

MARIE SKŁODOWSKA-CURIE (MSCA) INDIVIDUAL FELLOWSHIPS

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[Horizon 2020]

Excellent Science

- **European Research Council**
 - Frontier research by the best individual teams
- **Future and Emerging Technologies**
 - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
 - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
 - Ensuring access to world-class facilities

Industrial Technologies

- **Leadership in enabling and industrial technologies**
 - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
 - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
 - Fostering all forms of innovation in all types of SMEs

Societal Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Security society**

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)



Excellent Science 1/2

- Il suo obiettivo generale è elevare il livello di eccellenza della base scientifica europea e garantire una produzione costante di ricerca a livello mondiale per assicurare la competitività dell'Europa a lungo termine.
- Vuole sostenere le idee migliori, sviluppare i talenti in Europa, dare ai ricercatori accesso ad infrastrutture di ricerca prioritarie e fare dell'Europa un luogo attraente per i migliori ricercatori del mondo.



Excellent Science 2/2

Si articola in quattro programmi:

- **ERC:** sostiene gli individui più talentuosi e creativi e le loro equipe nello svolgere ricerche di frontiera di altissima qualità;
- **FET:** finanzia la ricerca collaborativa per aprire nuovi promettenti campi di ricerca e di innovazione;
- **MSCA:** offre ai ricercatori eccellenti opportunità di formazione e di carriera mediante la mobilità;
- **Research Infrastructures** garantisce che l'Europa disponga di infrastrutture di ricerca (comprese le infrastrutture elettroniche in rete) di livello mondiale accessibili a tutti i ricercatori in Europa e in altri paesi.



[MSCA]

ITN- Innovative Training Network

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

IF- Individual Fellowship

Experienced Researchers Individual fellowship supporting experienced researchers undertaking mobility

RISE- Research Innovation Staff Exchange

Exchange of Staff International and inter-sector cooperation through research and innovation staff exchange

COFUND

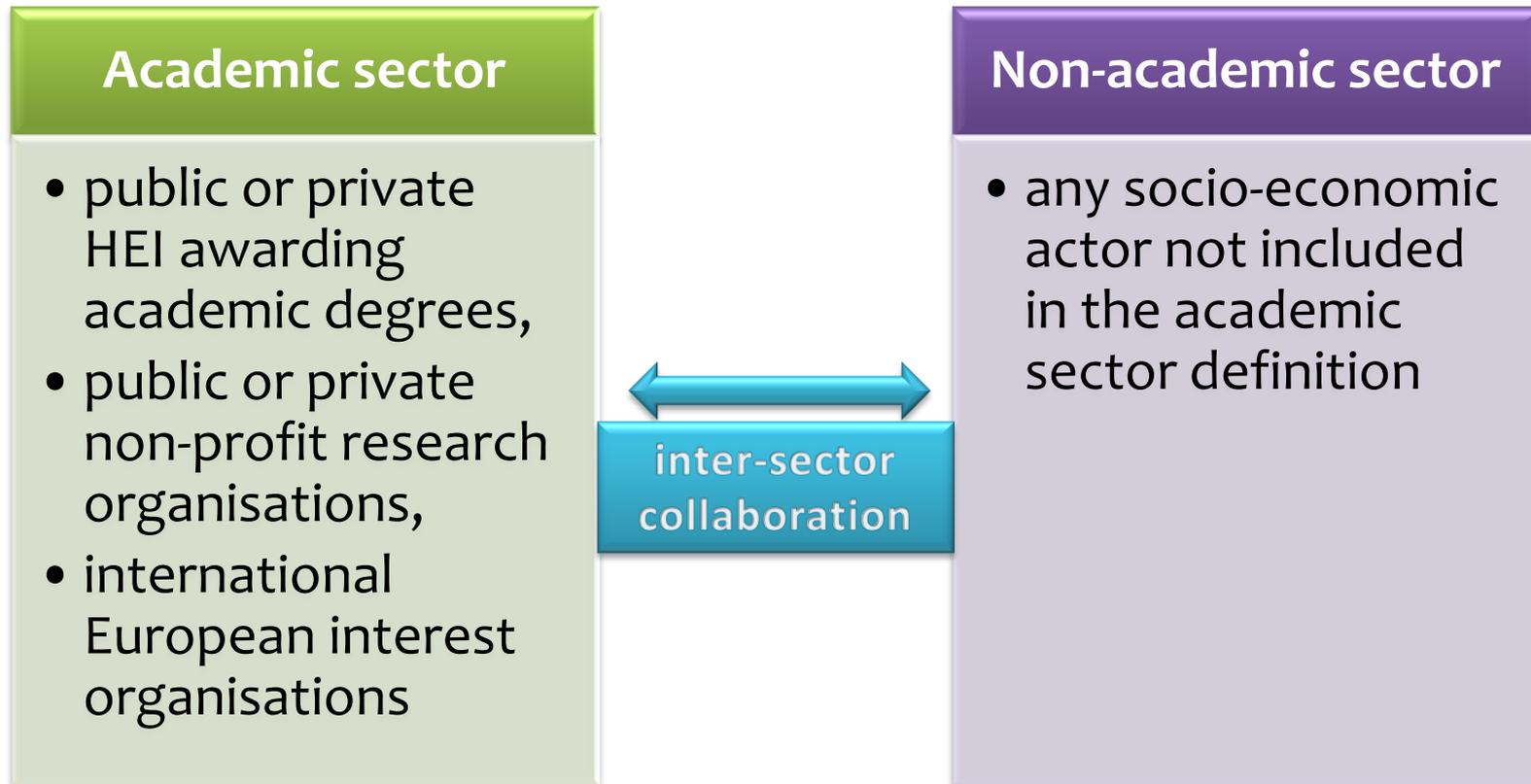
Co-funding

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



[Definitions]

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





[Researchers]

Early-stage researchers (ESR)

- be in the first four years (*full-time equivalent research experience*) of their research careers
- and have not been awarded a doctoral degree.

Experienced researchers (ER)

- be in possession of a doctoral degree
- or have at least four years of 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



[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
- ✓ Career Restart Panel and Reintegration Panel



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

[Individual Fellowships (IF)]



- ✓ 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 Partner organisation located outside of Europe MS or AC**.





[Individual Fellowships (IF)]

Proposals for IFs involve a *single* host organisation (future beneficiary) established in a MS or AC.

The project proposals are submitted by the **host organisation**, which is represented by the **supervisor**, *in liaison* 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

Standard
European
Fellowship

Career
Restart
Panel

Reintegration
Panel

Global Fellowship

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



[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**



[Minimum country participation in an IF]

	Beneficiaries	Partner organisations
European Fellowship	<u>Obligatory</u> : 1 beneficiary in MS or AC	<i>Optional: partner organisation(s) in MS or AC</i>
Global Fellowship	<u>Obligatory</u> : 1 beneficiary in MS or AC	<u>Obligatory</u> : 1 partner organisation in TC <i>Optional: partner organisation(s) in MS or AC</i>





[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).

Chemistry (CHE)

Physics (PHY)

Social Sciences and Humanities (SOC)

Mathematics (MAT)

Information Science and Engineering (ENG)

Life Sciences (LIF)

Environment and Geosciences (ENV)

Economic Sciences (ECO)





[European Fellowships (EFs)]

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.
- To qualify for the career restart panel, researchers must not have been active in research for at least 12 months immediately prior to the deadline for submission

Multidisciplinary panel





[Individual Fellowships - IF]

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 TC 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

Multidisciplinary panel



[Global Fellowships (GFs)]

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

Chemistry (CHE)

Physics (PHY)

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.



[Mandatory return phase- GF]

The mandatory return phase for the researcher (*future fellow*) in the European host organisation is essential for the successful achievement of the objectives of this action.

In case of non-fulfilment of this condition, **the host organisation has to reimburse the total amount** received from the REA for the benefit of the researcher under the Grant Agreement.

If the non-fulfilment of the return period lies with the researcher, the host organisation must take all appropriate measures (including legal action) to recover from the researcher the total amount received for her/his benefit under the Grant Agreement, in order to reimburse this amount to the REA.



[Secondments]

During the implementation 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



[Financial Aspects]

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

* 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 of Individual Fellowships]

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)

$$=€ 4,650 \times 24 \times 98.8\%$$

$$=€ 110,260.80$$

2. Mobility allowance =€ 600 x 24=€ 14,400

3. Family allowance = N/A

4. Research, training and networking costs =€ 800 x 24=€ 19,200

5. Management and indirect costs =€ 650 x 24=€ 15,600

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

$$=€ 159,460.80$$



[Call deadlines 2015]

Call ID	Call Opens	Call Deadline	Budget (Mio EUR)
H2020-MSCA-IF-2015	12-03-2015	10-09-2015	213.00



WP 2016-2017: principali novità

La principale novità del WP Marie Curie 2016-17 è l'inserimento di un nuovo panel multidisciplinare nel bando European Fellowships: l'Industrial Panel.

“Researchers seeking to work on research and innovation projects in an organisation from the non-academic sector will be supported via a separate multi-disciplinary industrial panel of the European Fellowships. The objective of this panel is to facilitate career moves between the academic and non-academic sectors and to open attractive research career opportunities outside academia”

“In the case of Industrial Panel of European Fellowships, the beneficiary shall be an entity from the non-academic sector located in an EU Member State or Associated Country and employing the researcher during the project”



WP 2016-2017: principali novità

La principale novità del WP Marie Curie 2016-17 è l'inserimento di un nuovo panel multidisciplinare nel bando European Fellowships: l'Industrial Panel.

1. *“Researchers seeking to work on research and innovation projects in an organisation from the non-academic sector will be supported via a separate multi-disciplinary industrial panel of the European Fellowships. The objective of this panel is to facilitate career moves between the academic and non-academic sectors and to open attractive research career opportunities outside academia”*
2. *“In the case of Industrial Panel of European Fellowships, the beneficiary shall be an entity from the non-academic sector located in an EU Member State or Associated Country and employing the researcher during the project”*
3. *“In the Industrial Panel, researchers shall not have resided or carried out their main activity in the country of their host organisation for more than 3 years in the 5 years immediately prior to the relevant deadline for submission of proposals”.*

WP 2016-2017: date e budget indicativi



IF: *aprile – settembre 2016 (220 milioni)/ aprile-settembre 2017 (222.5 milioni)*

ITN: *settembre 2015 – gennaio 2016(370 milioni) / settembre 2016-gennaio 2017 (396 milioni)*

RISE: *dicembre 2015 – aprile 2016 (80 milioni) / dicembre 2016 – aprile 2017 (80 milioni)*

COFUND: *aprile-settembre 2016 (80 milioni) / aprile-settembre 2017 (80 milioni)*

RESEARCHERS NIGHT: *settembre 2015 – gennaio 2016
 8 milioni*



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