



**TÜBİTAK**

**EU 7th Framework Programme  
“General Introduction”**



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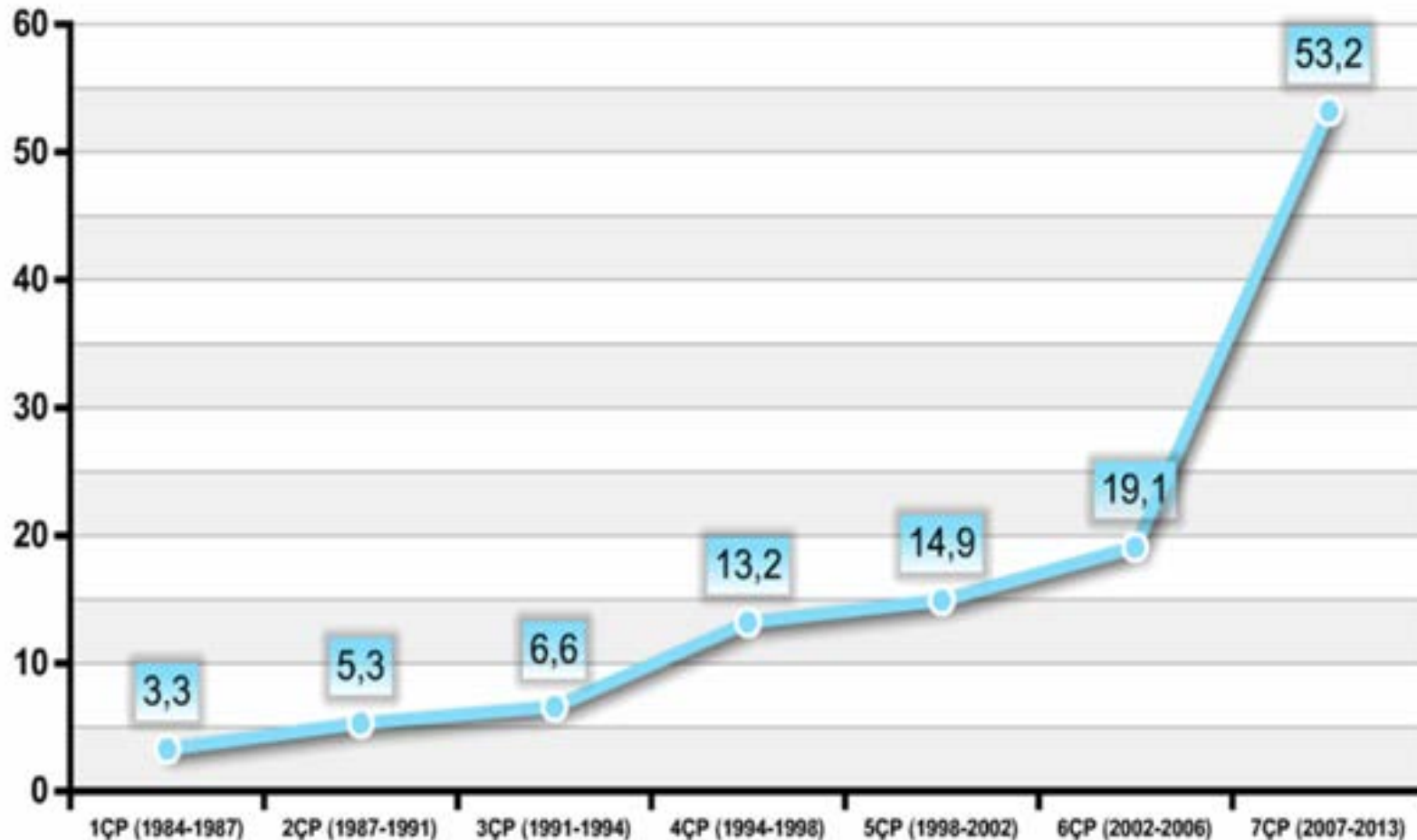
# What does FP7 stand for?

- The current FP7 is short for:  
**Seventh Framework Programme for Research and Technological Development and Demonstration**
  - It is:
    - a **policy planning tool** for research and technological development at EU level that gathers **all research-related EU initiatives together** under a common roof
    - **the main financial instrument** to build the European Research Area, and to investment in knowledge, innovation and human capital in order to increase the potential for economic growth and to strengthen European competitiveness.
- > and it is the 7<sup>th</sup> FP main instrument for funding research**

# Evolution of EU Research Framework Programmes

EU Framework programmes have been implemented since 1984 and are the main financial tools through which the EU supports R&D activities covering almost all scientific disciplines.

Million €



# 7th Framework Programme (FP7)

7 year programme (2007 -2013)

with a budget of €53,2 billion

- FP7 is designed to achieve ...
  - the Lisbon and Barcelona objectives,
  - to implement the ERA and
  - to complement activities in Member States
- FP7 has **two major strategic objectives**:
  - Strengthening the scientific and technological base of the European industry, and
  - Encouraging its international competitiveness through research that supports EU policies.
- Complementarity with other EC programmes:
  - Competitiveness and Innovation
  - Education and Training
  - Structural Funds

# Why research at European level?

- **Pooling and leveraging resources**
  - Resources are pooled to achieve critical mass
  - Leverage effect on private investments
  - Interoperability and complementarity of big science
- **Fostering human capacity and excellence in S&T**
  - Stimulate training and international mobility of researchers
  - Improve S&T capabilities
  - Stimulate competition in research
- **Better integration of European R&D**
  - Create scientific base for pan-European policy challenges
  - Encourage coordination of national policies
  - Effective comparative research at EU-level
  - Efficient dissemination of research results

# FP7 (2007–2013)

*Cooperation – Collaborative research*

*Ideas – Frontier Research*

*Marie Curie Actions– Human Potential*

*Capacities – Research Capacity*



+

*JRC (non-nuclear)*

*JRC (nuclear)*

*Euratom*

# The 4 pillars reflecting the FP7 objectives

## Cooperation

1. Health

2. Food, Agriculture,  
Fisheries, Biotechnology

3. ICT

4. Nano, Materials and  
Production Technologies

5. Energy

6. Environment (incl.  
Climate Change)

7. Transport (incl.  
Aeronautics)

8. Socio-Economic  
Sciences & Humanities

9. Space

10. Security

## Ideas

European Research  
Council

Starting Grant

Advanced Grant

## People

Marie Curie Fellowships

Initial Training of  
Researchers

Life-long Training and  
Career Development

Industry-Academia  
Partnerships & Pathways

International Dimension

Specific Actions

## Capacities

Research Infrastructures

Research for the benefits  
of SMEs

Regions of Knowledge

Research Potential

Science in Society

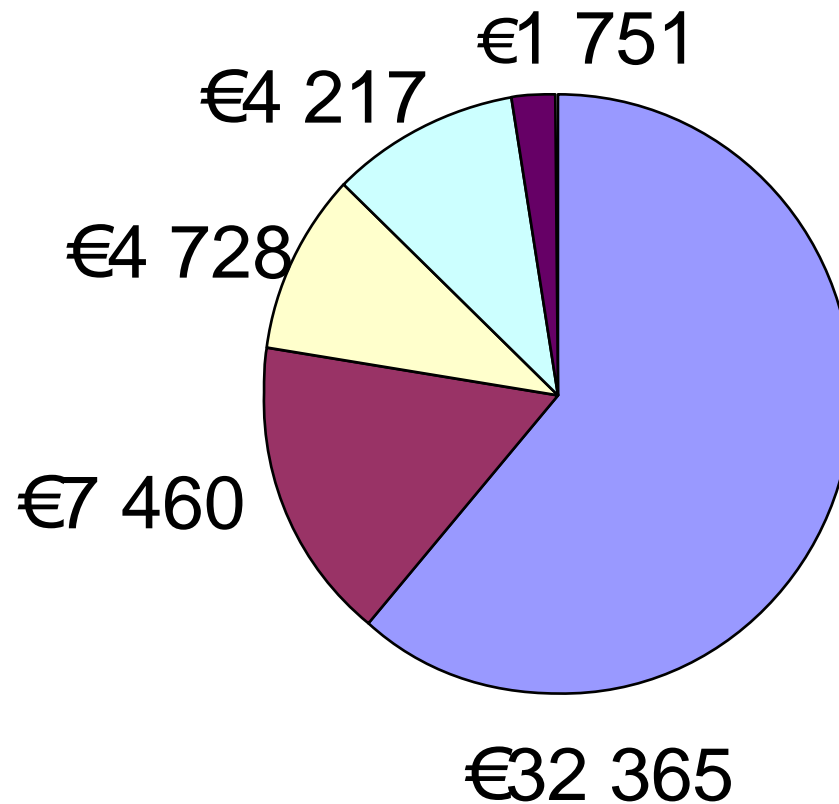
Coherent development of  
research policies

International Cooperation

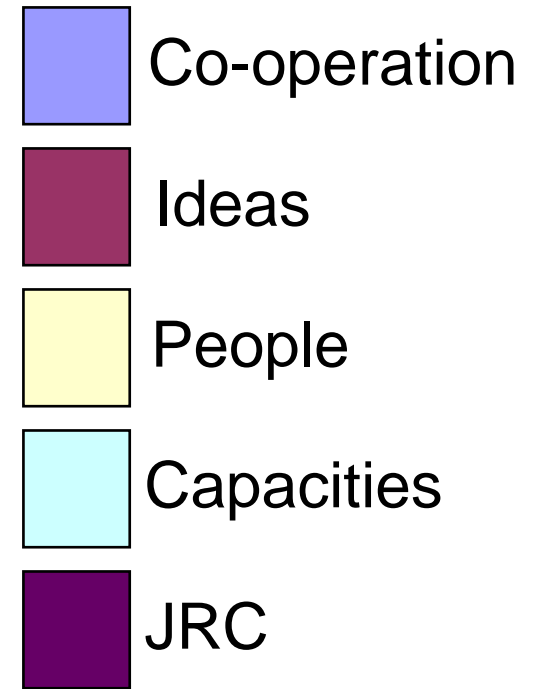
Euratom – nuclear research  
(fusion and fission)

JRC – S&T reference  
center for non nuclear research

# Budget Split 2007-2013



Values in  
€ Millions



# Eligible Countries

- **EU-27 Member States**

- **EU-FP7 Associated Countries**

**Turkey**, Switzerland, Israel, Norway, Iceland and Liechtenstein, Croatia, the Former Yugoslav Republic of Macedonia, Serbia, **Albania**, Montenegro, Bosnia & Herzegovina

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

Africa, Caribbean, Asia, Pacific, Eastern Europe and Central Asia, Latin America, Mediterranean countries

# Who can Apply?

- Universities and research centers
- Industrial organisations open to Innovation
- SMEs
- Governmental Organisations
- International Organisations
- Foundations
- Individual applications (People, Ideas, JRC)

# **FIRST PILLAR:**

# **COOPERATION**

**Priority-driven & top-down joint reserach**

# Cooperation – Collaborative Research

European **priority-driven** and **top-down** research:

- Collaborative research (projects and networks)
- Joint Technology Initiatives
- Co-ordination of national research programmes
- International Co-operation

# Cooperation Themes

<b>1. Health</b>	<b>€6 050 M</b>
<b>2. Food, Agriculture and Biotechnology</b>	<b>€1 935 M</b>
<b>3. ICT</b>	<b>€9 110 M</b>
<b>4. Nanosci, Nanotech, Material &amp; Production</b>	<b>€3 500 M</b>
<b>5. Energy</b>	<b>€2 300 M</b>
<b>6. Environment (including Climate Change)</b>	<b>€1 800 M</b>
<b>7. Transport (including Aeronautics)</b>	<b>€4 180 M</b>
<b>8. Socio-Economic Sciences and Humanities</b>	<b>€ 610 M</b>
<b>9. Security</b>	<b>€1 430 M</b>
<b>10. Space</b>	<b>€1 350 M</b>

# Funding Mechanisms

## Collaborative projects and networks

- Collaborative Projects
  - Large-scale integrating projects (IP)
  - Small or medium scale focused research actions (STREP)
- Networks of Excellence (NoE)
- Coordination and Support Actions (CSA) : coordinating or networking actions/Support Actions

## Joint Technology Initiatives

- Gather Industry, research institutions, public authorities
- Private and public funding (loans EIB)
- Foreseen in the fields of innovative medicine, nanoelectronics, aeronautics and air transport, hydrogen and fuel cells (other topics possible)
- Based on the Technology Platforms <http://www.cordis.lu/technology-platforms/home.html>

## Coordination of National Research Programmes

- ERA-NET networks
- Participation of the EU in jointly implemented national research programmes (Article 169)

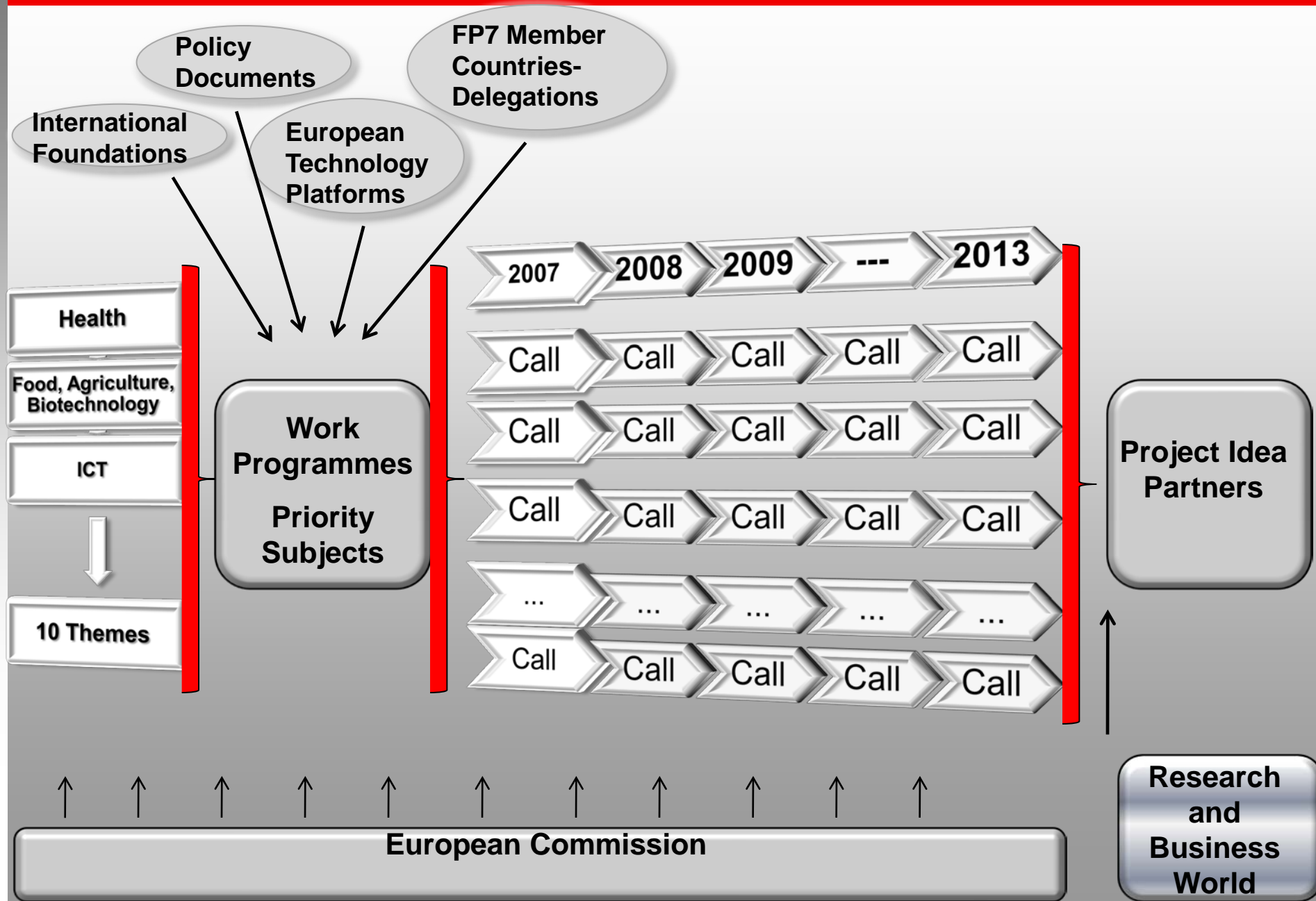
## International Cooperation

- Opening to the rest of the world
- Co-operation programmes on specific topics linked with this area

## Work Programmes implemented on annual basis by:

- Calls for proposals
- Commission specified topics
- Commission specified project types
- Evaluation procedure could differ (One/two step/two stage)
- Could also specify estimated budget, size and composition of consortium (types and locations of partners)

# FP7 Call System



# SECOND PILLAR:

## IDEAS

Funds NEW IDEAS:  
research activities that are by their nature too  
risky to be financed

# Ideas – European Research Council (ERC)

- **Basic research** at the frontier of knowledge carried out by individual teams
- Frontier (“basic”) Research is a key driver to innovation and economic performance
- Establish the **European Research Council (ERC)** – the first pan-European funding agency for Frontier Research
- Support **investigator-driven** frontier research over all areas of research → bottom-up, no pre-defined topics, subjects defined by researchers
- European added-value through **competition at European level**
- Budget ~ **€1 billion per year** (2007-2013 ~ €7.46 billion)
- Autonomous scientific governance (Scientific Council)
- Support projects of individual teams
- Excellence as sole criterion

# THIRD PILLAR:

## PEOPLE

... deals with HUMAN CAPITAL, science careers and the development of a EU labour „research market“

# PEOPLE – Marie Curie Actions

- Stimulate Europeans to enter the research sector
- Encourage EU researchers to stay and work in Europe
- Make EU attractive for the best foreign researchers

# **THIRD PILLAR:**

# **CAPACITIES**

**... aims to enhance research and innovation capacities throughout Europe and ensure their optimal use**

## Operates in 7 areas:

- Research infrastructures
- Research for the benefit of SMEs
- Regions of Knowledge
- Research Potential
- Science in Society
- Coherent development of policies
- Activities of International Cooperation

# Capacities

- **Research infrastructures**
  - For optimising use and development of best research infrastructures existing in Europe and help create new ones. Infrastructures are facilities, resources, services, etc.
- **Research for the benefit of SMEs**
  - supports the strengthen of INNOVATION capacities of SMEs for devloping new technology based products and markets
  - SMEs are able to outsource research, increase own research efforts, extend networks, better exploit results, etc.

# Capacities

- **Regions of knowledge**
  - Initiatives for enhancing research potential of REGIONS through trans-national networks or research driven clusters.
- **Research Potential**
  - Initiatives for identifying needs, opportunities for reinforcing capacities of existing centres of excellences
- **Science in Society**
  - Stimulate the debate on S&T related to society and culture
- **Specific activities of International Co-operation**

# Joint Research Centre- JRC



- These are European Commission's own research centers.
- JRC is composed of 7 advanced technology research institutions in 5 countries in Europe.
- In the frame of **Enlargement and Integration Action 2009**, the JRC offers specialised workshops and advanced training courses with a focus on experts from the New Member States (NMS), Candidate Countries (CC) and Potential Candidate Countries (PCC) as well on an ad hoc basis experts from countries within the area of **the EU Neighbourhood Policy**.



**TÜBİTAK**

**SPECIFIC INTERNATIONAL  
COOPERATION ACTIVITIES IN FP7  
(INCO)**

Through the **International Cooperation Activities (INCO)** in the Capacities Programme under FP7,

**third countries** have the opportunity to participate in and benefit from the **EU FP7**.



The activities defined in the Specific Programme are:

- **Bi-regional coordination** of S&T cooperation including priority setting and definition of S&T cooperation policies;
- **Bilateral coordination** for the enhancement and development of S&T Partnerships;
- Supporting the **coordination of national policies and activities** of Member States and Associated States on international S&T cooperation.

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**Date of Closure: 15 March 2011**



**TÜBİTAK**

**FINANCE AND  
ADMINISTRATION IN FP7**

# Finance and Administration in FP7

**For International Cooperation Partner Countries(ICPC) the Commission proposes simplified method –flat rate lump-sum amounts. They have been defined on the basis of World Bank data on cross national income levels in the different countries. The partners from ICPC can still request the standard reimbursement of eligible costs.**

For the list of the eligible countries:

[http://cordis.europa.eu/fp7/who\\_en.html#countries](http://cordis.europa.eu/fp7/who_en.html#countries)



# Finance and Administration

ICPC participants may alternatively opt for the EC financial contribution to take the form of a lump sum financing:

- The lump sum covers all the costs of an ICPC participant, not only personnel and travel, but also equipment consumables and indirect costs.
- Upper funding limits are applied per funding scheme (75%, 100%, etc)
- No audit certificates will be requested. Only a declaration that the money were actually spent.
- The relevant Time Sheets should be in place.





CORDIS: FP7: EMM

### Registration of Experts for Research Activities

**The call for experts for the seventh framework programme has been launched. Please see the EC Official Journal [2006/C 305/16](#) (for individuals) and [2006/C 305/17](#) (for organisations) for further information.**

The personal data collected in the context of the present call will be processed in accordance with the Regulation (EC) n° 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies on the free movement of such data.

Click [here](#) to view the privacy statement.

For further information and help, please look at our Frequently Asked Questions ([FAQ](#) Last Update: 2007-06-11) or contact the [Helpdesk for expert registration](#) if the FAQ does not provide the answer.

#### Register

- [New Expert](#)  
Click here to register for FP7 / non-FP activities
- [New Organisation](#)  
Click here to register as an organisation

#### Existing Expert / Organisation / Member State

If you are already registered as an FP6 / FP7 / Non-FP expert, organisation or member state please log in here. Existing FP6 experts wishing to register for FP7 activities also log in here.

Entering a wrong password three times will block your account; hence please use the password reminder facility if you are unsure of your password.

Username \* :

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**Thank You...**



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