



# Marie Skłodowska-Curie Actions in H2020

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European Commission

MSCA  
Research  
Executive  
Agency

# Horizon 2020



THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

## HORIZON 2020



**Budget €70 billion**

**Duration 2014-2020**

**A simpler programme**

**Challenge based**

**Coupling R&I**

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

## HORIZON 2020

**€6162 million**



**Providing training & career development opportunities**

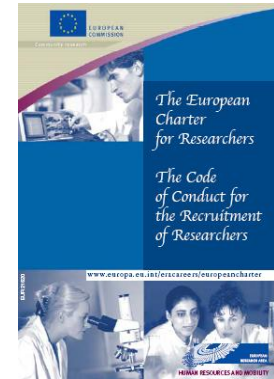
**Excellence**

**Research**

**Training**

**Skills**

**Mobility**





## MSCA main objective for H2020:

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

**Total budget** (2014-2020): **€ 6.126 billion** (current prices)



# MSCA Objectives

- Attract and retain **research talent** in Europe
- Develop state-of-the-art, **innovative training schemes**, consistent with the requirements of R&I
- Promote sustainable **career development** in R&I
- Focus on **delivering new knowledge and skills**
- Back up **strong partnership with MS** via co-funding mechanism

## MSCA key features



- Open to **all domains of R&I** from **basic to market**
- Entirely bottom-up
- Participation of **non-academic sector** strongly encouraged
- **Mobility** key requirement - funding condition: participants move
- Promotion of **attractive working and employment conditions**
- Particular attention to **gender** balance
- **Public engagement** of supported researchers

# Who, what and where?



**Who? All levels** of research experience

**What? All areas** of research - bottom-up approach

**Where? Anywhere:** any research performing organisation, public or private worldwide - there are actions for European and international mobility

**EU contribution based on unit costs** calculated on the basis of the number of researcher-months:

- *Allowances for researcher (living, mobility and family)*
- *Unit costs for research, training and networking*
- *Unit costs for management and overheads*

# FP7 vs Horizon 2020:



**FP7**

**H2020**

**ITN**



**ITN**

Early-stage  
Researchers

**Innovative Training Networks**

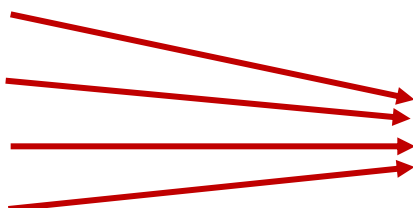
*European Training Networks, European  
Industrial Doctorates, European Joint  
Doctorates*

**IEF**

**IOF**

**IIF**

**CIG**



**IF**

Experienced  
Researchers

**Individual Fellowships**

*European Fellowships and Global Fellowships  
Dedicated support for career restart and  
reintegration*

**IAPP**

**IRSES**



**RISE**

Exchange of  
Staff

**Research and Innovation  
Staff Exchange**

**COFUND**



**COFUND**

**Co-funding of regional, national  
and international programme**  
*Doctoral programmes, Fellowship  
programmes*





## Calls:

- Yearly (first calls – RISE and ITN opened in December 2013 - launch of the Horizon 2020)
- 2014-2015: 10 calls foreseen -> one call per each MSC action / per year +
  - one call covering 2 years of Researchers' Night
  - one covering 2 years of NCP
- Application through the Participant portal
- National Contact Points to be consulted

# MSCA calls



<b>ITN</b>	<b>11/12/2013 – 9/04/2014</b> 2/09/2014 – 13/01/2015	EUR 405.18 million in 2014 EUR 370 million in 2015
<b>IF</b>	<b>12/03/2014 – 11/09/2014</b> 12/03/2015 – 10/09/2015	EUR 240.50 million in 2014 EUR 213.00 million in 2015
<b>RISE</b>	<b>11/12/2014 – 24/04/2014</b> 6/01/2015 – 28/04/2015	EUR 70.00 million in 2014 EUR 80.00 million in 2015
<b>COFUND</b>	<b>10/04/2014 – 2/10/2014</b> 14/04/2014 – 1/10/2015	EUR 80.00 million in 2014 EUR 80.00 million in 2015
<b>NIGHT</b>	<b>11/12/2014 – 4/03/2014</b>	EUR 8.00 million



- **Academic sector:** public or private HEI awarding academic degrees, public or private non-profit research organisations, international European interest organisations
- **Non-academic sector:** any socio-economic actor not included in academic sector definition
- **Beneficiaries** => signatories of GA
- **Partner organisations** => not signing GA
- Categories of researchers: **ESR & ER** – in line with FP7 approach
- **Full time research equivalent & mobility** rule – following FP7 approach
- **Staff members** in RISE: researchers, innovators, managers, administrative and technical staff

# MSCA in H2020 in details...



# Individual Fellowship



## IF- Individual Fellowship:

Post-doctoral fellowships for outstanding researchers

**Mono-beneficiary** project

Only for **experienced researchers**

- In possession of a doctoral degree, or have 4 years of full-time research experience at the time of the call deadline
- Two types depending on the mobility of the researcher

Within Europe - **European Fellowships**

Outside Europe - **Global Fellowships**



## Objective:

- enhance the creative and innovative potential of experienced researchers
- opportunities to acquire new knowledge, work on research projects in a European context or outside Europe,
- resume a career or return to Europe - Career Restart Panel and Reintegration Panel



- **Duration** of projects: 2 years (IF Global: 3 years)
- Support to experienced researchers of **any nationality**
- International mobility within or into Member States (MS) and Associated Countries (AC)
- **Experienced researchers** only
- **Mobility rule:** Applicants must not have resided or carried out their main activity in the country of the host organisation for more than 12 months in the 3 years immediately prior to the call deadline
- Focus on **career development**, not necessarily experience
- Additional 3 or 6 month **secondment option**, within Europe & in another sector



IF – overview



INDIVIDUAL FELLOWSHIPS		EUROPEAN			GLOBAL
		Scientific	CAR	REINTE-GRATION	GF
EXPERIENCED RESEARCHERS	Nationality	ANY	ANY	MS, AC or long-term residents	MS, AC or long-term residents
	Mobility	From ANY country to MS or AC	From ANY country to MS or AC	From OTC to MS or AC	From ANY country to OTC
		< 12 months in the last 3 years	< 36 months in the last 5 years	< 36 months in the last 5 years	< 12 months in the last 3 years
	Career break in research	-	≥ 12 months prior to call deadline	-	-
PARTICIPANTS	Beneficiary	MS or AC	MS or AC	MS or AC	MS or AC
	Partner Organisation	MS or AC (secondments)	MS or AC (secondments)	MS or AC (secondments)	OTC (outgoing phase)
					MS or AC (secondments)
DURATION months		12 - 24	12 - 24	12 - 24	12 to 24 + 12
SCIENTIFIC PANELS		8	8	8	8
RANKING LIST		8	1	1	8
BUDGET: €240.50 million		€ 211.5 million			€ 29 million



	Researcher unit cost [person/month]			Institutional unit cost [person/month]	
	Living allowance*	Mobility allowance	Family allowance	Research, training & networking costs	Management & overheads
Individual Fellowships	4 650	600	500	800	650

## IF Call open

Opened: 12 March 2014

Closes: 11 September 2014 @ 17:00:00 CET

# COFUND



## Objective

- stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development

## Scope

- international, intersectoral and interdisciplinary research training, as well as transnational and cross-sector mobility of researchers at all stages of their career
- Possibilities of synergies with structural funds
- Opportunities for researchers from all countries
- Researchers to comply with the mobility rules of the MSCA
- Open and transparent recruitment, vacancies widely publicised

- Mono-beneficiary
- Legal entities (public & private) established in MS or AC & international European interest organisations



**Doctoral  
Programmes**



**Fellowship  
Programmes**

- **Budget:** € 80 Million in 2014 (Doctoral Programmes: 30 Mio)  
€ 80 Million in 2015 (Doctoral Programmes: 30 Mio)
- Maximum **€ 10 Million per single applicant** per call
- **Duration of projects:** maximum 5 years
- **Duration of Fellowships:** minimum 3 months
- EU contribution to cover living allowances for researchers and management costs
- **50% co-funding** for established unit costs
- Minimum living allowance fixed in the WP

## COFUND - financial



	Researcher unit cost [person/month]		Institutional unit cost [person/month]
Co-funding of regional, national & international programmes	Early-stage researchers	3500	650
	Experienced researchers	5250	

\* **50% co-funding** for established unit costs





# Innovative Training Networks ITN

- Main EU programme for structured **doctoral training**
- Dedicated to **early-stage researchers** (no experienced researcher recruitment)
- Involving **wide partnership of institutions** from academic and non-academic sectors
- 3 modes:
  - **ETN (European Training Networks)**
  - **EID (European Industrial Doctorates)**
  - **EJD (European Joint Doctorates)**
- Combining scientific excellence with innovation-oriented approach
- Developing entrepreneurship and skills matching research labour market needs
- Enhancing employability of researchers
- Strong involvement of **commercial entities in training**





- Consortium applies for funding
  - consortium then recruits the researchers
- Employment contracts with full social security
- All projects publish their vacancies on EURAXES
  - automatically in *NatureJobs*
- Duration of projects: 4 years
- Consortium agreement: required only for EID, for others recommended
- Support to early-stage researchers only
- Fellowships of 3-36 months (normally 36 months)
- Maximum 540 researcher-months per consortium (180 for EID with 2 partners)



### ETN - European Training Networks

- at least 3 beneficiaries from 3 different EU MS or AC. Above this minimum any country can participate

### EID - European Industrial Doctorates

- at least 2 beneficiaries established in 2 different MS or AC.
- At least one beneficiary must be entitled to award doctoral degrees and at least one beneficiary must come from the non-academic sector, primarily enterprise.
- Each researcher - enrolled in a doctoral programme and spend at least 50% in the non-academic sector.
- The joint supervision of fellows by supervisors from each sector is mandatory.

### EJD - European Joint Doctorates

- at least 3 beneficiaries from different EU MS or AC which are entitled to award doctoral degrees.
- creation of joint doctoral programmes, leading to the delivery of joint, double or multiple doctoral degrees.

### EJD

- A **joint degree** refers to a single diploma issued by at least two higher education institutions offering an integrated programme and recognised officially in the countries where the degree-awarding institutions are located.
- A **double or multiple degree** refers to two or more separate national diplomas issued by two or more higher education institutions and recognised officially in the countries where the degree-awarding institutions are located.

## Beneficiaries

*Sign the Grant Agreement and **claim costs***

*Are responsible for the execution of the programme*

## Partner Organisations

*Do not sign the Grant Agreement and do not claim costs*

*Must include a **letter of commitment** in the proposal*

# ITN – Financial



	Researcher unit cost [person/month]			Institutional unit cost [person/month]	
	Living allowance*	Mobility allowance	Family allowance	Research, training & networking costs	Management & overheads
ITN	3 110	600	500	1 800	1 200

## Call Open

Opened: 11 December 2013

Closes: 9 April 2014 @ 17:00:00 CET





# Research and Innovation Staff Exchange RISE

Minimum eligibility conditions:

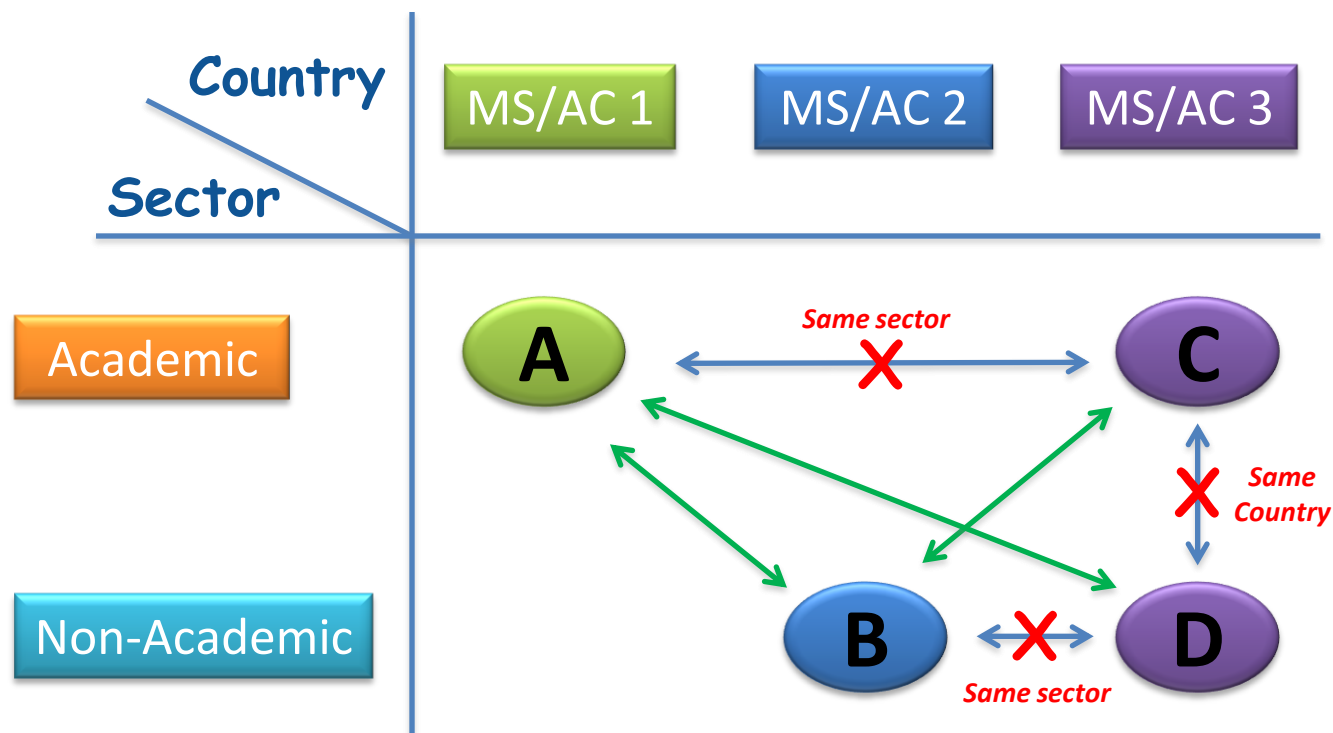
At least 3 independent participants in 3 different countries

At least 2 participants from 2 different MS/AC

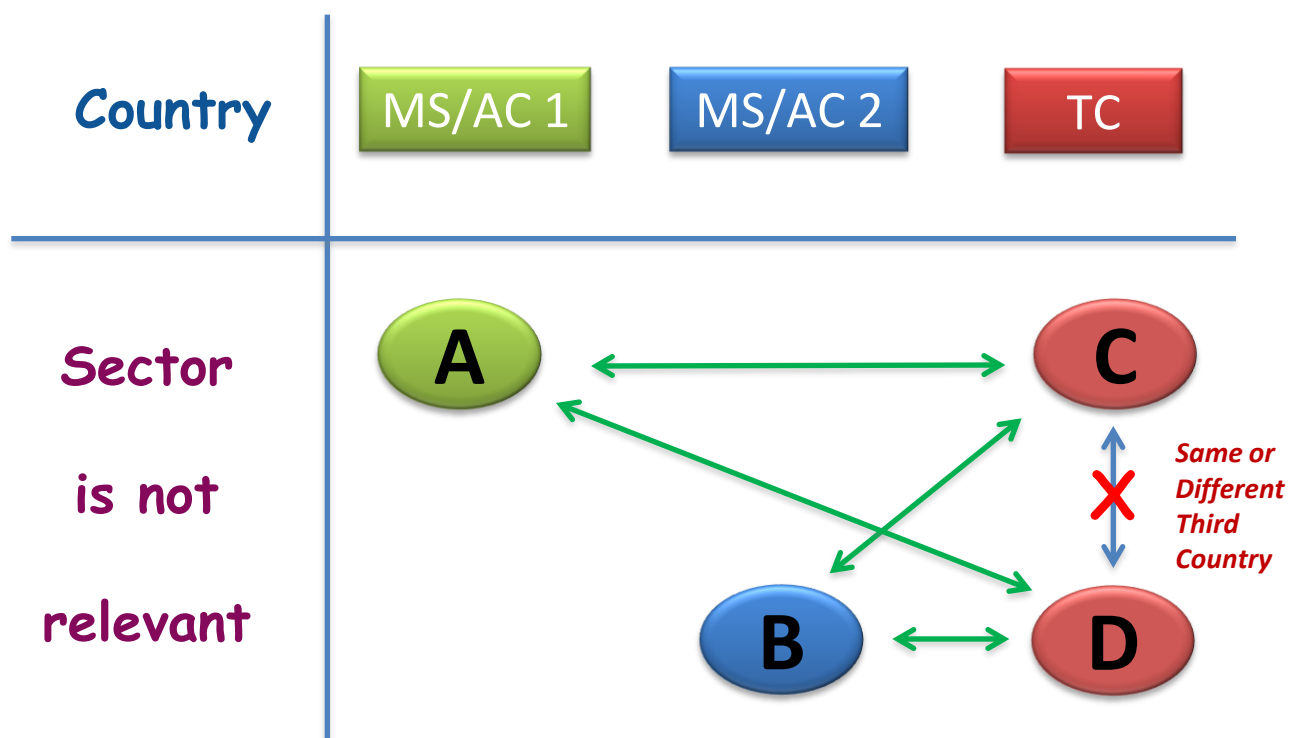
If all in MS/AC: at least 1 academic and 1 non-academic

In practice, 2 possible settings:

## Intra-European Exchanges



## Europe-Third Countries Exchanges



Secondments from a TC to a MS/AC are not always eligible for EU funding but all of them must be described in the proposal.

## Countries not eligible for EU funding:

Australia, Brazil, Canada, China, India, Japan, Mexico, New Zealand, Republic of Korea, Russia, United States.

In **very exceptional cases**, partners from those countries might be funded. But the following conditions have to be fulfilled:

- a) This partner has competences/expertise that no organisation in MS/AC has
- b) The relevant transfer of knowledge can only be done via a secondment in the direction TC → MS/AC
- c) Points a) and b) must be endorsed by the expert evaluators
- d) The experts' endorsement (point c) must be confirmed by the REA

- **Duration of projects:** max. 4 years
- Partnership agreement recommended
- Support to **secondments** of staff members for 1-12 months
- No mobility rule required
- **Eligibility condition for staff members:** 6 months at sending institution prior to first secondment
- **Max. 540 researcher-months** /consortium
- Types of staff members:
- **ESR** (no PhD and < 4 years experience)
- **ER** (PhD or > 4 years experience)
- **Managerial** staff
- **Administrative** or **Technical** staff
- In-built **return** mechanism

## Beneficiaries

***Sign** the Grant Agreement and **claim costs***

*Are responsible for the execution of the programme*

*Are established in a **MS/AC***

## Partner Organisations

*Do not sign the Grant Agreement and do not claim costs*

*Must include a **letter of commitment** in the proposal*

*Are established in a **TC***

## For secondments eligible for funding:

Marie Skłodowska-Curie Action	Staff member unit cost * <i>person/month</i> Top-up allowance	Institutional unit cost * <i>person/month</i>	
		Research, training and networking costs	Management and indirect costs
Research and Innovation Staff Exchange	2 000	1 800	700

\*These unit costs are subject to a funding rate of 100% and no country coefficients apply.



## Call open

Opened: 11 December 2014

Closes: 24 April 2014 @ 17:00:00 CET

## Award criteria:

- **Excellence** (50%)
- **Impact** (30%)
- **Implementation** (20%)



## **Marie Skłodowska-Curie Actions Website**

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

## **Horizon 2020**

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

## **Participant Portal (applications)**

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

# Experts wanted!



## RESEARCH & INNOVATION

### Participant Portal

European Commission > Research & Innovation > Participant Portal > Experts

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT ▾



LOGIN

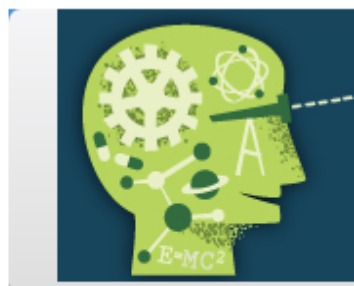


REGISTER

#### News

H2020 call for expression for interest for experts (11/2013)  
New calls for expression of interest [for individual experts](#) and [for organisations to suggest experts](#) were just published in [OJ C342 of 22 November 2013](#).  
European Commission will soon need experts to evaluate first Horizon 2020 proposals. Don't forget to tick the H2020 box in the registration platform and update your expertise.

#### Quick Links



## Experts

H2020 ONLINE MANUAL

Join the database of independent experts for European research and innovation.

The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

### New experts

#### Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields of research and innovation ([see call](#) for details on types of expertise).
- can be available for occasional, short-term assignments

REGISTER AS EXPERT

#### What do expert assignments involve?

Experts, as peer reviewers, assist in the:

- **evaluation** of proposals
- **monitoring** of actions

In addition, experts assist in the :

- **preparation, implementation or evaluation of programmes** and **design of policies**.

***Ďakujem  
za pozornosť***

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