



# Marie Skłodowska-Curie Actions (MSCA) in Horizon Europe

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# TECHNOLOGY CENTRE CAS

## NATIONAL INFORMATION CENTRE FOR EUROPEAN RESEARCH



[horizontevropa.cz](http://horizontevropa.cz) (National HE portal)

# MSCA in Horizon Europe (2021-2027)



# Key features of the MSCA



**Researchers' training, skills and career development (all stages of career)**



**Excellent research in all domains (bottom-up approach)**



**International, cross-sectoral & interdisciplinary mobility**



**Attractive working and employment conditions**



**Structuring impact on organisations through excellent programmes**



**Strong collaboration with industry and SMEs**

# MSCA in Horizon Europe

<u>Horizon 2020</u>	<u>Horizon Europe</u>	<u>Objective</u>	<u>Who?</u>
MSCA Innovative Training Networks (ITN)	<b>MSCA Doctoral Networks (DN)</b>	Doctoral programmes in and outside academia incl. joint and industrial doctorates	Doctoral Candidates
MSCA Individual Fellowships (IF)	<b>MSCA Postdoctoral Fellowships (PF)</b>	Support to excellent postdoctoral researchers	Postdoctoral Researchers
MSCA Research and Innovation Staff Exchange (RISE)	<b>MSCA Staff Exchanges (SE)</b>	Support for research and innovation staff exchanges	any type of research-related staff
MSCA Co-funding of regional, national and international programmes (COFUND)	<b>MSCA COFUND (COFUND)</b>	Co-funding doctoral and postdoctoral programmes	Doctoral Candidates, Postdoctoral Researchers
European Researchers' Night (NIGHT)	<b>MSCA and Citizens (CITIZENS)</b>	Public outreach events (NIGHT)	public

# MSCA Doctoral Networks

## At institutional level:

- Consortium including at least **three institutions**, each established in a **different EU Member States (MS)** and Horizon Europe Associated Countries (**AC**) and with **at least one** of them established in a **MS** prepares a training programme of max. **4 years** for PhD students
- Types of programmes:
  - **Doctoral Networks**
  - **Industrial Doctorates**
  - **Joint Doctorates**

## At individual level:

- DN are open to Doctoral Candidates = not have been awarded a doctoral degree at the date of the recruitment
- PhD students have to be enrolled in a doctoral programme



# MSCA Postdoctoral Fellowships

- **Individual research project:** training-through-research under direct supervision
- Researchers who receive funding have to move from one country to another to acquire new knowledge, skills and competences (mobility rule)
- Two types of fellowships:
  - **European Postdoctoral Fellowships:** coming to Europe (MS/AC) from any country in the world or moving within Europe, 12-24 months
  - **Global Postdoctoral Fellowships:** 24-36 months, outgoing phase (12-24 months, outside EU MS/AC) + mandatory return phase in Europe (12 months)
- Eligible researchers:
  - In possession of **PhD** at the call deadline
  - Up to **8 years research experience** after PhD (with exceptions: career breaks, work outside research, research outside Europe for reintegrating researchers,...)
  - Mobility rule:** not resided / had main activity in the country of the beneficiary (or host organisation for GF) more than **12 months** in the **36 months** before call deadline



# MSCA Postdoctoral Fellowships

## Typical Postdoctoral Fellowship

- **Two way transfer of knowledge** between researcher and host
- **Hands on training:** scientific skills (new techniques, instruments, etc.) and transferable skills (proposal preparation, patent applications, management of IPR, gender issues, Open Science, etc.)
- **Dissemination and Communication activities**
- **Secondments** can take place in MS / AC, up to 1/3 of project duration, additional period of up to 6 months in a non-academic organisation at the end of the project

## Alternative funding

- **ERA Fellowships (Horizon Europe)**
  - In order to promote fellowships in the countries with low participation = Widening Countries, e.g. Czech Republic
  - When submitting your proposal to the Postdoctoral Fellowships Call, you can opt in for this type of grant, the evaluation is based on the evaluation of MSCA PF
- **International Mobility of Researchers „MSCA PF CZ“ (Ministry of Education, Youth and Sports)**
  - Proposals which obtained a high score in the MSCA PF call but were not funded under that call



# MSCA Postdoctoral Fellowships:

## Evaluation and award criteria

Each criterion is scored out of 5, proposals scoring equal to or above 70% are considered for funding

Excellence	Impact	Quality and efficiency of the implementation
Quality and pertinence of the <b>project's research and innovation objectives</b> (and the extent to which they are ambitious, and go beyond the state of the art)	Credibility of the measures to enhance the career perspectives and <b>employability</b> of the researcher and contribution to his/her <b>skills development</b>	Quality and effectiveness of the <b>work plan</b> , assessment of <b>risks</b> and appropriateness of the effort assigned to <b>work packages</b>
Soundness of the proposed <b>methodology</b> (including interdisciplinary approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices)	Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the <b>dissemination and exploitation</b> plan, including <b>communication</b> activities	Quality and capacity of the <b>host institutions and participating organisations</b> , including <b>hosting arrangements</b>
Quality of the <b>supervision, training</b> and of the <b>two-way transfer of knowledge</b> between the researcher and the host	The magnitude and importance of the project's contribution to the <b>expected scientific, societal and economic impacts</b>	
Quality and appropriateness of the <b>researcher's professional experience, competences and skills</b>		
50%	30%	20%

# MSCA Staff Exchanges

## At institutional level:

- Consortium of at least **three institutions in three different countries**, two of which in a **MS/AC**, prepares a collaborative research and innovation project of max. **4 years** based on **staff exchanges** which are **intersectoral** (academia x non-academic sector), **international** (incl. third countries outside Europe) and **interdisciplinary**

## At individual level:

- Any type of staff can carry out their **secondments of 1-12 months** (Doctoral Candidates, Postdoctoral Researchers, administrative, managerial and technical staff)



# MSCA COFUND

European Commission supports financially national, regional, or international schemes for doctoral training and postdoctoral fellowships

- **Doctoral Programmes**
- **Postdoctoral Programmes**

## At institutional level:

- These programmes can be managed by a **regional authority, funding agency, university, research organisation, enterprise** etc.
- EU contribution is limited to **EUR 10 million** per beneficiary per call
- Duration of projects: max. **5 years**

## At individual level:

- **Doctoral Candidates/Postdoctoral Researchers** of any nationality can submit their application if they fulfill selection criteria
- Fellowships: min. 3 months
- EURAXESS portal: [COFUND Programmes](#)



# MSCA AND CITIZENS

- Bring research and researchers closer to the public at large, with a focus notably on families, pupils and students
- Through the organisation of the **European Researchers' Night**: Europe-wide public event, which displays the diversity of science and its impact on citizens' daily lives
- Every researcher can join this event!!!



# MSCA Calls 2021-2022

Call	Action	Opening	Deadline
MSCA-PF-2021 MSCA-PF-2022	Postdoctoral Fellowships	22/06/2021 13/04/2022	12/10/2021 14/09/2022
MSCA-DN-2021 MSCA-DN-2022	Doctoral Networks	22/06/2021 03/05/2022	16/11/2021 15/11/2022
MSCA-CITIZENS-2022	MSCA and Citizens	22/06/2021	7/10/2021
MSCA-SE-2021 MSCA-SE-2022	Staff Exchanges	07/10/2021 6/10/2022	9/03/2022 8/03/2023
MSCA-COFUND-2021 MSCA-COFUND-2021	COFUND	12/10/2021 11/10/2022	10/02/2022 9/02/2023

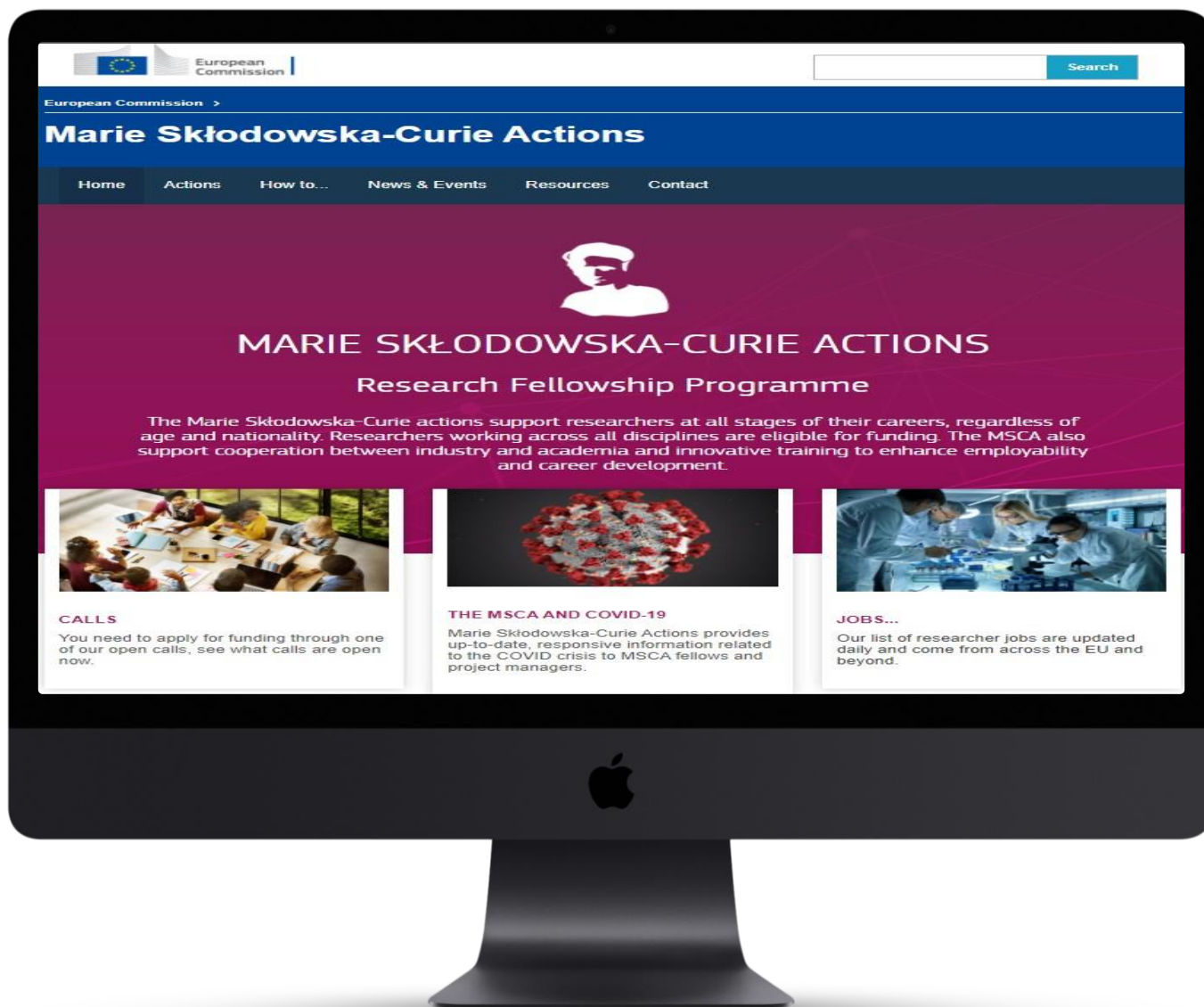
# MSCA grants

Type of action	Contributions for the recruited researcher per person-month					Institutional unit contributions per person-month	
	Living allowance *	Mobility allowance	Family allowance	Long-term leave allowance	Special needs allowance **	Research, training and networking contributions	Management and indirect contributions
Doctoral Networks	EUR 3 400	EUR 600	EUR 660	EUR 4 000 x % covered by the beneficiary	requested unit x (1/number of months)	EUR 1 600	EUR 1 200
Postdoctoral Fellowships	EUR 5 080	EUR 600	EUR 660	EUR 5 680 x % covered by the beneficiary		EUR 1 000	EUR 650
Staff Exchanges	Top-up allowance EUR 2 300					EUR 1 300	EUR 1 000
MSCA COFUND	Contributions for recruited researchers and institutional contributions per person-month						
	COFUND allowance			Long-term leave allowance		Special needs allowance	
	Doctoral programmes	EUR 2 800	EUR 2 800 x % covered by the beneficiary		requested unit		
Postdoctoral programmes	EUR 3 980	EUR 3 980 x % covered by the beneficiary		x (1/number of months)			

\* CCC: country correction coefficient applies (CZ: 79,1).

\*\* The pre-defined categories: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.





## Useful links

- [MSCA main webpage](#)
- [EURAXESS](#) (job offers and research stay opportunities)
- [CORDIS database](#) (funded projects)
- [MSCA Guidelines on Supervision](#)
- [MSCA Green Charter](#)

Sources: European Commission



**THANK YOU  
FOR YOUR ATTENTION.**

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