



## HORIZON 2020: I BANDI MARIE SKŁODOWSKA-CURIE E L'EUROPEAN RESEARCH COUNCIL (ERC)

Angelo D'Agostino, 14 novembre 2016 Università degli Studi di Napoli "L'Orientale"

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# Agenda

	.'Orientale"		
Prof. Giorgio Banti, Pro Rettore Vicario Università degli Studi di Napoli "L  109.30 Introduzione ai lavori Marco Matarese, Coordinatore APRE Campania  DOCENTE: Angelo D'Agostino, National Contact Point Horizon 2020-Marie Skłodows Science with and for Society, ERC (APRE – Agenzia per la promozio Europea)  Le Azioni Marie Skłodowska-Curie (MSCA):  Obiettivo Struttura Definizioni  Individual Fellowships (IF) Obiettivo European Fellowship e Global Fellowship Contributo comunitario	'Orientale"		
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<ul> <li>European Fellowship e Global Fellowship</li> <li>Contributo comunitario</li> </ul>			
Research and Innovation Staff Exchange (RISE)			
11.00 • Obiettivo			
Consorzio     Contributo comunitario			
11.30 Pausa caffè			
Innovative Training Network (ITN)			
Obiettivo			
• Consorzio			
Attività     Contributo comunitario			
Contributo comunitario			
12.15 Il Consiglio Europeo della Ricerca: struttura e <i>mission</i>			
Schemi di finanziamento e regole di partecipazione:			
• Starting Grant (StG),			
Consolidator Grant (CoG),			
Advanced Grant (AdG)			
13.00 Fine Lavori	Fine Lavori		
14.00 Incontri bilaterali con i ricercatori			
) Fine lavori			









### Horizon 2020

#### **Excellent science**

- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie actions
- European Research Infrastructures, including e-Infrastructures

#### Industrial leadership

- Leadership in enabling and industrial technologies
  - Information and Communication Technologies
  - Nanotechnologies, Advanced Materials, Advanced
     Manufacturing and Processing, and Biotechnology
  - Space
- · Access to risk finance
- Innovation in SMEs
  - The SME Instrument
  - The Eurostars programme

### Societal challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world inclusive, innovative and reflective societies
- Secure societies protecting freedom and security of Europe and its citizens.

Fast Track to Innovation Pilot (2015-2016)

Spreading Excellence and Widening Participation

Science with and for Society

European Institute of Innovation and Technology (EIT)





## Keywords

entrepreneurial

mobility

innovative

joint research training

**Innovative Training Networks (ITN)** 

doctoral training early-stage researchers

researchers

innovation staff

cross-sector

enhancing the skills

knowledge-exchange opportunities

public engagement

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

new knowledge

cross-border

diversify restart reintegration restart Individual Fellowships

skill acquisition new knowledge

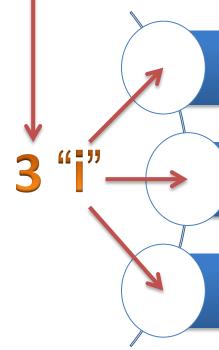
secondments

knowledge inter-sector
Research and Innovation Staff
Exchange (RISE)
international





# Mobility



International

Interdisciplinary

Intersectorial







## **MSCA** Objective

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

**Budget 2014-2020:** 6 162 million €







## **Definitions**

Participants are organisations from the academic or the non-academic sector. These two sectors are defined as follows:

### **Academic sector**

- public or private
   HEI awarding
   academic degrees,
- public or private non-profit research organisations,
- international European interest organisations

inter-sector collaboration

### Non-academic sector

 any socio-economic actor not included in the academic sector definition







## **Definitions**

### **Beneficiaries**

Beneficiaries are the legal entities that sign the grant agreement and have the responsibility for the proper implementation of the action. They contribute directly to the implementation of the research, transfer of knowledge and training activities.

## Partner organisations

Partner organisations are institutions that provide additional training and host the researcher during secondments. The partner organisations do not recruit any researchers and do not sign the grant agreement. As such partner organisations cannot directly claim any costs from the action









## Researchers

Early-stage researchers (ESR)

≤ 4 years full-time equivalent research



Experienced researchers (ER)



or

≥4 years *full-time* equivalent research experience

**Full-time equivalent research experience** is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate





# Bottom-up approach

Research fields are freely chosen by the applicants, except:

- research activity aiming at human cloning for reproductive purposes
- research activity intended to modify the genetic heritage of human beings which could make such changes heritable
- research activities intended to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer
- areas of research covered by the EURATOM Treaty







### **MSCA**

### **ITN- Innovative Training Network**

Early-Stage Researchers Innovative networks supporting early-stage training (Including *Industrial doctorates* & *Joint doctorates*)

### **IF- Individual Fellowship**

Experienced Individual fellowship supporting experienced

Researchers researchers undertaking mobility

### **RISE- Research Innovation Staff Exchange**

Exchange of Staff

International and inter-sector cooperation through

research and innovation staff exchange

### **COFUND**

Co-funding

Co-funding of regional, national and international programmes funding doctoral and postdoctoral researchers









## Marie Skłodowska-Curie Actions – Individual Fellowships (IF)

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## Why?

Are you an experienced researcher thinking about your next career move?

Individual Fellowships fund researchers looking to enhance their career development and prospects by working abroad.









# Individual Fellowships (IF)

### Objective

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

### Scope

- Individual, trans-national fellowships awarded to the best or most promising researchers
- European Fellowships or Global Fellowships

### **Expected Impact**

- release the full potential of researchers and to catalyse significant development in their careers in both the academic and non-academic sectors
- strengthen the contact network of the researcher and the host organisation







## Example

### An IF action in practice

IF offers appropriate funding for experienced researchers who move to another country for research, innovation, training and networking activities.

The proposal is built around a concrete plan of training-through-research (Career Development Plan) at the host organisation. In addition to research objectives, this plan comprises the researcher's training and career needs, including training on transferable skills, planning for publications, and participation in conferences.

The researcher is therefore expected to implement the research/innovation activities also by means of organising/taking part in training courses, workshops, summer schools, seminars, conferences, etc. aimed at sharing knowledge, acquiring new skills and developing careers.

Appropriate supervision and support is provided to researchers by the host organisation through the supervisor(s). Regular meetings between the supervisor and the researcher will be the backbone for the planning and the implementation of the research and innovation action.

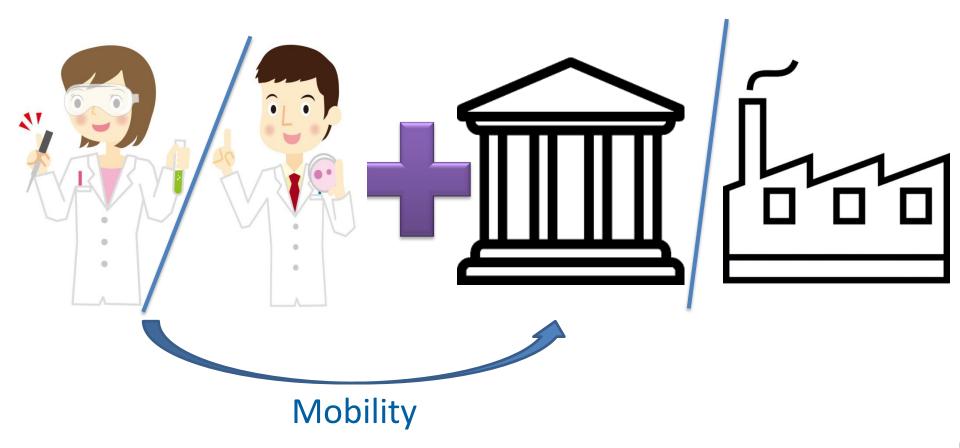
Proposals should consider these elements and provide a convincing concept and workplan.







# Individual Fellowships (IF)









# Mobility rule

For Standard (ST) the researcher must not have resided or carried out his/her main activity (work, studies, etc.) in the country of the host organisation for more than 12 months in the 3 years immediately prior to the deadline for submission of proposals.











# Individual Fellowships (IF)

### Reading the Guide for Applicants:



[...]

✓ This action provides financial support for individual experienced researchers who want to work in host organisations established in EU Member States (MS) or Associated Countries (AC)\*.

✓ The Global Fellowship option also includes an initial period spent in a Partner organisation located outside of Europe MS or AC.

[...]





<sup>\*</sup> AC: <a href="http://ec.europa.eu/research/participants/data/ref/h2020/grants\_manual/hi/3cpart/h2020-hi-list-ac\_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/grants\_manual/hi/3cpart/h2020-hi-list-ac\_en.pdf</a>? =58655886



# Individual Fellowships (IF)

### Reading the Guide for Applicants:



The project proposals are submitted by the **host organisation**, which is represented by the **supervisor**, <u>in</u> <u>liaison</u> with the **researcher**.

The **submission of the proposals** falls under the **full responsibility of the supervisor** (and any other actions that follow this procedure like withdrawal or request for evaluation review).

Technically it is possible for both the researcher and the supervisor to create, modify and submit the proposal in the electronic submission system SEP. However it must be emphasised that the submission by the researcher must be made with the agreement of the supervisor It is important to note that the Experienced Researcher (future fellow) and the supervisor must be two different people.





### **Individual Fellowship**

**European** Fellowship

Global Fellowship



Only one proposal per experienced researcher can be submitted for this call of proposals

Standard European Fellowship

> Career Restart Panel

Reintegration Panel

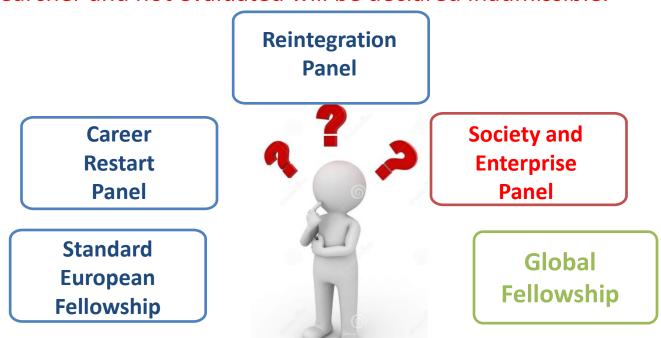
Society and Enterprise Panel





## Only one proposal

Only one proposal per individual researcher will be evaluated under this
call for proposals. In the event of multiple submissions, the REA contacts
the applicants, who choose the proposal to be evaluated. In case no reply
is received, or in case of doubts, the first submitted proposals will be
evaluated. In any case, the other proposals submitted by the same
researcher and not evaluated will be declared inadmissible.

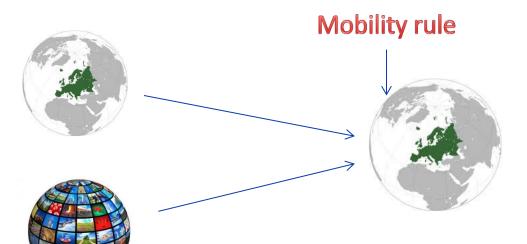








# IF – European and Global



European Fellowships

EFs: 12-24 months

# Global Fellowships

GFs: 12-24 months for the outgoing phase plus 12 month return phase in Europe













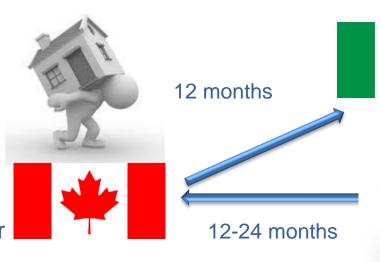
# IF – European and Global

European Fellowships

Academic Sector or Non-Academic Sector

Global Fellowships

Academic Sector
or
Non-Academic Sector



Academic Sector or Non-Academic Sector









# IF - Participants

### **Beneficiary**

✓ Beneficiary is the host organisation that not only recruits, supervises and assures the training of the researcher, but also appoints the scientist in charge. The Beneficiary signs the grant agreement, receives funding, claims costs and takes complete responsibility for executing the proposal.

### **Partner Organisations**

✓ Partner organisations are institutions that provide additional training and host the researcher during secondments. The partner organisations do not recruit any researchers and do not sign the grant agreement. As such partner organisations cannot directly claim any costs from the action







# European Fellowships (EFs)

Proposals are allocated for evaluation either to one of the 8 main scientific panels or to one of the 2 multidisciplinary panels "Career Restart Panel (CAR)"

and "Reintegration Panel" (RI).

Physics (PHY)

Chemistry (CHE)

Social Sciences and Humanities (SOC)

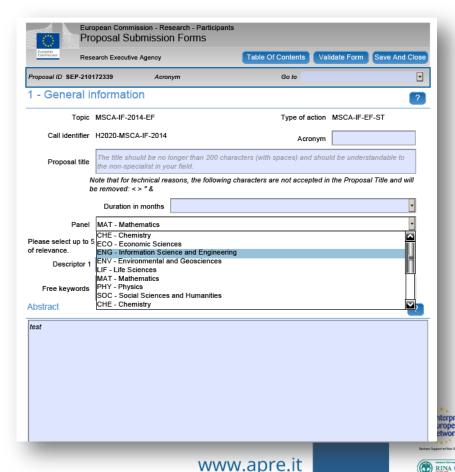
Mathematics (MAT)

Information Science and Engineering (ENG)

Life Sciences (LIF)

**Environment and Geosciences (ENV)** 

**Economic Sciences (ECO)** 





# Career restart panel (CAR)

to resume research in Europe after a career break, e.g. after parental leave, is ensured via a separate multi-disciplinary career restart panel of the European Fellowships.

The experienced researcher must have undertaken a **career break in research**, i.e. he/she **must not have been active in research** for at least 12 months immediately prior to the deadline for submission of proposals (corresponding to the period 15 September 2015 to 14 September 2016).

Whether or not the researcher has been active in research is determined on the basis of fellowships or employment contracts in the domain of research.









# Reintegration Panel (RI)

- The researcher must be a national or long-term resident of the MS or AC.

Long-term residents are researchers who spent a period of full-time research activity of at least 5 consecutive (without breaks in research) years in one or more MSs or ACs.

- -The researcher must move or have moved (transnational mobility) from a Third Country (TC) directly to the MS or AC where the beneficiary is located.
- RI mobility rule: the researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of his/her host organisation for more than 36 months in the 5 years immediately prior to the deadline for submission of proposals









# Global Fellowships (GFs)

Proposals are allocated for evaluation either to one of the 8 main scientific panels

Physics (PHY)

Chemistry (CHE)

Social Sciences and Humanities (SOC)

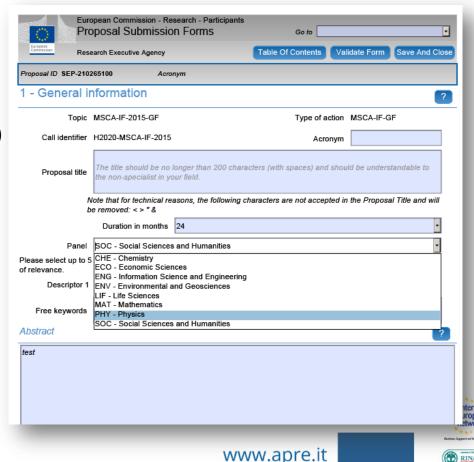
Mathematics (MAT)

Information Science and Engineering (ENG)

Life Sciences (LIF)

**Environment and Geosciences (ENV)** 

**Economic Sciences (ECO)** 





# Letter of commitment- GF

Each partner organisation in a TC must include an up-to-date letter of commitment in Part B of the proposal to demonstrate its real and active participation in the proposed action and its precise role should also be clearly described in the proposal.











## 3.1.d Society & Enterprise Panel (SE)

- The Society & Enterprise Panel is a multidisciplinary panel of the European Fellowships dedicated to career opportunities for researchers seeking to work on research and innovation projects in an organisation from the non-academic sector.
- Following evaluation there will be one ranking list with an earmarked budget of EUR 10 million for all Society & Enterprise proposals.



• After the call closure, EF-SE proposals with beneficiaries having an academic status (proven by a PIC number) will be automatically allocated to the EF-ST Panel. Conversely, EF-ST proposals with beneficiaries having a non-academic status (proven by a PIC number) may be, upon agreement of the coordinator, automatically allocated to the EF-SE Panel.









# Society & Enterprise Panel (SE)

**ELIGIBILITY CONDITIONS** for applicant organisations and researchers under the SE panel:

- 1. The researcher must be an experienced researcher as described under Definitions.
- **2.** The researcher may be of **any nationality**. No age restrictions apply.
- **3.** The researcher must **move or have moved** (transnational mobility) **from any country to the MS or AC** where the beneficiary is located.
- The researcher must comply with the SE mobility rule as described under Definitions.
- In case of doubts about the eligibility of the researcher, submission of documentary evidence may be requested, after the call deadline.
- **4. The beneficiary** must be an entity from the **non-academic sector** as described under Definitions.

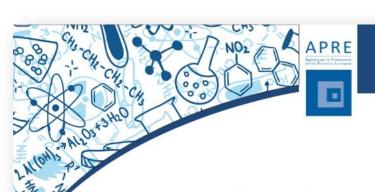
The **non-academic sector** includes all non-academic workplaces of researchers, from industry to business (including SMEs), government, civil society organisations (NGOs, trusts, foundations, etc.), some cultural institutions, museums, hospitals, international organisations (like the UN or WHO), etc.











MARIE SKLODOWSKA-CURIE ACTIONS BANDI INDIVIDUAL FELLOWSHIPS (IF) SOCIETY AND ENTERPRISE PANEL



Dal concorso fotografico di APRE "Il Bello della sceinza" Titolo: IL RESTAURO AUDIO (TRA ARTE E SCIENZA)

Autrice: Federica Bressan - Dipartimento di Ingegneria dell'Informazione, Università di Pedova Oggetto: Ispedone visiva e oll'attiva di un mastro magnetico dell'archivio storico dell'IPEM (Institute for Pychoacoustics and Electronic Music) all'Università di Ghent in Belgio, prima delle operazioni di restaure e divisilizzazione.

restauro e digitalizzazione. Foto scottata il 27 ottobre 2015, durante una visita al laboratorio per la scrittura di un progetto Marie Curie che è stato finanzioto anche grazie al supporto dell'APRE. A cura di Angelo D'Agostino NCP Marie Sklodowska-Curie Actions







## Secondments

<u>During the implementation</u> of the IF the Experienced Researcher may be seconded to another institution in Europe. Such secondments must significantly contribute to the impact of the fellowship and therefore in certain research fields would be expected to take place in the non-academic sector.

The organisation where the secondment takes place is a partner organisation and must be located in the Member States or Associated Countries.

Duration of the fellowship	Maximum duration of secondment
≤ 18 months	3 months
> 18 months	6 months

The secondment phase can be a single period or divided into shorter mobility periods







## Short visit is not a "secondment"

- Secondments have a clear impact on the project, are planned before, and have a particular scope – for example, without the secondment the final results of the project would not be possible. A short visit on the other hand will have a limited impact and could be spontaneous.
- The purpose of a secondment is providing transfer of knowledge and training, while the aim of a short visit is simply to gather data and information.
- The secondment implies mobility to a partner organisation in a MS/AC.

Short visit  $\neq$  Secondment







## Research, Training and Development

- A concrete plan of training-through-research at the host organisation's premises.
  - well-defined objective in terms of career advancement (by attaining a leading independent position for example) or resuming a research career after a break.
  - final outcome to develop and significantly widen the competences of the Experienced Researcher, particularly in terms of multi/interdisciplinary expertise, intersectoral experience and transferable skills.
  - this plan comprises the researcher's training and career needs, including training on transferable skills, planning for publications and participation in conferences.

### Research & Training

developing the skills, erience, a employees need to perk improve their performance skills, and abilities, specific









## Typical training activities in IF may include:

- [...]
- Hands-on training activities for developing scientific (new techniques, instruments, research integrity, 'big data'/'open science') and transferable skills (entrepreneurship, proposal preparation to request funding, patent applications, management of IPR, action management, task coordination, supervising and monitoring, take up and exploitation of research results);
- [...]







### Transferable skills



#### Transferable skills:

- <u>Innovation</u>: management of IPR, take up and exploitation of research results, communication, standardisation, ethics, scientific writing, personal development, team skills, multicultural awareness, gender issues, research integrity, etc.
  - Training related to management or grant searching: involvement in the organisation of network activities, entrepreneurship, management, proposal writing, enterprise start-up, task coordination, etc.







### Public engagement

#### **Public Engagement**

the primary goal of public engagement activities is to create awareness among the general public of the research work performed and its implications for citizens and society.









#### **Outreach & Communication**



#### Outreach and Communication Activities in the MSCA under Horizon 2020

#### Guidelines

MSCA fellows are expected to engage in outreach activities as an integral part of their fellowship. Below is a non-exhaustive set of practical outreach activities that MSCA fellows could consider for their project.

#### Difference between communication and outreach

Outreach and communication activities are related, but are not the same and a good MSCA project should include a mix of both.

Outreach activities are meant to engage a large audience and to bring knowledge and expertise on a particular topic to the general public. Outreach activities can take several forms, such as school presentations, workshops, public talks and lab visits, etc. The objective of outreach is to explain the benefits of research to a larger public (the tax payers who fund your research). Outreach implies an interaction between the sender and the receiver of the message, there is an engagement and a two-way communication between the researcher and the public.

Communication, on the other hand, only goes in one direction from the sender to the receiver. Communication refers to articles in mainstream newspapers and magazines, or on TV and radio channels. Successful communication requires a clear language and attractive scientific subject with outstanding results that can catch the media's attention.

The European Commission is aware that not every MSCA researcher is undertaking research of interest to the mass media. You can start small and attempt having your research published in your local newspaper. Researchers should be able to explain their project to the large public in accessible language: imagine having to explain what you do to fellow commuters on your daily trip to work.

#### Possible activities

In order to give visibility to MSCA projects, fellows could take part in outreach activities such as:

 Marie Skłodowska-Curie Ambassadors: Fellows acting as "Ambassadors" organise activities with the aim of promoting their research to all public audiences. MSCA researchers visit schools and universities or assist educators in

> Marie Skłodowska

http://ec.europa.eu/research/mariecurieactio ns/documents/documentation/publications/o utreach activities en.pdf







### **Financial Aspects**

	Researcher unit cost in EUR person/month				<b>nit cost in EUR</b> /month
	Living* Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and indirect costs
Individual Fellowships	4,650*	600	500	800	650

<sup>\*</sup> The country correction coefficients that will be applied are indicated in Table 4 in Part 3 of the Work Programme

The financial support for Marie Skłodowska-Curie IFs takes the form of a grant covering up to 100% of the costs.







### Examples

A French researcher without family obligations who obtained her PhD in France on 15 June 2013 in Chemistry applies jointly with a university in Germany for a 24-month fellowship in the CHE panel. In the last 3 years she was in Germany for 5 months. Part B provides for a secondment split in 2 periods of each 2 months at an industrial partner in Ireland.

The budget calculation would be like this:

Total duration = 24 months (person-months)

Country of the host organisation = Germany

1. Living allowance =€ 4,650 x 24 x DE Country Correction Coefficient (CCC)

- 2. Mobility allowance =€ 600 x 24=€ 14,400
- 3. Family allowance = N/A
- 4. Research, training and networking costs
- 5. Management and indirect costs

**Maximum EU contribution** = € 110,260.80 + 14,400 + 19,200 + 15,600

**=€ 159,460.80** 







### **Evaluation of Proposals**

#### **Selection criteria**

Proposals will be verified for their compliance with the **operational capacity** of the **beneficiary**, which is assessed at the proposal stage. Operational capacity shows whether an applicant has the **basic operational resources and capacity to implement** the action, and, in particular, the parts in the proposal for which it is responsible. This assessment is based on the following information to be provided in the proposal:

- A Curriculum Vitae or description of the profile of the main supervisor;
- A list of up to five relevant publications or other achievements of the supervisor of the applicant organisation;
- A list of up to five relevant previous actions or activities of the applicant organisation, connected to the subject of this proposal;
- A description of any significant infrastructure and/or any major items of technical equipment of the applicant organisation, relevant to the proposed work;
- For GF only, a description of the partner organisation in the Third Country which will contribute to the action.

If the experts evaluating the proposal reach a consensus that the beneficiary lacks sufficient operational capacity, then the proposal would be rejected.





IF - Marie Skłodowska-Curie Individual Fellowships				
Excellence	Impact	Quality and efficiency of the implementation		
Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the potential and future career prospects of the researcher	Coherence and effectiveness of <b>the work plan</b>		
Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	Quality of the proposed measures to exploit and <b>disseminate</b> the project results	Appropriateness of the allocation of tasks and resources		
Quality of the supervision and of the integration in the team/institution	Quality of the proposed measures to <b>communicate</b> the project activities to different target audiences	Appropriateness of the management structure and procedures, including risk management		
Capacity of the researcher to reach or re- enforce a position of professional maturity/independence		Appropriateness of the institutional environment (infrastructure)		
50%	30%	20%		
Weighting				
1	2	3		
Priority in case of <i>ex aequo</i>				
NB: An overall threshold of 70% will be applied to the total weighted				

score.









## Scientific Areas and selection of Descriptors (Keywords)

- In the electronic submission system (SEP) the applicants should choose the scientific area and descriptors (keywords) carefully since this will guide the REA in the selection of the most appropriate experts for the proposal evaluation. The number of descriptors will range from three (3) to five (5) as explained below. Applicants must:
  - 1) <u>Select one of the 5 types of fellowship</u> (EF-ST, EF-CAR, EF-RI, EF-SE, GF) for which their proposal is submitted.
  - Select the area of research (e.g.: CHE) in which the proposal best fits, in section 1 of the proposal submission forms. This should be considered as the core discipline of the proposal.
  - 3) Within the most relevant sub-area of research (e.g.: C1-Synthetic Chemistry and Materials), **select the first descriptor** that best characterises the subject of the proposal (e.g. Colloid Chemistry).
  - 4) **The second descriptor** that best characterises the subject of the proposal must be selected within the area of research (e.g.: CHE) that has been selected in step 2.
  - 5) Third descriptor: it is mandatory to select at least one (1) additional descriptor which can be chosen from any of the eight (8) areas of research.
  - If needed you may add further two (2) additional descriptors chosen freely.

Please note that you should select the descriptors in order of importance, the first being the most important.

To help you select the most relevant area for your proposal, a document providing a breakdown of each scientific area into a number of descriptors can be found in Annex 6 of this guide.







### Call deadlines 2017

#### Conditions for the Marie Skłodowska-Curie Individual Fellowships call

Opening date(s), deadline(s), indicative budget(s):14

Topics (Type of Action)	Budgets (EUR million)	Deadlines
	2017	
Opening	g: 11 Apr 2017	
MSCA-IF-2017 (MSCA-IF-EF-CAR)	205.00	14 Sep 2017
MSCA-IF-2017 (MSCA-IF-EF-RI)		
MSCA-IF-2017 (MSCA-IF-EF-ST)		
MSCA-IF-2017 (MSCA-IF-EF-SE)	10.00	
MSCA-IF-2017 (MSCA-IF-GF)	33.70	
Overall indicative budget	248.70	







### **Indicative Timetable**

Publication of call	12 April 2016
Deadline for submission of proposals	14 September 2016 at 17:00:00, Brussels local time
Evaluation of proposals	October - December 2016
Information on the outcome of the evaluation	February 2017
Indicative date for the signing of Grant Agreements	May 2017







### Overview of IF

INDIVIDUAL FELLOWSHIPS		EUROPEAN				GLOBAL
		Standard EF	CAR	RI	SE	GF
	Nationality	ANY	ANY	MS, AC or long- term residents	ANY	MS, AC or long- term residents
EXPERIENCED	Mobility	From ANY country to MS or AC	From ANY country to MS or AC	From TC directly to MS or AC	From ANY country to MS or AC	From ANY country to TC then to <i>MS/AC</i>
RESEARCHERS		< 12 months in the last 3 years	< 36 months in the last 5 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	-	-	-
	Beneficiary	MS or AC	MS or AC	MS or AC	MS or AC <b>Non-academic</b> <b>only</b>	MS or AC
PARTICIPANTS	Partner Organisation	MS or AC (optional secondments)	MS or AC (optional secondments)	MS or AC (optional secondments)	MS or AC (optional secondments)	TC (outgoing phase) MS or AC (optional secondments)
DURATION (months)		12 - 24	12 - 24	12 - 24	12 - 24	12 to 24 + <b>12</b>
SCIENTIFIC AREAS		8	8	8	8	8
NUMBER OF RANKING LISTS		8	1	1	1	8
BUDGET (total € 218.5 million)			€ 179.5 million		€10 million	€ 29 million









### Research and Innovation Staff Exchange (RISE)

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## Research & Innovation Staff Exchange (RISE)

#### **Objective**

- ✓ promote **international and inter-sector collaboration** through research and innovation staff exchanges
- ✓ foster a shared culture of research and innovation

#### Scope

- ✓ International and inter-sector transfer of knowledge and sharing of ideas
- ✓ Common research and innovation project
- ✓ Highly skilled research and innovation staff
- ✓ Within Europe: only inter-sector secondments

#### **Expected Impact**

✓ strengthen the interaction between organisations in the academic and non-academic sectors, and between Europe and third countries







### RISE partnership

A RISE partnership shall be composed by at least three independent participants established in three different countries and must respect one of the following two conditions:

two organisations are located in two different Member State
 (MS)/Associated Country (AC) and one organisation is located in a Third
 Country (TC), independently from the sector they belong to,



 if all three independent organisations are from MS/AC, at least one organisation should be from the academic sector and one from the nonacademic sector.

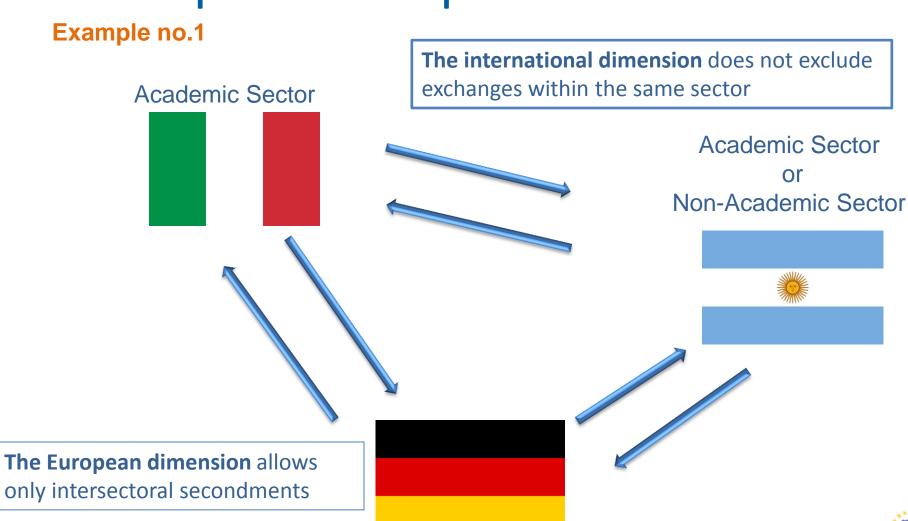
Above these minimum requirements additional organisations established in MS/AC and/or in other third countries can participate

Therefore, the partnerships in RISE can be set up along either an international or an intersectoral dimension or a combination of both.





### RISE partnership



Non-Academic Sector

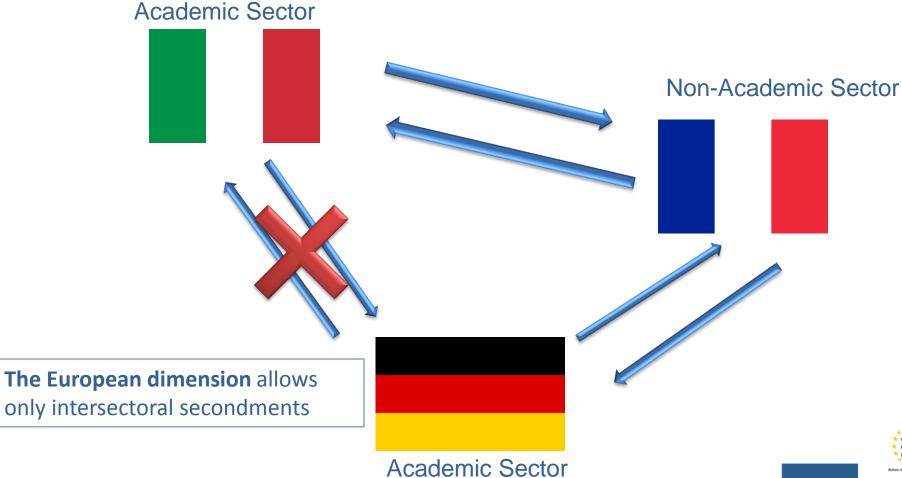






### RISE partnership

#### **Example no.2**









### Eligibility of the partnership

**Beneficiaries** (= legal entities established in MS/AC) **Partner Organisations** (=legal entities established in TC)



Secondments from an organisation located in a TC to a MS/AC (international) on the condition that the TC is eligible for funding, as specified in the **Annex A** to the Work Programme







### List of TC eligible for funding

Afghanistan, Algeria, American Samoa, Angola, Argentina, Armenia, Azerbaijan, Bangladesh, Belarus, Belize, Benin, Bhutan, Bolivia, Botswana, Burkina Faso, Burundi, Cambodia, Cameroon, Cape Verde, Central African Republic, Chad, Chile, Colombia, Comoros, Congo (Democratic People's Republic), Congo (Republic), Costa Rica, Côte d'Ivoire, Cuba, Djibouti, Democratic People's Republic of Korea, Dominica, Dominican Republic, Ecuador, Egypt, El Salvador, Eritrea, Ethiopia, Fiji, Gabon, Gambia, Georgia, Ghana, Grenada, Guatemala, Guinea, Guinea-Buissau, Guyana, Haiti, Honduras, Indonesia, Iran, Iraq, Jamaica, Jordan, Kazakhstan, Kenya, Kiribati, Kosovo\*, Kyrgyz Republic, Lao, Lebanon, Lesotho, Liberia, Libya, Madagascar, Malawi, Malaysia, Maldives, Mali, Marshall Islands, Mauritania, Mauritius, Micronesia, Mongolia, Morocco, Mozambique, Myanmar, Namibia, Nepal, Nicaragua, Niger, Nigeria, Pakistan, Palau, Palestine, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Rwanda, Samoa, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Solomon Islands, Somalia, South Africa, South Sudan, Sri Lanka, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Sudan, Suriname, Swaziland, Syrian Arab Republic, Tajikistan, Tanzania, Thailand, Timor-Leste, Togo, Tonga, Tunisia, Turkmenistan, Tuvalu, Uganda, , Uzbekistan, Vanuatu, Uruguay, Venezuela, Vietnam, , Yemen, Zambia, Zimbabwe







### Secondments

Duration of support: 1-12 months

Secondments may be split into several stays not exceeding 12 months in total and not going beyond the project duration. The splits must be justified and considered beneficial for the transfer of knowledge activities.

The exchanged staff members\* should be guaranteed full reintegration into the sending institution thus maximising the impact of the action for knowledge sharing and long-term collaboration.

#### Reading the Guide for Applicants:



\* <u>Staff members</u> in RISE are researchers (ESR and ER), innovators, administrative, managerial and technical staff supporting the research and innovation activities of the project. They shall be actively engaged in or linked to research and/or innovation activities for at least six months (full-time equivalent) at the sending institution prior to the first period of secondment. Secondments in RISE are not subject to the mobility rules.





### Eligible Researchers

The seconded staff member shall be devoted **full-time** to the project during the secondment period. The beneficiary and the staff member cannot be bound by other contractual arrangements which prevent the fulfilment of this obligation.











### Secondments



Support for the exchanges between institutions in the EU Member States and Associated Countries covers only inter-sector secondments.



Exchanges with institutions from third countries can be inter-sector secondments as well as secondments within the same sector.



No secondments between institutions located in third countries or within the same EU Member State or Associated Country can be supported







### Eligibility of the secondments

A secondment is eligible if the maximum duration of a secondment is 12 months and the minimum duration is 1 month for an individual staff member.

However, a secondment may be split into several stays (by the same staff member from the same sending organisation to the same host organisation) as long as the sum of the duration of all splits is at least 1 month (30 days) and not longer than 12 months and within the duration of the project.

#### **Example (without split):**

One researcher is seconded from the beneficiary A in France to the partner C in Argentina for 3 months, to the partner D in Morocco for 7 months and to the beneficiary B in Romania for 6 months. In this case 4 months of secondment will not be eligible for funding since it is beyond the maximum limit of 12 months.

#### **Example (with split):**

One researcher is seconded from the beneficiary A in France to the partner C in Argentina for 15 days. This secondment will be eligible for funding only if the same researcher is seconded for at least 15 supplementary days from the beneficiary A in France to the same partner C in Argentina. A secondment of 45 days of the same researcher from the beneficiary A in France to the partner D in Morocco will itself be eligible for funding but cannot be added to the secondment (initial 15 days) in Argentina to reach the minimum duration of one month.







### Ineligible secondments



- [...]
- Secondments between organisations which are not independent from each other;
- Secondments of staff members who do not have the relevant profile for carrying out the activities mentioned in the Part B;
- Secondments not linked to the implementation of the action;
- Secondments which are not executed full-time
- Secondments of staff that benefit from another
   MSCA grant during the period of exchange:
  - Example: A staff member seconded in RISE while recruited and working in an on-going IF or ITN project;
- Secondments reimbursed by other EU funds (i.e. double funding of same cost items).









### Financial modalities for RISE

The financial contribution to a Marie Skłodowska-Curie RISE project is calculated on the basis of **unit costs**.

A unit cost is a fixed amount per person-month of secondment. The EU contribution is calculated by multiplying the unit costs by the number of completed person-months.

Marie Skłodowska-	Staff member unit cost	Institutional unit cost [per person-month of secondment]	
Curie Action	[per person-month of secondment]	Research, training and networking costs	Management and indirect costs
Research and Innovation Staff Exchange	2000	1800	700







### Award criteria: RISE

RISE: Marie Skłodowska-Curie Research and Innovation Staff Exchange				
Excellence	Impact	Quality and efficiency of the implementation		
Quality and credibility of the research/innovation project; level of novelty and appropriate consideration of inter/multidisciplinary, intersectoral and gender aspects	Enhancing the potential and future career perspectives of the staff members	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources		
Quality and appropriateness of knowledge sharing among the participating organisations in light of the research and innovation objectives.	Developing new and lasting research collaborations, achieving transfer of knowledge between participating organisations and contribution to improving research and innovation potential at the European and global levels	Appropriateness of the management structures and procedures, including quality management and risk management		
Quality of the proposed interaction between the participating organisations	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the institutional environment (hosting arrangements, infrastructure)		
	Quality of the proposed measures to communicate the project activities to different target audiences	Competences, experience and complementarity of the participating organisations and their commitment to the project		
50%	30%	20%		
Weighting				
1	2	3		
	Priority in case of ex aequo			







### Letters of commitment

- for each partner organisation established in a Third Country
- an up-to-date letter of commitment,
- signed by its legal representative,
- to demonstrate their real and active participation in the proposed network.

#### Reading the Guide for Applicants:



There will be no possibility to submit the missing letter of commitment at a later stage. Therefore it is essential for the applicants to collect these letters of commitment in due time and well before the call deadline.

If the proposal is still retained for funding after the evaluation the budget linked to the secondments of the TC organisation lacking the letter of commitment will be rejected and the total budget of the will be proposal reduced accordingly.







### Call deadlines 2017

### Conditions for the Marie Skłodowska-Curie Research and Innovation Staff Exchange call

Opening date(s), deadline(s), indicative budget(s): 16

Topics (Type of Action)	Budgets (EUR million)	Deadlines	
	2017		
Opening: 01 Dec 2016			
MSCA-RISE 2017 (MSCA-RISE) 80.00 05 Apr 2017			
Overall indicative budget	80.00		









# Innovative Training Networks (ITN)

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### Innovative Training Networks (ITN)

#### **Objective**

- raise excellence and structure research and doctoral training
- train a new generation of creative, entrepreneurial and innovative earlystage researchers

#### Scope

- European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD)
- Triple 'i' dimension of mobility and particular focus on innovation skills

#### **Expected Impact**

- structure research and doctoral training in Europe
- trigger cooperation and exchange of best practice among participants
- enhance researchers' employability and provide them with new career perspectives







### Innovative Training Networks (ITN)

#### **European Training Networks (ETN)**

- The most general mode, epitomising the ITN policy objectives
- Does not require mandatory doctoral training but...

#### **European Industrial Doctorates (EID)**

- Focus on academic/non-academic collaboration
- Widening fellows' career horizons

#### **European Joint Doctorates (EJD)**

- Promoting greater structural co-operation between universities
- Offering more employment opportunities to fellows







#### ITN – Main features

- ✓ Duration of projects: maximum 4 years
- ✓ Support to early-stage researchers only
- ✓ Fellowships of 3-36 months
- ✓ Maximum 540 researcher-months per consortium (180 for EID with 2 partners)
- ✓ Separate multidisciplinary panels for EID and EJD









### ITN – Who can apply?

#### Who can apply?

• Networks of organisations involved in research and (research) training.

#### What types of organisations can apply?

- Two different types:
- ✓ 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 the academic sector definition







### Level of participation

Minimum Number of Participants				
Network Status	ETN	EID	EJD	
Beneficiary	Beneficiary 3		3	
		1 doctoral-degree awarding; 1 non- academic	doctoral degree- awarding	
Partner Organisation <sup>3</sup>	No minimum	No minimum	No minimum	

Summary of Tasks				
Network Status	Recruitment of Researchers	Training and/or Hosting of Seconded Researchers	Participation in Supervisory Board	Directly Claims Costs
Beneficiary	✓	✓	✓	✓
Partner organisation	×	✓	✓	×



### Minimum Country Participation

Implementation Mode	Country of beneficiaries		
European Training Networks (ETN)	Minimum: 3 different countries: MS or AC		
European Industrial	EID with 2 beneficiaries	Minimum: 2 different countries: MS or AC	
Doctorates (EID)	EID > 2 beneficiaries Minimum: 2 difference countries: MS or AC		
European Joint Doctorates (EJD)	Minimum: 3 different countries: MS or AC		

Additional beneficiaries can be established in MS, AC or TC included in the list of countries eligible for funding provided in General Annex A to the Work Programme (see TC exceptional cases below). Partner organisations can be established anywhere in the world.

EID> 2 beneficiaries: Please note that beneficiaries of an EID with more than 2 beneficiaries, must be established in more than 2 MS or AC in order to respect the 40.0% rule (see below).

Duration of support: 3-36 months

Researchers in EID shall spend at least 50% of their time in the non-academic sector

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### Level of participation

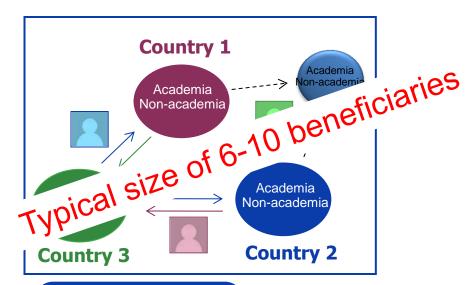
- ✓ Beneficiaries are the legal entities that sign the Grant Agreement and have the responsibility for the proper implementation of the action. They contribute directly to the implementation of the research, transfer of knowledge and training activities by recruiting, supervising, hosting, training and seconding researchers.
- ✓ Partner organisations contribute to the implementation of the action, but do not sign the Grant Agreement. Partner organisations do not employ the researchers under the action.

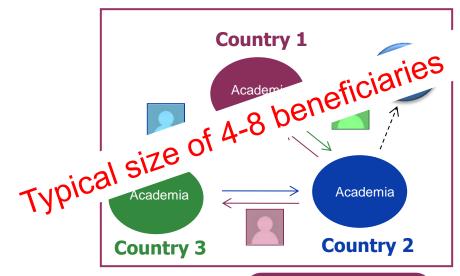






#### ITN – consortia





European **Training Networks** 

Academia Non-academia Academ of 2-3 beneficiaries

Doctorate Typical Size of 2-3 beneficiaries

European Joint **Doctorates** 

European Industrial







# ITN – early stage researchers

Innovative Training Networks are exclusively for early-stage researchers in the first 4 years (full-time equivalent research experience) of their career and not awarded a PhD at the time of their (first) recruitment.

**Full-time equivalent research experience** is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited

- Researchers recruited for min. 3 months and max. 36 months.
- No restrictions based on nationality.







## ITN - Mobility rule

Researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of the recruiting beneficiary for more than 12 months in the 3 years immediately before the recruitment date.









## ITN – R&T activities

### Research and Training Activities

- Training through research by means of individual, personalised projects, including meaningful exposure to different sectors;
- Development of network-wide training activities (e.g. workshops, summer schools)
- Provision of structured training courses (e.g. tutorials, lectures)
- Exchanging knowledge with the members of the network through undertaking intersectoral visits and secondments
- Invitation of visiting researchers originating from the academic or nonacademic sector







# ITN – Networking activities

### Networking activities:

- Organisation of scientific or managerial network meetings;
- Visits and secondments between partners in order to exchange knowledge;
- Invitation of external experts for specialist input;
- Attendance of the recruited researchers at international conferences and workshops;
- Use of the Internet, email and video conferencing;
- Collaboration with other ITN project or research group;
- Organisation of a final network conference.







## ITN – Public engagement

### Public Engagement

the primary goal of public engagement activities is to create awareness among the general public of the research work performed and its implications for citizens and society.

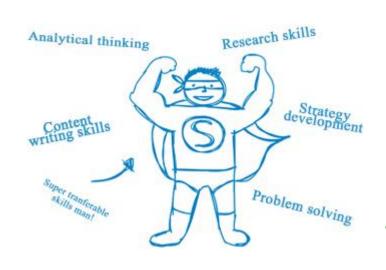








## ITN – Transferable skills



### Transferable skills:

- <u>Innovation</u>: management of IPR, take up and exploitation of research results, communication, standardisation, ethics, scientific writing, personal development, team skills, multicultural awareness, gender issues, research integrity, etc.
  - Training related to management or grant searching: involvement in the organisation of network activities, entrepreneurship, management, proposal writing, enterprise start-up, task coordination, etc.







- EJD has the objective of promoting international, intersectoral and multi/inter-disciplinary collaboration in doctoral-level training in Europe through the creation of joint doctoral programmes, leading to the delivery of joint, double or multiple doctoral degrees.
- An EJD must be composed of at least three independent beneficiaries entitled to award doctoral degrees from three different MS or AC. At least two institutions conferring a joint, double or multiple doctoral degree must be established in an MS or AC.







Joint degree: single diploma issued by at least two higher education institutions offering integrated programme and recognised officially in the countries where the degree-awarding institutions are located

Double or multiple degree: 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









- The joint supervision of fellows is mandatory, as is the creation of a joint governance structure with joint admission, selection, supervision, monitoring and assessment procedures.
- Each recruited researcher must:
  - be selected, supervised, monitored and assessed through a joint governance structure
  - be enrolled on a joint doctoral programme.







- Letters of institutional commitment signed by an authorised legal representative must be included in Part B.7 of the proposal from each of the beneficiaries that would award the (joint, double or multiple) doctoral degrees stating their agreement to ensure the provision of such degrees should the proposal receive funding.
- If successful, a copy of the final agreement between the institutions will be requested as a deliverable after the start of the action.







## Financial modalities for ITN

	R	esearcher unit cost**		Institutional unit cost**	
Marie Skłodowska- Curie Action	person/month			person/month	
	Living allowance*	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
Innovative Training Networks	3 110	600	500	1 800	1 200







## Call deadlines 2017

Conditions for the Marie Skłodowska-Curie Innovative Training Networks call Opening date(s), deadline(s), indicative budget(s): 13

Topics (Type of Action)	Budgets (EUR million)	Deadlines			
	2017				
Opening: 15 Sep 2016					
MSCA-ITN-2017 (MSCA-ITN-ETN)	370.00	10 Jan 2017			
MSCA-ITN-2017 (MSCA-ITN-EID)	28.00				
MSCA-ITN-2017 (MSCA-ITN-EJD)	32.00				
Overall indicative budget	430.00				





ITN: Marie Skłodowska-Curie Innovative Training Networks						
Excellence	Impact	Quality and efficiency of the implementation				
Quality, innovative aspects and credibility of the research programme (including inter/multidisciplinary, intersectoral and, where appropriate, gender aspects)	Enhancing the career perspectives and employability of researchers and contribution to their skills development	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources, (including awarding of the doctoral degrees for EID and EJD projects)				
Quality and innovative aspects of the training programme  (including transferable skills, inter/multidisciplinary, intersectoral and, where appropriate, gender aspects)	Contribution to structuring doctoral / early-stage research training at the European level and to strengthening European innovation capacity, including the potential for:	Appropriateness of the management structures and procedures, including quality management and risk management (with a mandatory joint governing structure for EID and EJD projects)				
	a) meaningful contribution of the non-academic sector to the doctoral/research training, as appropriate to the implementation mode and research field      b) developing sustainable joint doctoral degree structures (for EJD projects only)					
Quality of the supervision (including mandatory joint supervision for EID and EJD projects)	Quality of the proposed measures to exploit and <b>disseminate</b> the project results	Appropriateness of the infrastructure of the participating organisations				
Quality of the proposed interaction between the participating organisations	Quality of the proposed measures to communicate the project activities to different target audiences	Competences, experience and complementarity of the participating organisations and their commitment to the programme				
50%	30%	20%				
Weighting						
1	2	3				
Priority in case of ex aequo						









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SAVE THE DATE: Student and Early AUG Stage Researcher **Satellite Conference** to Berlin 11 Open Access Meeting

The Max Planck Society and Right to Research Coalition will host the first-ever satellite conference to the Berlin Open Access conference series specifically for students and early stage researchers on November 18th in Berlin, Germany.





Do you wish to post a job position or fellowship offer or your CV on-line?





Get support: People/Marie Curie National Contact Points

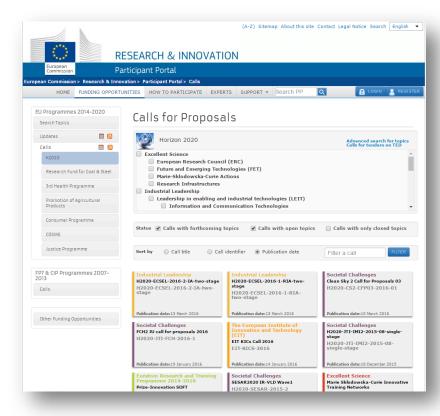


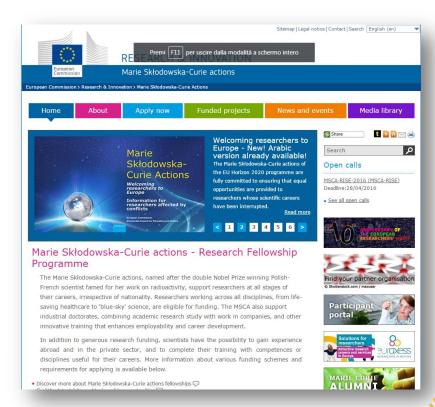




# Links

http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html









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# Links

http://cordis.europa.eu/projects/home it.html





http://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-sk%C5%82odowska-curie-actions

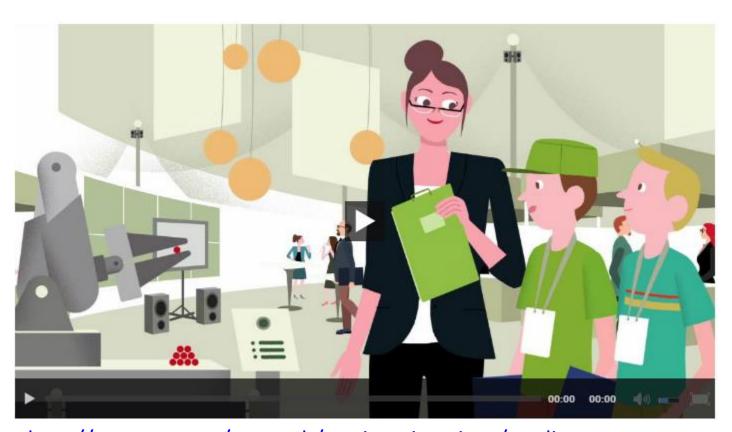


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# Video



http://ec.europa.eu/research/mariecurieactions/media-library/videos/items/20150619-follow-marie-curie en.htm



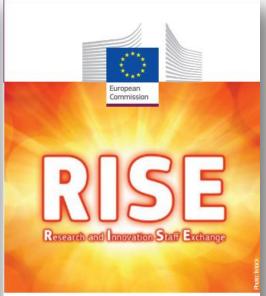








Culture





Marie Skłodowska-Curie Actions

International and/or inter-sectoral research and innovation projects delivered through exchange of staff

Executive

http://ec.europa.eu/programmes/horizon2020/en/newsroom/547



enterprise europe network



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