



## AERAP Workshop

South African Embassy and Mission to the  
European Union  
Brussels, 6 September 2012

# FP7 Marie Curie Actions

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*Policy Officer, DG EAC.C3*



- **Introduction to the Marie Curie Actions**
- **Marie Curie Host-Driven Actions:**
  - ✓ *Initial Training Networks (ITN)*
  - ✓ *Industry-Academia Partnerships and Pathways (IAPP)*
  - ✓ *International Research Staff Exchange Scheme (IRSES)*
- **Next Calls for proposals**

# Marie Curie Actions Basics



*Pierre and Marie Curie honeymoon, 1895*

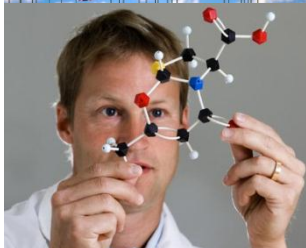
- ✓ Significant EU fellowships programmes since 1990 (FP3) for researchers' mobility
- ✓ Marie Curie label since 1996
- ✓ Actions aimed at structuring training, mobility & career development for researchers
- ✓ Under FP7, implemented through the People Programme (2007-2013)

# Key features



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- Bottom-up approach
- Mobility, both transnational & intersectoral
- Main EU programme providing structured doctoral training, including industrial doctorates
- Opening research careers at European & international level
- Enhanced business-academia collaboration & staff exchange
- Excellent employment & working conditions, in line with the *EU Charter and Code for Researchers*





## Europe 2020 Flagship Initiatives



### Innovation Union

- 1 million more researchers
- Attract and train young people to become researchers
- Improve quality of doctoral training
  - Involve businesses in doctoral training



### Youth On the Move

- Promote researchers mobility across sectors, countries and disciplines
- Attractiveness of European universities
- Stronger links between education, research and innovation



### Agenda for New Skills and Jobs

- Equip researchers with relevant skills that will match both public and private sector needs
- Improve career prospects of doctoral candidates

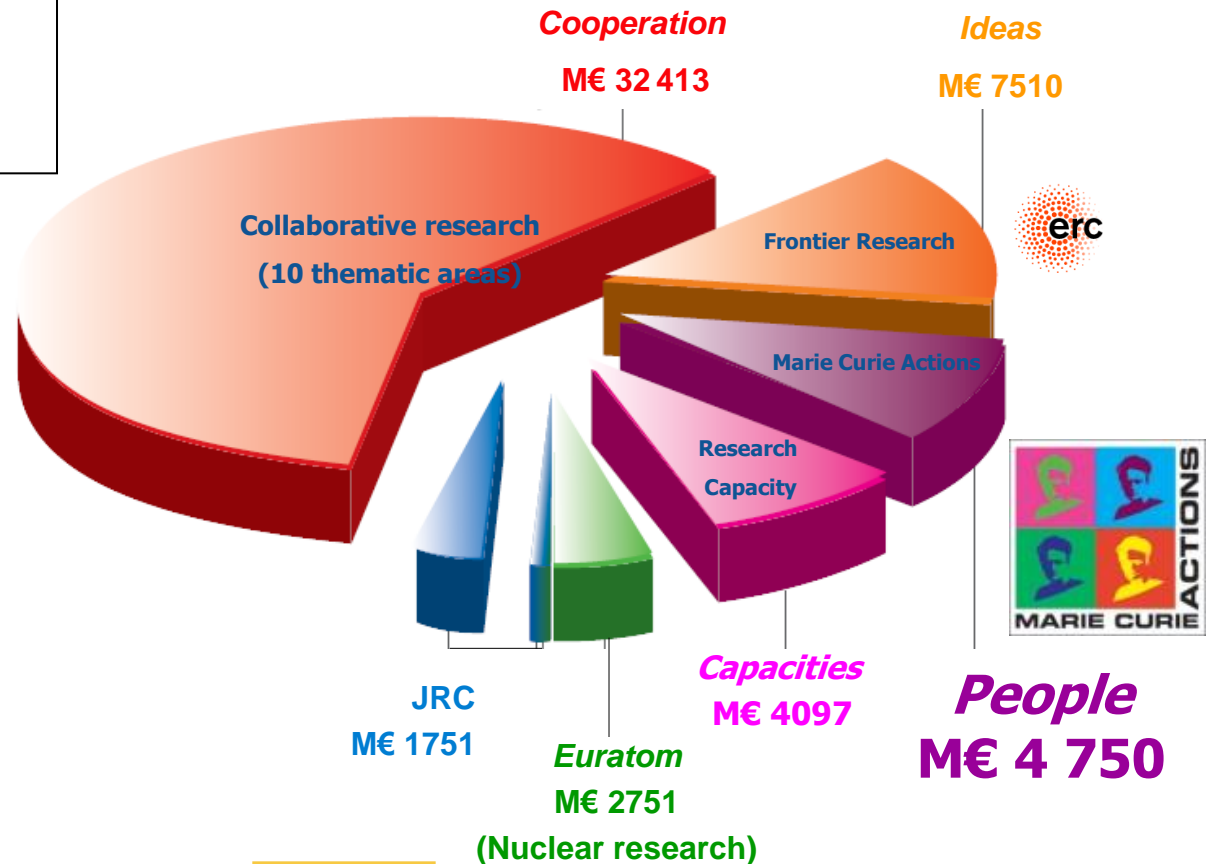
# MCA Funds



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## The 7<sup>th</sup> Framework Programme for research & technological development (FP7)

Total FP7 budget  
2007 – 2013  
=  
M€ 50 521

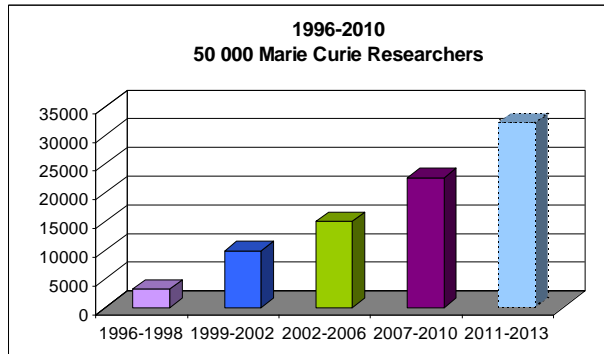


Education  
and Culture

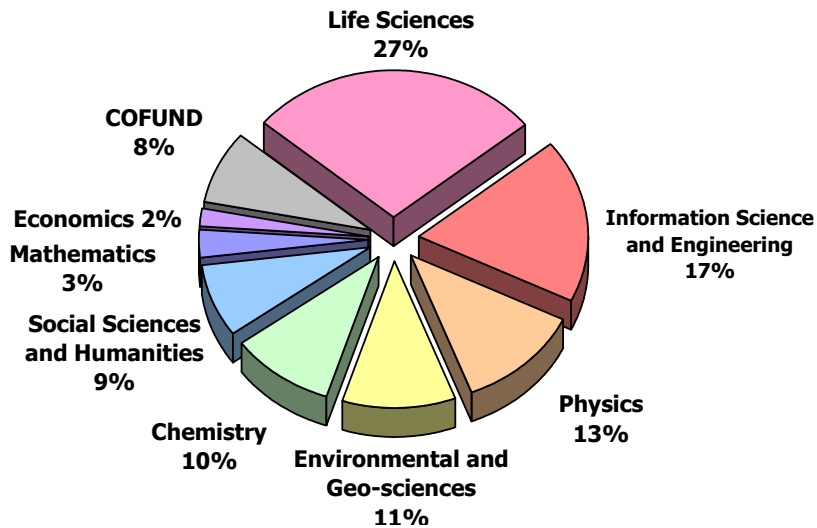
# FP7 MCA Achievements



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- 60 000 researchers financed since the creation of Marie Curie Actions
- More than 10 000 PhD supported
- Marie Curie researchers coming from all over the world (around 130 nationalities)
- Marie Curie host organisations in more than 80 countries
- 46% of researchers coming to EU from industrialised countries stay in Europe after the end of their IIF fellowship
- 38% women participation in FP7 MCA - close to the 40% target

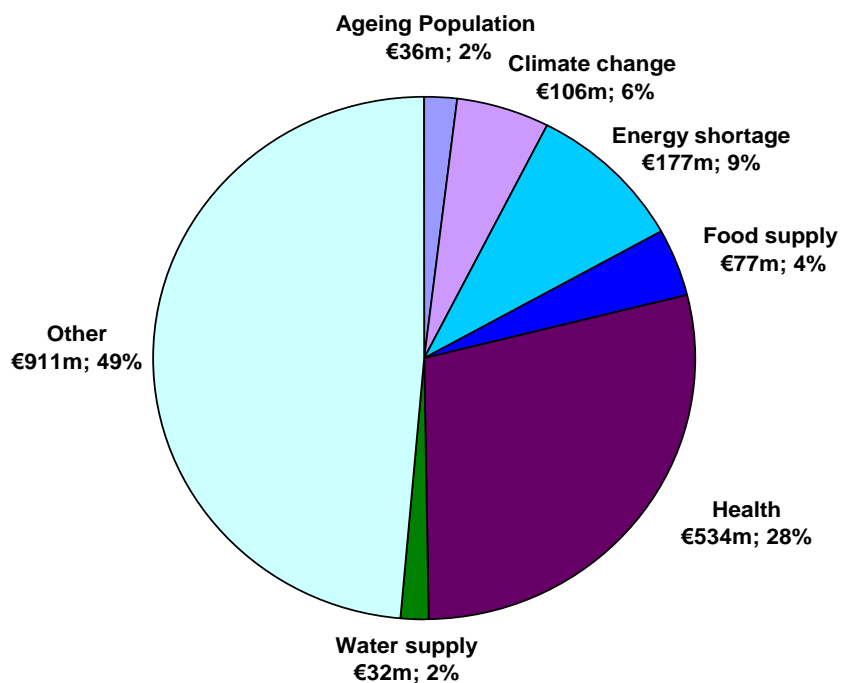


Budget distribution by scientific panel  
in FP7 (bottom-up approach)

# FP7 MCA Achievements



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Budget dedicated to societal challenges under  
FP7 MCA (2007-2011)

- More than 50% of budget dedicated to research on **societal challenges**
- Bridging **academia-business** gap:  
~6.000 secondments / recruitments in  
~350 FP7 MCA projects
- **SMEs** play a major role: in IAPP & ITN they account for **more than 50%** of all businesses participating



# FP7 MC Actions



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<b>ITN</b> (Initial Training Networks) including EID and IDP since 2012	Research networks supporting initial and doctoral training
<b>IEF</b> (Intra-European Fellowships)	Support for researchers moving inside Europe
<b>IOF</b> (International Outgoing Fellowships)	Support for researchers moving away from Europe
<b>IIF</b> (International Incoming Fellowships)	Support for researchers moving to Europe
<b>CIG</b> (Career Integration Grants)	Support for researchers starting a permanent position in Europe
<b>IAPP</b> (Industry-Academia Partnerships and Pathways)	Industry-Academia cooperation through exchange of staff
<b>IRSES</b> (International Research Staff Exchange Scheme)	International cooperation between MS/AC & other third countries through exchange of staff
<b>COFUND</b> (Co-funding of regional, national, international programmes)	Co-funding of regional, national and international research funding programmes for experienced researchers

# MCA Applicants



**Profile of recruited  
researchers**

**Senior Post-docs  
(MER\*)**

**> 10 years**

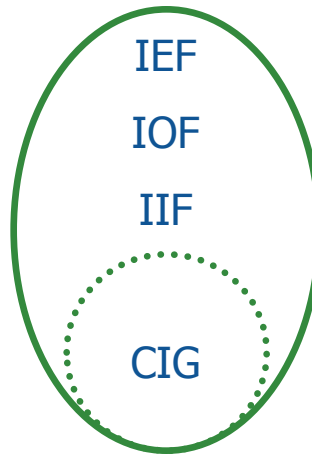
**Post-docs (ER\*)**

**> 4 years or PhD**

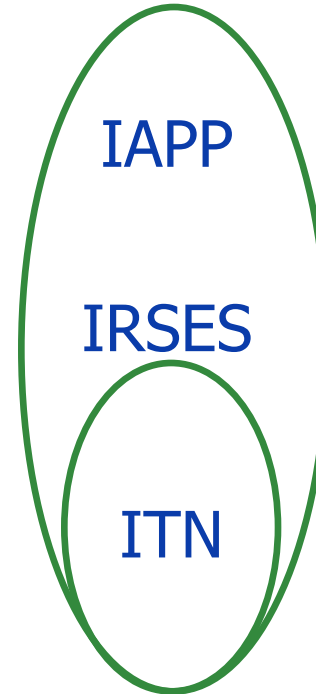
**Post-graduates  
(ESR\*)**

**< 4 years + no PhD**

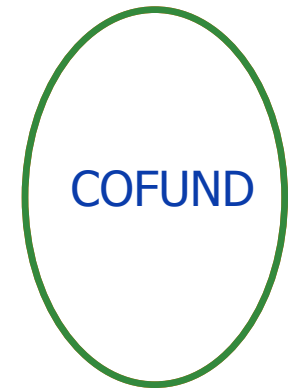
**Individual  
researchers**



**Research  
Organisations**



**Research  
funding bodies**



\*ESR: Early Stage Researcher / ER: Experienced Researchers / MER: More Experienced Researcher



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# Initial Training Networks

# ITN



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*Equip doctoral candidates  
with innovative skills  
(scientific & transversal skills)*

European Research Area Framework  
Consultation (2011)

- 68% of respondents feel researchers are well trained for academia
- 22% find researchers are well trained for the business labour market

High Quality  
Doctoral  
Training

Inter-sectoral

"3i"  
=  
Excellence

International

Inter-  
disciplinary

# ITN Implementation Modes



2011

Multi-ITN

Mono-ITN



2012

Multi-ITN

Innovative  
Doctoral  
Programmes

European  
Industrial  
Doctorates

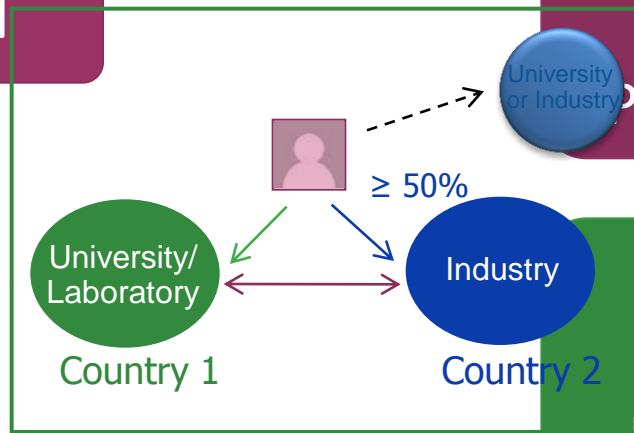
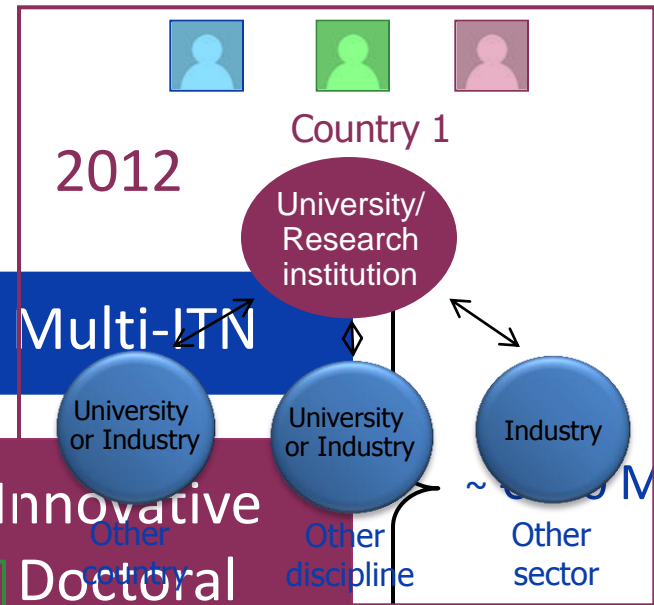
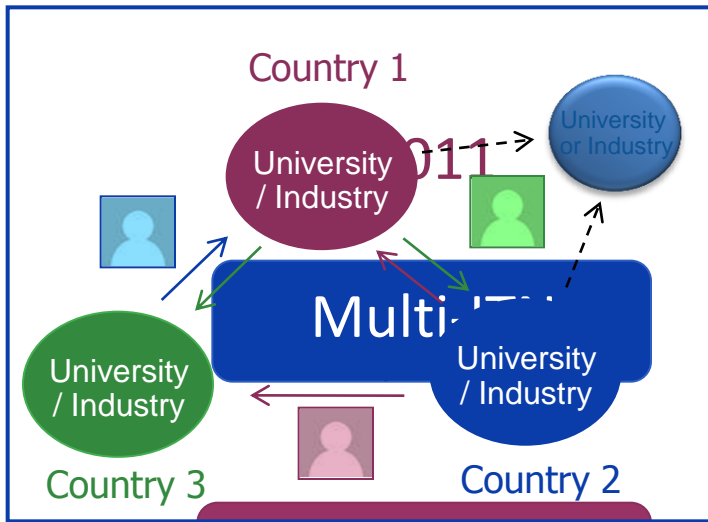
~ €400 M

€20 M  
(Pilot)

# ITN Implementation Modes



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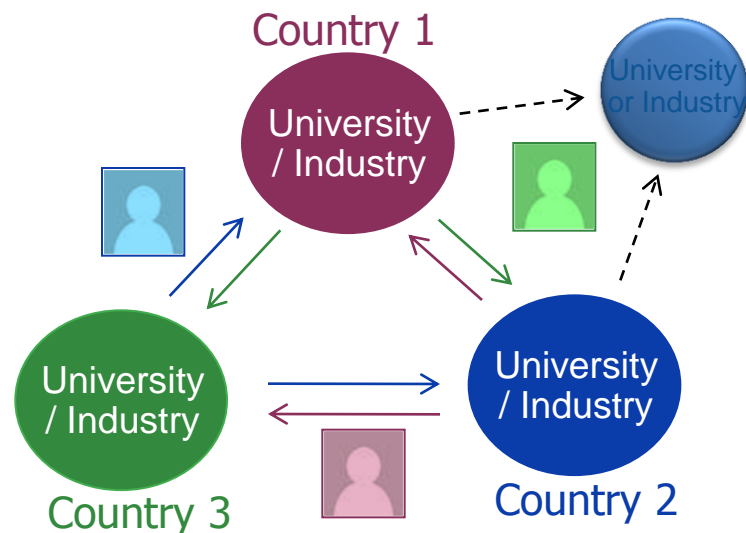
€20 M  
(Pilot)



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- Maximum **40%** of the budget to the same country

Max 500  
researcher-  
months



- At least 3 participants from different MS/AC + possible associated partners from different countries
- Recruitment of ESRs and a limited amount (max 20%) of ERs (< 5 years research experience)
- Secondments encouraged (up to 30% of total)
- 3-36 months for ESRs / 3-24 months for ERs

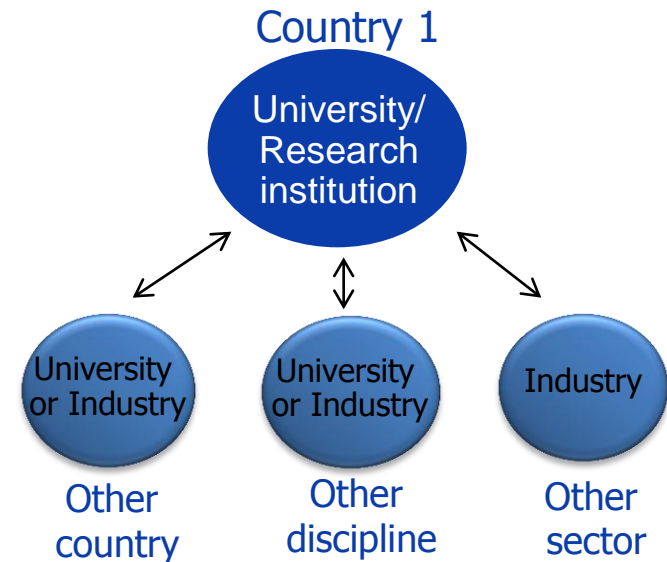


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## Innovative Doctoral Programmes

Max 500  
researcher-  
months



- 1 participant in a MS/AC + possible associated partners from different countries
- Innovative training programme addressing the *triple “i” dimensions*
- 3-36 months for ESRs (Doctoral candidates)

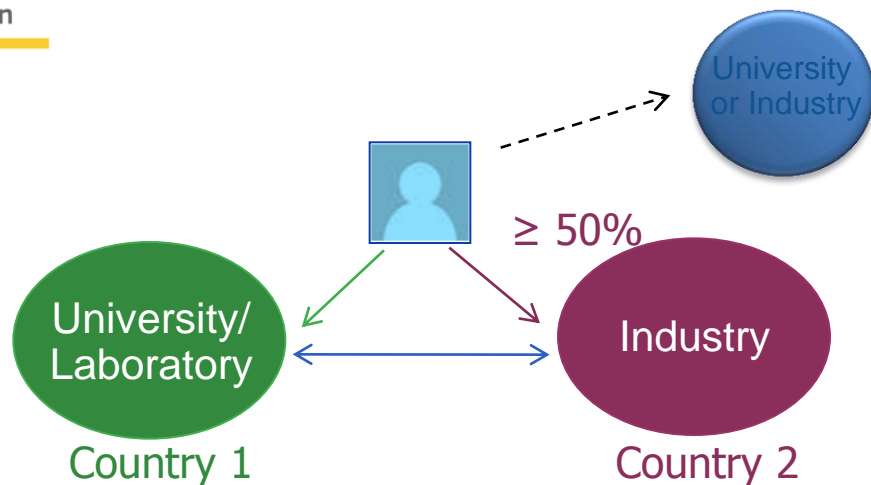




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## European Industrial Doctorates

Max 180  
researcher-  
months



- 2 participants (1 from each sector) in MS/AC + possible associated partners
- Researchers must be employed by one of the participants, enrolled in a doctoral programme and spend at least 50% of total time in private sector
- 3-36 months for ESRs (Doctoral candidates)

# ITN Funds



- **Living allowance** (gross amount) per researcher/year (multiplied by *country coefficient*)
  - €38,000 for ESR
  - €58,500 for ER <5 years experience (multi-ITN only)
- €700 / €1000 of **mobility allowance** per researcher/month (no family / family) (multiplied by *country coefficient*)
- €1200 / €1800 for **training/research costs** per researcher/month (IDP & EID / multi-ITN)
- Additional funds for project **management** (10% of total EU contribution)
- **Overheads** (10% of direct costs except for subcontracting)



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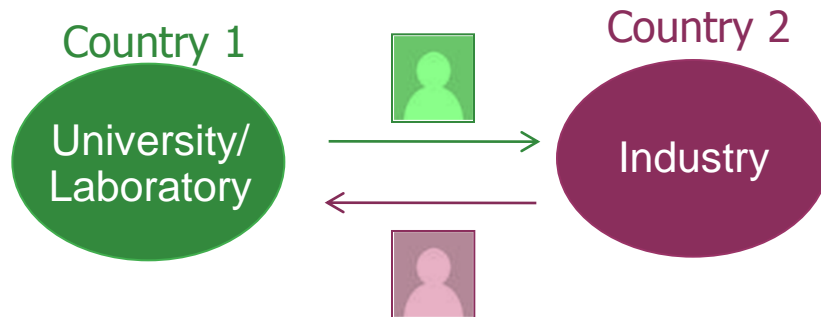
# Industry-Academia Partnerships & Pathways

# IAPP



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***Goal: Enhance industry-academia cooperation in terms of research training, career development and knowledge sharing***

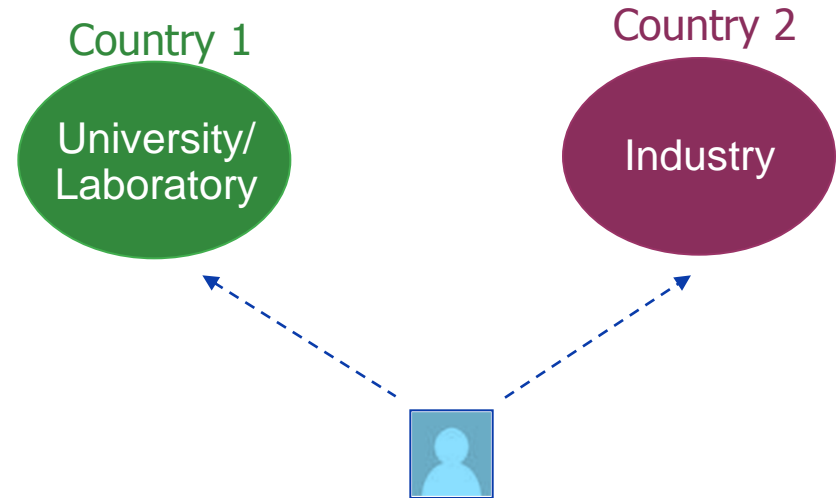


## Mandatory Secondments

- **At least 2 participants** (1 from each sector) from different MS/AC + possible additional participants
- Secondment of staff (*at least 1 year experience in institution*) to partner institution (2-24 months for ESR / ER / MER)
- Possibility to have intra-national but inter-sectoral mobility (maximum of 30% of total *researcher-months*)



## Optional Recruitment



- Participants can recruit experienced researchers (ER / MER)
- Recruitments allowed for a period of 12-24 months
- Maximum 50% of total *researcher-months*

# IAPP Funds



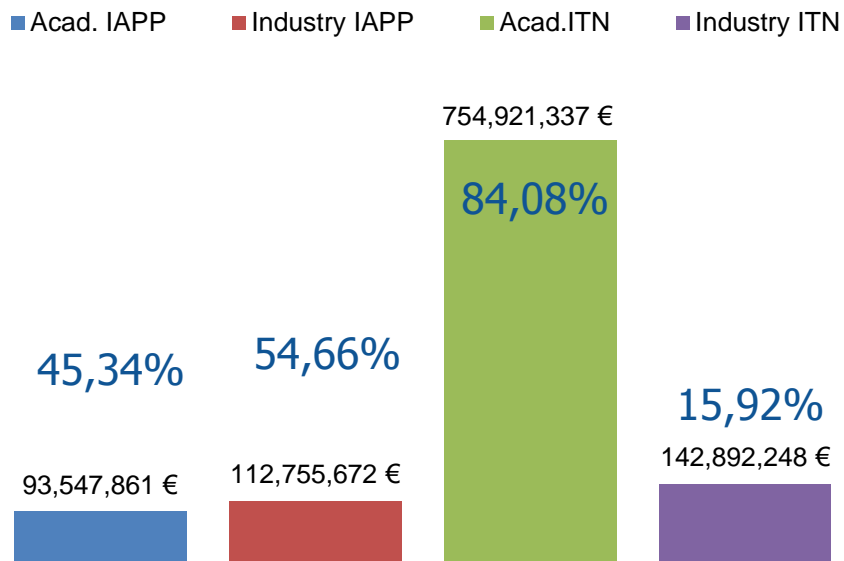
- **Living allowance** (gross amount) per researcher/year (multiplied by *country coefficient*)
  - €38,000 for ESR
  - €58,500 for ER <10 years experience
  - €87,500 for MER >10 years experience
- €700 / €1000 of **mobility allowance** per researcher/month (no family / family) multiplied by *country coefficient*
- €1800 for **training/research costs** per researcher/month
- Additional funds for **project management** (10% of total EU contribution)
- **Overheads** (10% of direct costs except for subcontracting)
- **SMEs**: up to 10% of total EU contribution for SME for small equipment expenses

# IAPP vs ITN



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## IAPP vs ITN





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# International Research Staff Exchange Scheme

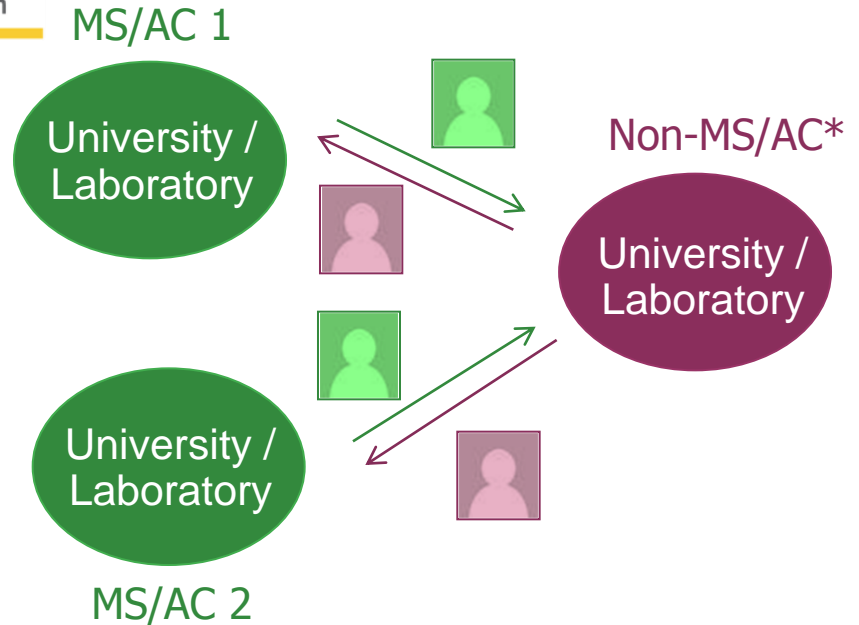
# IRSES





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***Goal: Strengthen research partnerships through staff exchanges and networking activities between European research organisations and research organisations from specific non-European countries***



- At least 2 research organisations from different MS/AC + at least 1 research organisation from eligible non-MS/AC\*
- Short-term secondments of research staff
- Exchange up to 12 months per staff member (ESR/ER/MER)

# IRSES\*

## Eligible Countries

### Non-MS/AC



- **Countries with EU International agreements on Science & Technology:**

Algeria, Argentina, **Australia** §, Brazil, **Canada** §, Chile, China, Egypt, India, **Japan** §, Jordan, Mexico, Morocco, **New Zealand** §, **Republic of Korea** §, Russia, South Africa, Tunisia, Ukraine, **United States** §.

- **Countries of European Neighbourhood Policy (ENP):**

- ✓ **Eastern Partnership Countries (EPC):**

Armenia, Azerbaijan, Belarus, Georgia, Moldova, Ukraine

- ✓ **Mediterranean Partnership Countries (MPC)** (not associated countries): Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestinian administrated areas, Syrian Arab Republic, Tunisia

§ For these countries the costs for researchers coming to Europe is not supported by IRSES



- Flat rate €1 900 per exchanged staff member/month
- Long distance allowance + €200 per exchanged staff member/month

*(Eligible countries: Argentina, Australia, Brazil, Canada, Chile, China, India, Japan, Mexico, New Zealand, Republic of Korea, South Africa, United States)*



## Last Calls of FP7 - Total budget ~M€ 960

- **ITN** 10/07/2012 - **22/11/2012** **M€ 470.72**
- **COFUND** 10/07/2012 - **05/12/2012** **M€ 115**
- **IRSES** 10/07/2012 - **17/01/2013** **M€ 30**
- **IAPP** 02/10/2012 - **16/01/2013** **M€ 81**
- **CIG** 18/10/2012 - **07/03 + 18/09/2013** **M€ 40**
- **IEF** 14/03/2013 - **14/08/2013** **M€ 134**
- **IOF** 14/03/2013 - **14/08/2013** **M€ 44.50**
- **IIF** 14/03/2013 - **14/08/2013** **M€ 44.50**

# Get support




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## FP7 PEOPLE National Contact Points (NCP) & Contact Points in 3rd Country


[http://cordis.europa.eu/fp7/ncp\\_en.html](http://cordis.europa.eu/fp7/ncp_en.html)

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- FP7 newsroom
- Understand FP7
- Participate in FP7
- Find a call (Participant Portal)
- Register your organisation
- Prepare and Submit Proposals (EPSS)
- Get support
- Find project partners
- Find a project
- Find a document
- Register as an Expert (EMM)

### Network of National Contact Points (NCPs) in Member States and Associated States

The NCP network is the main provider of advice and individual assistance in all Member States and Associated States. By using this service you can easily find the contact details of the designated National Contact Points for your country. Since NCPs are appointed for each of the areas of FP7, when seeking support you should contact the NCP relevant to your area of interest.

**Select a country\*:** ALBANIA, AUSTRIA, BELGIUM, BOSNIA AND HERZEGOVINA

**NCP Function:** Security, Space, Ideas, **Mobility**

Free text:

Choose a sort order: Alphabetically by organisation

\* Keep the control key pressed to make more than one selection

### NCP services

As the NCPs are national structures, the type and level of services offered may differ from country to country. In general, the following basic services will be available in accordance with the [Guiding Principles](#) [PDF] agreed by all countries:

- Guidance on choosing thematic priorities and instruments
- Advice on administrative procedures and contractual issues
- Training and assistance on proposal writing
- Distribution of documentation (forms, guidelines, manuals etc.)

- National Contact Points (NCPs)
- FP7 contacts in third countries
- Non FP7 support services
- Thematic NCP Networks

- Error Report

# Opportunities for Participation



## EURAXESS mobility portal:

<http://ec.europa.eu/euraxess/index.cfm/general/index>

## Marie Curie Actions Website:

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

## Registration of experts:

<https://cordis.europa.eu/emmp7/index.cfm>

## Call deadlines in 2013:

<http://ec.europa.eu/research/participants/portal/page/people&state=open>

## To submit a proposal:

<https://cordis.europa.eu/emmp7/index.cfm>

## List of co-funded Fellowship Programmes:

<http://ec.europa.eu/research/participants/portal/page/people&cofund#List>

The screenshot shows the EURAXESS website interface. At the top left is the EURAXESS logo with the tagline 'RESEARCHERS IN MOTION'. Below the logo is a photograph of scientists in a laboratory. Overlaid on the photo are four circular icons: 'JOBS' (blue), 'LINKS' (teal), 'RIGHTS' (pink), and 'SERVICES' (yellow). At the bottom of the page, there are four columns of text corresponding to these categories: 'Jobs' (listing vacancies, fellowships, etc.), 'Services' (search for services, etc.), 'Rights' (Charter for Researchers, etc.), and 'Links' (About EURAXESS, etc.). A 'European Research Area' logo is also visible.

The screenshot shows the Marie Curie Actions website. At the top is the European Commission logo and the text 'RESEARCH & INNOVATION Marie Curie Actions'. Below this is a navigation bar with 'Home', 'About', 'Apply now', 'Funded projects', 'News and events', and 'Media library'. The main content area features a large announcement for the 'Marie Curie Actions Conference at Euroscience Open Forum (ESOF) - REGISTER NOW' in DUBLIN, scheduled for 10-11 July 2012. The announcement describes the conference as an opportunity for fellows to broaden their perspectives and includes training sessions on EU funding, patenting, and grant proposals. A 'Participant portal' is also visible on the right side of the page.



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Thank you for your attention!

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***Education  
and Culture***