

Oportunidades de financiamento no Pilar da Excelência Científica: a formação, mobilidade e desenvolvimento de competências dos investigadores no âmbito das

Ações Marie Skłodowska-Curie

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Gabinete de Promoção do Programa Quadro ID&I





Critérios-chave Marie Skłodowska-Curie actions

- ✓ Abordagem **Bottom-up**, cobre todos os domínios científicos
- ✓ Apoio à carreira de investigação
- ✓ **Mobilidade**, transnacional e intersectorial
 - ✓ Oportunidades de carreira de investigação ao nível europeu e internacional
 - ✓ Intercâmbio academia/indústria (*staff exchange*)
- ✓ Ênfase na participação da indústria, PME e todos os setores não académicos
- ✓ Excelentes condições de trabalho, em conformidade com a Carta da UE e do Código dos Investigadores (*Code & Charter*)



Marie Skłodowska-Curie actions

Totally aligned with the objectives of H2020

- responding to the economic crisis to invest in jobs and growth
- addressing people's concerns about their livelihoods, safety and environment
- strengthening the EU's global position in research, innovation and technology



Responsible Research and Innovation

Open science (obligation)

Gender (always mention in proposal)

Ethics (always consider in proposal)

Public engagement (iterative and inclusive participatory multi-actor dialogues)

Science education

Outreach and communication



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Marie Skłodowska-Curie Actions for every step of your career

Considering a doctoral degree?

Experienced researcher looking for international experience to boost your career?

Looking for partnerships between academic and non-academic organisations or staff exchanges?

Keen on outreach activities?



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HORIZONTE

2020

Mestrados/
Licenciaturas

Obtenção PhD

Pós-Doc

COFUND + RISE

ITN

IF

Investigadores em início
de carreira
Post-graduates (ESR)
< 4 anos

Investigadores
Experientes
(ER)
> 4 anos ou PhD

Programa
Comunitário
(2014-2020)

Erasmus+

Horizonte 2020
Marie Skłodowska-Curie Actions (MSCA)



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Marie Skłodowska-Curie actions for every *stage* of your career

Doctoral degrees



ITN

Innovative Training Networks



COFUND

Also for post-doctoral programmes

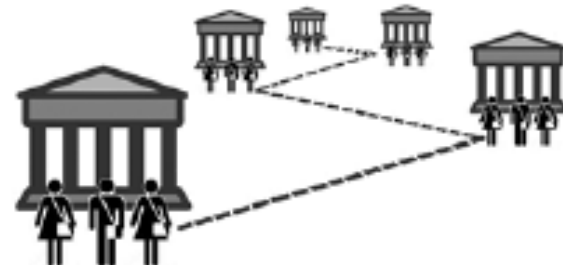
Post-doctoral Fellowships



IF

Individual Fellowships

Staff Exchange (R&I, managerial, technical)



RISE

Research and Innovation
Staff Exchange

What can be funded?

1) Organisational costs

Research, networking and training costs

Management and indirect costs

2) Costs of researchers and seconded staff

Living allowance or Top-up allowance

Mobility allowance

Family allowance

- ✓ 100% in ITN, IF and RISE
- ✓ 50% in Co-funding for doctoral and fellowship programmes

**Mono-
beneficiary**

**1 - Individual
Fellowships (IF)**

2 - COFUND

**Multi-
beneficiary**

**3- Innovative
Training
Networks (ITN)**

**4 - Research
Innovation
Staff Exchange
(RISE)**



Who applies?

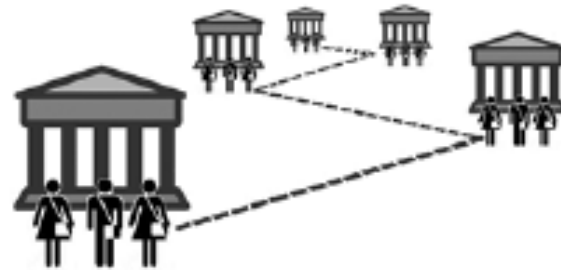
Individual with organisation



IF

Individual Fellowships

Hosts (consortium)



RISE

Research and Innovation
Staff Exchange

Hosts (consortium)



ITN

Innovative Training Networks

Funder



COFUND

Innovative Training Networks (ITN)

- ✓ Dedicado a **investigadores no início de carreira (ESR)**
- ✓ Envolver grandes parcerias com a academia e a industria
- ✓ Abordagem **triplo “i”** (inovador, internacional & intersectorial)
- ✓ Desenvolver o **empreendedorismo** e competências de harmonização das necessidades do mercado e dimensão internacional
- ✓ Melhorar a **empregabilidade** dos investigadores

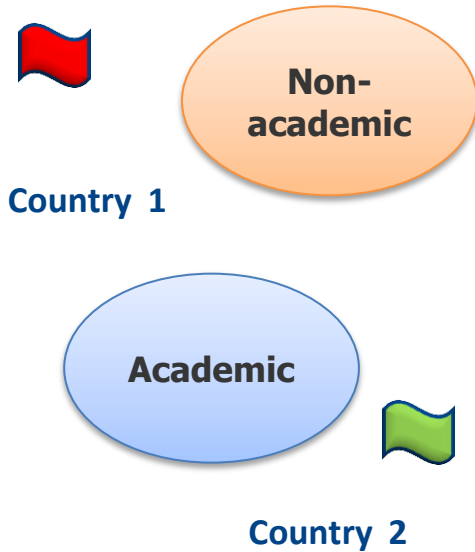
**European
Industrial
Doctorates (EID)**

**European
Training
Networks (ETN)**

**European
Joint
Doctorates (EJD)**

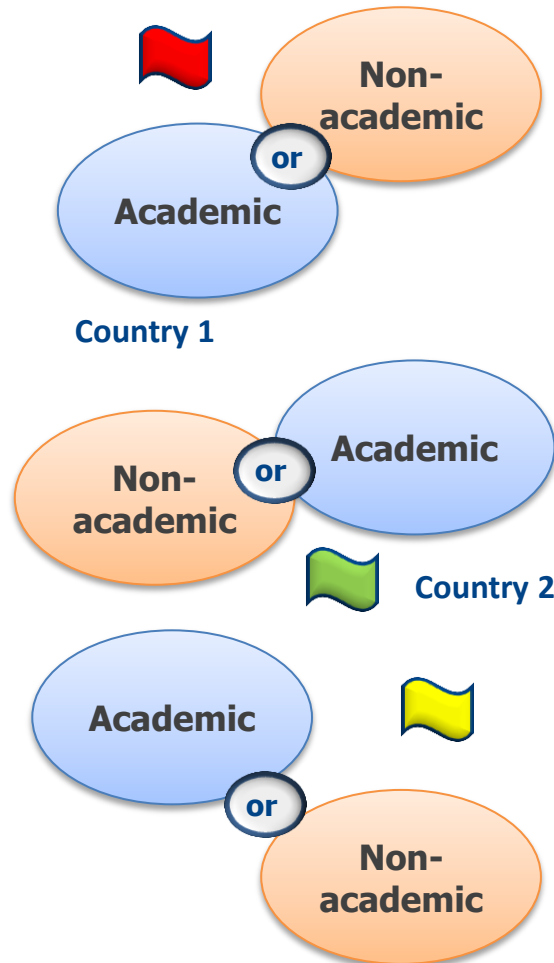


European Industrial Doctorates (EID)



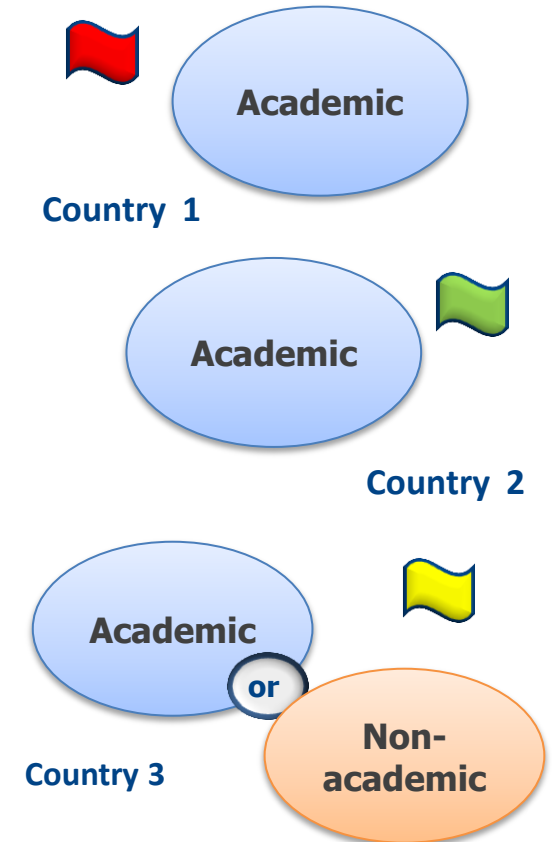
Minimum 50% of research time in non-academic sector

European Training Networks (ETN)



Full sectoral flexibility in choice of partners

European Joint Doctorates (EJD)



Opportunities for non-academic sector to contribute to training and research

COFUND



- ✓ by **co-funding** new or existing regional, national, and international programmes
- ✓ Promote **international, intersectoral and interdisciplinary research training**, as well as transnational and cross-sector **mobility** of researchers at all stages of their career
- ✓ **Mono-beneficiary:** **organisation funding or managing doctoral or post-doctoral programmes**
- ✓ **Leverage funding** and combat fragmentation (possible synergies with ESIF)



**Doctoral
Programmes
ESR**

**Fellowship
Programmes
ER**



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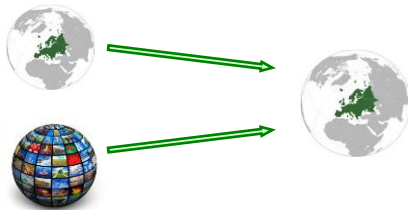
Individual Fellowships (IF)

For a host institution:
make your expression of interest
for receiving an IF!

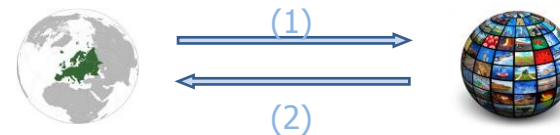
European Fellowships

Career Restart
Panel

Reintegration
Panel

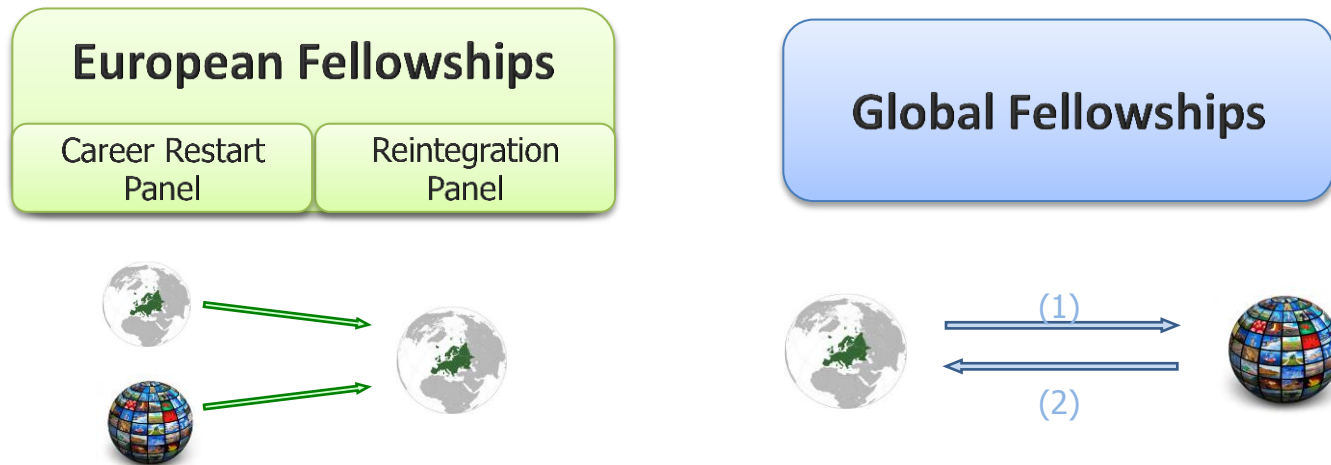


Global Fellowships



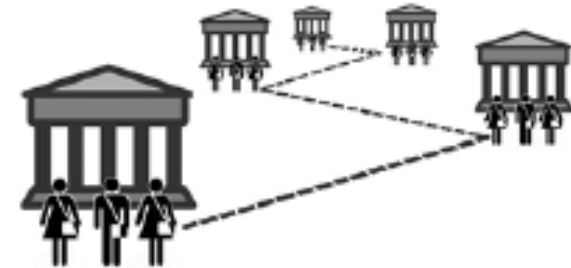
Individual Fellowships (IF)

- ✓ 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**
- ✓ catalyse significant **development in their careers** in both sectors
- ✓ **strengthen the network** of the researcher and the host organisation



RISE – Research and Innovation Staff Exchange

- ✓ Strengthen the interaction between **academic and non-academic organisations**, and between **Europe and third countries**, through research and innovation staff exchanges
- ✓ International and inter-sector **transfer of knowledge** and sharing of ideas and of R&I culture
- ✓ At least **3 independent** participants in **3 different countries**
 - At least 2 participants from 2 different MS/AC (international)
 - If all in MS/AC: at least 1 academic and 1 non-academic
- ✓ Common **research and innovation project**
- ✓ Highly skilled research and innovation staff



RISE
Research and Innovation
Staff Exchange

MSCA Calls 2016 - 2017

Call 2016

ITN	30/09/2015 – 12/01/2016	370 M€
IF	12/04/2016 – 14/09/2016	218 M€
RISE	16/12/2015 – 28/04/2016	80 M€
COFUND	14/04/2016 – 29/09/2016	80 M€

Call 2017

ITN	15/09/2016 – 10/01/2017	420 M€
IF	11/04/2017 – 14/09/2017	248 M€
RISE	1/12/2016 – 5/04/2017	80 M€
COFUND	5/04/2017 - 28/09/2017	80 M€

Award Criteria

Excellence	Impact	Implementation
Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)	Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives	Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources
Clarity and quality of transfer of knowledge/training for the development of researcher in light of the research objectives	Effectiveness of the proposed measures for communication and results dissemination	Appropriateness of the management structures and procedures, including quality management and risk management
Quality of the supervision and the hosting arrangements		Appropriateness of the institutional environment (infrastructure)
Capacity of the researcher to reach or re-enforce a position of professional maturity in research		Competences, experience and complementarity of the participating organisations and institutional commitment
Weighting		
50%	30%	20%
Priority in case of <i>ex aequo</i>		
1	2	3



Some tips for IFs	to Avoid
Work hard on the non-scientific parts!	Insufficient information on training and career needs
Do mention capabilities of the host to provide adequate training	Leaving unclear who will be responsible for the training activities and when they will take place
Do mention availability of mentors involved in providing support and guidance for the personal and professional development of the researcher.	Poorly describing non-scientific skills training, e.g. on research projects management and tutoring
Do mention transferrable skills , namely leadership ability, are insufficiently elaborated	Not mentioning possible disadvantages of using the envisaged methods and techniques.
Do mention practical arrangements for the implementation of the fellowship	Do not justified the prospects of reaching a position of professional maturity only in face of new scientific skills
Demonstrate an acceptable level of independent thinking and leadership qualities	Deliverables and the milestones do not offering a proper possibility of monitoring progress
If possible, provide new career perspectives	Poorly describing quality management and risk management

Start today on your application!

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Widening | S&S



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