



Le azioni Marie Curie individuali: ultimi bandi del 7PQ

Il futuro delle MSCA in H2020

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European Commission



Marie Curie achievements

Marie Curie last FP7 calls

- ✓ *EIF*
- ✓ *IOF*
- ✓ *IIF*
- ✓ *CIG*

Marie Skłodowska-Curie Actions:

- ✓ *Objectives and rationale*
- ✓ *Key features*
- ✓ *New actions - Building on past experience and recent developments*

Agenda

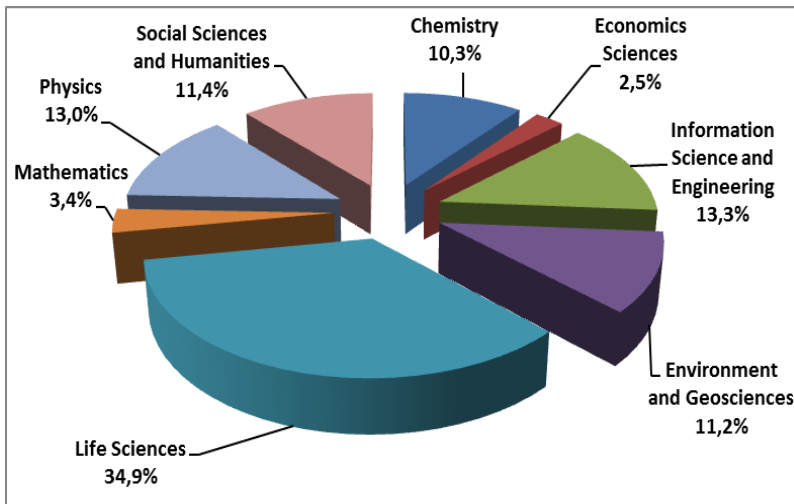
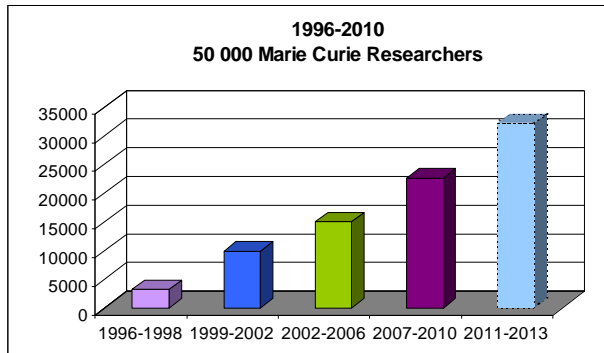


Marie Curie achievements

FP7 MCA Achievements



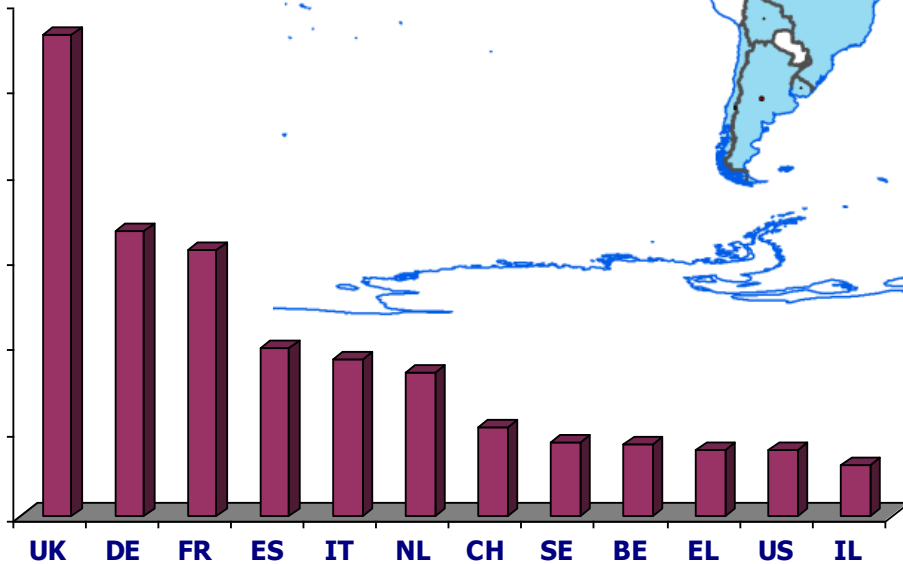
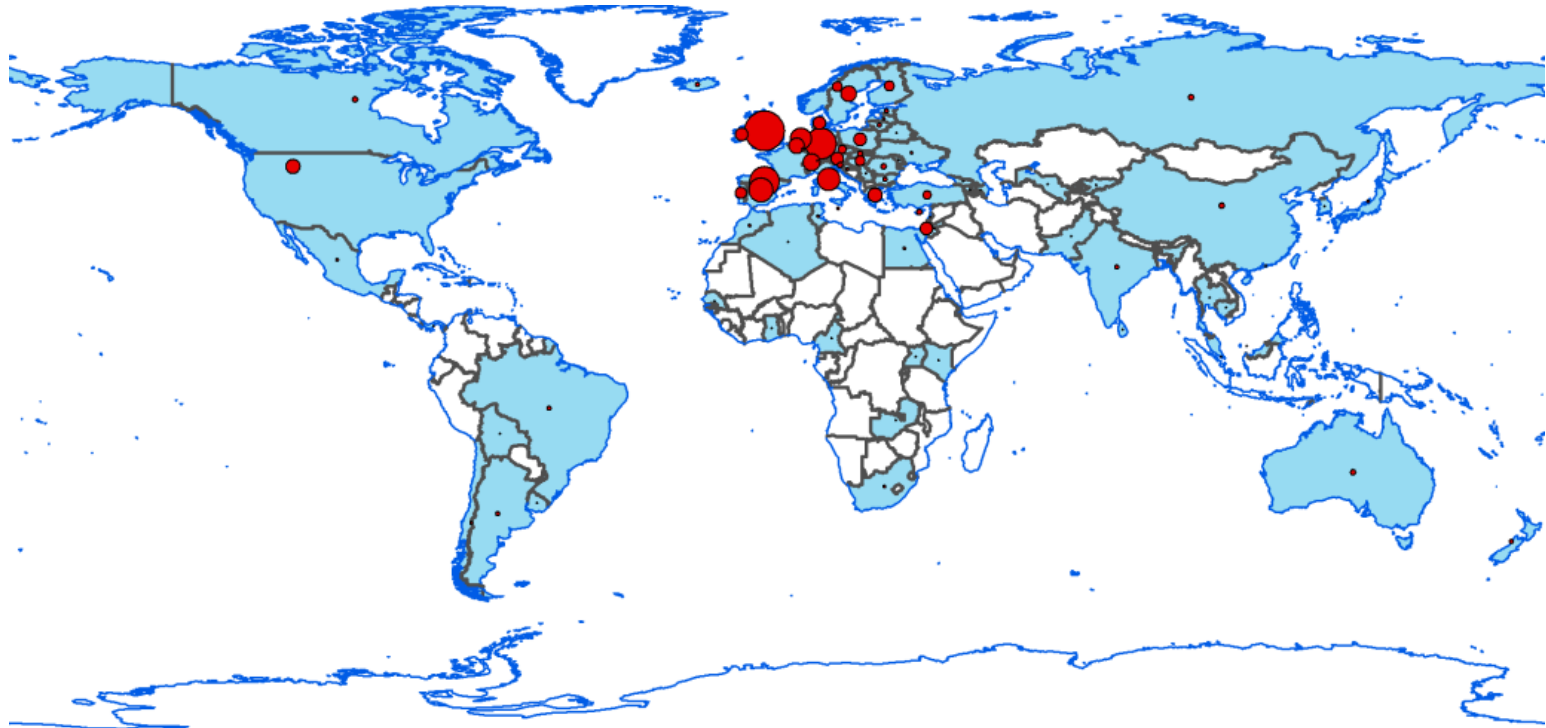
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Budget distribution by scientific panel in FP7 (bottom-up approach)

- ~ **60 000 researchers** financed since creation of MCAs
- >**10 000 PhD** supported in FP7
- Marie Curie researchers coming from all over the world (~ **130 nationalities**)
- Marie Curie host organisations in >**80 countries**
- **38% women** participation in FP7 MCA (target: 40%)
- ~**50%** of budget dedicated to research in **societal challenges**
- Bridging **academia-business** gap: ~**8 000** secondments/recruitments in ~**750** projects
- **SMEs** play a major role: in IAPP & ITN account for >**50%** of all businesses participating

Institutions



12 MAIN DESTINATIONS

Marie Curie host organisations
in around **80 countries**

FP6 and FP7 Marie Curie host organisations

FP7 People Programme Structure

Initial training of researchers

Initial Training Networks (ITN)

Life-long training and career development

Intra-European Fellowships (IEF), Career Integration Grants (CIG)
Co-funding of regional, national, international programmes (COFUND)

Industry dimension

Industry-Academia Partnerships and Pathways (IAPP)

International dimension

International Outgoing Fellowships (IOF), International Incoming Fellowships (IIF),
International Research Staff Exchange Scheme (IRSES)

Specific Support actions

Researchers' Night (NIGHT), EURAXESS

Everyone has an eligibility window

Applicants

Individual
researchers

Research
Organisations

Funding
bodies

Senior Post-docs
(MER)

> 10 years

Post-docs (ER)

> 4 years or PhD

Post-graduates
(ESR)

< 4 years

IEF

IOF

IIF

CIG

IAPP

IRSES

ITN

COFUND

Profile



Marie Curie last FP7 calls

- ✓ *EIF*
- ✓ *IOF*
- ✓ *IIF*
- ✓ *CIG*



Individual Fellowships (IxF): statistics since 2007

- More than **4 000 Marie Curie fellowship grants** have been awarded
- Fellows working in **50 countries** and representing more than **90 nationalities**
- Nearly **€780 million** has been allocated so far
- Average grant of around **€195 000**
- Around **37%** of the fellows are **women**
- The **leading destinations** are the U.K., the U.S., France, Germany, Switzerland, Spain, Netherlands and Italy

Intra-European Fellowships (IEF) 1

Objectives

- To support the best and most promising researchers in their Europe-wide career
- To enhance and maximise their contribution to the knowledge-based economy and society

Expected impact

- Career development of experienced researchers
- Competence diversification – skills acquisition at multi-interdisciplinary level and/or inter-sectoral level
- Attain a leading independent position
- Resume a career in research after a break (Career Restart Panel-CAR)

Intra-European Fellowships (IEF) 2

Intra-European Fellowships – IEF

- Career Development through the funding of a research project undertaken in an EU Member State or Associated Country

Eligibility

Postdocs or researchers with at least 4 years of research experience

Nationality

Researchers of any nationality

Mobility rule

Stays in the host country no longer than 12 months in the last 3 years

Duration

1-2 years

Topic

Open to all fields of research

Intra-European Fellowships (IEF) CAR

CAREER RESTART PANEL (only IEF)

- Encouraging researchers to return to research after a career break
- No fellowship or employment in research for at least 12 months immediately prior to the call deadline
- Modified mobility rule (3 years out of 5)
- Multidisciplinary panel

International Outgoing Fellowships (IOF) 1

Objectives

- To reinforce the international dimension of researcher careers.
- To transfer acquired knowledge to Member States (MS) and Associated Countries (AC)

Expected impact

- Significant advances in such researchers' careers
- Acquisition of complementary research competences at an advanced level
- Reach a position of professional maturity
- Resume a research career

International Outgoing Fellowships (IOF) 2

International Outgoing Fellowships – IOF

- Career Development through the funding of a research project undertaken in a Third Country

Eligibility

Postdocs or researchers with at least 4 years of research experience

Nationality

Researchers with the nationality of an EU Member State or Associated Country

Mobility rule

Stays in the host country no longer than 12 months in the last 3 years

Duration

1-2 years + 1 year obligatory reintegration phase

Topic

Open to all fields of research

International Incoming Fellowships (IIF) 1

Objectives

- To incoming top-class researchers active in a third country
- To transfer knowledge through mutual beneficial research cooperation

Expected impact

- Significant advances in such researchers' careers
- Acquisition of complementary research competences at an advanced level
- Attain a leading independent position

International Incoming Fellowships (IIF) 2

International Incoming Fellowships – IIF

- Career Development through the funding of a research project undertaken in an EU Member State or Associated Country

Eligibility

Postdocs or researchers with at least 4 years of research experience

Nationality

Researchers of any nationality active in a Third Country

Mobility rule

Stays in the host country no longer than 12 months in the last 3 years

Duration

1-2 years + 1 year optionally reintegration for researchers from ICPC

Topic

Open to all fields of research

Funding rates (IEF, IOF, IIF)

- **Salary** contribution (experience) & **Mobility allowance** (700/1000 € month)
- Contribution to **Training and Research** costs (800 € month)
- **Overheads** (max. 700 € month)
- **Also to be competitive there is the Country coefficient**

Researcher's salary (IEF, IOF, IIF)

- Includes all employer's costs such as social security and pension contributions

Yearly reference rates for monthly living allowances (to cover salary) under employment contracts

• Researchers Categories	EUR/year
• Experienced researchers (< 10 years experience)	58
500	
• Experienced researchers (>10 years experience)	87
500	

Career Integration Grants (CIG)

1. For *Experienced* Researchers
 - **Must have a PhD or at least 4 years of research experience**
2. Researchers can be of any nationality
3. Researchers must move country to take up research job in a MS/AC (must comply with *Mobility Rule*)
 - **During the past 36 months max 12 months spent in host country**
 - **No nationality requirement => Possible to return to home country**
4. Duration of CIG grant: up to 48 months
5. Host offers full time post for *at least* the duration of the CIG grant.
6. EU contribution: 25 000 EUR/year



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ROADMAP 2013	Deadline	Budget
<u>FP7-PEOPLE-2013-IEF</u>	14 August	134 M€
<u>FP7-PEOPLE-2013-IOF</u>	14 August	44,5M€
<u>FP7-PEOPLE-2013-IIF</u>	14 August	44,5M€
<u>FP7-PEOPLE-2013-CIG</u>	7 March 18 September	40 M€

Marie Curie - Typical success rates

MC Calls	Success rates
IEF	18%
IIF	15%
IOF	20%
CIG	31%

Evaluation criteria – Address ALL

- *Science and Technology approach -IxF- (3): Threshold 3, Weighting 25%*
 - S&T quality, Research methodology, Originality and innovation, Timeliness and Relevance of the project, Host Expertise, Quality of supervisors
- *Training -IEF, IOF- (2): Threshold 3, Weighting 15%*
 - Clarity and quality of research training objectives, Relevance and Quality of additional scientific training, Host expertise in training experienced researchers
- *Transfer of Knowledge -IIF- (2): Weighting 15%*
 - Potential of transferring knowledge, Clarity and quality of the transfer of knowledge objectives
- *Researcher -IxF- (1): Threshold 4, Weighting 25%*
 - Research experience and results, Leadership, Match, Potential
- *Implementation -IxF- (5): Weighting 15%*
 - Feasibility and credibility of the project, Workplan, Infrastructure, Administration
- *Impact - IxF- (4): Weighting 20%*
 - Potential to acquire competences, Contribution to career development, Long-term collaboration, Contribution to REA and EU competitiveness

Hints for a successful proposal

- *The evaluators may not all be world experts in exactly the area of your proposal – **avoid using very specific jargon and acronyms***
- *Provide the evaluators with **evidence** for your claims, but avoid external resources (links to websites etc.)*
- *Graphics and charts can be very helpful, but don't overdo it! Make sure they are **readable in black & white**.*
- ***Explain the contribution** that your project is expected to make. Your project should be innovative and original. It should not look like a continuation of a PhD.*
- *Demonstrate the **expertise of the host institution** as well as the expertise of the scientific in charge in the field of research you want to explore. Information must be given on host's expertise in training experienced researchers and capacity to provide mentoring/tutoring.*
- *Describe how this project will **contribute to your own career**. The potential to acquire new competencies should be clearly described.*
- *Find a **successful proposal** (Google also helps – "Part B")*
- ***Use the support services** available to you – they are there to help YOU*



Other opportunities for individual researchers via HOST driven actions of Indirectly funded fellowships

ITN
IAPP
COFUND



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MCA vacancies on EURAXESS Jobs

The screenshot shows the EURAXESS Jobs website interface. At the top, there is a navigation bar with the European Commission logo and the text "European Commission". Below this is a search bar and a navigation menu. The main content area is divided into several sections:

- Job vacancies & Fellowship Programmes**: 7061 offers available. Includes a search bar and a "Search" button.
- By directory**: A list of categories including "Country", "Research field", "Marie Curie vacancies", "Research Profile", and "European Research Council vacancies". The "Marie Curie vacancies" link is circled in blue, and a blue arrow points to it from the top of the page.
- My EURAXESS**: A section for users to publish job vacancies or post their CV. It includes fields for "User Account", "Password", and a "Login" button.
- Latest Jobs**: A section for the most recent job postings, with a sample entry for "Contract Research Officer - Food Scientist".
- News and Events**: A section for news, including a link to "Evaluate EURAXESS: take part in the on-line survey!".
- find your National EURAXESS Portal**: A section for finding national portals.
- EURAXESS WIDGETS**: A section for adding job vacancies search to web pages.



Participant portal (calls, submission...):

<http://ec.europa.eu/research/participants/portal/page/people>

Marie Curie Actions:

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

National Contact Points:

<http://ec.europa.eu/research/participants/portal/page/nationalcontactpoint>

FAQ: http://ec.europa.eu/research/mariecurieactions/faq_en.cfm

Jobs supported - Euraxess:

<http://ec.europa.eu/euraxess/index.cfm/jobs/jvSearchData/mc/add/1>

Registration of experts - evaluators:

<http://ec.europa.eu/research/participants/portal/page/experts>



Marie Skłodowska-Curie Actions in H2020:

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Horizon 2020

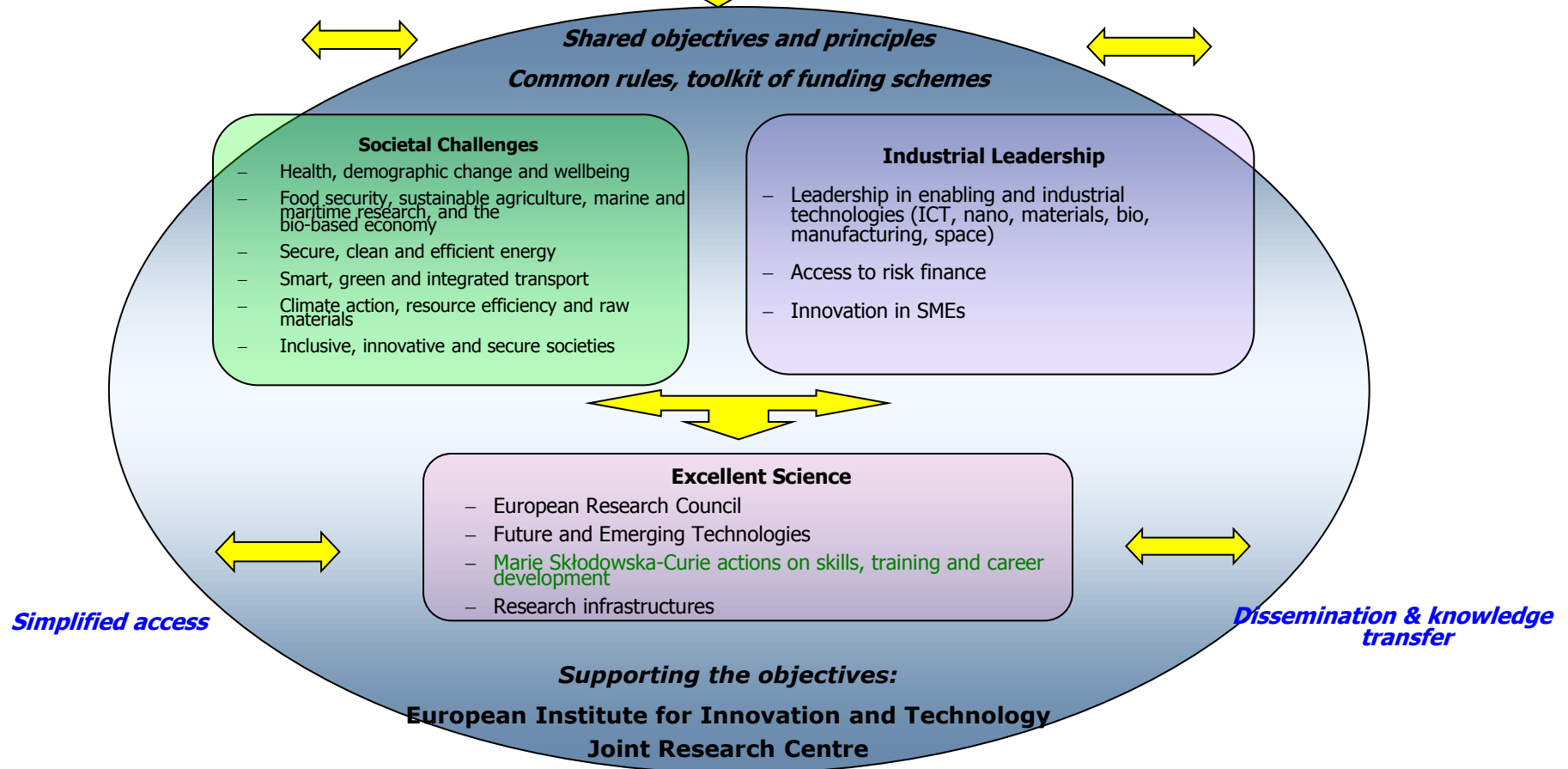


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Europe 2020 priorities

International cooperation

European Research Area





Horizon 2020 - New actions 2014-20

- *MC will continue as the Marie Skłodowska-Curie Actions (MSCA)*
- *Funding levels ~maintained*
- *Broad Schemes ~maintained*
- *Simplification in Implementation ~*
- *Bi-Annual Work programmes*



- **Main objective**

Ensure the optimum development and dynamic use of Europe's intellectual capital in order to generate new skills and innovation

- **Rationale**

- ✓ Encourage new, creative types of training
- ✓ Identify excellent talents in research and innovation in international competition
- ✓ Make best researchers in Europe and the world work together across countries, sectors and disciplines
- ✓ Create a whole new mind-set in Europe, crucial for entrepreneurship and innovation



Marie Skłodowska-Curie Actions under Horizon 2020

Proposed Budget (2014-2020): € 5.75 billion

- 1. *Fostering new skills through excellent **initial training** of researchers***
- 2. *Nurturing **excellence** through cross-border and cross-sector **mobility*****
- 3. *Stimulating innovation through **cross-fertilisation** of knowledge***
- 4. *Increasing structural impact by **co-funding** the activities***
- 5. *Specific support and policy action***

Horizon 2020





MSCA - main EU programme for structured doctoral training



- ✓ Dedicated to **early-stage researchers** (no ER recruitment)
- ✓ Involving **wide partnership of institutions** from academic and non-academic sectors
- ✓ Based on FP7 ITNs experience + support to joint doctorates
- ✓ Addressing **triple 'i'** dimension of mobility
- ✓ Combining **scientific excellence** with **innovation-oriented approach**
- ✓ Developing **entrepreneurship** and **skills** matching research labour market needs
- ✓ Enhancing **employability** of researchers

Individual Fellowships (IF)



- ✓ Opportunities for **international and inter-sector mobility** of ER to facilitate career moves
- ✓ Enhance competences and creative **potential of best researchers**, European and non-European willing to work in the EU
- ✓ Encompass intra-European, incoming, outgoing mobility and re-integration
- ✓ Possibility of inter-sector secondments

Research and Innovation Staff Exchange (RISE)



- ✓ **New type of exchange of staff action to stimulate **transfer of knowledge****
- ✓ **Flexible inter-sector (within Europe) and international (with 3rd countries) exchanges of **highly skilled research and innovation staff****
- ✓ **No recruitment foreseen**
- ✓ **Single eligibility rule for partnership consortia**
- ✓ **Based on a **common research project****





- ✓ **Stimulating regional, national and international programmes to foster excellence**
- ✓ **Spreading best practices of MSCA in terms of international mobility, research training, career development**
- ✓ **Extended to doctoral training**
- ✓ **Building on experience from FP7 COFUND – evaluation results available:**
 - **COFUND is enhancing the international dimension of a number of national and regionally-based fellowship programmes in ways that are not open to Individual Fellowships**
 - **Modest positive impact on operational and administrative procedures of host institutions (COFUND)**
 - **Contributing to a gradual 'levelling up' in employment conditions for researchers**



Council

Framework Programme Regulation:

- ✓ Partial General Approach (PGA) reached on 31 May 2012

Rules for Participation and Dissemination:

- ✓ PGA reached on 10 October

Specific Programme:

- ✓ PGA reached on 11 December 2012

MSCA:

- ✓ Impact across the programme on the innovativeness of the private sector
- ✓ Importance of industrial doctorates
- ✓ Mobility for European brain gain – importance of (re)integration
- ✓ Extension of co-funding, involve private sector
- ✓ Synergies with Erasmus for All, Structural Funds, KICs

Inter-institutional discussions



European Parliament

ITRE Committee vote on 28 November 2012

- ✓ Importance of widening participation
- ✓ Building synergies between Horizon 2020 and Structural Funds
- ✓ Establishing bridges with national and regional initiatives
- ✓ 20% of budget for SMEs
- ✓ Open access to publications and scientific data

MSCA:

- ✓ Increase of budget (from 7.2% to 8.3% of H2020)
- ✓ Importance of joint and industrial doctorates
- ✓ Promoting excellence in less innovation performing regions
- ✓ Measures to remove obstacles to the mobility of female researchers
- ✓ Support for outgoing mobility followed by return to Europe
- ✓ "Seal of excellence" on positively evaluated projects (not funded)



Marie Curie Actions Website

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

Horizon 2020

<http://ec.europa.eu/research/horizon2020>



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Grazie per l'attenzione !



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