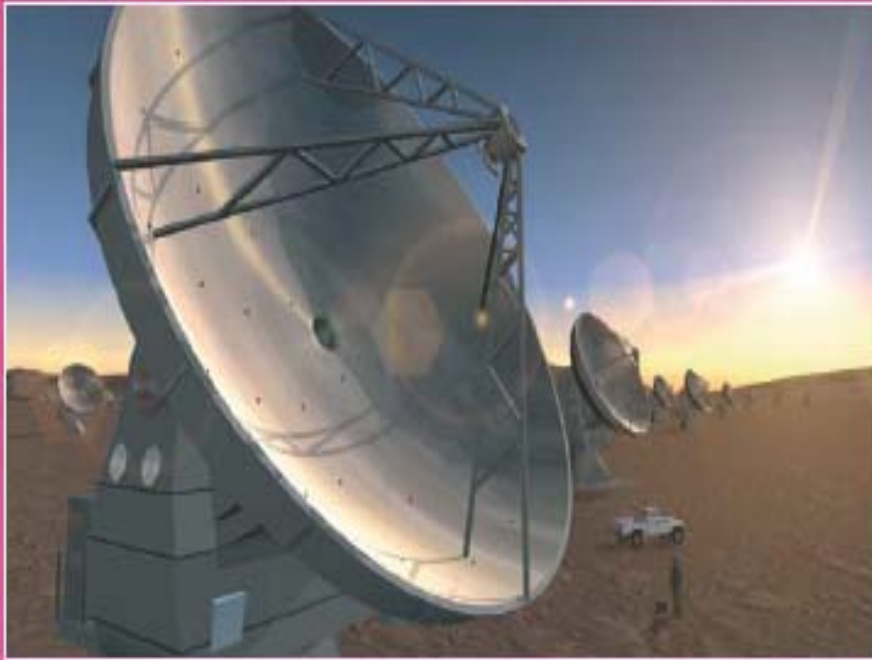
<http://europa.eu.int/mariecurie-actions>

- **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>



# Top facilities for top scientists

Capacities  
Budget: €4.2 billion



# FP7 | Capacities

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



# FP7 Calls for Proposals

## 1st Call

First Calls for Proposals published in 22<sup>nd</sup>  
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



# 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)



# Information

**EC**

## **Community Research and Development Information Service**

(all about EU research and innovation)

[http://cordis.europa.eu/fp7/home\\_en.html](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](http://www.delegy.ec.europa.eu/en/EU_EGYPT_Cooperation/History.asp)

**including information about FP6 Projects**