



**TÜBİTAK**

**EU FP7 Marie Curie Actions  
“General Introduction”**



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# STI Policy in Turkey (1)

- Launched in 2004, one of the subsequent triggers in the Turkish model is the conceptualization of the Turkish Research Area (TARAL)
- The TARAL objectives that are to be achieved are to:
  - (a) enhance the quality of life,
  - (b) find innovative solutions to societal needs,
  - (c) increase the competitiveness of the country, and
  - (d) foster and diffuse S&T awareness in society.

# STI Policy in Turkey (2)

- According to recent developments, the targets of TARAL in consensus are, to
  - (i) increase GERD as a percentage of GDP to 2% and
  - (ii) raise the number of full-time equivalent (FTE) R&D personnel to 150,000 by 2013.

# From 2002 to 2007; Turkey Outpaced



- Seven countries regarding GERD (Belgium, Denmark, Finland, Norway, Singapore, Mexico, Iran)



- Seven countries regarding FTE R&D Personnel (Argentina, Austria, Belgium, Denmark, Finland, Switzerland, Thailand)



- Four countries regarding FTE Researchers (Belgium, Finland, Sweden, The Netherlands)



- Four countries regarding Scientific Publications (Belgium, Israel, Poland, Taiwan)

- **National Level**
  - Fellowships and Grants
  - 2011-2016 STI HR Strategy and Action Plan
- **European Level**
  - FP7 (Marie Curie Actions, ERC, JRC)
- **Regional and Global Level**
  - Dedicated Initiatives (EREF, Destination Turkey...)

# National Mechanisms: Fellowships and Grants

## For Turkish Researchers

- Overseas PhD Fellowship
- Overseas Research Fellowship
- Overseas Postdoctoral Research Fellowship
- Overseas Scientific Meetings Fellowship

## For Foreign Researchers

- PhD Fellowship Programme For Foreign Citizens
- Research Fellowship Programme For Foreign Citizens
- Visiting Scientists Fellowship

# Policy background

- Europe 2020 strategy
- Flagship initiatives
  - **"Innovation Union"** to improve framework conditions and access to finance for research and innovation so as to ensure that innovative ideas can be turned into products and services that create growth and jobs.
  - **"Youth on the move"** to enhance the performance of education systems and to facilitate the entry of young people to the labour market.
  - **"An agenda for new skills and jobs"** to modernise labour markets and empower people by developing their skills throughout the lifecycle with a view to increase labour participation and better match labour supply and demand, including through labour mobility.

## What are the Marie Curie Actions?

- Created more than a decade ago (1996)
- Most important European programme for researchers' mobility (50000 Marie Curie fellows to date)
- Actions aimed at structuring training, mobility and career development for researchers in Europe.
- Implemented through People Programme (FP7 2007-2013)

# Marie Curie in FP7

**Cooperation**

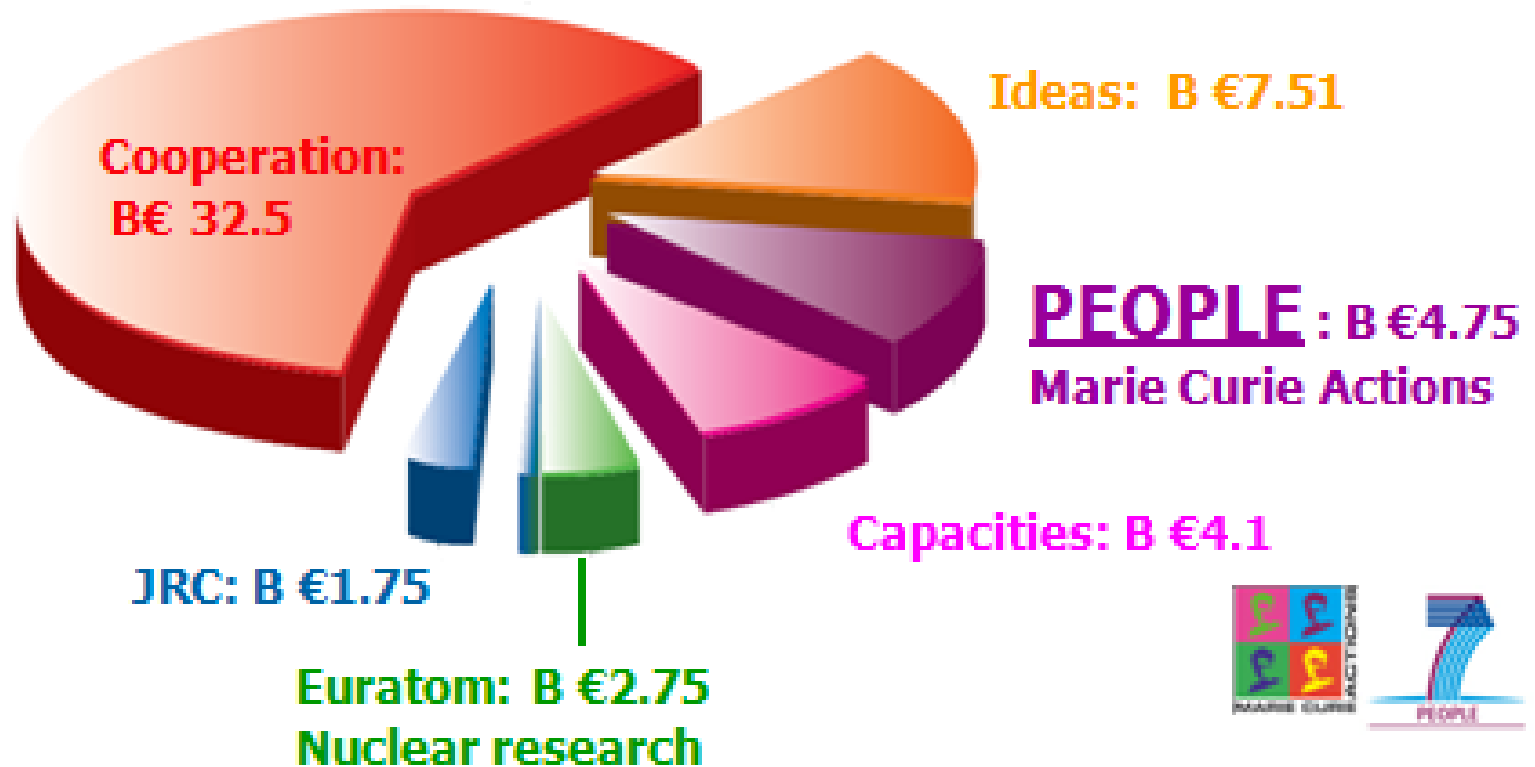
**Capacities**

**Marie Curie**

**Ideas**

**Joint Research Centres (JRC)**

# Where is the money coming from? FP7 (2007-2013)



FP7 = EU's research funding instrument  
Budget : Billion €50.5

# Marie Curie Objectives

Marie Curie



- Develop European human resources potential in R&D
- Stimulate people to enter researcher profession
- Retain & attract researchers from around the world
- Best working and employment conditions, in line with the European Researchers Charter

## ***Main characteristics***

- Addressed to researchers at all stages of their careers
- Open to all domains of research (bottom-up)
- Mobility (international, intersectoral, interdisciplinary) - a fundamental component of human resources in R&D
- Application through competitive calls for proposals
- Selection criteria: S&T quality, Quality of participants, Implementation and Impact
- Budget covers mainly salaries of researchers

# Skills development of (young) researchers

- ***Exposure to:***
  - interdisciplinary, inter-sectorial (public-private) experiences
  - innovative research in an international multicultural environment
- ***Structured training actions:***
  - Research skills
  - creativity, innovation, entrepreneurship, project management, IPR issues, patenting rights, PR, languages
- ***... as well as:***
  - participation in conferences, etc
  - dissemination of research results/outreach

# Marie-Curie Actions



**Mobility /  
Employment  
Programmes  
(Individual Actions)**



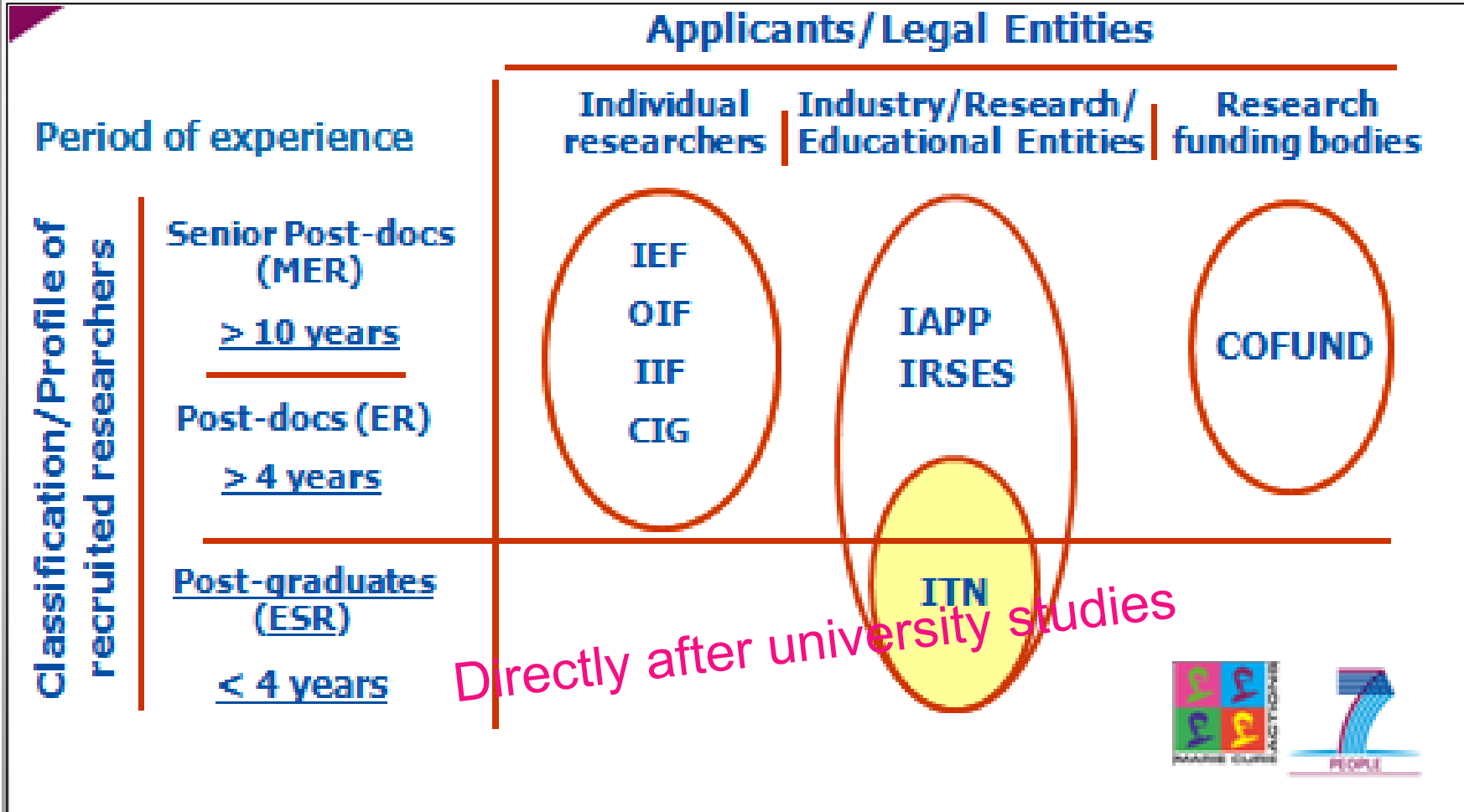
**Training, transfer of  
Knowledge and  
Cooperation  
Programmes (Host  
Actions)**



# Marie Curie Actions ...

Marie Curie Action		Objective
<b>Initial training of researchers</b> <i>(1900 M€)</i>	Initial Training Networks (ITN)	Improve career perspectives of early stage researchers in both public & private sector
<b>Life-long training and career development</b> <i>(1170–1400 M€)</i>	Intra-European Fellowships (IEF)	Career development of experienced researchers by e.g.: diversification skills/competencies; reintegrate after mobility/resume research
	Reintegration Grants (IRG/ERG) - <b>CIG</b>	
	Co-funding of regional, national, international programmes (COFUND)	
<b>Industry dimension</b> <i>(250-450 M€)</i>	Industry-Academia Partnerships and Pathways (IAPP)	Open and foster dynamic pathways between public research organisations and private commercial enterprises
<b>International dimension</b> <b>“<u>World fellowships</u>”</b> <i>(1170–1400 M€)</i>	Outgoing International Fellowships (IOF)	Reinforce extra-European dimension of the ERA through mobility through training, knowledge transfer, and cooperation
	Incoming International Fellowships (IIF)	
	International Research Staff Exchange Scheme (IRSES)	

# Which Scheme is the most convenient?



# Main Methodology is...



-- Mobility of Researchers--

# Marie Curie in FPs

**Marie Curie  
Incoming Researchers**



**Active involvement  
mainly in FP7  
Cooperation  
Programme**



# Marie Curie Individual Actions

**IEF**

Intra-European Fellowships

**IOF**

International Outgoing Fellowships

**IIF**

International Incoming Fellowships

**CIG**

Career Integration Grants

# Marie Curie Individual Actions



IEF



*Albanian Researcher*



IEF



*Albanian Host  
Organization*

# Marie Curie Individual Actions



*Albanian / European  
Researcher*

**CIG**

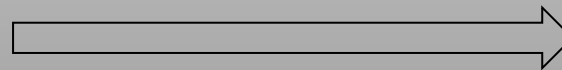


*Aim : Reversing brain drain*



*Albanian / European  
Researcher*

**IIF**

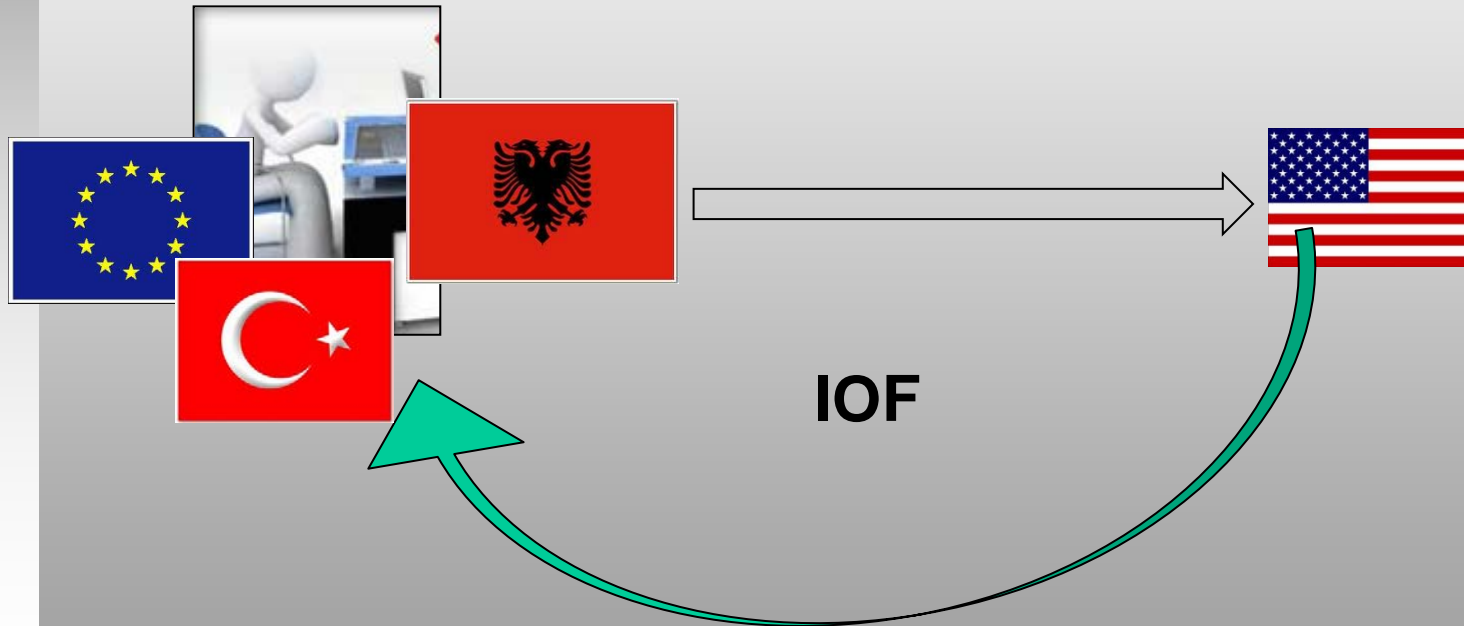


*Very experienced – aim is transfer of knowledge*

# Marie Curie Individual Actions

*Albanian / European  
Researcher*

*Aim : Transfer of Knowledge*



# Marie Curie individual Fellowships

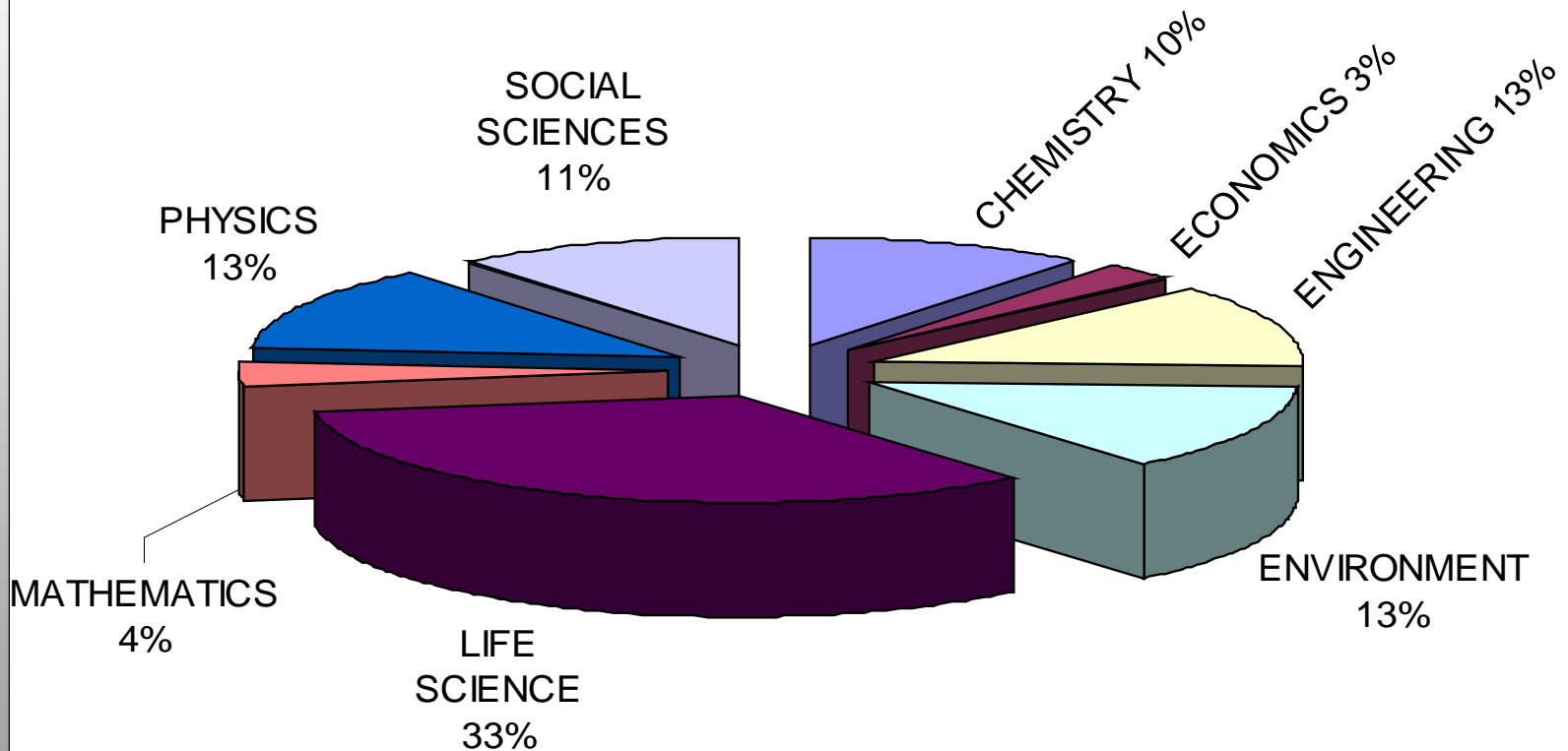
Call deadline:14/08/2007

	Gender of fellow										
	Total			Female				Male			
	Proposals	Selected	Success	Proposals	Selected	Proposals	Secteded	Proposals	Selected	Success	
<i>IEF</i>	1672	423	25,30%	670	40,07%	173	40,90%	1002	59,93%	250	59,10%
<i>IIF</i>	562	131	23,31%	162	28,83%	36	27,48%	400	71,17%	95	72,52%
<i>IOF</i>	1672	423	25,30%	670	40,07%	173	40,90%	1002	59,93%	250	59,10%

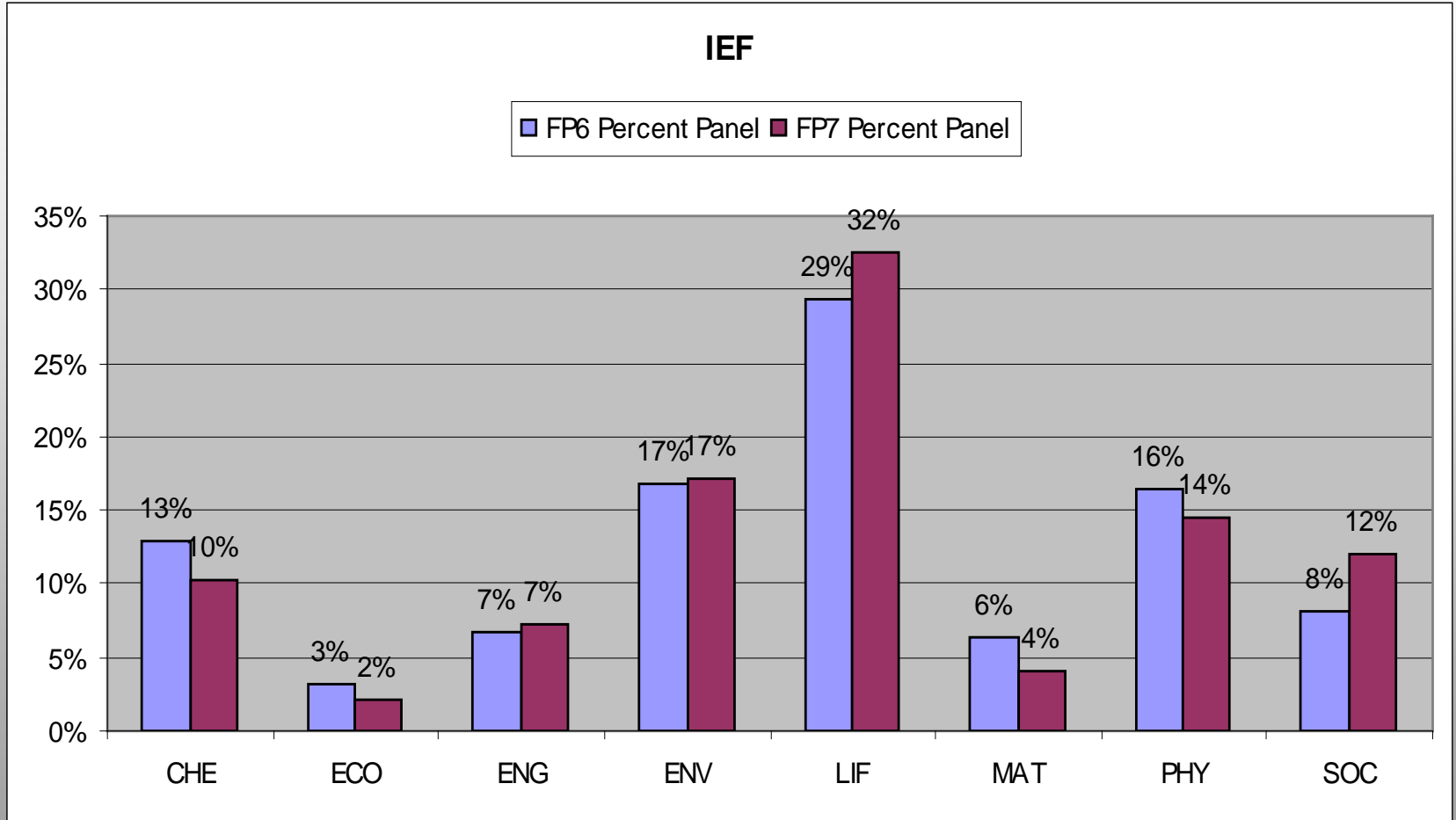


# Marie Curie Actions Panels

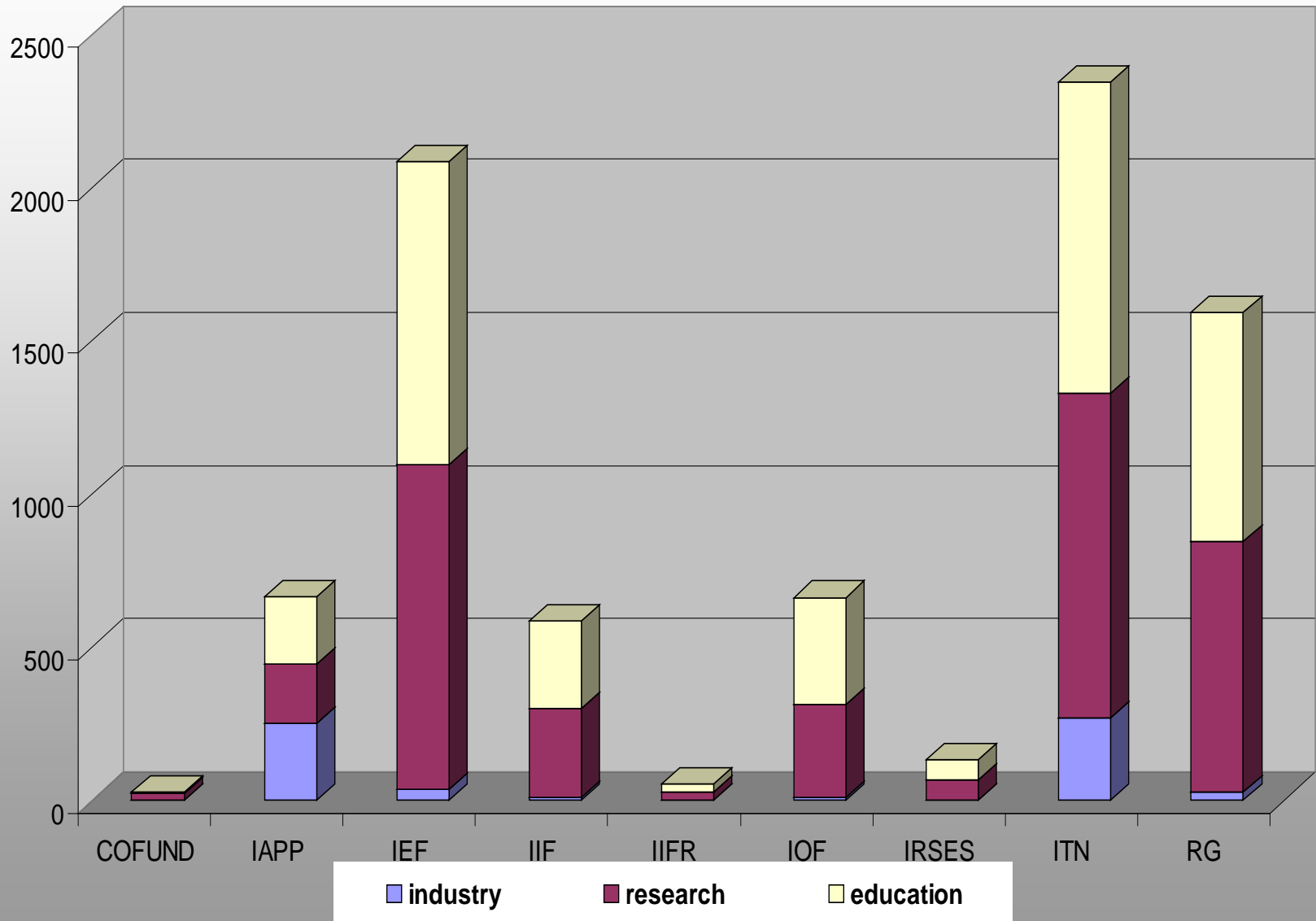
## Distribution of FP7- Marie Curie Action projects in different panels



# Individual fellowships: Distribution by scientific panel

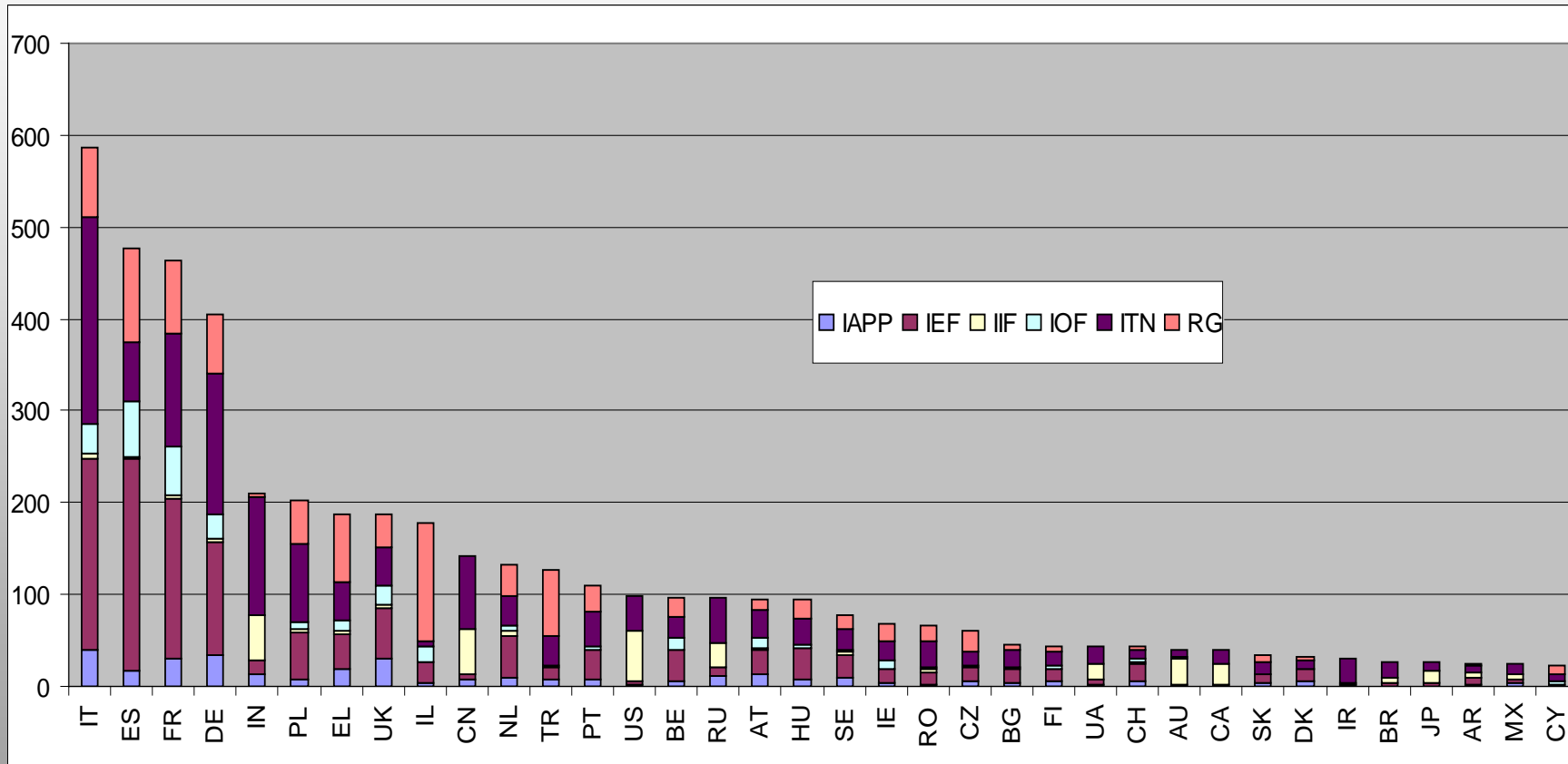


# Marie Curie Actions *Intersectoral pattern*



# Marie Curie Actions

## Nationality of Fellows (2007-2009)





# Marie Curie Host Actions

**ITN**

Initial Training Networks

**IAPP**

Industry-Academia Partnerships and Pathways

**IRSES**

- International Research Staff Exchange Scheme

# Initial Training Networks (ITN)

€1.9 billion in FP7

***Aims to improve career perspectives of early stage researchers in both public & private sector***

- International networks of participants from public & private sector
- Joint research training programme
- Complementary skills acquisition: entrepreneurship, management, IPR, grant writing, communication

## **Eligible researchers : Nationals from any country**

- Mainly Early-Stage Researchers (ESR): > 80% - less than 4 years experience in research
- Experienced researchers (ER): < 20% - more than 4 years experience in research

## **Community Contribution**

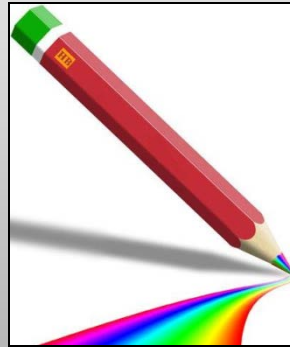
- Attractive salaries of recruited researchers
- Research and networking costs
- Organisation of short training events (workshops, seminars, summer schools and conferences)



# Initial Training Networks (ITN)

3 different institutions from EU/AC

Academia



+

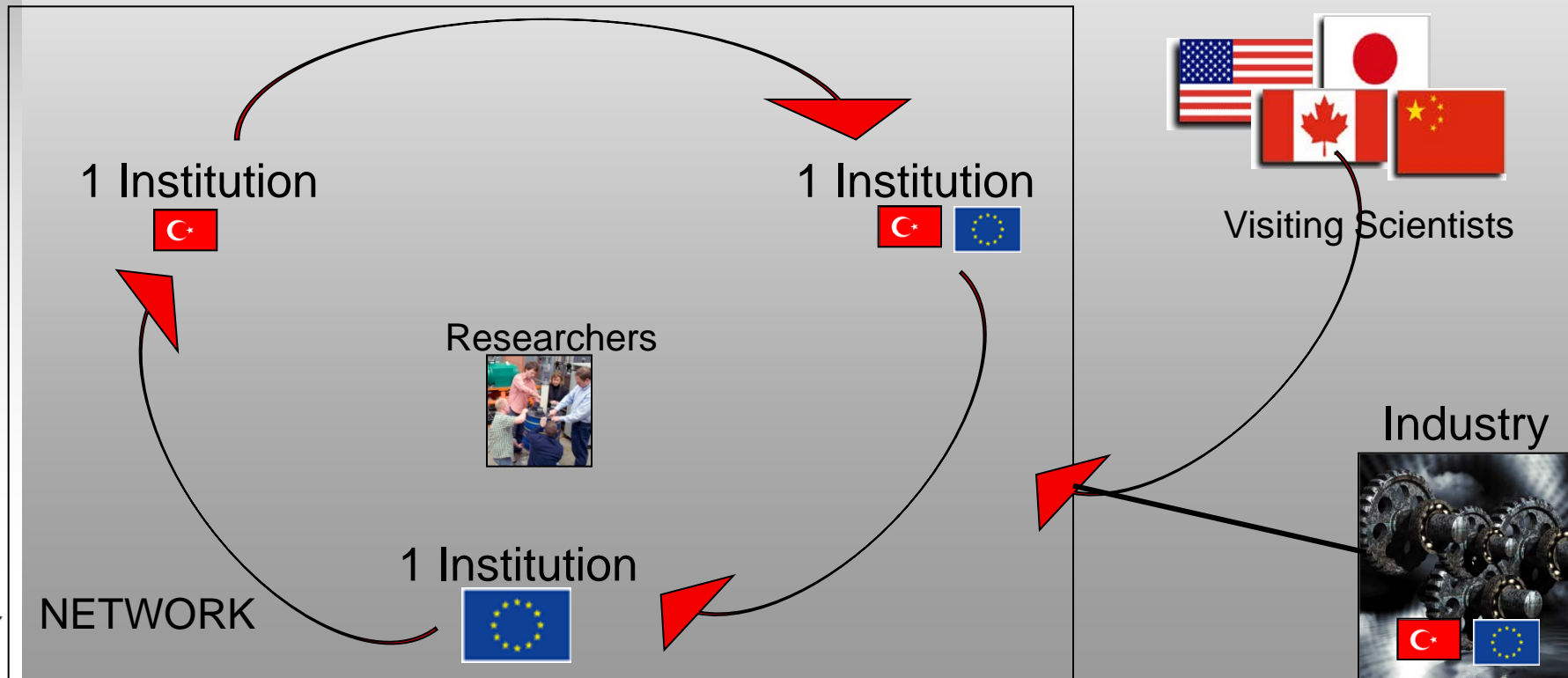
Private sector



# Initial Training of Researchers (ITN)

## Objective

Initial training of Early-Stage Researchers via Joint Training Programmes



# Industry–Academia

## Partnerships & Pathways (IAPP)

**€350 million in FP7**

### ***Foster research collaboration between non-commercial (public) research organisations & commercial enterprises***

- Based on common research project
- Intersectoral mobility & skills exchange
- Staff secondments & recruitments of experienced researchers
- Funding for research costs & networking activities

### **Eligible researchers**

- Staff exchange – secondments : 2 to 24 months
- Recruitment (optional) : 12 to 24 months

### **Community contribution**

- Staff secondments and recruitment of experienced researchers (optional)
- Research and networking costs
- Specific small equipment for SMEs: <10% total contribution

# International Research Staff Exchange Scheme (IRSES)

## Participant rules :

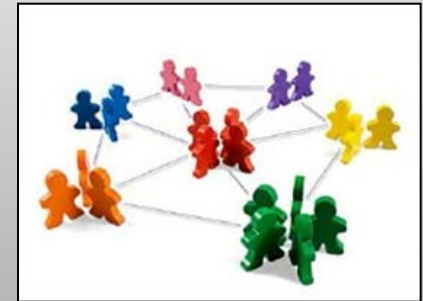
- At least 2 independent research organisations in two different MS/AC
- One or more organisations in TC
- Additional partners from any sector and from any other country welcome
- Joint multi-annual programmes of 24-48 months

## Eligible researchers :

- Research staff mainly, but also technical and management staff
- max. 12 months/researcher
- Staff is seconded (not recruited)

## Community contribution :

- Balanced exchange of EU/International researchers
- Subsistence/travel allowance for outgoing European researchers € 1900/month per researcher
- Case by case: subsistence/travel allowance incoming ICPC/ENP



# NANOBIOSENS

<b>Partner Number</b>	<b>Partner name</b>	<b>Partner short name</b>	<b>Country</b>
<b>1 Co-ordinator</b>	<b>Middle East Technical University</b>	<b>METU</b>	<b>TR</b>
<b>2 partner</b>	<b>Université Claude Bernard- Lyon 1</b>	<b>UCBL</b>	<b>FR</b>
<b>3 partner</b>	<b>Institute of Molecular Biology and Genetics of National Academy of Sciences</b>	<b>IMBG</b>	<b>UA</b>
<b>4 partner</b>	<b>Northeastern University</b>	<b>CAMM P</b>	<b>USA</b>
<b>5 partner</b>	<b>McGill University</b>	<b>MGU</b>	<b>CA</b>
<b>6 partner</b>	<b>Sogang University</b>	<b>SGU- CNM</b>	<b>KR</b>



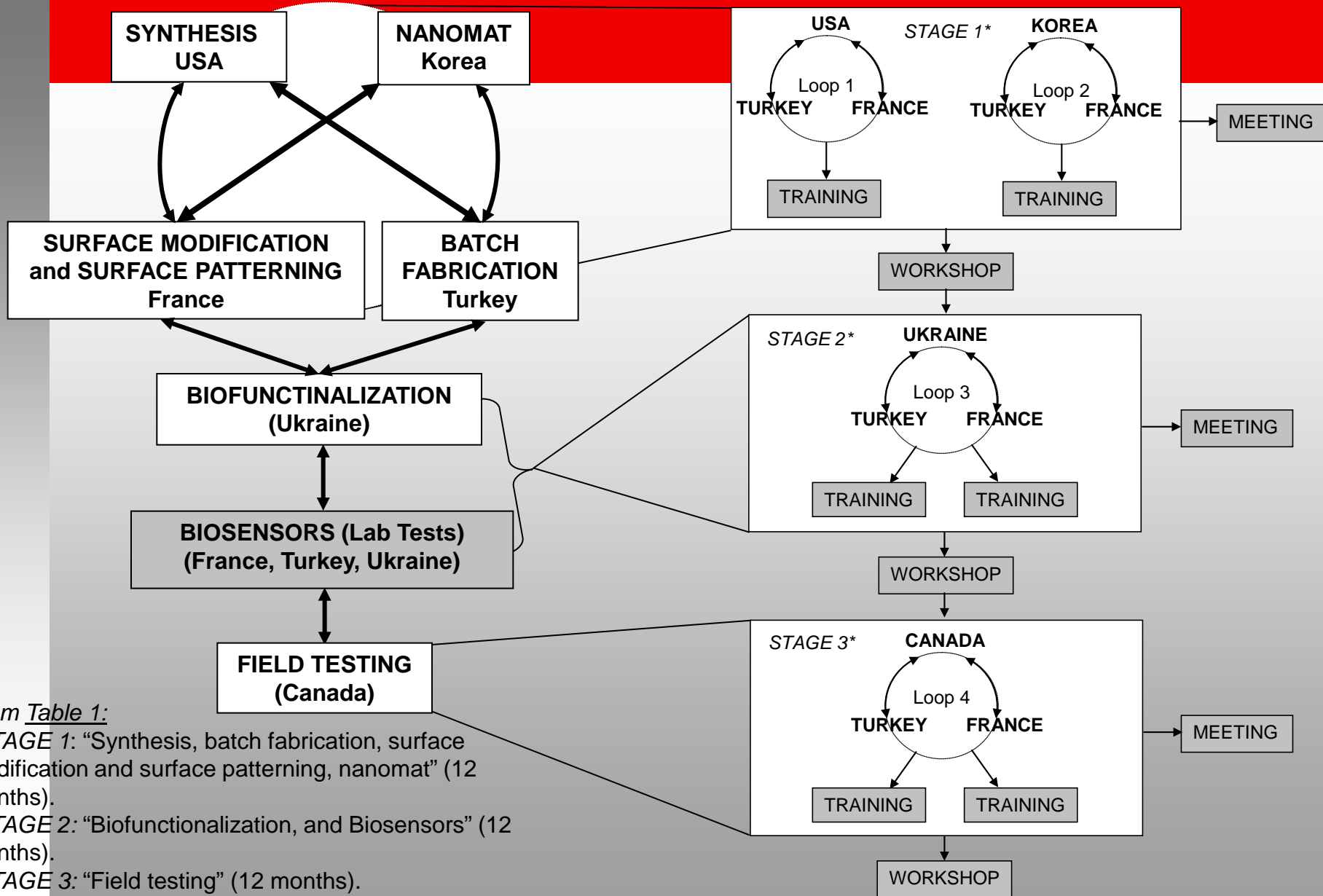


Figure 1: The assessment plan and the scheme for the transfer of knowledge among the partners

Participant No	Short Name	Country	Number seconded researchers (€)	Total EC contribution(€)
1	METU	Turkey	72	129,600
2	UCBL	France	57	102,600
3	IMBG	Ukraine	56	100,800
4	CAMMP	USA	18	0
5	MGU	Canada	12	0
6	SGU-CNM	Korea (Rep. of)	9	0
<b>TOTAL (€)</b>			<b>185</b>	<b>333,000</b>

# Life Long Training and Career Development

## Co-funding of Regional, National and International Programmes (COFUND)

### **Participant rules : Organisations funding and managing a fellowship programme**

- Official public bodies (ministries, academies, councils, agencies, ...)
- Other public/private bodies (large research organisations, charities, ...)
- Bodies at international level, running such schemes at European level

### **Eligible researchers**

- Experienced researchers
- Three types of trans-national mobility:
  - Outgoing : to another MS/AC/TC\*
  - Incoming : from another MS/AC/TC
  - Re-integration : from TC to home MS/AC (after a research stay of at least 3 years)

### **Community contribution**

- 40% of the fellowship costs for eligible researchers (max. 5 M€ per participant)

## Charter and Code



- Working conditions of researchers
- Transparency of recruitment processes
- Career development

## The impact of the Programme has been most significant in relation to:

- International research training experience, involving most excellent institutions worldwide
- Development of appropriate skills for the needs of both the public and private sector
- Impact on quality of research training in Europe (research work complemented by structured training, supervision arrangements, etc)
- Impact on working & employment conditions of researchers
- Impact on funding bodies (through COFUND)
- Impact on the promotion of the European Charter for Researchers

## Marie Curie actions: future directions

### ***Possible developments in the last years of FP7 and FP8***

- Extend the *co-financing principle to Early stage researchers* (PhD's)
- Develop a *new EU Business Doctoral scheme* or support for Graduate schools
- Streamlining MCAs (less actions, better understandable structure); and *further simplification* of rates and rules
- Set up an *Marie Curie alumni dimension*

# Current Calls

## Marie-Curie Actions

### Calls for proposals

Call Identifier ▲ ▼	Call Title ▲ ▼	Publication Date ▲ ▼	Deadline ▲ ▼
FP7-PEOPLE-2011-EURAXESS-II	Trans-national operation of the "EURAXESS Services Network II": 2011-2013	2010-12-15	2011-03-30
FP7-PEOPLE-2011-IRSES	Marie Curie International Research Staff Exchange Scheme (IRSES)	2010-10-20	2011-03-17
FP7-PEOPLE-2011-CIG	MARIE CURIE CAREER INTEGRATION GRANTS (CIG)	2010-10-20	2011-03-08
FP7-PEOPLE-2011-COFUND	MARIE CURIE CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES (COFUND)	2010-10-20	2011-02-17
FP7-PEOPLE-2011-ITN	Marie Curie Initial Training Networks 2011 (ITN)	2010-07-20	2011-01-26
FP7-PEOPLE-2011-NIGHT	Researchers' Night	2010-09-28	2011-01-12

<http://cordis.europa.eu/fp7/>

# Proposal Submission

## **Electronic Proposal Submission Service (EPSS)** Instructions on the submission of your proposal through the EPSS

Please select the funding scheme, or sub-funding scheme, corresponding to the work programme topic you are addressing, from the list below. You will then be linked to the correct EPSS entry point.

Networks for Initial Training (ITN)



Go

## **Additional Documents** Useful documents on the call and on FP7 in general.

# Proposal Submission

## Electronic Proposal Submission Service (EPSS)

Important Legal Notice



CORDIS: EPSS

### Welcome to EPSS, the Electronic Proposal Submission Service

Call Selected: FP7-PEOPLE-IAPP-2008  
Sub-Scheme Selected: MC-IAPP

I am the **coordinator** of a proposal and I need a user name and a password



[REGISTER<sup>1</sup>](#)

I already have an **online** user name and a password



[LOGIN](#)

I am a **participant (not the coordinator)** in a proposal and I need a user name and password



[CONTACT YOUR COORDINATOR](#)

[EPSS user guide](#)

<sup>1</sup>Usernames and passwords are sent by e-mail. The Commission takes no responsibility for any potential loss, incorrect arrival, non-delivery or use of the username and password. **It is the co-ordinator's responsibility to ensure that he/she has sufficient time to prepare and submit the proposal using EPSS after the receipt of the username and password.** The proposer takes the risk and responsibility to ensure that the e-mail address provided is correct and assumes all risks in case of error, misuse, illegibility or loss of confidentiality or security. If you experience any difficulty receiving your user name and password, please contact the EPSS operator by e-mail [support@epss-fp7.org](mailto:support@epss-fp7.org) or by phone +32-2-233 3760.

# Details of the call...

## PEOPLE Calls: FP7-PEOPLE-2010-ITN

[Information Package](#) | [Electronic Proposal Submission Service \(EPSS\)](#)  
[Additional Documents](#) | [Get Support](#) | [Build Your Consortium](#)

### Marie Curie Initial Training Networks (ITN)

**EPSS is now available for this call for proposals**

**Identifier:** FP7-PEOPLE-2010-ITN

**Publication Date:** 08 September 2009

**Budget:** € 243 790 000

**Deadline:** 22 December 2009 at 17:00:00 (Brussels local time)

**OJ Reference:** OJ C213 of 08 September 2009

**Specific Programme(s):** People


**Theme:** PEOPLE


**Restrictions to Participation:** See eligibility criteria in the work programme 

#### Additional Information:

The final budget awarded to this call, following the evaluation of projects, may vary up to 10% of the total value of the call.

 **Information Package**  Key documents required for the preparation of your proposal.

 **Electronic Proposal Submission Service (EPSS)** Instructions on the submission of your proposal through the EPSS

 **Additional Documents** Useful documents on the call and on FP7 in general.

# Most Important Documents

## Information Package Key documents required for the preparation of your proposal.

In order to receive a complete Information Package for this call, you will need to select the following elements:

1. The call fiche (only available in .pdf format)
2. The work programme (.pdf format)
3. FP7 factsheets in your preferred language - an overview of the basic features of this programme (.pdf format)
4. The Guides for Applicants relevant to the funding schemes used in this call (.pdf format)

All files have been treated uniformly and compressed to facilitate the access to the individual documents and to optimise the speed of transfer. To access the files, you will need a [file compression utility](#) capable of opening the '.zip' format.

[select all](#) | [clear all](#)

**Call Fiche** English | PDF

**Work Programme 2010 - People** English | PDF

**Guide for Applicants (Marie Curie Initial Training Networks - MCITN)** English | PDF

**FP7 factsheets** English  | PDF



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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 \* :

Password \* :

[Forgot password](#)

[Login](#)

# Turkey is linked to EURAXESS Network

<http://euraxess.tubitak.gov.tr/euraxess/>

**EURAXESS TURKEY**

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- Jobs
- Research in Turkey
- Research Funding in Turkey

**All time:**

- Research in Turkey
- Jobs
- EURAXESS Turkey
- Research Funding in Turkey
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**CHOOSE THE ONE, WHICH HAS THE 5TH HIGHEST INCREASE IN R&D EXPENDITURE IN EUROPE**

**TURKEY, AS GLOBAL ATTRACTION CENTER FOR RESEARCH AND RESEARCHERS**

Welcome to the EURAXESS Turkey portal, a source for internationally mobile researchers who plan to come to Turkey. On this website, you can find information on funding opportunities, job offers, social security and tax issues and other topics relating to researcher mobility.

EURAXESS Turkey is part of the network of EURAXESS Services Centres throughout Europe.

**Search for Services**

Target Group:

Incoming Researchers

Go

Type of Service:

**Jobs in Turkey**

- DESIGN ENGINEER
- MECHANICAL DESIGNER

more

**TÜBİTAK**

ÇOB

SB

**MEB**

YÖK

**Ministry of National Education**

**News & Events**

- International researchers have gained the right for receiving Project Incentive Bonus (PIB) from TÜBİTAK projects
- TÜBİTAK Promotes Brain Gain via New Fellowship Program
- TÜBİTAK R&D Day in Marmara Region

more

**European Research Policies**

**Newsletter EU4R**



**TÜBİTAK**

**Thank You...**



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