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## **Horizon Europe**

### **Work Programme 2021-2022**

#### *2. Marie Skłodowska-Curie Actions*

*(European Commission Decision C(2022)2975 of 10 May 2022)*



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## Introduction

The European Union needs a strong, resilient, flexible and creative human resource base, with the right combination of skills to match the future needs of the labour market, to innovate and to convert knowledge and ideas into products and services for economic and social benefit. The Covid-19 crisis has highlighted once more the importance of the Union's reliance on **a highly skilled research-based human capital** that is able to detect and tackle upcoming challenges, to communicate scientific evidence to policy-makers and the public at large, and to work across disciplines.

In this context, the Union must reinforce its efforts to encourage more young women and men to make a career in research, promote its attractiveness for top talents from around the world, retain its own researchers and reintegrate those working elsewhere. The Marie Skłodowska-Curie Actions (MSCA) are the main instrument at Union-level to do so. Since their launch in 1996, they have become the **Union's reference programme for doctoral education and postdoctoral training**. Between 2014 and 2020, in the context of Horizon 2020, the MSCA have supported 65 000 researchers in Europe and beyond, both doctoral candidates and more experienced researchers, and have funded over **1 000 excellent international doctoral networks**.

The MSCA strongly contribute to excellent research, boosting jobs, growth and investment by equipping researchers with **new knowledge and skills** and providing them with **an international as well as inter-sectoral exposure** (including through academia-business collaboration), to fill the top positions of tomorrow.

The MSCA do not only have a positive impact on individual researchers, they also contribute to the development of **excellent doctoral programmes, postdoctoral training programmes and collaborative research projects**. They have a **structuring impact** on higher education institutions and other entities way beyond academia by widely spreading excellence and setting standards for high-quality researcher education and training, not only across the European Research Area (ERA), but also worldwide. Positive structuring effects on organisations include:

- increasing the quality of researchers' training and supervision offered;
- strengthening research capacity (e.g. ability to attract funding);
- improving human resources practices and procedures, and providing fairer and more attractive working conditions for researchers, including through career guidance and development;
- building new and sustainable international and inter-sectoral partnerships and networks; better transfer of knowledge between sectors and disciplines, enhancing their global reputation and visibility.

## Main principles applying to the MSCA

## *Excellence*

The MSCA focus on **excellence** in various aspects: excellence does not only apply to the individual fellows supported or the collaborations fostered and knowledge transferred, but also to the R&I methodologies applied, the research conducted as well as the training, supervision and career guidance provided. Long-term investment in people pays off, as indicated *inter alia* by the number of Nobel Prize winners who have been either former MSCA fellows or supervisors.

## *Mobility*

The MSCA are based on the principle of **physical mobility**: researchers who receive funding have to move from one country to another to acquire new knowledge, skills and competences, and develop their research career. Researchers are also strongly encouraged to move between sectors and disciplines.

While **virtual mobility** does not have the same multifaceted impact on the development of individuals and sustainable cooperation among organisations as physical mobility, it can however complement it, facilitate long-distance collaboration and be an effective means to faster achieving research and training objectives. In this regard, all MSCA proposals are encouraged to explore opportunities offered by e-infrastructures and related services, in particular those provided through GEANT<sup>1</sup>, the pan-European research and education network.

## *Bottom-up and open to the world*

The MSCA are **open to all domains** of research and innovation, chosen freely by the applicants in a fully bottom-up manner, addressed under the Treaty on the Functioning of the European Union. In addition, Postdoctoral Fellowships can also address domains covered by the Treaty establishing the European Atomic Energy Community (Euratom Research and Training Programme 2021-2025). All MSCA will complement top-down collaborative research activities, notably contributing to the Horizon Europe Missions.

The MSCA have also a **strong international dimension**: international cooperation is particularly encouraged as it allows institutions to set-up strategic collaborations worldwide, attracts foreign talents to Europe and provides European researchers with access to unique expertise, facilities, testing environments or data available only outside Europe.

## *Recruitment, working/employment conditions and inclusiveness*

The principles of the **European Charter for Researchers and Code of Conduct for the Recruitment of Researchers** ([Charter and Code](#)) promoting open, merit-based and transparent recruitment and attractive working and employment conditions are a cornerstone of the MSCA and all funded host organisations must put effort into applying them. The MSCA pay particular attention to **equal opportunities and inclusiveness**. In line with the

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<sup>1</sup> <http://www.geant.org>

Charter and Code, all MSCA-funded projects are encouraged to embrace diversity and take measures to facilitate mobility and counter-act gender and disability-related barriers to it.

MSCA projects are also encouraged to facilitate access by **researchers at risk**<sup>2</sup>, through tailored support and career services, including job search assistance in the researcher's new geographical area.

### *Supervision*

The MSCA promote effective supervision, which contribute to creating a supportive environment for the researchers to conduct their work. In line with the principles set out in the Charter and Code, MSCA beneficiaries must ensure **adequately supervision or mentoring and appropriate career guidance**. Supervision is one of the crucial elements of successful research. Guiding, supporting, directing, advising and mentoring are key factors for a researcher to pursue his/her career path. In this context, all MSCA-funded projects are encouraged to follow the recommendations outlined in the **MSCA Guidelines for supervision**<sup>3</sup>.

### *Open Science and Responsible Research and Innovation*

The MSCA endorse **Open Science** and **Responsible Research and Innovation** (RRI) through engaging society at large, integrating the gender and ethical dimensions, promoting Open Science practices through targeted training activities, ensuring open access to research outcomes, including FAIR<sup>4</sup> data handling, encouraging formal and informal science education and feeding back research results into teaching and education.

### *European Green Deal*

The MSCA support **bottom-up and frontier/applied research** contributing directly to the European Commission's commitment to tackling climate and environmental-related challenges. Under Horizon Europe, the MSCA will significantly contribute to promote sustainable research in line with the European Green Deal, the United Nation's 2030 Agenda and the Sustainable Development Goals. All MSCA-funded projects are encouraged to address the principles of the **MSCA Green Charter**<sup>5</sup> and implement measures to minimise the environmental footprint of their activities.

### *Synergies*

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<sup>2</sup> The term 'researcher at risk' refers to researchers at all stages of their career who are experiencing threats to their life, liberty, or research career, and those who are forced or have been forced to flee because of such threats.

<sup>3</sup> <https://ec.europa.eu/msca/supervision>. While the MSCA Guidelines for supervision are non-binding, funded-projects are strongly encouraged to take them into account.

<sup>4</sup> FAIR = Findable, Accessible, Interoperable, Reusable.

<sup>5</sup> [https://ec.europa.eu/msca/green\\_charter](https://ec.europa.eu/msca/green_charter). While the MSCA Green Charter is non-binding, funded-projects are strongly encouraged to take into account the principles it sets out.



The MSCA promote the creation of strong links with the Cohesion policy funds and the Recovery and Resilience Facility (RRF)<sup>6</sup>, notably by creating synergies through its COFUND action and enabling complementarities via awarding a Seal of Excellence certificate to proposals submitted to mono-beneficiary MSCA calls. The Seal is awarded to proposals that exceed all of the evaluation thresholds set out in this work programme, but cannot be funded due to lack of budget.

**MSCA Intervention areas**

There are five main MSCA intervention areas as set out in the Council Decision establishing the specific programme implementing Horizon Europe (Annex 1, page 11-13). All individual Marie Skłodowska-Curie Actions contribute to these intervention areas to one extent or the other:

1. Nurturing Excellence through Mobility of Researchers across Borders, Sectors and Disciplines;
2. Fostering new Skills through Excellent Training of Researchers;
3. Strengthening Human Capital and Skills Development across the European Research Area;
4. Improving and Facilitating Synergies;
5. Promoting Public Outreach.

The following Actions within the MSCA are implementing these intervention areas:

<b>Action</b>	<b>Main Objective</b>
<b>MSCA Doctoral Networks</b>	The <b>MSCA Doctoral Networks</b> aim to train creative, entrepreneurial, innovative and resilient doctoral candidates, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit. The MSCA Doctoral Networks will raise the attractiveness and excellence of doctoral training in Europe. They will equip researchers with the right combination of research-related and transferable competences and provide them with enhanced career perspectives in both the academic <sup>7</sup> and non-academic sectors through international, interdisciplinary and inter-sectoral mobility combined with an innovation-oriented mind-set.
<b>MSCA Postdoctoral</b>	The goal of <b>MSCA Postdoctoral Fellowships</b> is to enhance the creative and innovative potential of researchers holding a PhD, wishing to

<sup>6</sup> The Recovery and Resilience Facility supports reforms and investments undertaken by Member States. The aim is to mitigate the economic and social impact of the coronavirus pandemic and make European economies and societies more sustainable, resilient and better prepared for the challenges and opportunities of the green and digital transitions.

<sup>7</sup> See definitions at the end of the Work Programme part

<b>Fellowships</b>	acquire new skills through advanced training, international, interdisciplinary and inter-sectoral mobility. MSCA Postdoctoral Fellowships are open to excellent researchers of any nationality, including researchers wishing to reintegrate in Europe, researchers who are displaced by conflict as well as researchers with high potential aiming for a career restart in research. The scheme also encourages researchers to work on research and innovation projects in the non-academic sector.
<b>MSCA Staff Exchanges</b>	<b>MSCA Staff Exchanges</b> promote innovative international, inter-sectoral and interdisciplinary collaboration in research and innovation through exchanging staff and sharing knowledge and ideas at all stages of the innovation chain. The scheme fosters a shared culture of research and innovation that welcomes and rewards creativity and entrepreneurship and helps turn ideas into innovative products, services or processes. It is open to research, technical, administrative and managerial staff.
<b>MSCA COFUND</b>	<b>MSCA COFUND</b> co-finances new or existing doctoral programmes and postdoctoral fellowship schemes at national, regional or international level with the aim to spread the best practices of the MSCA including international, inter-sectoral and interdisciplinary research training, as well as international and cross-sectoral mobility of researchers at all stages of their career.
<b>MSCA and Citizens</b>	<b>MSCA and Citizens</b> , through the European Researchers' Night, aims to bring research and researchers closer to the public at large, to increase awareness of research and innovation activities and to boost public recognition of science and research education. It will also show the role of the researcher for the society and economy, as well as the impact of researchers' work on citizens' daily lives, and aim at raising young people's interest for research and scientific careers.

## MSCA Doctoral Networks:

The MSCA Doctoral Networks aim to train creative, entrepreneurial, innovative and resilient doctoral candidates, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit.

The MSCA Doctoral Networks will raise the attractiveness and excellence of doctoral training in Europe. They will equip researchers with the right combination of research-related and transferable competences and provide them with enhanced career perspectives in both the academic and non-academic sectors through international, interdisciplinary and inter-sectoral mobility combined with an innovation-oriented mind-set.

### Expected impact

Proposals under this Action should contribute to the following expected impacts:

- Strengthen Europe's human capital base in R&I by training highly-skilled doctoral candidates,
- Improve the attractiveness of researchers' careers notably through better working and employment conditions of doctoral candidates in Europe
- Enhance talent and knowledge circulation across the R&I landscape, through inter-sectoral, interdisciplinary and international mobility
- Increase Europe's attractiveness as a leading research destination
- Enhance the quality of R&I contributing to Europe's sustainable competitiveness
- Establish sustainable collaboration between academic and non-academic organisations
- Foster the culture of open science, innovation and entrepreneurship

The following call(s) in this work programme contribute to this Action:

Call	Budgets (EUR million)		Deadline(s)
	2021	2022	
HORIZON-MSCA-2021-DN-01	402.95		16 Nov 2021
HORIZON-MSCA-2022-DN-01		428.28	15 Nov 2022
Overall indicative budget	402.95	428.28	

## Call - MSCA Doctoral Networks 2021

**HORIZON-MSCA-2021-DN-01**

### Conditions for the Call

#### Indicative budget(s)<sup>8</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
Opening: 22 Jun 2021 Deadline(s): 16 Nov 2021				
HORIZON-MSCA-2021-DN-01-01	TMA Doctoral Networks	402.95		Not relevant
HORIZON-MSCA-2021-DN-01-01	TMA Doctoral Networks - Industrial Doctorates			Not relevant
HORIZON-MSCA-2021-DN-01-01	TMA Doctoral Networks - Joint Doctorates			Not relevant
Overall indicative budget		402.95		

#### **General conditions relating to this call**

<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.

<sup>8</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
 The Director-General responsible may delay the deadline(s) by up to two months.  
 All deadlines are at 17.00.00 Brussels local time.  
 The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested. For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

### **HORIZON-MSCA-2021-DN-01-01: MSCA Doctoral Networks 2021**

#### Expected Outcome:

Project results are expected to contribute to the following outcomes:

For supported doctoral candidates

- New research and transferable skills and competences, leading to improved employability and career prospects within and outside academia;
- New knowledge allowing the conversion of ideas into products and services, where relevant;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Improved quality, relevance and sustainability of doctoral training programmes and supervision arrangements;
- Enhanced cooperation and transfer of knowledge between sectors and disciplines;
- Increased integration of training and research activities between participating organisations;

- Boosted R&I capacity;
- Increased internationalisation and attractiveness;
- Regular feedback of research results into teaching and education at participating organisations.

**Scope:** MSCA Doctoral Networks will implement doctoral programmes, by partnerships of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors from different countries across Europe and beyond. MSCA Doctoral Networks are indeed open to the participation of organisations from third countries, in view of fostering strategic international partnerships for the training and exchange of researchers.

These doctoral programmes will respond to well-identified needs in various R&I areas, expose the researchers to the academic and non-academic sectors, and offer training in research-related, as well as transferable skills<sup>9</sup> and competences relevant for innovation and long-term employability (e.g. entrepreneurship, commercialisation of results, Intellectual Property Rights, communication). Proposals for doctoral networks can reflect existing or planned research partnerships among the participating organisations.

The selection procedure for doctoral candidates must be open, transparent and merit-based, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice (to be widely advertised internationally, including on the EURAXESS<sup>10</sup> website) must include the gross salary (not including employer's social contributions) offered to the researcher.

MSCA Doctoral Networks are encouraged to lead to Industrial or Joint Doctorates.

#### *Industrial Doctorates*

Through Industrial Doctorates, doctoral candidates will step outside academia and develop skills in industry and business by being jointly supervised by academic and non-academic organisations, both of which can be established in the same EU Member State or Horizon Europe Associated Country.

#### *Joint Doctorates*

Joint Doctorates represent a highly integrated type of international, inter-sectoral and multi/interdisciplinary collaboration in doctoral training. They lead to the delivery of joint, double or multiple doctoral degrees<sup>11</sup> recognised in at least two EU Member States or Horizon Europe Associated Countries.

#### *Steering Board*

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<sup>9</sup> As an illustration, Eurodoc published a list of such transferable skills at: <http://eurodoc.net/skills-report-2018.pdf>

<sup>10</sup> <https://euraxess.ec.europa.eu/>

<sup>11</sup> Every time this Work Programme part refers to doctoral degrees, this means that the degrees have to be recognised as such by the relevant authorities of the country or countries concerned.

Each MSCA Doctoral Network should have a clearly identified steering board co-ordinating network-wide training and research activities and establishing continuous communication and exchange of best practice among the participating organisations to maximise the benefits of the partnership.

### *Training activities*

MSCA Doctoral Networks should exploit complementarities between participating organisations and foster sharing of knowledge and networking activities for example through the organisation of workshops and conferences. Proposed training activities should respond to well identified needs in various R&I areas, with appropriate references to inter- and multidisciplinary fields and follow the EU Principles for Innovative Doctoral Training<sup>12</sup>. They should be primarily focused on developing new scientific knowledge through original research on personalised projects.

Inter-sectoral secondments of researchers to other participating organisations, including in third countries, are encouraged when relevant, feasible and beneficial for the researchers and in line with the project objectives. This will increase the employability of the researchers outside academia.

Doctoral Networks should develop substantial training modules, including digital ones, addressing key transferable skills and competences common to all fields and fostering the culture of Open Science, innovation and entrepreneurship. In particular, Doctoral Networks should adequately prepare doctoral candidates for increased research collaboration and information-sharing made possible by new (digital) technologies (e.g. collaborative tools, opening access to publications and to research data, FAIR data management, public engagement and citizen science, etc.).

### *Supervision*

Particular attention is paid to the quality of supervision and mentoring arrangements as well as career guidance. Joint supervision of the researchers is mandatory for Industrial and Joint Doctorates.

### *Career Development Plan*

A Career Development Plan must be established jointly by the supervisor and each recruited doctoral candidate. In case of joint supervision, such a plan should be established involving all supervisors. In addition to research objectives, this plan comprises the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences and events aiming at opening science and research to citizens. The plan, established at the beginning of the recruitment, should be revised (and updated where needed) within 18 months.

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<sup>12</sup>

[https://euraxess.ec.europa.eu/sites/default/files/policy\\_library/principles\\_for\\_innovative\\_doctoral\\_training.pdf](https://euraxess.ec.europa.eu/sites/default/files/policy_library/principles_for_innovative_doctoral_training.pdf)

## Call - MSCA Doctoral Networks 2022

**HORIZON-MSCA-2022-DN-01**

### Conditions for the Call

Indicative budget(s)<sup>13</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
Opening: 12 May 2022 Deadline(s): 15 Nov 2022				
HORIZON-MSCA-2022-DN-01-01	TMA Doctoral Networks	428.28		Not relevant
HORIZON-MSCA-2022-DN-01-01	TMA Doctoral Networks - Industrial Doctorates			Not relevant
HORIZON-MSCA-2022-DN-01-01	TMA Doctoral Networks - Joint Doctorates			Not relevant
Overall indicative budget		428.28		

### General conditions relating to this call

<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including

<sup>13</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
 The Director-General responsible may delay the deadline(s) by up to two months.  
 All deadlines are at 17.00.00 Brussels local time.  
 The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.



	weighting and thresholds, see the specific conditions at the end of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested. For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2022-DN-01-01: MSCA Doctoral Networks 2022**

Expected Outcome: Project results are expected to contribute to the following outcomes:

For supported doctoral candidates

- New research and transferable skills and competences, leading to improved employability and career prospects within and outside academia;
- New knowledge allowing the conversion of ideas into products and services, where relevant;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Improved quality, relevance and sustainability of doctoral training programmes and supervision arrangements;
- Enhanced cooperation and transfer of knowledge between sectors and disciplines;
- Increased integration of training and research activities between participating organisations;
- Boosted R&I capacity;

- Increased internationalisation and attractiveness;
- Regular feedback of research results into teaching and education at participating organisations.

Scope: MSCA Doctoral Networks will implement doctoral programmes, by partnerships of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors from different countries across Europe and beyond. MSCA Doctoral Networks are indeed open to the participation of organisations from third countries, in view of fostering strategic international partnerships for the training and exchange of researchers.

These doctoral programmes will respond to well-identified needs in various R&I areas, expose the researchers to the academic and non-academic sectors, and offer training in research-related, as well as transferable skills<sup>14</sup> and competences relevant for innovation and long-term employability (e.g. entrepreneurship, commercialisation of results, Intellectual Property Rights, communication). Proposals for doctoral networks can reflect existing or planned research partnerships among the participating organisations.

The selection procedure for doctoral candidates must be open, transparent and merit-based, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice (to be widely advertised internationally, including on the EURAXESS<sup>15</sup> website) must include the gross salary (not including employer's social contributions) offered to the researcher.

MSCA Doctoral Networks are encouraged to lead to Industrial or Joint Doctorates.

#### *Industrial Doctorates*

Through Industrial Doctorates, doctoral candidates will step outside academia and develop skills in industry and business by being jointly supervised by academic and non-academic organisations, both of which can be established in the same EU Member State or Horizon Europe Associated Country.

#### *Joint Doctorates*

Joint Doctorates represent a highly integrated type of international, inter-sectoral and multi/interdisciplinary collaboration in doctoral training. They lead to the delivery of joint, double or multiple doctoral degrees<sup>16</sup> recognised in at least two EU Member States or Horizon Europe Associated Countries.

#### *Supervisory Board*

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<sup>14</sup> As an illustration, Eurodoc published a list of such transferable skills at: <http://eurodoc.net/skills-report-2018.pdf>

<sup>15</sup> <https://euraxess.ec.europa.eu/>

<sup>16</sup> Every time this Work Programme part refers to doctoral degrees, this means that the degrees have to be recognised as such by the relevant authorities of the country or countries concerned.

Each MSCA Doctoral Network should have a clearly identified supervisory board coordinating network-wide training, research and in particular supervision activities in line with the MSCA Guidelines for supervision, while establishing continuous communication and exchange of best practice among the participating organisations to maximise the benefits of the partnership.

### *Training activities*

MSCA Doctoral Networks should exploit complementarities between participating organisations and foster sharing of knowledge and networking activities for example through the organisation of workshops and conferences. Proposed training activities should respond to well identified needs in various R&I areas, with appropriate references to inter- and multidisciplinary fields and follow the EU Principles for Innovative Doctoral Training<sup>17</sup>. They should be primarily focused on developing new scientific knowledge through original research on personalised projects.

Inter-sectoral secondments of researchers to other participating organisations, including in third countries, are encouraged when relevant, feasible and beneficial for the researchers and in line with the project objectives. This will increase the employability of the researchers outside academia.

Doctoral Networks should develop substantial training modules, including digital ones, addressing key transferable skills and competences common to all fields and fostering the culture of Open Science, innovation and entrepreneurship. In particular, Doctoral Networks should adequately prepare doctoral candidates for increased research collaboration and information-sharing made possible by new (digital) technologies (e.g. collaborative tools, opening access to publications and to research data, FAIR data management, public engagement and citizen science, etc.).

### *Supervision*

Particular attention is paid to the quality of supervision and mentoring arrangements as well as career guidance. Joint supervision of the researchers is mandatory for Industrial and Joint Doctorates.

### *Career Development Plan*

A Career Development Plan must be established jointly by the supervisor and each recruited doctoral candidate. In case of joint supervision, such a plan should be established involving all supervisors. In addition to research objectives, this plan comprises the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences and events aiming at opening science and research to citizens. The plan, established at the beginning of the recruitment, should be revised (and updated where needed) within 18 months.

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<sup>17</sup>

[https://euraxess.ec.europa.eu/sites/default/files/policy\\_library/principles\\_for\\_innovative\\_doctoral\\_training.pdf](https://euraxess.ec.europa.eu/sites/default/files/policy_library/principles_for_innovative_doctoral_training.pdf)

## MSCA Postdoctoral Fellowships:

The goal of MSCA Postdoctoral Fellowships is to enhance the creative and innovative potential of researchers holding a PhD and who wish to acquire new skills through advanced training, international, interdisciplinary and inter-sectoral mobility. MSCA Postdoctoral Fellowships will be open to excellent researchers of any nationality. The scheme also encourages researchers to work on research and innovation projects in the non-academic sector and is open to researchers wishing to reintegrate in Europe, to those who are displaced by conflict, as well as to researchers with high potential who are seeking to restart their careers in research.

Through the implementation of an original and personalised research project, MSCA Postdoctoral Fellowships aim to foster excellence through training and mobility and to equip researchers with new skills and competences in order to identify solutions to current and future challenges. Postdoctoral researchers are encouraged to reach out to society at large to make the results of their research visible to citizens.

### Expected impact

Proposals under this Action should contribute to the following expected impacts:

- Enhance the creative and innovative potential of researchers holding a PhD and wishing to diversify their individual competences and skills through advanced training, international, interdisciplinary and inter-sectoral mobility while implementing excellent research projects across all sectors of research;
- Strengthen Europe's human capital base in R&I with better trained, innovative and entrepreneurial researchers;
- Enhance the quality of R&I contributing to Europe's competitiveness and growth;
- Contribute to Europe's attractiveness as a leading destination for R&I and for good working conditions of researchers;
- Facilitate knowledge transfer and brain circulation across the ERA;
- Foster the culture of open science, innovation and entrepreneurship.

The following call(s) in this work programme contribute to this Action:

Call	Budgets (EUR million)		Deadline(s)
	2021	2022	
HORIZON-MSCA-2021-PF-01	242.00		12 Oct 2021

HORIZON-MSCA-2022-PF-01		257.00	14 Sep 2022
Overall indicative budget	242.00	257.00	

## Call - MSCA Postdoctoral Fellowships 2021

***HORIZON-MSCA-2021-PF-01***

### Conditions for the Call

#### Indicative budget(s)<sup>18</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
Opening: 22 Jun 2021 Deadline(s): 12 Oct 2021				
HORIZON-MSCA-2021-PF-01-01	TMA Postdoctoral Fellowships - European Fellowships	205.70		Not relevant
HORIZON-MSCA-2021-PF-01-01	TMA Postdoctoral Fellowships - Global Fellowships	36.30		Not relevant
Overall indicative budget		242.00		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end

<sup>18</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
 The Director-General responsible may delay the deadline(s) by up to two months.  
 All deadlines are at 17.00.00 Brussels local time.  
 The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

	of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested. For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

#### **HORIZON-MSCA-2021-PF-01-01: MSCA Postdoctoral Fellowships 2021**

<b>Specific conditions</b>	
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 205.70 million.
<i>Type of Action</i>	TMA Postdoctoral Fellowships - European Fellowships
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 36.30 million.
<i>Type of Action</i>	TMA Postdoctoral Fellowships - Global Fellowships

#### Expected Outcome:

Project results are expected to contribute to the following outcomes:

For supported postdoctoral fellows

- Increased set of research and transferable skills and competences, leading to improved employability and career prospects of MSCA postdoctoral fellows within academia and beyond;
- New mind-sets and approaches to R&I work forged through interdisciplinary, inter-sectoral and international experience;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Increased alignment of working conditions for researchers in accordance with the principles set out in the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers;
- Enhanced quality and sustainability of research training and supervision;
- Increased global attractiveness, visibility and reputation of the participating organisation(s);
- Stronger R&I capacity and output among participating organisations; better transfer of knowledge;
- Regular feedback of research results into teaching and education at participating organisations.

Scope: Fellowships will be provided to excellent researchers, undertaking international mobility either to or between EU Member States or Horizon Europe Associated Countries, as well as to non-associated Third Countries. Applications will be made jointly by the researcher and a beneficiary in the academic or non-academic sector.

Postdoctoral Fellowships either can take place in Europe (i.e. in an EU Member State or a Horizon Europe Associated Country) or in a Third Country not associated to Horizon Europe:

- European Postdoctoral Fellowships are open to researchers of any nationality who wish to engage in R&I projects by either coming to Europe from any country in the world or moving within Europe. The standard duration of these fellowships must be between 12 and 24 months.
- Global Postdoctoral Fellowships are open to European nationals or long-term residents<sup>19</sup> who wish to engage in R&I projects with organisations outside EU Member States and Horizon Europe Associated Countries. These fellowships require an outgoing phase of minimum 12 and maximum 24 months in a non-associated Third Country, and a mandatory 12-month return phase to a host organisation based in an EU Member State or a Horizon Europe Associated Country.

Specific eligibility conditions apply to MSCA Postdoctoral Fellowships in the research areas covered by the Euratom Research and Training Programme 2021-2025<sup>20</sup>.

### *Secondments*

Researchers receiving a Postdoctoral Fellowship may opt to include a secondment phase, within the overall duration of their fellowship in any country worldwide. The secondment phase can be a single period or be divided into shorter mobility periods.

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<sup>19</sup> See eligibility conditions at the end of this Work Programme part.

<sup>20</sup> See eligibility conditions at the end of this Work Programme part.



For European Postdoctoral Fellowships, secondments cannot exceed one third of the standard fellowship duration and should be in line with the project objectives, adding significant value and impact to the fellowship.

For Global Postdoctoral Fellowships, optional secondments are permitted for up to one third of the outgoing phase. A maximum of three months can be spent at the start of the project at the beneficiary (or any other organisation mentioned in the description of the action), allowing the researcher to spend time there before going to the associated partner in the Third Country. Secondments cannot take place during the mandatory twelve-month return period to the host organisation in an EU Member State or Horizon Europe Associated Country.

#### *Placements in the non-academic sector*

Postdoctoral Fellowships can provide an additional period of up to six months to support researchers seeking a placement at the end of the project to work on R&I projects in an organisation from the non-academic sector established in an EU Member State or Horizon Europe Associated Country<sup>21</sup>. While this possibility is also available to fellows recruited in the non-academic sector, such a placement must be implemented at a different non-academic host organisation established in an EU Member State or Horizon Europe Associated Country<sup>22</sup>. The request for such a placement must be an integral part of the proposal, explaining the added-value for the project and for the career development of the researcher, and will be subject to evaluation. It must be substantiated by a letter of commitment from the European non-academic organisation where the placement takes place<sup>23</sup>. This incentive aims at promoting career moves between sectors and organisations and thereby stimulate innovation and knowledge transfer while expanding career opportunities for researchers.

#### *Training activities*

The training activities implemented under the Postdoctoral Fellowships should include training for key transferable skills<sup>24</sup>, foster innovation and entrepreneurship, (e.g. commercialisation of results, Intellectual Property Rights, communication, public engagement and citizen science) and promote Open Science practices (open access to publications and to research data, FAIR data management, etc.).

#### *Career Development Plan*

In order to equip MSCA postdoctoral fellows with skills that enhance and expand their career opportunities inside and outside academia, a Career Development Plan should be established jointly by the supervisor(s) and the researcher. In addition to research objectives, this plan should comprise the researcher's training and career needs, including training on transferable

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<sup>21</sup> For proposals in the research areas covered by the Euratom Research and Training Programme, the organisation from the non-academic sector must be established in an EU Member State or a country associated to the Euratom Research and Training Programme 2021-2025

<sup>22</sup> idem

<sup>23</sup> In the grant agreement, these non-academic organisations must be identified as associated partners.

<sup>24</sup> As an illustration, Eurodoc published a list of such transferable skills at: <http://eurodoc.net/skills-report-2018.pdf>

skills, teaching, planning for publications and participation in conferences and events aiming at opening science and research to citizens. The Plan will have to be submitted as a project deliverable at the beginning of the action and can be updated when needed.

### *Euratom*

Aiming to enhance nuclear expertise and excellence as well as synergies between Programmes, organisations active in nuclear research established in one of EU Member States or countries associated to the Euratom Research and Training programme 2021-2025<sup>25</sup>, are eligible to participate. MSCA Postdoctoral Fellowships in this area of research will be supported by the Euratom Research and Training Programme 2021-2025 through an indicative annual financial contribution of EUR 1 million to the MSCA Postdoctoral Fellowships call<sup>26</sup>.

### *ERA Fellowships*

The ERA Fellowships implemented through Work Programme Annex 11, Widening Participation and Strengthening the European Research Area, provide specific support to researchers to undertake their fellowship in a widening country<sup>27</sup>. This will help spread excellence and contribute to fostering balanced brain circulation in widening countries.

## **Call - MSCA Postdoctoral Fellowships 2022**

***HORIZON-MSCA-2022-PF-01***

### **Conditions for the Call**

#### Indicative budget(s)<sup>28</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
Opening: 12 May 2022 Deadline(s): 14 Sep 2022				

<sup>25</sup> See eligibility conditions at the end of this Work Programme part

<sup>26</sup> As indicated in the Euratom Work Programme

<sup>27</sup> These countries are aligned with Work Programme part 11, Widening Participation and Strengthening the European Research Area

<sup>28</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.

The Director-General responsible may delay the deadline(s) by up to two months.

All deadlines are at 17.00.00 Brussels local time.

The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

HORIZON-MSCA-2022-PF-01-01	TMA Postdoctoral Fellowships - European Fellowships	218.45		Not relevant
HORIZON-MSCA-2022-PF-01-01	TMA Postdoctoral Fellowships - Global Fellowships	38.55		Not relevant
Overall indicative budget		257.00		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested.  For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2022-PF-01-01: MSCA Postdoctoral Fellowships 2022**

<b>Specific conditions</b>	
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 218.45 million.

<i>Type of Action</i>	TMA Postdoctoral Fellowships - European Fellowships
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 38.55 million.
<i>Type of Action</i>	TMA Postdoctoral Fellowships - Global Fellowships

Expected Outcome:

Project results are expected to contribute to the following outcomes:

For supported postdoctoral fellows

- Increased set of research and transferable skills and competences, leading to improved employability and career prospects of MSCA postdoctoral fellows within academia and beyond;
- New mind-sets and approaches to R&I work forged through interdisciplinary, inter-sectoral and international experience;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Increased alignment of working conditions for researchers in accordance with the principles set out in the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers;
- Enhanced quality and sustainability of research training and supervision;
- Increased global attractiveness, visibility and reputation of the participating organisation(s);
- Stronger R&I capacity and output among participating organisations; better transfer of knowledge;
- Regular feedback of research results into teaching and education at participating organisations.

Scope: Fellowships will be provided to excellent researchers, undertaking international mobility either to or between EU Member States or Horizon Europe Associated Countries, as well as to non-associated Third Countries. Applications will be made jointly by the researcher and a beneficiary in the academic or non-academic sector.

Postdoctoral Fellowships either can take place in Europe (i.e. in an EU Member State or a Horizon Europe Associated Country) or in a Third Country not associated to Horizon Europe:

- European Postdoctoral Fellowships are open to researchers of any nationality who wish to engage in R&I projects by either coming to Europe from any country in the world or moving within Europe. The standard duration of these fellowships must be between 12 and 24 months.
- Global Postdoctoral Fellowships are open to European nationals or long-term residents<sup>29</sup> who wish to engage in R&I projects with organisations outside EU Member States and Horizon Europe Associated Countries. These fellowships require an outgoing phase of minimum 12 and maximum 24 months in a non-associated Third Country, and a mandatory 12-month return phase to a host organisation based in an EU Member State or a Horizon Europe Associated Country.

Specific eligibility conditions apply to MSCA Postdoctoral Fellowships in the research areas covered by the Euratom Research and Training Programme 2021-2025<sup>30</sup>.

### *Secondments*

Researchers receiving a Postdoctoral Fellowship may opt to include a secondment phase, within the overall duration of their fellowship in any country worldwide. The secondment phase can be a single period or be divided into shorter mobility periods.

For European Postdoctoral Fellowships, secondments cannot exceed one third of the requested duration of the action (excluding from the duration of the action any additional period for a non-academic placement) and should be in line with the project objectives, adding significant value and impact to the fellowship.

For Global Postdoctoral Fellowships, optional secondments are permitted for up to one third of the outgoing phase. A maximum of three months can be spent at the start of the project at the beneficiary (or associated partners linked to the beneficiary), allowing the researcher to spend time there before going to the associated partner in the Third Country. This period of maximum three months will be considered as part of the outgoing phase.

Secondments cannot take place during the mandatory twelve-month return period to the host organisation in an EU Member State or Horizon Europe Associated Country.

### *Placements in the non-academic sector*

Postdoctoral Fellowships can provide an additional period of up to six months to support researchers seeking a placement at the end of the project to work on R&I projects in an organisation from the non-academic sector established in an EU Member State or Horizon Europe Associated Country<sup>31</sup>. While this possibility is also available to fellows recruited in the non-academic sector, such a placement must be implemented at a different non-academic

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<sup>29</sup> See eligibility conditions at the end of this Work Programme part.

<sup>30</sup> See eligibility conditions at the end of this Work Programme part.

<sup>31</sup> For proposals in the research areas covered by the Euratom Research and Training Programme, the organisation from the non-academic sector must be established in an EU Member State or a country associated to the Euratom Research and Training Programme 2021-2025

host organisation established in an EU Member State or Horizon Europe Associated Country<sup>32</sup>. The request for such a placement must be an integral part of the proposal, explaining the added-value for the project and for the career development of the researcher, and will be subject to evaluation. It must be substantiated by a letter of commitment from the European non-academic organisation where the placement takes place<sup>33</sup>. This incentive aims at promoting career moves between sectors and organisations and thereby stimulate innovation and knowledge transfer while expanding career opportunities for researchers.

If the placement does not meet the requirements (missing letter of commitment or taking place in an academic organisation or in a Third Country), the proposal will be evaluated without taking into account the placement. This might affect the final score.

### *Training activities*

The training activities implemented under the Postdoctoral Fellowships should include training for key transferable skills<sup>34</sup>, foster innovation and entrepreneurship, (e.g. commercialisation of results, Intellectual Property Rights, communication, public engagement and citizen science) and promote Open Science practices (open access to publications and to research data, FAIR data management, etc.).

### *Career Development Plan*

In order to equip MSCA postdoctoral fellows with skills that enhance and expand their career opportunities inside and outside academia, a Career Development Plan should be established jointly by the supervisor(s) and the researcher. In addition to research objectives, this plan should comprise the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences and events aiming at opening science and research to citizens. The Plan will have to be submitted as a project deliverable at the beginning of the action and can be updated when needed.

### *Euratom*

Aiming to enhance nuclear expertise and excellence as well as synergies between Programmes, organisations active in nuclear research established in one of EU Member States or countries associated to the Euratom Research and Training programme 2021-2025<sup>35</sup>, are eligible to participate. MSCA Postdoctoral Fellowships in this area of research will be supported by the Euratom Research and Training Programme 2021-2025 through an indicative annual financial contribution of EUR 1 million to the MSCA Postdoctoral Fellowships call<sup>36</sup>.

### *ERA Fellowships*

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<sup>32</sup> idem

<sup>33</sup> In the grant agreement, these non-academic organisations must be identified as associated partners.

<sup>34</sup> As an illustration, Eurodoc published a list of such transferable skills at: <http://eurodoc.net/skills-report-2018.pdf>

<sup>35</sup> See eligibility conditions at the end of this Work Programme part

<sup>36</sup> As indicated in the Euratom Work Programme

The ERA Fellowships implemented through Work Programme Annex 11, Widening Participation and Strengthening the European Research Area, provide specific support to researchers to undertake their fellowship in a widening country<sup>37</sup>. This will help spread excellence and contribute to fostering balanced brain circulation in widening countries.

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<sup>37</sup> These countries are aligned with Work Programme part 11, Widening Participation and Strengthening the European Research Area

## MSCA Staff Exchanges:

MSCA Staff Exchanges promote innovative international, inter-sectoral and interdisciplinary collaboration in research and innovation through exchanging staff and sharing knowledge and ideas at all stages of the innovation chain. The scheme fosters a shared culture of research and innovation that welcomes and rewards creativity and entrepreneurship and helps turn ideas into innovative products, services or processes. It is open to research, technical, administrative and managerial staff supporting R&I activities.

### Expected impact

Proposals under this Action should contribute to the following expected impacts:

- Increase international, interdisciplinary and inter-sectoral mobility of research staff within Europe and beyond through collaborative research networks and activities;
- Strengthen the R&I human capital base in Europe and beyond;
- Increase Europe's attractiveness as a leading destination for R&I;
- Contribute to Europe's competitiveness and growth through high-quality R&I;
- Foster the culture of open science, innovation and entrepreneurship.

The following call(s) in this work programme contribute to this Action:

Call	Budgets (EUR million)		Deadline(s)
	2021	2022	
HORIZON-MSCA-2021-SE-01	72.50		09 Mar 2022
HORIZON-MSCA-2022-SE-01		77.50	08 Mar 2023
Overall indicative budget	72.50	77.50	



## Call - MSCA Staff Exchanges 2021

**HORIZON-MSCA-2021-SE-01**

### Conditions for the Call

#### Indicative budget(s)<sup>38</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
Opening: 07 Oct 2021 Deadline(s): 09 Mar 2022				
HORIZON-MSCA-2021-SE-01-01	TMA Staff Exchanges	72.50		
Overall indicative budget		72.50		

#### **General conditions relating to this call**

<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.

<sup>38</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
 The Director-General responsible may delay the deadline(s) by up to two months.  
 All deadlines are at 17.00.00 Brussels local time.  
 The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested.  For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2021-SE-01-01: MSCA Staff Exchanges 2021**

Expected Outcome:

Project results are expected to contribute to the following outcomes:

For staff members

- Increased set of research and transferable skills and competences, leading to improved employability and career prospects within and outside academia;
- More knowledge and innovative ideas converted into products, processes and services;
- More entrepreneurial mind-sets, testing new and innovative ideas;
- Increased international exposure leading to extended networks and opportunities;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Innovative ways of cooperation and transfer of knowledge between sectors and disciplines;
- Strengthened and broader international, interdisciplinary and inter-sectoral collaborative networks;
- Boosted R&I capacity.

Scope: MSCA Staff Exchanges involve organisations from the academic and non-academic sectors (including SMEs) from across the globe.

Support is provided for international, inter-sectoral and interdisciplinary mobility of R&I staff leading to knowledge transfer between participating organisations.

### *Mobility through secondments*

The organisations constituting the partnership contribute directly to the implementation of a joint R&I project by seconding and/or hosting eligible staff members. Such a project must explore activities that can be based on previous work but should go beyond and generate or strengthen long-term collaborations. Secondments must always take place between legal entities independent from each other.

MSCA Staff Exchanges can address three dimensions of mobility: inter-sectoral, international and interdisciplinary<sup>39</sup>. While exchanges between organisations within EU Member States and Horizon Europe Associated Countries should mainly be inter-sectoral, same-sector exchanges<sup>40</sup> are also possible under the condition that they are interdisciplinary. Interdisciplinarity is not required for same-sector exchanges with non-associated Third Countries.

Secondments between institutions established in non-associated Third Countries or within the same EU Member State or Horizon Europe Associated Country are not eligible.

The collaborative approach of MSCA Staff Exchanges should exploit complementary competences of the participating organisations and create synergies between them. The secondments should be essential to achieve the joint project's R&I activities. The project should *inter alia* enable networking activities and the organisation of workshops and conferences, to facilitate sharing of knowledge and testing of innovative approaches for specific R&I topics.

### *Skills' development*

For participating staff members, the project should offer new skills acquisition and career development perspectives. Participating organisations must ensure that the seconded staff are adequately mentored.

## **Call - MSCA Staff Exchanges 2022**

***HORIZON-MSCA-2022-SE-01***

### **Conditions for the Call**

#### Indicative budget(s)<sup>41</sup>

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<sup>39</sup> Interdisciplinarity means the integration of information, data, techniques, tools, perspectives, concepts or theories from two or more scientific disciplines. These aspects will be assessed during the evaluation.

<sup>40</sup> See specific conditions at the end of this Work Programme part.

<sup>41</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.

The Director-General responsible may delay the deadline(s) by up to two months.  
All deadlines are at 17.00.00 Brussels local time.

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
Opening: 06 Oct 2022 Deadline(s): 08 Mar 2023				
HORIZON-MSCA-2022-SE-01-01	TMA Staff Exchanges	77.50		
Overall indicative budget		77.50		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested.  For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

Proposals are invited against the following topic(s):

### **HORIZON-MSCA-2022-SE-01-01: MSCA Staff Exchanges 2022**

#### Expected Outcome:

Project results are expected to contribute to the following outcomes:

For staff members

- Increased set of research and transferable skills and competences, leading to improved employability and career prospects within and outside academia;
- More knowledge and innovative ideas converted into products, processes and services;
- More entrepreneurial mind-sets, testing new and innovative ideas;
- Increased international exposure leading to extended networks and opportunities;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Innovative ways of cooperation and transfer of knowledge between sectors and disciplines;
- Strengthened and broader international, interdisciplinary and inter-sectoral collaborative networks;
- Boosted R&I capacity.

Scope: MSCA Staff Exchanges involve organisations from the academic and non-academic sectors (including SMEs) from across the globe.

Support is provided for international, inter-sectoral and interdisciplinary mobility of R&I staff leading to knowledge transfer between participating organisations.

#### *Mobility through secondments*

The organisations constituting the partnership contribute directly to the implementation of a joint R&I project by seconding and/or hosting eligible staff members. Such a project must explore activities that can be based on previous work but should go beyond and generate or strengthen long-term collaborations. Secondments must always take place between legal entities independent from each other.

MSCA Staff Exchanges can address three dimensions of mobility: inter-sectoral, international and interdisciplinary<sup>42</sup>. While exchanges between organisations within EU Member States and Horizon Europe Associated Countries should mainly be inter-sectoral, same-sector exchanges<sup>43</sup> are also possible under the condition that they are interdisciplinary. Interdisciplinarity is not required for same-sector exchanges with non-associated Third Countries.

Secondments between institutions established in non-associated Third Countries or within the same EU Member State or Horizon Europe Associated Country are not eligible.

The collaborative approach of MSCA Staff Exchanges should exploit complementary competences of the participating organisations and create synergies between them. The secondments should be essential to achieve the joint project's R&I activities. The project should *inter alia* enable networking activities and the organisation of workshops and conferences, to facilitate sharing of knowledge and testing of innovative approaches for specific R&I topics.

#### *Skills' development*

For participating staff members, the project should offer new skills acquisition and career development perspectives. Participating organisations must ensure that the seconded staff are adequately mentored.

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<sup>42</sup> Interdisciplinarity means the integration of information, data, techniques, tools, perspectives, concepts or theories from two or more scientific disciplines (see definitions at the end of this Work Programme part).

<sup>43</sup> See specific conditions at the end of this Work Programme part.

## **MSCA Co-funding of regional, national and international programmes:**

MSCA COFUND co-finances new or existing doctoral programmes and postdoctoral fellowship schemes with the aim of spreading the best practices of the MSCA including international, inter-sectoral and interdisciplinary research training, as well as international and cross-sectoral mobility of researchers at all stages of their career.

In practice, MSCA COFUND provides complementary funding for doctoral or postdoctoral programmes managed by entities established in EU Member States or Horizon Europe Associated Countries. Those co-funded programmes must follow MSCA's good practice in terms of international recruitment and minimum standard of employment for the recruited fellows as described in the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers.

### Expected impact

Proposals under this Action should contribute to the following expected impacts:

- Enhance talent and knowledge circulation across the R&I landscape, through inter-sectoral, interdisciplinary and international mobility, including by supporting regional or national smart specialisation strategies when appropriate;
- Align practices with MSCA policies based on the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers;
- Improve the attractiveness of researchers' careers notably through better working and employment conditions;
- Strengthen Europe's human capital base in R&I by training highly-skilled researchers;
- Increase Europe's attractiveness as a leading R&I destination;
- Enhance the quality of R&I contributing to Europe's sustainable competitiveness;
- Establish sustainable collaboration between academic and non-academic organisations;
- Foster the culture of open science, innovation and entrepreneurship.

The following call(s) in this work programme contribute to this Action:

Call	Budgets (EUR million)		Deadline(s)
	2021	2022	
HORIZON-MSCA-2021-COFUND-01	89.00		10 Feb 2022

HORIZON-MSCA-2022-COFUND-01		95.00	09 Feb 2023
Overall indicative budget	89.00	95.00	



## Call - MSCA COFUND 2021

***HORIZON-MSCA-2021-COFUND-01***

### Conditions for the Call

#### Indicative budget(s)<sup>44</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
Opening: 12 Oct 2021 Deadline(s): 10 Feb 2022				
HORIZON-MSCA-2021-COFUND-01-01	TMA-Cofund- Doctoral	89.00		Not relevant
HORIZON-MSCA-2021-COFUND-01-01	TMA-Cofund- Postdoctoral			Not relevant
Overall indicative budget		89.00		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end of this Work Programme part.

<sup>44</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
 The Director-General responsible may delay the deadline(s) by up to two months.  
 All deadlines are at 17.00.00 Brussels local time.  
 The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	The expected EU contribution depends on the number of person-months requested. For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2021-COFUND-01-01: MSCA COFUND 2021**

Expected Outcome:

Projects results are expected to contribute to the following outcomes:

For supported doctoral candidates or postdoctoral researchers

- Deeper and more diverse set of research-related and transferable skills and competences;
- Improved employability and career prospects both within academia and beyond;
- New mind-sets and approaches to R&I work forged through interdisciplinary and inter-sectoral experience;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Enhanced quality and sustainability of research training;
- Increased global attractiveness, visibility and reputation of the participating organisation(s);
- Stronger R&I capacity and output among participating organisations;
- Increased contribution of the participating organisations to the local, regional and/or national socio-economic ecosystems;

- Regular feedback of research results into teaching and education at participating organisations.

Scope: Applicants submit proposals for new or existing doctoral or postdoctoral programmes with an impact on the enhancement of human resources in R&I at regional, national or international level. These programmes will be co-funded by MSCA COFUND.

Proposed programmes can cover any research disciplines ("bottom-up"), but exceptionally can also focus on specific disciplines, notably when they are based on national or regional Research and Innovation Strategies for Smart Specialisation (RIS3 strategies). In this case, the range of covered disciplines should allow reasonable flexibility for the researchers to define their topic.

Funding synergies with Cohesion policy funds and the Recovery and Resilience Facility (RRF) are strongly encouraged<sup>45,46</sup>.

A Career Development Plan must be jointly established by the supervisor and each recruited researcher upon recruitment. In addition to research objectives, this Plan comprises the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences and events aimed at opening science and research to citizens. The Plan must be established at the beginning of the recruitment and should be revised (and updated where needed) within 18 months.

COFUND takes the form of:

#### *A) Doctoral programmes*

Doctoral programmes offer research training activities to allow doctoral candidates to develop and broaden their skills and competences. They will lead to the award of a doctoral degree in at least one EU Member State or Horizon Europe Associated Country. The training activities should be based on the [EU Principles on Innovative Doctoral Training](#).

Substantial training modules, including digital ones, addressing key transferable skills and competences common to all fields and fostering the culture of Open Science, innovation and entrepreneurship will be supported. They will include, *inter alia*, training on the use of collaborative tools, opening access to publications and to research data, FAIR data management, public engagement and citizen science.

On top of compulsory international mobility, applicants are encouraged to include elements of cross-sectoral mobility and interdisciplinarity into their programmes. Collaboration with a wider set of associated partners, including from the non-academic sector, will be positively taken into account during the evaluation. These organisations may provide hosting or secondment opportunities or training modules in research or transferable skills.

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<sup>45</sup> <https://ec.europa.eu/research/regions/index.cfm?pg=synergies>

<sup>46</sup> The Recovery and Resilience Facility supports reforms and investments undertaken by Member States. The aim is to mitigate the economic and social impact of the coronavirus pandemic and make European economies and societies more sustainable, resilient and better prepared for the challenges and opportunities of the green and digital transitions.

Particular attention is paid to the quality of supervision and mentoring arrangements as well as career guidance. The selection procedure for doctoral candidates must be open, transparent and merit-based, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice (to be widely advertised internationally, including on the EURAXESS <sup>47</sup> website) must include the minimum gross salary (not including employer’s social contributions) offered to the researcher.

*B) Postdoctoral Programmes*

Postdoctoral Programmes fund individual advanced research training and career development fellowships for postdoctoral researchers. The programmes should offer training to develop key transferable skills and competences common to all fields, foster innovation and entrepreneurship and promote and (where appropriate) reward Open Science practices (open access to publications and to research data, FAIR data management, public engagement and citizen science, etc.).

Postdoctoral Programmes should have regular selection rounds following fixed deadlines or regular cut-off dates, allowing fair competition between researchers. The selections should be open, widely advertised internationally (including on the EURAXESS website), competitive, merit-based and with a transparent international peer review, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice must include the minimum gross salary (not including employer’s social contributions) offered to the postdoctoral researcher.

On top of compulsory international mobility, applicants are encouraged to include elements of cross-sectoral mobility and interdisciplinarity into their programmes. Researchers will be able to freely choose a research topic and the appropriate organisation to host them, fitting their individual needs.

**Call - MSCA COFUND 2022**

***HORIZON-MSCA-2022-COFUND-01***

**Conditions for the Call**

Indicative budget(s)<sup>48</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project	Number of projects expected to be
		2022		

<sup>47</sup> <https://euraxess.ec.europa.eu/>

<sup>48</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
The Director-General responsible may delay the deadline(s) by up to two months.  
All deadlines are at 17.00.00 Brussels local time.  
The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

			(EUR million)	funded
Opening: 11 Oct 2022 Deadline(s): 09 Feb 2023				
HORIZON-MSCA-2022-COFUND-01-01	TMA-Cofund-Doctoral	95.00		Not relevant
HORIZON-MSCA-2022-COFUND-01-01	TMA-Cofund-Postdoctoral			Not relevant
Overall indicative budget		95.00		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The general conditions are described in General Annex B. See exceptions and specific conditions at the end of this work programme part.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	For application of the general award criteria, including weighting and thresholds, see the specific conditions at the end of this Work Programme part.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The general procedure is described in General Annex F. See exceptions and specific conditions at the end of this work programme part.
<i>Expected EU contribution per project</i>	<p>The expected EU contribution depends on the number of person-months requested.</p> <p>For the applicable unit contributions, see specific conditions for MSCA at the end of this Work Programme part</p>
<i>Legal and financial set-up of the Grant Agreements</i>	The general conditions are described in General Annex G. See exceptions and specific conditions at the end of this Work Programme part.

Proposals are invited against the following topic(s):

## **HORIZON-MSCA-2022-COFUND-01-01: MSCA COFUND 2022**

### Expected Outcome:

Projects results are expected to contribute to the following outcomes:

For supported doctoral candidates or postdoctoral researchers

- Deeper and more diverse set of research-related and transferable skills and competences;
- Improved employability and career prospects both within academia and beyond;
- New mind-sets and approaches to R&I work forged through interdisciplinary and inter-sectoral experience;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Enhanced quality and sustainability of research training;
- Increased global attractiveness, visibility and reputation of the participating organisation(s);
- Stronger R&I capacity and output among participating organisations;
- Increased contribution of the participating organisations to the local, regional and/or national socio-economic ecosystems;
- Regular feedback of research results into teaching and education at participating organisations.

Scope: Applicants submit proposals for new or existing doctoral or postdoctoral programmes with an impact on the enhancement of human resources in R&I at regional, national or international level. These programmes will be co-funded by MSCA COFUND.

Proposed programmes can cover any research disciplines ("bottom-up"), but exceptionally can also focus on specific disciplines, notably when they are based on national or regional Research and Innovation Strategies for Smart Specialisation (RIS3 strategies). In this case, the range of covered disciplines should allow reasonable flexibility for the researchers to define their topic.

Funding synergies with Cohesion policy funds and the Recovery and Resilience Facility (RRF) are strongly encouraged<sup>49,50</sup>.

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<sup>49</sup> <https://ec.europa.eu/research/regions/index.cfm?pg=synergies>

A Career Development Plan must be jointly established by the supervisor and each recruited researcher upon recruitment. In addition to research objectives, this Plan comprises the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences and events aimed at opening science and research to citizens. The Plan must be established at the beginning of the recruitment and should be revised (and updated where needed) within 18 months.

COFUND takes the form of:

#### *A) Doctoral programmes*

Doctoral programmes offer research training activities to allow doctoral candidates to develop and broaden their skills and competences. They will lead to the award of a doctoral degree in at least one EU Member State or Horizon Europe Associated Country. The training activities should be based on the [EU Principles on Innovative Doctoral Training](#).

Substantial training modules, including digital ones, addressing key transferable skills and competences common to all fields and fostering the culture of Open Science, innovation and entrepreneurship will be supported. They will include, *inter alia*, training on the use of collaborative tools, opening access to publications and to research data, FAIR data management, public engagement and citizen science.

On top of compulsory international mobility, applicants are encouraged to include elements of cross-sectoral mobility and interdisciplinarity into their programmes. Collaboration with a wider set of associated partners, including from the non-academic sector, will be positively taken into account during the evaluation. These organisations may provide hosting or secondment opportunities or training modules in research or transferable skills.

Particular attention is paid to the quality of supervision and mentoring arrangements as well as career guidance. The selection procedure for doctoral candidates must be open, transparent and merit-based, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice (to be widely advertised internationally, including on the EURAXESS <sup>51</sup> website) must include the minimum gross salary (not including employer's social contributions) offered to the researcher.

#### *B) Postdoctoral Programmes*

Postdoctoral Programmes fund individual advanced research training and career development fellowships for postdoctoral researchers. The programmes should offer training to develop key transferable skills and competences common to all fields, foster innovation and entrepreneurship and promote and (where appropriate) reward Open Science practices (open access to publications and to research data, FAIR data management, public engagement and citizen science, etc.).

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50 The Recovery and Resilience Facility supports reforms and investments undertaken by Member States. The aim is to mitigate the economic and social impact of the coronavirus pandemic and make European economies and societies more sustainable, resilient and better prepared for the challenges and opportunities of the green and digital transitions.

51 <https://euraxess.ec.europa.eu/>

Postdoctoral Programmes should have regular selection rounds following fixed deadlines or regular cut-off dates, allowing fair competition between researchers. The selections should be open, widely advertised (including on the EURAXESS website), competitive, merit-based and with a transparent international peer review, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice must include the minimum gross salary (not including employer's social contributions) offered to the postdoctoral researcher.

On top of compulsory international mobility, applicants are encouraged to include elements of cross-sectoral mobility and interdisciplinarity into their programmes. Researchers will be able to freely choose a research topic and the appropriate organisation to host them, fitting their individual needs.



## **MSCA and Citizens:**

MSCA and Citizens aims to bring research and researchers closer to the public at large, to increase awareness of research and innovation activities and to boost public recognition of science and research education. It will show the role of the researcher for the society and economy, as well as the impact of researchers' work on citizens' daily lives. It also aims to raise the interest of young people in research and scientific careers.

MSCA and Citizens will address the general public, attracting people regardless of the level of their scientific background, with a specific focus on families, pupils, students, and notably those who do not have easy access to, and thus are less inclined to engage in, STEAM fields (science, technology, engineering, arts and mathematics) or research activities. Inclusiveness should be key, in view of broadening access to science and research to all.

MSCA and Citizens should also promote gender balance and inclusiveness in science, Open Science, and Responsible Research and Innovation.

These objectives will be pursued through the organisation of the European Researchers' Night, the largest research communication and promotion event taking place across EU Member States and Horizon Europe Associated Countries.

The European Researchers' Night will include the Researchers at Schools initiative which aims to strengthen the connection between research and education, by bringing researchers to schools to encourage interaction with pupils at all levels of primary and secondary education. Researchers and school pupils will meet to talk about current and future challenges of our societies and the related key role of research. Pupils will learn directly about research projects and activities addressing the EU priorities and main orientations.

### Expected impact

Proposals under this Action should contribute to the following expected impacts:

- Enhance engagement with citizens on R&I;
- Increase awareness among the general public of the importance and benefits of R&I and its concrete impact on citizens' daily life;
- Contribute to the diffusion and the promotion of excellence research projects across Europe and beyond;
- Raise the interest of young people in science and research careers;
- Contribute to a better understanding of the European Union policies and programmes among the general public;
- Support school teachers in developing a scientific approach around priority topics and creating a learning opportunity for pupils through a direct interaction with researchers.

The following call(s) in this work programme contribute to this Action:

Call	Budgets (EUR million)	Deadline(s)
	2022	
HORIZON-MSCA-2022-CITIZENS-01	15.50	07 Oct 2021
Overall indicative budget	15.50	

## Call - MSCA and Citizens 2022

### *HORIZON-MSCA-2022-CITIZENS-01*

#### Conditions for the Call

##### Indicative budget(s)<sup>52</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) <sup>53</sup>	Number of projects expected to be funded
		2022		
Opening: 22 Jun 2021 Deadline(s): 07 Oct 2021				
HORIZON-MSCA-2022-CITIZENS-01-01	CSA	15.50	0.05 to 0.15	50
Overall indicative budget		15.50		

#### **General conditions relating to this call**

<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The conditions are described in General Annex B.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	The criteria are described in General Annex D.
<i>Documents</i>	The documents are described in General Annex E.

<sup>52</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
The Director-General responsible may delay the deadline(s) by up to two months.  
All deadlines are at 17.00.00 Brussels local time.  
The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<sup>53</sup> Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.

<i>Procedure</i>	The procedure is described in General Annex F.
<i>Legal and financial set-up of the Grant Agreements</i>	The rules are described in General Annex G.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2022-CITIZENS-01-01: European Researchers' Night 2022-2023**

<b>Specific conditions</b>	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 0.05 and 0.15 million would allow these outcomes to be addressed appropriately.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 15.50 million.
<i>Type of Action</i>	Coordination and Support Actions
<i>Legal and financial set-up of the Grant Agreements</i>	The rules are described in General Annex G. The following exceptions apply:  Eligible costs will take the form of lump sum contributions as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

Expected Outcome:

Project results are expected to contribute to the following outcomes:

For researchers

- Enhanced opportunities to interact with citizens and local, regional and national authorities;
- Improved communication skills and competences to interact with a non-research audience, notably with pupils and students.

For organisations

- Increased reputation and visibility of participating organisations in terms of hosting excellence research projects towards the general public and possible future students;
- Researchers' work made more tangible, concrete, accessible, and thus opening research and science to all;

- Improved outreach to all audiences, and notably those who do not have an easy access to science and research activities;
- Better communication of R&I results and activities to society, increased and strengthened opportunities for citizens' engagement.

Scope: The European Researchers' Night takes place every year, on the last Friday of September<sup>54</sup>. It supports events that can last up to two days: they can start on Friday and continue the following day. Pre-events, prior to the main event, and related post-events, such as wrap-up meetings or small-scale follow-up events, can also be organised.

It is the occasion for a Europe-wide public and media event for the promotion of research careers, in particular focused on young people and their families.

The European Researchers' Night targets the general public, addressing and attracting people regardless of the level of their scientific background, with a special focus on families, pupils and students, and notably those who do not have easy access to, and thus are less inclined to engage in STEAM fields (science, technology, engineering, arts and mathematics) or research activities.

The European Researchers' Night will also bring researchers to schools to interact with pupils at any time during the project duration. The Researchers at Schools activities will allow researchers and pupils to interact on societal challenges and on the key role of research to address them. Pupils will thus also learn directly about research projects and initiatives related to EU main priorities.

#### *Types of activities*

Activities can combine education with entertainment, especially when addressing young audiences. They can take various forms, such as exhibitions, hands-on experiments, science shows, simulations, debates, games, competitions, quizzes, etc. Where appropriate, engagement with educational institutions should be sought in order to encourage formal and informal science education with the aim of improving the scientific knowledge base. This will be particularly relevant for Researchers at Schools activities, which will allow researchers to showcase their work and interact with pupils. Researchers will engage with teachers and pupils on challenges related to climate change, sustainable development, health and other issues related to the European Commission priorities and main orientations, such as the European Green Deal or the EU Research and Innovation Missions. The Researchers at Schools activities should take place throughout the year and should be subject to a dedicated promotion, particularly towards schools.

The European Researchers' Night should be highlighted as a European (and Europe-wide) event, and each proposal should promote the European Union and its impact on citizens' daily

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<sup>54</sup> Except for countries which for strong cultural reasons would be prevented from organising any action addressing the public at large on such a date.

life in the most appropriate way, according to the set-up and the configuration of the event, its location and its activities.

Involvement of researchers funded by Horizon Europe or previous Framework Programmes, notably by the Marie Skłodowska-Curie Actions, is highly encouraged.

The European Researchers' Night promotes gender balance, diversity and inclusiveness in science in terms of planned activities and researchers involved.

The European Commission has defined priorities, notably through the Horizon Europe Missions, which aim to tackle challenges faced by our societies.

For the 2022 call, applicants are encouraged to focus on, and include activities relating to, priorities identified by the Missions in their events.

Partnerships and coordination at regional, national or cross-border levels will be strongly encouraged aiming at a good geographical spread and avoiding overlaps. Activities carried-out in non-associated third countries are not eligible for funding.

Applicants are encouraged to submit proposals covering two successive editions (2022 and 2023) of the European Researcher's Night.

High-quality applications not retained due to lack of funding may be granted the status of associated events.

Eligible costs will take the form of lump sum contributions as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

The expected EU contribution per project, mentioned in the indicative budget and specific conditions above, are for a single<sup>55</sup> annual edition of the European Researchers' Night.

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<sup>55</sup> The expected contribution for projects covering two editions of the European Researchers' Night is between EUR 0.1 and 0.3 million, but this does not preclude submission and selection of a proposal requesting different amounts.

## MSCA Support:

MSCA Support includes a set of activities organised through calls for proposals to promote, support and complement the MSCA implementation. They will cover:

- the facilitation of cooperation between MSCA National Contact Points (NCPs);
- the promotion of the MSCA at international level;
- the support to European and national initiatives and programmes in support of researchers at risk.

### Expected impact

Proposals under MSCA Support should contribute to some of the following expected impacts:

- Improve and further professionalise MSCA NCP services allowing a wider diffusion of the programme, lowering entry barriers for newcomers and increasing the overall quality of submitted proposals;
- Contribute to a more strategic international cooperation in MSCA in line with R&I mutual interests and EU external policies;
- Strengthen co-operation between European and national initiatives and programmes in support of researchers who are experiencing threats to their life, liberty, or research career, and those who are forced or have been forced to flee because of such threats.

The following call(s) in this work programme contribute to this Action:

Call	Budgets (EUR million)	Deadline(s)
	2021	
HORIZON-MSCA-2021-NCP-01	2.00	31 Aug 2021
HORIZON-MSCA-2021-INCO-01	2.00	05 Oct 2021
HORIZON-MSCA-2021-RR-01	1.50	06 Jan 2022
Overall indicative budget	5.50	

**Call - Trans-national cooperation among Marie Skłodowska-Curie National Contact Points (NCP)**

***HORIZON-MSCA-2021-NCP-01***

**Conditions for the Call**

Indicative budget(s)<sup>56</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) <sup>57</sup>	Number of projects expected to be funded
		2021		
Opening: 22 Jun 2021 Deadline(s): 31 Aug 2021				
HORIZON-MSCA-2021-NCP-01-01	CSA	2.00	1.50 to 2.00	1
Overall indicative budget		2.00		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The conditions are described in General Annex B.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	The criteria are described in General Annex D.
<i>Documents</i>	The documents are described in General

<sup>56</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
The Director-General responsible may delay the deadline(s) by up to two months.  
All deadlines are at 17.00.00 Brussels local time.  
The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<sup>57</sup> Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.



	Annex E.
<i>Procedure</i>	The procedure is described in General Annex F.
<i>Legal and financial set-up of the Grant Agreements</i>	The rules are described in General Annex G.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2021-NCP-01-01: Trans-national cooperation among Marie Skłodowska-Curie National Contact Points (NCP) 2021**

<b>Specific conditions</b>	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 1.50 and 2.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 2.00 million.
<i>Type of Action</i>	Coordination and Support Actions
<i>Eligibility conditions</i>	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>The following additional eligibility criteria apply:</p> <p>Applicants must be Horizon Europe national support structures (e.g. NCP) responsible for MSCA and officially nominated to the Commission, from a Member State or Associated Country.</p> <p>Only in case and as long as Horizon Europe structures would not yet be officially nominated, national support structures responsible for MSCA nominated for Horizon 2020 would be eligible</p> <p>Legal entities established in non-associated third countries may exceptionally participate in this Coordination and support action.</p> <p>Due to the scope of this topic, legal entities established in non-associated third countries are exceptionally eligible for Union funding.</p>
<i>Procedure</i>	<p>The procedure is described in General Annex F. The following exceptions apply:</p> <p>The granting authority can fund a maximum of one project.</p> <p>The evaluation committee will be composed partially or fully by representatives of EU institutions.</p>

### Expected Outcome:

Projects are expected to contribute to the following outcomes:

- An improved and professionalised NCP service across Europe, thereby helping simplify access to Horizon Europe calls, lowering the entry barriers for newcomers, and raising the average quality of proposals submitted;
- Harmonised and improved trans-national cooperation between NCPs;
- More consistent level of NCP support services across Europe and beyond, notably in widening countries;
- Increased participation of third-country NCPs in the activities of the action.

Scope: The objective is to facilitate the trans-national co-operation between National Contact Points (NCPs) for the MSCA, including those established in Third Countries, with a view to identifying and sharing good practices and raising the general standard of support to applicants, taking into account the diversity of actors and experiences.

Support will be given to a consortium of formally nominated MSCA NCPs. The activities will be tailor-made to the needs and priorities of the NCPs concerned and may include benchmarking, joint workshops, enhanced cross-border brokerage events, training sessions linked to the MSCA and wider R&I priorities and tools, twinning and mentoring schemes. Special attention will be given to enhancing the competence of MSCA NCPs, including helping newcomers and less experienced NCPs to rapidly acquire the know-how accumulated by their peers. Cooperation with other EU networks such as Euraxess Worldwide, Enterprise Europe Network, COST, will be encouraged to increase the visibility to potential beneficiaries, especially in the non-academic sector.

#### *Addressing the R&I gap*

There still is a research and innovation gap across Europe and discrepancies remain between European countries in their capacity to attract funding and researchers. This gap is observed in the MSCA as well. Particular emphasis on continuing the efforts to close this gap will mark the first years of the MSCA under Horizon Europe. Therefore, specific measures to support the NCPs in “widening countries,” such as training and mentorship schemes, should be organised to stimulate more high-quality applications with beneficiaries in these countries and increase their success rate in MSCA.

#### *Attract researchers from third countries*

The MSCA are the main EU instrument to attract researchers from Third Countries to Europe. Specific measures to encourage Third-Country NCPs to create contacts and participate in the activities of the project (e.g. training, twinning, mentoring, and other capacity building and networking activities) should be foreseen.

The focus throughout should be on issues specific to the MSCA and should not duplicate actions foreseen in the NCP network under “Widening participation and strengthening the European Research Area”.

The consortium should have a good representation of experienced and less experienced NCPs and include NCPs from widening countries.

Submission of a single proposal is encouraged. NCPs choosing not to participate as a member of the consortium are nevertheless invited and encouraged to participate in the project activities (e.g. workshops).

The expected duration of the action will be 36 months.

### Call - MSCA International Cooperation 2021

***HORIZON-MSCA-2021-INCO-01***

### Conditions for the Call

#### Indicative budget(s)<sup>58</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) <sup>59</sup>	Number of projects expected to be funded
		2021		
Opening: 22 Jun 2021 Deadline(s): 05 Oct 2021				
HORIZON-MSCA-2021-INCO-01-01	CSA	2.00	1.50 to 2.00	1
Overall indicative budget		2.00		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.

<sup>58</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
The Director-General responsible may delay the deadline(s) by up to two months.  
All deadlines are at 17.00.00 Brussels local time.  
The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<sup>59</sup> Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.

<i>Eligibility conditions</i>	The conditions are described in General Annex B.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	The criteria are described in General Annex D.
<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The procedure is described in General Annex F.
<i>Legal and financial set-up of the Grant Agreements</i>	The rules are described in General Annex G.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2021-INCO-01-01: MSCA International Cooperation 2021**

<b>Specific conditions</b>	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 1.50 and 2.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 2.00 million.
<i>Type of Action</i>	Coordination and Support Actions
<i>Procedure</i>	The procedure is described in General Annex F. The following exceptions apply:  The granting authority can fund a maximum of one project.  The evaluation committee will be composed partially or fully by representatives of EU institutions.

Expected Outcome:

Project results are expected to contribute to the following outcomes:

- Broader and more strategic promotion of international cooperation opportunities offered through MSCA;
- Monitoring progress, opportunities and challenges in MSCA bilateral and bi-regional cooperation with main international partner countries and regions;

- Strengthening complementarities with other relevant promotion and cooperation initiatives funded through Horizon Europe or other EU programmes.

Scope: The objective is to foster international cooperation in MSCA in Horizon Europe, through a dedicated support action to complement and ensure coordination between existing promotion channels at local level, and ensure consistency with formal R&I policy dialogues at bilateral and regional levels. Focus should be given:

- At bilateral level on countries having concluded bilateral Science and Technology Agreements with the EU (Algeria, Argentina, Australia, Brazil, Canada, Chile, China, Egypt, India, Japan, Jordan, Korea, Mexico, Morocco, New Zealand, Russia, South Africa, Tunisia, Ukraine and the United States).
- At regional level, on bi-regional research and innovation policy dialogues, established notably with the African Union, ASEAN, LAC, Mediterranean partner countries, Eastern Partnership countries and Western Balkans.

Based on the outcomes of a study<sup>60</sup> on the MSCA international dimension in Horizon 2020, activities to be implemented should include:

- Policy support to bilateral/bi-regional cooperation: assessing main cooperation trends, opportunities and challenges related to local developments in the R&I/higher education domain; identifying possible gaps versus joint priorities and participation of prominent local stakeholders; reviewing existing cooperation mechanisms (info relays, training, co-funding schemes) relevance and efficiency for MSCA; identifying main existing or planned cooperation initiatives to build upon, as well as major local players, networks and associations to be prioritized; qualitative monitoring of the participation in the different MSCA calls; preparing background reports ahead of joint committee meetings and regional dialogues; providing contributions to newsletters and periodic reports from existing information relays, e.g. Euraxess Worldwide, EU Delegations.
- Promotion of MSCA cooperation opportunities: identifying main local/bilateral or bi-regional events to target for MSCA promotion and opportunities for ad-hoc events co-located with bilateral/regional policy dialogues; liaising with local MSCA info relays, including local NCPs, Euraxess Worldwide offices, EU Delegations/S&T Counsellors, National Erasmus+ Offices, Enterprise Europe Network and other stakeholders/association representatives to identify coordinated promotion plans; organising MSCA promotion and training sessions (including through the physical participation of EU trainers when relevant); liaising with the EU NCP coordination platform to coordinate promotion activities with MSCA NCPs
- Cross cutting activities: analysing consistency with EU R&I bilateral and bi-regional, cooperation roadmaps and action plans, people-to-people dialogues, synergies with

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<sup>60</sup> <https://op.europa.eu/en/publication-detail/-/publication/b15de047-216e-11ea-95ab-01aa75ed71a1/language-en/format-PDF/source-112180987>

promotion events and activities related to Horizon Europe, including ERC or COST and other EU programmes (in particular Erasmus+).

The expected duration of the action is 36 months.

## Call - MSCA for Researchers at Risk 2021

***HORIZON-MSCA-2021-RR-01***

### Conditions for the Call

#### Indicative budget(s)<sup>61</sup>

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) <sup>62</sup>	Number of projects expected to be funded
		2021		
Opening: 02 Sep 2021 Deadline(s): 06 Jan 2022				
HORIZON-MSCA-2021-RR-01-01	CSA	1.50	1.00 to 1.50	1
Overall indicative budget		1.50		

<b>General conditions relating to this call</b>	
<i>Admissibility conditions</i>	The conditions are described in General Annex A.
<i>Eligibility conditions</i>	The conditions are described in General Annex B.
<i>Financial and operational capacity and exclusion</i>	The criteria are described in General Annex C.
<i>Award criteria</i>	The criteria are described in General Annex D.

<sup>61</sup> The Director-General responsible for the call may decide to open the call up to one month prior to or after the envisaged date(s) of opening.  
The Director-General responsible may delay the deadline(s) by up to two months.  
All deadlines are at 17.00.00 Brussels local time.  
The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

<sup>62</sup> Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.

<i>Documents</i>	The documents are described in General Annex E.
<i>Procedure</i>	The procedure is described in General Annex F.
<i>Legal and financial set-up of the Grant Agreements</i>	The rules are described in General Annex G.

Proposals are invited against the following topic(s):

**HORIZON-MSCA-2021-RR-01-01: MSCA Researchers at Risk 2021**

<b>Specific conditions</b>	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 1.00 and 1.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 1.50 million.
<i>Type of Action</i>	Coordination and Support Actions
<i>Procedure</i>	The procedure is described in General Annex F. The following exceptions apply: The granting authority can fund a maximum of one project. The evaluation committee will be composed partially or fully by representatives of EU institutions.

Expected Outcome:

Project results are expected to contribute to the following outcomes:

- A more consistent and sustained level of coordination and preparedness for supporting researchers at risk at European, national and institutional level;
- Improved support to researchers at risk through the provision of policy recommendations, as well as advice and assistance on their implementation;
- A more sustainable and professionalised support network/structure/system for researchers at risk across Europe, facilitating access to funding and networking opportunities, creating level playing field for applicants to European and national R&I programmes, and raising the quality of submitted proposals;
- More synergies between initiatives supporting researchers at risk funded by EU programmes (such as Horizon Europe and Erasmus+) and national or institutional actors;

- Increased exposure of researchers at risk to the industry and to the non-academic sector;
- Greater awareness in Europe and beyond on why researchers are at risk and ways to support them.

Scope: To build on the results of the Researchers at Risk initiative “InSPIREurope” launched under the MSCA in 2019, further support is envisaged towards national and international organisations working with researchers at risk and aiming to enhance and professionalise their activities. The support action should take into consideration existing work and new challenges for researchers at risk, such as the consequences of the COVID-19 pandemic. It should further facilitate and strengthen cooperation and linkages between European, national and institutional initiatives and programmes, increasing awareness on why researchers are at risk, as well as identifying and delivering the best possible solutions.

The support action should be aligned with the general objectives of the MSCA, in particular scientific excellence, skills and career development, inter-sectoral mobility, equal opportunities and inclusiveness, attractive working conditions, work/life balance, while fostering open science, innovation and entrepreneurship. It should not duplicate other actions foreseen under Horizon Europe or other EU-funded programmes such as Erasmus+, but rather build synergies between these programmes. The activities carried out under this support action should complement actions in Member States and third countries associated to Horizon Europe.

The expected duration of the action is 36 months.



## **Other Actions not subject to calls for proposals**

### **Grants not subject to calls for proposals**

#### **1. Presidency event: MSCA Conference under Slovenian Presidency**

Expected Outcome:

The project results are expected to contribute to the following expected outcomes

- More focused policy orientations to foster brain circulation in the EU;
- Preparation of new tools and instruments for better, stable, less precarious and more long-term working perspectives for younger MSCA fellows in line with their career development plans.

Scope:

The Conference will focus on MSCA fellows' mobility patterns, especially on researchers' outgoing mobility processes from national perspectives and their reintegration after they have concluded their research training.

The evaluation committee will be composed fully by representatives of EU institutions.

The general conditions, including admissibility conditions, eligibility conditions, award criteria, evaluation and award procedure, legal and financial set-up for grants, financial and operational capacity and exclusion, and procedure are provided in parts A to G of the General Annexes.

Legal entities:

Ministry of Education, Science and Sport, Masarykova cesta 16, 1000 Ljubljana, Slovenia

Form of Funding: Grants not subject to calls for proposals

Type of Action: Grant to identified beneficiary according to Financial Regulation Article 195(e) - Coordination and support action

Indicative timetable: Fourth Quarter 2021

Indicative budget: EUR 0.15 million from the 2021 budget

#### **2. Presidency event: MSCA Conference under French Presidency**

Expected Outcome:

The project results are expected to contribute to the following expected outcomes:

- reinforcing the MSCA instrumental role in bridging the European Research Area and the European Education Area
- contributing to policy orientations in different areas covered in MSCA, such as: doctoral training, attractiveness of scientific careers, international and inter-sectoral mobility of researchers

Scope:

The MSCA Presidency Conference 2022 will target the three following priorities of the French Presidency, carried by the French Ministry for Higher Education, Research and Innovation :

1. Synergies between the four components of the “knowledge square” : education, research, innovation and citizen engagement;
2. The advancement of the European universities project;
3. International cooperation through researchers’ mobility worldwide

The evaluation committee will be composed fully by representatives of EU institutions.

The general conditions, including admissibility conditions, eligibility conditions, award criteria, evaluation and award procedure, legal and financial set-up for grants, financial and operational capacity and exclusion, and procedure are provided in parts A to G of the General Annexes.

Legal entities:

Université Paris Sciences & Lettres (PSL), 60 Rue Mazarine, 75006 Paris, France

Form of Funding: Grants not subject to calls for proposals

Type of Action: Grant to identified beneficiary according to Financial Regulation Article 195(e) - Coordination and support action

Indicative timetable: Second quarter 2022

Indicative budget: EUR 0.15 million from the 2022 budget

### **3. MSCA Special Needs Allowance to Horizon 2020 legacy projects**

The MSCA pay particular attention to accessibility and inclusiveness and foresee financial support for the additional costs entailed by recruited or seconded researchers/staff members with disabilities whose long-term physical, mental, intellectual or sensory impairments<sup>63</sup> are as such that their participation in MSCA would not be possible without extra financial support.

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<sup>63</sup> See Article 1 of the UN Convention on the Rights of Persons with Disabilities.

Beneficiaries of Horizon 2020 ITN, IF, RISE and COFUND grants can continue to apply for a dedicated special needs grant. This grant, which takes the form of a Coordination and Support Action (CSA), will cover the additional costs that researchers/staff members with disabilities face due to the increased costs of their mobility. It can also be used to ensure necessary assistance by third persons or for adapting their work environment<sup>64</sup>. It cannot cover costs which are already covered by another source, such as social security or health insurance.

A request for such an allowance can only be made by the Horizon 2020 MSCA beneficiaries<sup>65</sup>. The request must include an estimated budget and explain the specific participation need(s) of the researcher/staff member concerned. The granting authority will evaluate the request and decide on the basis of the needs of the researcher/staff member and budget availability.

The page limit of the application is 3 pages (excluding annexes).

In view of the particular nature of this CSA, applications must not include a plan for the exploitation and dissemination of the results, including communication activities.

The Horizon 2020 special needs allowance will take the form of a lump sum awarded in the form of a low value grant to an identified beneficiary and will cover up to 100% of eligible costs. It will be limited to a maximum of EUR 60 000 per researcher/staff member.

Only researchers/staff members with disabilities who are eligible researchers/staff members under a Horizon 2020 MSCA grant are eligible for the special needs grant.

Given the specific nature of this action, the proposals will be evaluated and ranked against the following award criteria:

<b>MSCA Special Needs Allowance</b>		
<b>Excellence</b>	<b>Impact</b>	<b>Quality and efficiency of the implementation</b>
Appropriateness and relevance of the proposed measures [ <i>or special needs items or services</i> ] that are necessary for the researcher/staff member to carry out the work in the linked MSCA action	Effectiveness of the proposed measures with respect to the work in the linked MSCA action	Appropriateness of the resources deployed

As from 2022, the support will be granted based on the request submitted by the coordinator of the MSCA grant to the granting authority. The request can be submitted at any moment during the implementation of the MSCA grant, when the need arises. The request should

<sup>64</sup> See Article 5 of the Council Directive 2000/78/EC of 27 November 2000 establishing a general framework for equal treatment in employment and occupation.

<sup>65</sup> Horizon Europe MSCA beneficiaries can claim the special needs allowance through the main MSCA grant (see applicable unit contributions at the end of this Work Programme part).

contain a description of the special needs, the type of support and the budget requested. The request will be evaluated by the granting authority and, if needed, an assistance by external experts may be requested.

Once agreed, the MSCA grant agreement will be formally amended and the requested amount for the special needs will be covered by the increase of the budget in the Management cost category. This extra amount will be paid together with the payment of the balance. Like in 2021, the support will be limited to a maximum of EUR 60 000 per researcher/staff member.

Form of Funding: Grants not subject to calls for proposals

Type of Action: Grant to identified beneficiary according to Financial Regulation Article 195(e) - Coordination and support action

Indicative timetable: Throughout 2021 and 2022

Indicative budget: EUR 1.00 million from the 2021 budget

#### **4. Support to the Marie Curie Alumni Association**

Expected Outcome: This coordination and support action is expected to contribute to the following outcomes:

- A well-functioning MCAA, providing useful services to its members;
- Relevant policy feedback to the European Commission;
- An expanded network of MSCA alumni;
- Improved networking and cooperation among MSCA alumni;
- Improved visibility, sustainability, reach, relevance and impact of the MSCA.

Expected Impact:

- Increase the impact of the Marie Skłodowska-Curie actions through greater networking and cooperation between MSCA fellows (current and past);
- Promote the outreach and visibility of the MSCA at European and Global level;
- Promote Europe as an excellent research destination;
- Enhance the policy feedback to the European Commission on the MSCA and EU policies more broadly.

Scope:

This grant will be awarded without a call for proposals according to Article 195(e) of the Financial Regulation and Article 20 of the Horizon Europe Framework Programme and Rules for Participation. The use of a grant to identified beneficiary is justified by the particular role

and purpose of the MCAA, its unique nature and the fact that the association gathers around 20.000 MSCA alumni.

This action should support the MCAA in achieving the following objectives:

- Supporting the functioning of the MCAA, foster its expansion and growth on the European and international stage;
- Facilitating professional networking and career development of former and current MSCA fellows;
- Encouraging networking and cooperation among members from different countries, sectors of the economy and across scientific disciplines;
- Enabling alumni to act as MSCA ambassadors and promoters within the global research and innovation community, but also for the European Commission and EU Delegations throughout the world;
- Provide feedback to the European Commission on the MSCA to constantly improve its success, relevance and impact; and provide feedback on relevant EU policies.

The beneficiary may provide financial support to third parties (individual members of the MCAA as well as Working Groups and Chapters). The support to third parties can be provided in the form grants, prizes or similar forms of support. The maximum amount to be granted to each third party is EUR 10 000. The conditions for financial support to third parties defined in General Annex B do not apply.

Eligible activities include *inter alia*:

- Organisation of physical and virtual MCAA governance body meetings according to the need of the MCAA;
- Organisation of General Assembly meetings of the MCAA and annual MCAA Conference;
- Support for Alumni, Chapters and Working groups;
- Maintenance and continuous development of the MCAA's IT infrastructure and website, including the membership database;
- Data collection and provision of structured feedback on the MSCA, including online surveys, in agreement with the Commission, to obtain feedback on EU policy topics, on the MSCA, on the development of the network or any other topic of interest to both parties.

The following deliverables will have to be submitted:

- Yearly work plans on the functioning and growth of the MCAA submitted at month 6 and updated at month 18;

- A long-term plan for the evolution of the MCAA submitted at month 6, and updated at month 18;
- A communication plan to be submitted 6 months after the beginning of the grant;
- A progress report at month 6 and month 18.

The expected duration of the action is 24 months.

The evaluation committee will be composed fully by representatives of EU institutions. The evaluation committee can be assisted by external experts if required.

The general conditions, including admissibility conditions, eligibility conditions, award criteria, evaluation and award procedure, legal and financial set-up for grants, financial and operational capacity and exclusion, and procedure are provided in parts A to G of the General Annexes.

Indicative timetable: Fourth quarter 2021

Legal entities:

Marie Curie Alumni Association (MCAA), Kunstlaan 24, 1000 Brussels, Belgium

Form of Funding: Grants not subject to calls for proposals

Type of Action: Grant to identified beneficiary according to Financial Regulation Article 195(e) - Coordination and support action

Indicative budget: EUR 2.50 million from the 2021 budget

## **5. MSCA4Ukraine Fellowships**

As part of the EU's response to the war in Ukraine and the need for rapid action, this grant will be awarded without a call for proposals in accordance with Article 195(b)<sup>66</sup> of the Financial Regulation. The use of a grant awarded without a call for proposals is justified by the exceptional emergency faced by displaced researchers from Ukraine and the specific expertise of the beneficiaries, which are key players with extensive experience in supporting researchers at risk. The grant will ensure support to displaced researchers (both doctoral candidates and postdoctoral researchers) from Ukraine through dedicated fellowships, putting into practice the EU's core principles of academic freedom and freedom of scientific research.

Expected outcomes:

Through the provision of fellowships to displaced researchers from Ukraine, the grant is expected to contribute to the following expected outcomes:

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<sup>66</sup> Article 195(b) of the Financial Regulation 2018/1046 "Grants may be awarded without a call for proposals only in the following cases: [...] (b) in other exceptional and duly substantiated emergencies".

- Protection of displaced researchers from Ukraine to continue their research in academic or non-academic organisations<sup>67</sup> in EU Member States or Horizon Europe Associated Countries through dedicated fellowships and facilitate their reintegration to Ukraine when safe conditions for return are met.
- Strengthened integration between the EU and Ukrainian research and innovation communities.

At the level of individual researchers to be supported, the following outcomes are expected:

- New research and transferable skills and competences, leading to improved employability and career prospects within and outside academia.
- New knowledge allowing the conversion of ideas into products and services, where relevant.
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

#### Expected impact

- Allow the EU to respond to the emergency faced by displaced researchers from Ukraine in line with its core values, and academic freedom in particular.
- Sustain Ukrainian research and innovation capacities by allowing displaced researchers from Ukraine to continue their research activities.
- Reinforcement of the EU research and innovation cooperation with Ukraine.

#### Scope

The objective of the grant is to provide rapid support in the form of fellowships to displaced researchers from Ukraine to resume their research activities at host organisations established in EU Member States or Horizon Europe Associated Countries

Requests for support from displaced researchers from Ukraine are expected to increase in the coming months. With the view to responding to this inflow of requests, the grant will be awarded to legal entities that are beneficiaries in grants awarded under the calls H2020-MSCA-RR-2018 or HORIZON-MSCA-2021-RR-01.

A consortium of 10 organisations<sup>68</sup> is currently funded through a Coordination and Support Action under the Marie Skłodowska-Curie Actions in Horizon2020<sup>69</sup>, with the aim to

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<sup>67</sup> See definitions at the end of this Work Programme

<sup>68</sup> Scholars at Risk Europe, hosted at Maynooth University, Ireland (Project Coordinator); Alexander von Humboldt-Stiftung, Germany; European University Association; Jagiellonian University, Poland; University of Oslo, Norway; University of Gothenburg, Sweden; French national PAUSE programme, hosted by the Collège de France; Stichting voor Vluchteling-Studenten UAF, Netherlands; Aristotle University of Thessaloniki, Greece; Scholz CTC GmbH, Germany.

facilitate transnational cooperation across Europe in support of researchers at risk. The partner organisations involved are all key institutions gathering collectively a unique experience in assisting researchers at risk. This includes providing direct financial support to researchers, giving them access to a large network of host organisations in Europe and direct insights into the administrative and legal procedures linked to this type of situation.

Support to individual researchers should be open to all domains of research and innovation and aligned with the general objectives and principles of the MSCA, including scientific excellence, skills and career development, inter-sectoral mobility, equal opportunities and inclusiveness, attractive working conditions, work/life balance, while fostering open science, innovation and entrepreneurship.

Support will include training activities that should respond to well identified needs in various research and innovation areas, with appropriate references to inter- and multidisciplinary fields. They should be primarily focused on developing new scientific knowledge through original research on personalised projects. Complementary training should also be provided to develop key transferable skills and competences common to all fields, foster innovation and entrepreneurship, and promote and (where appropriate) reward Open Science practices (open access to publications and to research data, FAIR data management, public engagement and citizen science, etc.).

Short-term secondments of researchers to other organisations than those recruiting them, including in third countries non-associated to Horizon Europe, are encouraged when relevant, feasible and beneficial for the researchers and in line with the research objectives. Inter-sectoral secondments are encouraged in particular to increase the employability of the researchers outside academia.

Particular attention will be paid to the quality of supervision and mentoring arrangements as well as career guidance.

Supported researchers can be either doctoral candidates (i.e. enrolled in a doctoral programme leading to the award of a doctoral degree) or postdoctoral researchers (i.e. in possession of a doctoral degree). They must be either Ukrainian nationals, stateless persons, or nationals from third countries other than Ukraine, residing in Ukraine, who have been displaced on or after 24 February 2022, or who are ready to be displaced.

The beneficiaries will provide financial support to third parties in the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for the Marie Skłodowska-Curie Actions under the Horizon Europe programme. The same unit contributions as in MSCA Doctoral Networks and MSCA Postdoctoral Fellowships, under the same conditions, will be applied for doctoral candidates and postdoctoral researchers respectively. Eligible third parties that will recruit researchers include any academic or non-academic organisations established in an EU



Member State or Horizon Europe Associated Country. Other organisations, including those established in non-associated third countries can host researchers for short-term secondments.

The invitation and the conditions for third parties to apply for funding will be published on the Funding & Tenders Portal and on the beneficiaries' websites. The beneficiaries will ensure the calls and their evaluation adhere to Horizon Europe standards with respect to transparency, equal treatment, conflict of interest and confidentiality.

The duration of each individual fellowship is to be determined by the beneficiaries in agreement with the recruiting organisations, with a maximum duration of 2 years. The maximum amount to be granted to each third party is EUR 2.00 million (covering the recruitment of several researchers). This amount is justified by the need to act rapidly in the context of the emergency caused by the war in Ukraine and the uncertainty related to its resolution.

Secondments to other organisations are eligible for up to one third of the fellowship duration. The fellowship should allow supporting a reintegration phase in Ukraine for researchers wishing to return if safe conditions for such a return are met.

The general conditions, including admissibility conditions, eligibility conditions, award criteria, evaluation and award procedure, legal and financial set-up for grants, financial and operational capacity and exclusion, and procedure are provided in parts A to G of the General Annexes. The evaluation committee will be composed partially or fully by representatives of EU institutions.

#### Legal entities:

Beneficiaries of grants awarded under the calls H2020-MSCA-RR-2018 or HORIZON-MSCA-2021-RR-01

Form of Funding: Grants not subject to calls for proposals

Type of Action: Grant awarded without call for proposals according to Financial Regulation Article 195 (b)

Indicative timetable: second quarter 2022

Indicative budget: EUR 25.00 million from the 2022 budget

## **Procurements**

### **1. Public Procurement for Studies**

A study will be conducted in 2021 to provide an in-depth analysis of researchers' mobility flows and the reasons behind their choice for a host country/region. The study will in particular look at measures that are needed and circumstances that are necessary to encourage researchers to return to their country of origin.

Form of Funding: Procurement

Type of Action: Public procurement

Indicative timetable: Third quarter of 2021

Indicative budget: EUR 0.20 million from the 2021 budget

## **2. Public Procurement for Events and Outreach**

During 2021 and 2022, the Commission will organise several events (conferences and workshops) dedicated to the Marie Skłodowska-Curie Actions and to contribute to leading research conferences. Moreover, a dedicated campaign will be organised to ensure the visibility of the Marie Skłodowska-Curie Actions and funded projects to the general public.

Form of Funding: Procurement

Type of Action: Public procurement

Indicative timetable: Second, third and fourth quarters of 2021 and throughout 2022

Indicative budget: EUR 0.50 million from the 2021 budget and EUR 0.50 million from the 2022 budget

## **Other budget implementation instruments**

### **1. External Expertise**

This action will support the use of appointed independent experts for the monitoring of ongoing actions (grant agreements, grant decisions, public procurement actions, financial instruments) funded under Horizon Europe and previous Framework Programmes for Research and Innovation and where appropriate include ethics checks.

Form of Funding: Other budget implementation instruments

Type of Action: Expert contract action

Indicative budget: EUR 0.80 million from the 2021 budget and EUR 0.80 million from the 2022 budget

## Budget<sup>70</sup>

	Budget line(s)	2021 Budget (EUR million)	2022 Budget (EUR million)
<b>Calls</b>			
HORIZON-MSCA-2021-DN-01		402.95	
	<i>from 01.020102</i>	402.95	
HORIZON-MSCA-2022-DN-01			428.28
	<i>from 01.020102</i>		428.28
HORIZON-MSCA-2021-PF-01		242.00	
	<i>from 01.020102</i>	242.00	
HORIZON-MSCA-2022-PF-01			257.00
	<i>from 01.020102</i>		257.00
HORIZON-MSCA-2021-SE-01		72.50	
	<i>from 01.020102</i>	72.50	
HORIZON-MSCA-2022-SE-01			77.50
	<i>from 01.020102</i>		77.50
HORIZON-MSCA-2021-COFUND-01		89.00	
	<i>from 01.020102</i>	89.00	
HORIZON-MSCA-2022-COFUND-01			95.00
	<i>from</i>		95.00

<sup>70</sup>

The budget figures given in this table are rounded to two decimal places. The budget amounts are subject to the availability of the appropriations provided for in the general budget of the Union for years 2021 and 2022.

	<i>01.020102</i>		
HORIZON-MSCA-2022-CITIZENS-01			15.50
	<i>from 01.020102</i>		<i>15.50</i>
HORIZON-MSCA-2021-NCP-01		2.00	
	<i>from 01.020102</i>	<i>2.00</i>	
HORIZON-MSCA-2021-INCO-01		2.00	
	<i>from 01.020102</i>	<i>2.00</i>	
HORIZON-MSCA-2021-RR-01		1.50	
	<i>from 01.020102</i>	<i>1.50</i>	
<b>Other actions</b>			
Grant to identified beneficiary according to Financial Regulation Article 195(e)		3.65	0.15
	<i>from 01.020102</i>	<i>3.65</i>	<i>0.15</i>
Grant awarded without a call for proposals according to Financial Regulation Article 195			25.00
	<i>from 01.020102</i>		<i>25.00</i>
Public procurement		0.70	0.50
	<i>from 01.020102</i>	<i>0.70</i>	<i>0.50</i>
Expert contract action		0.80	0.80
	<i>from 01.020102</i>	<i>0.80</i>	<i>0.80</i>
<b>Estimated total budget</b>		817.10	899.73

## Specific conditions for the Marie Skłodowska-Curie Actions

### DEFINITIONS

The following definitions apply:

**'Academic sector'** means public or private higher education establishments awarding academic degrees, public or private non-profit research organisations<sup>71</sup> and International European Research Organisations (IERO)<sup>72</sup>.

**'Non-academic sector'** means any socio-economic actor not included in the academic sector and fulfilling the requirements of the Horizon Europe Rules for Participation.

**'Associated partners'** are entities which participate in the action, but without the right to charge costs or claim contributions. They contribute to the implementation of the action, but do not sign the grant agreement. Associated partners may not employ the researchers under the action<sup>73</sup>.

**'Associated partners linked to a beneficiary'** are organisations with an established capital or legal link with the beneficiary, which is not limited to the action nor specifically created for its implementation. These entities implement action tasks described in Annex 1 of the grant agreement, i.e. hosting and training of researchers in Doctoral Networks and Postdoctoral Fellowships and hosting and seconding staff in Staff Exchanges. The associated partners linked to a beneficiary do not have the right to claim unit contributions and may not employ the researcher under the action. In addition, they must fulfil the eligibility conditions<sup>74</sup> for participation and funding applicable to the beneficiary they are linked to. The type of link and involvement of such entities must be clearly described in the proposal and will be assessed as part of the evaluation.

**'Beneficiaries'** are the legal entities that sign the grant agreement (either directly or through an accession form) 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. Depending on the type of MSCA action, this involves recruiting, supervising, hosting, training or seconding researchers/research staff or managing and/or funding programmes.

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<sup>71</sup> If requested by the granting authority, institutions with self-declared research organisations status must provide evidence that their main objective is to carry out research and/or technological development. An assessment will be made on the basis of indicators such as share of research budget, volume of scientific publications and/or registered patents.

<sup>72</sup> 'International European Research Organisation' (IERO) means an international organisation, the majority of whose members are EU Member States or Horizon Europe Associated Countries, and whose principal objective is to promote scientific and technological cooperation in Europe (see Article 2(14) of the Regulation establishing Horizon Europe - the Framework Programme for Research and Innovation, laying down its rules for participation and dissemination.

<sup>73</sup> For Global Postdoctoral Fellowships outgoing phase, this restriction does not apply. The associated partner hosting the outgoing phase can conclude an additional employment contract with the researcher to ensure adequate medical/social insurance in the outgoing country.

<sup>74</sup> See specific conditions at the end of this Work Programme part.

**‘Implementing partners’** means third parties receiving financial support from the beneficiary and implementing the MSCA COFUND Doctoral or Postdoctoral programmes. Implementing partners can employ the researchers.

Implementing partners that are identified in the proposal must include a letter of commitment in the proposal to ensure their active participation in the action. The involvement of any implementing partner for which no such evidence of commitment is submitted will not be taken into account during evaluation.

**‘Interdisciplinarity’** means the integration of information, data, techniques, tools, perspectives, concepts or theories from two or more scientific disciplines. The term discipline refers to the first level of MSCA keywords<sup>75</sup>.

## 1. MSCA DOCTORAL NETWORKS

### 1.1. Applicable unit contributions

The EU contribution for MSCA Doctoral Networks will take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

The following budget categories apply:

MSCA Doctoral Networks	Contributions for recruited researchers					Institutional unit contributions	
	per person-month					per person-month	
	Living allowance	Mobility allowance	Family allowance (if applicable)	Long-term leave allowance (if applicable)	Special needs allowance (if applicable)	Research, training and networking contribution	Management and indirect contribution
	EUR 3 400	EUR 600	EUR 660	EUR 4 000 x % covered by the beneficiary	requested unit <sup>76</sup> x (1/number of months)	EUR 1 600	EUR 1 200

A country correction coefficient applies to the living allowance in order to ensure equal treatment and purchasing power parity for all researchers. This coefficient is the one applicable to the country of the recruiting beneficiary (see Table 1 at the end of this Work Programme part). The living allowance is a gross amount, including compulsory deductions under national law, such as employer and employee social security contributions and direct taxes. The beneficiary must recruit each eligible doctoral candidate under an employment

<sup>75</sup> <https://rea.ec.europa.eu/system/files/2021-10/MSCA%20Keywords.pdf>

<sup>76</sup> The pre-defined categories are as follows: 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.

contract or equivalent direct contract with full social security coverage (including sickness, parental, unemployment and invalidity benefits, pension rights, benefits in respect of accidents at work and occupational diseases). An exemption from this rule can be accepted only in cases where national legislation or the equivalent internal regulations of International European Research Organisations (IERO), entities created under Union law, or an international organisation, prohibit this possibility and subject to the prior agreement of the granting authority.

When an employment contract cannot be provided, the beneficiary may exceptionally recruit the doctoral candidate under a 'fixed-amount fellowship'. In this case, the living allowance will be halved and the beneficiary must ensure that the doctoral candidate enjoys minimum social security coverage (including sickness, parental and invalidity benefits, and benefits for accidents at work and occupational diseases).

The beneficiary must pay to the doctoral candidates at least the amount of the **living allowance** (minus all compulsory deductions under national legislation). A top-up may be paid to the researchers in order to complement this contribution. In addition to the living allowance, all doctoral candidates must receive a **mobility allowance**. This allowance covers their additional, private mobility-related costs (e.g. travel and accommodation costs), not their professional costs under the action, which are covered by the research, training and networking contribution.

If the recruited doctoral candidate has or acquires family obligations during the action duration, i.e. persons linked to him/her by (i) marriage, or (ii) a relationship with equivalent status to a marriage recognised by the legislation of the country or region where this relationship was formalised; or (iii) dependent children who are actually being maintained by the researcher, the **family allowance** must be paid to him/her as well.

The **long-term leave allowance** contributes to the personnel costs incurred by the beneficiaries in case of the researchers' leave, including maternity, paternity, parental, sick or special leave, longer than 30 consecutive days. The **special needs allowance** contributes to the additional costs for the acquisition of special needs items and services for researchers with disabilities, whose long-term physical, mental, intellectual or sensory impairments<sup>77</sup> are certified by a competent national authority, and of such nature that their participation in the action may not be possible without them (e.g. assistance by third persons, adaptation of work environment, additional travel/transportation costs). These special needs items or services must not have been funded from another source (e.g. social security or health insurance). Both long-term leave and special needs allowances should be requested when the need arises. The **research, training and networking contribution** should cover, for example, costs for training and networking activities that contribute directly to the researchers' career development (e.g. participation in conferences, trips related to work on the action, training, language courses, seminars, lab material, books, library records, publication costs), research expenses, visa-related fees and travel expenses, additional costs arising from each secondment

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<sup>77</sup> See Article 1 of the UN Convention on the Rights of Persons with Disabilities.

of six months or less, which require mobility from the place of residence (e.g. travel and accommodation costs).

The **management and indirect contribution** should cover the beneficiary's additional costs in connection with the action (e.g. personnel costs for project management/coordination, indirect costs).

The above rates apply to doctoral candidates devoting themselves to their project on a full-time basis. Researchers may, in agreement with the supervisor and beneficiary and with prior approval by the granting authority, implement their project on a part-time basis. Such a request is limited to personal or family reasons. In cases of part-time work, the doctoral candidates must dedicate at least 50% of their working time to the action funded by the MSCA. The recruiting beneficiary should report costs as pro rata of the applicable full-time unit contributions.

## **1.2. Admissibility**

The following exception to the General Annex A applies:

- The page limit of the application is 30 pages (excluding annexes).

## **1.3. Eligibility**

Given the specific nature of MSCA Doctoral Networks, the following exceptions and additional eligibility criteria apply. This section also contains eligibility conditions, which apply during action implementation but cannot be verified at proposal stage.

- All proposals must indicate if they are resubmitted from the previous MSCA Doctoral Networks call under Horizon Europe.
- Proposals submitted to the previous call of MSCA Doctoral Networks under Horizon Europe and having received a score of less than 80% must not be resubmitted the following year.

### ***1.3.1. Participating organisations***

- Applications must be submitted by a consortium including at least three independent legal entities, each established in a different EU Member State or Horizon Europe Associated Country and with at least one of them established in an EU Member State. Should none of them be entitled to award a doctoral degree, a university or a consortium/grouping of academic/research institutions entitled to award a doctoral degree must be added to the project as an associated partner or an associated partner linked to a beneficiary.
- Not more than 40.0% of the EU contribution may be allocated to beneficiaries in the
- same country or to a single International European Research Organisation (IERO) or international organisation.



- International organisations with headquarters in an EU Member State or Horizon Europe Associated Country will be deemed to be established in this Member State or Associated Country.
- Affiliated entities are not allowed to participate as they cannot claim costs in MSCA Doctoral Networks.
- All beneficiaries must recruit at least one doctoral candidate. They are required to host at their premises and supervise recruited researchers, or use associated partners linked to them to do so<sup>78</sup>.
- In order to reach the objectives of Joint Doctorates, at least three independent legal entities must be entitled to award doctoral degrees. At least two of the institutions conferring a joint, double or multiple doctoral degree must be established in an EU Member State and/or Horizon Europe Associated Country. An applicant from the academic sector, which has transferred the right of awarding a doctoral degree to a consortium/grouping of academic/research institutions to which it belongs to, is also eligible. Applicants must provide, at the time of the submission of the proposal, a pre-agreement to award a joint, double or multiple degree to the doctoral candidate(s). The proposal should indicate from which institutions a researcher is expected to receive the degree(s).
- Joint Doctorates must set up a joint governance structure with joint admission, selection, supervision, monitoring and assessment procedures.

### *1.3.2. Recruited researchers*

- Supported researchers must be **doctoral candidates**, i.e. not already in possession<sup>79</sup> of a doctoral degree at the date of the recruitment.
- Researchers must be enrolled in a doctoral programme leading to the award of a doctoral degree in at least one EU Member State or Horizon Europe Associated Country, and for Joint Doctorates in at least two.
- Recruited researchers can be of any nationality and must comply with the following **mobility rule**: they 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 36 months immediately before their recruitment date.

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<sup>78</sup> In exceptional cases, where a beneficiary is established in a country different from the place where the recruited researcher is hosted, the country correction coefficient of the hosting entity is taken into account during the grant agreement preparation process, in order to ensure the correct budget calculation.

<sup>79</sup> Researchers who have successfully defended their doctoral thesis but who have not yet formally been awarded the doctoral degree will not be considered eligible.

For 'International European Research Organisations' (IERO), 'international organisations', or entities created under Union law, the researchers must not have spent more than 12 months in the 36 months immediately before their recruitment in the same appointing organisation.

Compulsory national service, short stays such as holidays and time spent by the researcher as part of a procedure for obtaining refugee status under the Geneva Convention<sup>80</sup> are not taken into account.

- Secondments are eligible for up to one third of the actual months spent implementing the research training activities under the action. This limitation does not apply in the case of Industrial Doctorates and Joint Doctorates.
- In case of industrial doctorates, doctoral candidates must spend at least 50% of their fellowship duration in the non-academic sector.

### ***1.3.3. Duration of the action***

- The duration of the action must not exceed 48 months from the starting date set out in the grant agreement (including the time needed to recruit and select the doctoral candidates).
- The duration of each fellowship (on the basis of full-time employment) is minimum 3 and maximum 36 months.
- The overall EU contribution for MSCA Doctoral Networks actions is limited to a maximum of 360 person-months.
- For industrial or joint doctoral programmes, the EU contribution can go up to a maximum of 540 person-months to further incentivise the development of these schemes.

## **1.4. Award criteria**

- Proposals will be evaluated by experts on the basis of the **award criteria** 'excellence', 'impact' and 'quality and efficiency of the implementation'.
- Evaluation scores will be awarded for each of these criteria, and not for the different aspects listed in the table below. Each criterion will be scored out of 5. Scores will be awarded with a resolution of one decimal place and will be subject to a weighting factor as indicated in the table below.
- Proposals scoring equal to or above 70% will be considered for funding — within the limits of the available call budget. Other proposals will be rejected.

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<sup>80</sup> 1951 Refugee Convention and the 1967 Protocol.

<b>Excellence</b>	<b>Impact</b>	<b>Quality and efficiency of the implementation</b>
Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)	<p>Contribution to structuring doctoral training at the European level and to strengthening European innovation capacity, including the potential for:</p> <p>a) meaningful contribution of the non-academic sector to the doctoral training, as appropriate to the implementation mode and research field</p> <p>b) developing sustainable elements of doctoral programmes</p>	Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages
Soundness of the proposed methodology (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)	Credibility of the measures to enhance the career perspectives and employability of researchers and contribution to their skills development	Quality, capacity and role of each participant, including hosting arrangements and extent to which the consortium as a whole brings together the necessary expertise
Quality and credibility of the training programme (including transferable skills, inter/multidisciplinary, inter-sectoral and gender as well as other diversity aspects)	Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities	
Quality of the supervision (including mandatory joint supervision for industrial and joint doctorate projects)	The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	

<b>Excellence</b>	<b>Impact</b>	<b>Quality and efficiency of the implementation</b>
<b>50%</b>	<b>30%</b>	<b>20%</b>
<b>Weighting</b>		

### 1.5. Procedure

- Proposals must be submitted to only one of eight 'main evaluation panels': Chemistry (CHE), Social Sciences and Humanities (SOC), Economic Sciences (ECO), Information Science and Engineering (ENG), Environment and Geosciences (ENV), Life Sciences (LIF), Mathematics (MAT), Physics (PHY). Industrial and joint doctorates will be ranked in the scientific panel of submission. Each panel will establish a ranked list.
- The distribution of the indicative budget of the call will be proportional to the number of eligible proposals received in each panel. If the budget allocated to any panel exceeds the requirements of all proposals positively evaluated<sup>81</sup> in that panel, the excess budget will be reallocated to the other panels based on the distribution described above. Equally, if the allocated funding to a panel is insufficient to fund the highest ranked proposal in that panel, the necessary budget will be transferred from the other panels based on the distribution described above, in order to ensure that the highest ranked proposal can be funded. In order to ensure budget optimisation and an equitable success rate across panels, the excess budget remaining after the initial allocation of funding to the proposals in the panels may be transferred between panels.

#### *Ex-aequo Proposals*

- When the total scores of two or more proposals are equal (ex-aequo cases), the priority order will be established as follows:
  - The proposals will be prioritised according to the scores they have been awarded for the criterion 'Excellence'. When these scores are equal, priority will be based on scores for the criterion 'Impact'.
  - If necessary, the gender balance among the supervisors named in the proposal will be used as a factor for prioritisation.
  - If a distinction still cannot be made, the panel may decide to further prioritise by considering other factors such as gender and other diversity aspects in the research activities, participation of the non-academic sector (including involvement of SMEs), geographical diversity<sup>82</sup>, international cooperation, favourable employment and working conditions or relationship to the Horizon

<sup>81</sup> Measured as proposals having passed all relevant evaluation thresholds.

<sup>82</sup> Defined as the number of EU Member States or Associated Countries represented in the proposals, not otherwise receiving funds from projects higher up the ranking list (and if equal in number, then by budget).

Europe objectives in general. These factors will be documented in the panel report.

## 1.6. Legal and financial set-up of the Grant Agreements

The following exceptions and additional conditions apply:

- Eligible costs must take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.
- When associated partners are involved, beneficiaries are encouraged to sign a partnership agreement with them to regulate the internal relationship between all participating organisations. The partnership agreement(s) must comply with the grant agreement.
- Beneficiaries must ensure full access — on a royalty-free basis — for the recruited researchers to background and results needed for their activities under the action.
- The following deliverables will have to be submitted for grants awarded under this topic:
  - establishment of a **supervisory board** of the network;
  - **progress report** submitted within 30 days after one year from the starting date of the action;
  - **mid-term meeting** organised between the participants and the granting authority;
  - **mobility declaration** submitted within 20 days after the recruitment of each researcher and updated (if needed) via the Funding & Tenders Portal Continuous Reporting tool;
  - **career development plan**: a document describing how the individual Career Development Plans have been established (listing also the researchers for whom such plans have been put in place), submitted before the mid-term meeting;
  - **evaluation questionnaire** completed by each recruited researcher and submitted at the end of the research training activity; a **follow-up questionnaire** submitted two years later;
  - **data management plan** submitted at mid-term and an update towards the end of the project if needed;
  - **plan for the dissemination and exploitation of results, including communication activities**, submitted at mid-term and an update towards the end of the project.

## 2. MSCA POSTDOCTORAL FELLOWSHIPS

## 2.1. Applicable unit contributions

The EU contribution for MSCA Postdoctoral Fellowships will take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

The following budget categories apply:

MSCA Postdoctoral Fellowships	Contributions for the recruited researcher per person-month					Institutional unit contributions per person-month	
	Living allowance	Mobility allowance	Family allowance (if applicable)	Long- term leave allowance (if applicable)	Special needs allowance (if applicable)	Research, training and networking contribution	Management and indirect contribution
	EUR 5 080	EUR 600	EUR 660	EUR 5 680 x % covered by the beneficiary	requested unit <sup>83</sup> x (1/number of months)	EUR 1 000	EUR 650

A country correction coefficient applies to the living allowance in order to ensure equal treatment and purchasing power parity for all researchers<sup>84</sup>. For European Postdoctoral Fellowships, this coefficient is the one applicable to the country of the beneficiary. For the Global Postdoctoral Fellowships two different country correction coefficients apply:

- For the outgoing phase: the coefficient of the country where the postdoctoral researcher is hosted (i.e. the country of the associated partner hosting the outgoing phase);
- For the return phase: the coefficient of the country where the postdoctoral researcher returns to (i.e. the country of the beneficiary).

<sup>83</sup> The pre-defined categories are as follows: 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.

<sup>84</sup> In exceptional cases, where a beneficiary is established in a country different from the place where the recruited researcher is hosted, the country correction coefficient of the hosting entity is taken into account during the grant agreement preparation process, in order to ensure the correct budget calculation.

The country correction coefficients are listed in Table 1 at the end of this Work Programme part. The living allowance is a gross amount, including compulsory deductions under national law, such as employer and employee social security contributions and direct taxes.

The beneficiary must recruit the postdoctoral researcher under an employment contract or equivalent direct contract with full social security coverage (including sickness, parental, unemployment and invalidity benefits, pension rights, benefits in respect of accidents at work and occupational diseases). An exemption from this rule can be accepted only in cases where national legislation or the equivalent internal regulations of International European Research Organisations (IERO), entities created under Union law, or an international organisation, prohibit this possibility and subject to the prior agreement of the granting authority.

When an employment contract cannot be provided, the beneficiary may exceptionally recruit the postdoctoral researcher under a 'fixed-amount fellowship'. In this case, the living allowance will be halved and the beneficiary must ensure that the postdoctoral researcher enjoys minimum social security coverage (including sickness, parental and invalidity benefits, and benefits for accidents at work and occupational diseases).

The beneficiary must pay to the postdoctoral researcher at least the amount of the **living allowance** (minus all compulsory deductions under national legislation). A top-up may be paid to the researcher in order to complement this contribution. In addition to the living allowance, the postdoctoral researcher must receive a **mobility allowance**. This allowance covers his/her additional, private mobility-related costs (e.g. travel and accommodation costs), not professional costs under the action, which are covered by the research, training and networking contribution.

If the postdoctoral researcher has or acquires family obligations during the action duration, i.e. has persons linked to him/her by (i) marriage, or (ii) a relationship with equivalent status to a marriage recognised by the legislation of the country or region where this relationship was formalised; or (iii) dependent children who are actually being maintained by the researcher, the **family allowance** must be paid to him/her as well.

The **long-term leave allowance** contributes to the personnel costs incurred by the beneficiary in case of the researcher's leave, including maternity, paternity, parental, sick or special leave, longer than 30 consecutive days. The **special needs allowance** contributes to the additional costs for the acquisition of special needs items and services for researchers with disabilities, whose long-term physical, mental, intellectual or sensory impairments<sup>85</sup> are certified by a competent national authority, and of such nature that their participation in the action may not be possible without them (e.g. assistance by third persons, adaptation of work environment, additional travel/transportation costs). These special needs items or services must not have been funded from another source (e.g. social security or health insurance). Both long-term leave and special needs allowances should be requested when the need arises.

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<sup>85</sup> See Article 1 of the UN Convention on the Rights of Persons with Disabilities.

The **research, training and networking contribution** should cover, for example, costs for training and networking activities that contribute directly to the researchers' career development (e.g. participation in conferences, trips related to work on the action, training, language courses, seminars, lab material, books, library records, publication costs), research expenses, visa-related fees and travel expenses, additional costs arising from optional secondments (e.g. travel and accommodation costs).

The **management and indirect contribution** should cover the beneficiary's additional costs in connection with the action (e.g. personnel costs for project management, indirect costs).

The above rates apply to postdoctoral researchers devoting themselves to their project on a full-time basis. Researchers may, in agreement with the supervisor and beneficiary and with prior approval by the granting authority, implement their project on a part-time basis. In addition to the possibility to request part-time work for personal or family reasons, postdoctoral fellows may opt to work part-time in order to pursue supplementary activities. These might include creating a company, pursuing another research project<sup>86</sup>, or engaging in advanced studies not related to the MSCA grant. Part-time arrangements are not allowed during the outgoing phase of the Global Postdoctoral Fellowships. Any supplementary activities carried out part-time in parallel with the MSCA action must be agreed upon by the researcher and the beneficiary and approved by the granting authority.

If the action is implemented on a part-time basis, the researcher must dedicate at least 50% of his/her working time to the action funded by the MSCA. The beneficiary should report costs as pro rata of the applicable full-time unit contributions.

## **2.2. Admissibility**

The following exceptions to the General Annex A apply:

- The page limit of the application is 10 pages (excluding annexes).

## **2.3. Eligibility**

Given the specific nature of MSCA Postdoctoral Fellowships, the following exceptions and additional eligibility criteria apply. This section also contains eligibility conditions, which apply during action implementation but cannot be verified at proposal stage.

- All domains of research and technological development are eligible for funding (including areas of research covered by the Euratom Research and Training Programme 2021-2025).
- Proposals involving the same recruiting organisation (and for Global Postdoctoral Fellowships also the associated partner hosting the outgoing phase) and individual researcher submitted to the previous call of MSCA Postdoctoral Fellowships under Horizon Europe and having received a score of less than 70% must not be resubmitted the following year.

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<sup>86</sup> Part-time work cannot be requested in order to participate in another MSCA grant at the same time.



- Only one proposal per individual researcher can be submitted. In case of several proposals involving the same individual researcher, only the last submitted one will be considered eligible.
- If proposals with the same research objectives and work plan are submitted for different researchers, only the first submitted one will be considered eligible.

### ***2.3.1. Participating organisations***

- Applications must be submitted by a single independent legal entity, established in an EU Member State or Horizon Europe Associated Country. This is a mono-beneficiary action.
- The associated partner hosting the outgoing phase in Global Postdoctoral Fellowships must include a letter of commitment in the proposal to ensure their active participation in the action.
- Applications in the research areas of research covered by the Euratom Research and Training Programme 2021-2025 must be submitted by a single independent legal entity, established in an EU Member State or a country associated to the Euratom Research and Training Programme 2021-2025. Nuclear-related proposals submitted by entities established in other countries will be ineligible<sup>87</sup>.
- Affiliated entities are not allowed to participate as they cannot claim costs in MSCA Postdoctoral Fellowships.
- International organisations with headquarters in an EU Member State or Horizon Europe Associated Country will be deemed to be established in this Member State or Associated Country.
- The beneficiary must employ and supervise the researcher during the action.

### ***2.3.2. Recruited researchers***

- Supported fellows must be **postdoctoral researchers** at the date of the call deadline, i.e. in a possession of a doctoral degree<sup>88</sup>. Applicants who have successfully defended their doctoral thesis but who have not yet formally been awarded the doctoral degree will also be considered as postdoctoral researchers and will be considered eligible to apply.

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<sup>87</sup> See Euratom Work Programme 2021-2025 and the Horizon Europe Programme guide available on the Funding and Tender Opportunities Portal (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents;programCode=HORIZON> ) for up-to-date information on the current list of countries associated to the Euratom Programme”

<sup>88</sup> A medical doctor degree will be accepted only when it corresponds to a doctoral degree or if the researcher can demonstrate his/her appointment in a position that requires doctoral equivalency (e.g. professorship appointment). Medical doctor degrees corresponding to basic medical training as defined in Annex V of Directive 2005/36/EC will not be considered a doctoral degree

- At the call deadline, supported researchers must have a **maximum of 8 years full-time equivalent experience in research**, measured from the date of award of the doctoral degree. Years of experience outside research and career breaks (e.g. due to parental leave<sup>89</sup>), will not count towards the amount of research experience. For nationals or long-term residents of EU Member States or Horizon Europe Associated Countries who wish to reintegrate to pursue their research career in EU Member States or Horizon Europe Associated Countries, years of experience in research in third countries will not be considered in the above maximum.
- Recruited researchers must comply with the following **mobility rule**: they must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary (for European Postdoctoral Fellowships), or the host organisation for the outgoing phase (for Global Postdoctoral Fellowships) for more than 12 months in the 36 months immediately before the call deadline.

Researchers wishing to reintegrate from a third country must either be based in a third country at the call deadline, or have moved directly from a third country to an EU Member State or Horizon Europe Associated Country within the last 12 months before the call deadline.

For 'International European Research Organisations' (IERO), 'international organisations', or entities created under Union law, the researchers must not have spent more than 12 months in the 36 months immediately before the call deadline, in the same appointing organisation.

Compulsory national service, short stays such as holidays and time spent as part of a procedure for obtaining refugee status under the Geneva Convention<sup>90</sup> are not taken into account.

- Supported **researchers can be of any nationality**. However, researchers going to a third country ('Global Postdoctoral Fellowship) or researchers who wish to reintegrate to Europe, must be nationals or long-term residents of EU Member States or Horizon Europe Associated Countries. Long-term residence means a period of legal and continuous residence within EU Member States or Horizon Europe Associated Countries of at least five consecutive years. Periods of absence from the territory of the EU Member State or Horizon Europe Associated Country will be taken into account for the calculation of this period where they are shorter than six consecutive months and do not exceed in total ten months within this period.

Researchers who are refugees in an EU Member State or Horizon Europe Associated Country according to the Geneva Convention may also apply to both European and

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<sup>89</sup> Maternity: for each child born within the above mentioned eligibility period of 8 years, 18 months will be deducted from the experience in research unless the applicant can document a longer parental leave prior to the call deadline. Paternity: for each child born within the above mentioned eligibility period of 8 years, the documented time of parental leave taken until the call deadline will be deducted from the experience in research.

<sup>90</sup> 1951 Refugee Convention and the 1967 Protocol.

Global Postdoctoral Fellowships, irrespective of whether they are long-term residents or not, if they fulfil the other eligibility conditions.

- Applicants in the research areas covered by the Euratom Research and Training Programme 2021-2025 must recruit nationals or long-term residents of an EU Member State or a country associated to the Euratom Research and Training Programme 2021-2025

### 2.3.3. Duration of the action

- European Postdoctoral Fellowships should last between 12 and 24 months. Global Postdoctoral Fellowships should last between 24 and 36 months, consisting of 12 to 24 months for the outgoing phase and 12 months for the return phase.
- If requested and justified in the proposal, an **additional period of up to six months at the end of the project** can be awarded to researchers who will spend that period in a non-academic organisation established in an EU Member State or Horizon Europe Associated Country.

### 2.4. Award criteria

- Proposals will be evaluated by experts on the basis of the **award criteria** 'excellence', 'impact' and 'quality and efficiency of the implementation'.
- Evaluation scores will be awarded for each of these criteria, and not for the different aspects listed in the table below. Each criterion will be scored out of 5. Scores will be awarded with a resolution of one decimal place and will be subject to a weighting factor as indicated in the table below.
- Proposals scoring equal to or above 70% will be considered for funding — within the limits of the available call budget. Other proposals will be rejected.

Excellence	Impact	Quality and efficiency of the implementation
Quality and pertinence of the project's research and innovation objectives (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 employability of the researcher and contribution to his/her skills development	Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages
Soundness of the proposed methodology (including interdisciplinary approaches, consideration of the gender dimension and other diversity	Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including	Quality and capacity of the host institutions and participating organisations, including hosting

<b>Excellence</b>	<b>Impact</b>	<b>Quality and efficiency of the implementation</b>
aspects if relevant for the research project, and the quality of open science practices)	communication activities	arrangements
Quality of the supervision, training and of the two-way transfer of knowledge between the researcher and the host	The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	
Quality and appropriateness of the researcher's professional experience, competences and skills		
<b>50%</b>	<b>30%</b>	<b>20%</b>
<b>Weighting</b>		

## 2.5. Procedure

In Postdoctoral Fellowships, proposals will be evaluated by one of eight 'main evaluation panels': Chemistry (CHE), Social Sciences and Humanities (SOC), Economic Sciences (ECO), Information Science and Engineering (ENG), Environment and Geosciences (ENV), Life Sciences (LIF), Mathematics (MAT), Physics (PHY). Each panel will establish two ranked lists, one for European and one for Global Postdoctoral Fellowships.

European and Global Postdoctoral Fellowships will have separate budgets. The distribution of respective available funds will be proportional to the number of eligible proposals received in each main evaluation panel. If the budget allocated to any panel exceeds the requirements of all proposals positively evaluated<sup>91</sup> in that panel, the excess budget will be reallocated to the other panels based on the distribution as above. Equally, if the allocated funding to a panel is insufficient to fund the highest ranked proposal in that panel, the necessary budget will be transferred from the other panels based on the distribution as above, in order to ensure that the highest ranked proposal can be funded. In order to ensure budget optimisation and an equitable success rate across panels, the excess budget remaining after the initial allocation of funding to the proposals in the panels may be transferred between panels.

### *Ex-aequo Proposals*

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<sup>91</sup> Measured as proposals having passed all relevant evaluation thresholds.

- When the total scores of two or more proposals are equal (ex-aequo cases), the priority order will be established as follows:
  - 1) The proposals will be prioritised according to the scores they have been awarded for the criterion ‘Excellence’. When these scores are equal, priority will be based on scores for the criterion ‘Impact’.
  - 2) If necessary, the gender balance among successful applicant researchers will be used as a factor for prioritisation.
  - 3) If a distinction still cannot be made, the panel may decide to further prioritise by considering other factors such as gender and other diversity aspects in the research activities, participation of the non-academic sector (including involvement of SMEs), geographical diversity<sup>92</sup>, favourable employment and working conditions or relationship to the Horizon Europe objectives in general. These factors will be documented in the panel report.

### *Seal of Excellence*

- Seals of Excellence will be awarded to applications with a total score **equal to or higher than 85%**, but which cannot be funded due to lack of budget available to the call.

## **2.6. Legal and Financial set-up of the Grant Agreements**

The following exceptions and additional conditions apply:

- Eligible costs must take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.
- When associated partners are involved, the beneficiary is encouraged to sign a partnership agreement with them to regulate the internal relationship between all participating organisations. The partnership agreement(s) must comply with the grant agreement.
- The beneficiary must ensure full access — on a royalty-free basis — for the recruited researcher to background and results needed for his/her activities under the action.
- The following deliverables will have to be submitted for grants awarded under this topic:
  - **mobility declaration** submitted within 20 days of the start of the research training activities and updated (if needed) via the Funding & Tenders Portal Continuous Reporting tool;
  - **career development plan** of the recruited researcher, submitted at the beginning of the action (not later than 6 months after its start) and updated if needed throughout the project;

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<sup>92</sup> Defined as the number of EU Member States or Associated Countries represented in the proposal, not otherwise receiving funds from projects higher up the ranking list (and if equal in number, then by budget).

- **evaluation questionnaire** completed by the recruited researcher and submitted at the end of the research training activity; a **follow-up questionnaire** submitted two years later;
- **data management plan** submitted within the first 6 months of the project;
- **plan for the dissemination and exploitation of results** submitted towards the end of the project.

### 3. MSCA STAFF EXCHANGES

#### 3.1. Applicable unit contributions

The EU contribution for MSCA Staff Exchanges will take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

The following budget categories apply:

MSCA Staff Exchanges	Contributions for seconded staff members		Institutional contributions	
	per person-month		per person-month	
	Top-up allowance	Special needs allowance (if applicable)	Research, training and networking contribution	Management and indirect contribution
	EUR 2 300	requested unit <sup>93</sup> x (1/number of months)	EUR 1 300	EUR 1 000

The **top-up allowance** for the seconded staff member contributes to travel, accommodation and subsistence costs related to the secondment.

The **special needs allowance** contributes to the additional costs for the acquisition of special needs items and services for staff members with disabilities, whose long-term physical, mental, intellectual or sensory impairments<sup>94</sup> are certified by a competent national authority, and of such nature that their participation in the action may not be possible without them (e.g. assistance by third persons, adaptation of work environment, additional travel/transportation costs). These special needs items or services must not have been funded from another source

<sup>93</sup> The pre-defined categories are as follows: 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.

<sup>94</sup> See Article 1 of the UN Convention on the Rights of Persons with Disabilities .

(e.g. social security or health insurance). The special needs allowance should be requested when the need arises.

The **research, training and networking contribution** should cover costs for training, transfer of knowledge and networking activities, as well as research expenses.

The **management and indirect contribution** should cover the beneficiary's additional costs in connection with the action (e.g. personnel costs for project management/coordination, indirect costs).

### **3.2. Admissibility**

The following exception to the General Annex A applies:

- The page limit of the application is 30 pages (excluding annexes).

### **3.3. Eligibility**

Given the specific nature of MSCA Staff Exchanges, the following exceptions and additional eligibility criteria apply. This section also contains eligibility conditions, which apply during action implementation but cannot be verified at proposal stage.

#### ***3.3.1. Participating organisations***

- Applications must be submitted by a consortium including at least three independent legal entities in three different countries, two of which established in a different EU Member State or Horizon Europe Associated Country.
- International organisations with headquarters in an EU Member State or Horizon Europe Associated Country will be deemed to be established in this Member State or Associated Country.
- The European Commission Joint Research Centre (JRC) may participate as member of the consortium selected for funding.
- Affiliated entities are not allowed to participate as they cannot claim costs in MSCA Staff Exchanges.
- Only legal entities that are established in EU Member States or Horizon Europe Associated Countries can be beneficiaries.
- If all participating organisations are from the same sector (i.e. either only academic or only non-academic), there must be at least one organisation from a non-associated Third Country. Above this minimum, the participation of organisations from any country is possible under the conditions provided by the Horizon Europe Rules for Participation and Dissemination.
- Secondments within EU Member States or Horizon Europe Associated Countries must be between different sectors (academic and non-academic), except for

interdisciplinary secondments, which must be limited to a maximum of one third of the total months spent under the action.

- For secondments from associated partners linked to a beneficiary, only the sector (academic or non-academic) of the beneficiary counts; the linked associated partners will be considered to belong to the same sector as their beneficiary.
- Secondments must be between different countries; secondments between non-associated third countries are not eligible.
- Secondments must be performed on a full-time basis.
- Associated partners must include a letter of commitment in the proposal to ensure their active participation in the action. The involvement of any associated partner for which no such evidence of commitment is submitted will not be taken into account during evaluation.

### ***3.3.2. Seconded staff members***

- Secondments are open for researchers at any career stage (from doctoral candidates to postdoctoral researchers<sup>95</sup>), as well as administrative, managerial and technical staff supporting R&I activities under the action.
- Supported staff members must be actively engaged in or linked to R&I activities for at least one month (full-time equivalent) at the sending institution before the first period of secondment.
- After the period of secondment, seconded staff should return to their sending institution, thus maximising the impact of the action for knowledge sharing and long-term collaboration.

### ***3.3.3. Duration of the action***

- The maximum duration of the project is 48 months from the starting date set out in the grant agreement.
- The overall EU contribution for MSCA Staff Exchanges amounts to a maximum of 360 person-months per project.
- Secondments must last at least one month and cannot be longer than 12 months for the same staff member (independently of the number of organisations the staff is seconded to).
- The secondment of a staff member may be split into several stays with one or several beneficiaries or associated partners.

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<sup>95</sup> In possession of a doctoral degree. Possession of a doctoral degree is defined as a successfully defended doctoral thesis, even if the doctoral degree has yet to be awarded.



- Secondments beyond the project duration cannot be funded.

### 3.4. Award criteria

- Proposals will be evaluated by experts on the basis of the **award criteria** 'excellence', 'impact' and 'quality and efficiency of the implementation'.
- Evaluation scores will be awarded for each of these criteria, and not for the different aspects listed in the table below. Each criterion will be scored out of 5. Scores will be awarded with a resolution of one decimal place and will be subject to a weighting factor as indicated in the table below.
- Proposals scoring equal to or above 70% will be considered for funding — within the limits of the available call budget. Other proposals will be rejected.

Excellence	Impact	Quality and efficiency of the implementation
Quality and pertinence of the project's research/innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)	Developing new and lasting research collaborations, achieving transfer of knowledge between participating organisations and contributing to improving research and innovation potential at the European and global level	Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages
Soundness of the proposed methodology (including international, interdisciplinary and inter-sectoral approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices)	Credibility of the measures to enhance the career perspectives of staff members and contribution to their skills development	Quality, capacity and role of each participant, including hosting arrangements and extent to which the consortium as a whole brings together the necessary expertise
Quality of the proposed interaction between the participating organisations in light of the research and innovation objectives.	Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including	

Excellence	Impact	Quality and efficiency of the implementation
	communication activities	
	The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts.	
50%	30%	20%
<b>Weighting</b>		

### 3.5. Procedure

- Proposals will be evaluated by one of eight 'main evaluation panels': Chemistry (CHE), Social Sciences and Humanities (SOC), Economic Sciences (ECO), Information Science and Engineering (ENG), Environment and Geosciences (ENV), Life Sciences (LIF), Mathematics (MAT), Physics (PHY). Each panel establishes a ranked list.
- The distribution of the indicative budget of the call will be proportional to the number of eligible proposals received in each panel. If the budget allocated to any panel exceeds the requirements of all proposals positively evaluated<sup>96</sup> in that panel, the excess budget will be reallocated to the other panels based on the distribution as above. Equally, if the allocated funding to a panel is insufficient to fund the highest ranked proposal in that panel, the necessary budget will be transferred from the other panels based on the distribution as above, in order to ensure that the highest ranked proposal can be funded. In order to ensure budget optimisation and an equitable success rate across panels, the excess budget remaining after the initial allocation of funding to the proposals in the panels may be transferred between panels.

#### *Ex-aequo Proposals*

- When the total scores of two or more proposals are equal (ex-aequo cases), the priority order will be established as follows:
  - The proposals will be prioritised according to the scores they have been awarded for the criterion 'Excellence'. When these scores are equal, priority will be based on scores for the criterion 'Impact'.

<sup>96</sup> Measured as proposals having passed all relevant evaluation thresholds.

- 2) If a distinction still cannot be made, the panel may decide to further prioritise by considering other factors such as gender and other diversity aspects in the research activities, participation of the non-academic sector (including involvement of SMEs), geographical diversity<sup>97</sup>, international cooperation, favourable working/secondment conditions or relationship to the Horizon Europe objectives in general. These factors will be documented in the panel report.

### 3.6. Legal and financial set-up of the Grant Agreements

The following exceptions and additional conditions apply:

- Eligible costs must take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.
- When associated partners are involved, beneficiaries are encouraged to sign a partnership agreement with them to regulate the internal relationship between all participating organisations. The partnership agreement(s) must comply with the grant agreement.
- Grants awarded under this topic might be linked to other actions funded by Horizon 2020 or Horizon Europe.
- Beneficiaries must ensure full access — on a royalty-free basis — for the staff members to background and results needed for their activities under the action.
- The following deliverables will have to be submitted for grants awarded under this topic:
  - **mid-term meeting** organised between the participants and the granting authority;
  - **progress report** submitted within 30 days after one year from the starting date of the action;
  - **mobility declaration** submitted within 20 days of the secondment of each seconded staff member, and updated (if needed) via the Funding & Tenders Portal Continuous Reporting tool;
  - **evaluation questionnaire** completed by the seconded staff members and submitted at the end of their secondments; a follow-up questionnaire submitted two years later;
  - **data management plan** submitted at mid-term and an update towards the end of the project if needed;

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<sup>97</sup> Defined as the number of EU Member States or Associated Countries represented in the proposal, not otherwise receiving funds from projects higher up the ranking list (and if equal in number, then by budget).

- **plan for the dissemination and exploitation of results, including communication activities** submitted at mid-term and an update towards the end of the project.

#### 4. MSCA COFUND

##### 4.1. Applicable unit contributions

The EU contribution for MSCA COFUND will take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

The following budget categories apply:

MSCA COFUND	Contributions for recruited researchers and institutional contributions			
	per person-month			
	COFUND allowance		Long-term leave allowance (if applicable)	Special needs allowance (if applicable)
Doctoral programmes	EUR 2 800	EUR 2 800 x % covered by the beneficiary	requested unit <sup>98</sup>  x (1/number of months)	
Postdoctoral programmes	EUR 3 980	EUR 3 980 x % covered by the beneficiary		

The **COFUND allowance** contributes to:

- costs of the researchers including the remuneration payable to the individual doctoral or postdoctoral researchers recruited under an employment contract/equivalent direct contract with full social security coverage and complying with the applicable social security legislation, as well as the mobility costs and, if applicable, the family costs, and/or
- costs related to the training, research expenses, transfer of knowledge and networking activities of researchers, costs of managing the action and indirect costs.

The **long-term leave allowance** contributes to the personnel costs incurred by the employer in case of the researchers' leave, including maternity, paternity, parental, sick or special leave, longer than 30 consecutive days. The **special needs allowance** contributes to the additional costs for the acquisition of special needs items and services for researchers with disabilities,

<sup>98</sup> The pre-defined categories are as follows: 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.

whose long-term physical, mental, intellectual or sensory impairments<sup>99</sup> are certified by a competent national authority, and of such nature that their participation in the action may not be possible without them (e.g. assistance by third persons, adaptation of work environment, additional travel/transportation costs). These special needs items or services must not have been funded from another source (e.g. social security or health insurance). Both long-term leave and special needs allowances should be requested when the need arises.

The beneficiary or implementing partner must recruit each eligible researcher under an employment contract or 'equivalent direct contract' with full social security coverage (including sickness, parental, unemployment and invalidity benefits, pension rights, benefits in respect of accidents at work and occupational diseases). An exemption from this rule can be accepted only in cases where national legislation or the equivalent internal regulations of International European Research Organisations (IERO), entities created under Union law, or an international organisation, prohibit this possibility and subject to the prior agreement of the granting authority.

When an employment contract cannot be provided, the beneficiary or the implementing partner may exceptionally recruit the researcher under a 'fixed-amount fellowship'. In this case, the COFUND allowance will be halved and the beneficiary must ensure that the researcher enjoys minimum social security coverage (including sickness, parental and invalidity benefits, and benefits for accidents at work and occupational diseases).

In principle, researchers should be employed full-time. The above rates apply to researchers devoting themselves to their project on a full-time basis. Researchers may, in agreement with the supervisor and beneficiary and with prior approval by the granting authority, implement their project on a part-time basis. Part-time work due to professional reasons can be requested by Cofund postdoctoral researchers only.

In cases of part-time work, researchers must dedicate at least 50% of their working time to the MSCA action, whether they are working part-time for family or other reasons. The beneficiary should report costs as pro rata of the applicable full-time unit contributions.

The EU contribution is limited to EUR 10 million per beneficiary per call. If an applicant submits two or more successful applications totalling more than EUR 10 million within one call, the applicant will be required to decide which of these proposals to implement.

The table above specifies the unit contributions for the co-funding of regional, national and international programmes. The EU contribution can be used to support any cost items of the programme (remuneration costs, mobility costs, family costs, research, training and networking costs, management and indirect costs). Individual cost items may be fully or partially funded through other resources including EU programmes other than Horizon 2020 or Horizon Europe, such as the Cohesion policy funds, provided that double-funding is avoided.

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<sup>99</sup> See Article 1 of the UN Convention on the Rights of Persons with Disabilities.

Applicants must specify in their proposal the total cost of their proposed programme and in particular the amounts that will be provided for the benefit of the researchers and for the organisation(s) that will implement the programme. This information will be needed to evaluate the adequateness of employment and working conditions of the researchers. The monthly gross remuneration, i.e. salaries, social security contributions, taxes and other costs or compulsory deductions under national legislation linked to in the remuneration, and the mobility costs for the benefit of the researchers must be:

- For researchers recruited under an employment contract: not lower than EUR 2800 (for doctoral candidates) and EUR 3980 (for postdoctoral researchers);
- For researchers recruited under a fixed-amount fellowship: not lower than EUR 1400 (for doctoral candidates) and EUR 1990 (for postdoctoral researchers).

#### **4.2. Admissibility**

The following exceptions to the General Annex A apply:

- The page limit of the application is 30 pages (excluding annexes).
- Where doctoral or postdoctoral programmes are implemented as financial support to third parties through implementing partners, applications must not include a plan for the exploitation and dissemination of results, including communication activities, because the scope of these activities will not be known at application stage.

#### **4.3. Eligibility**

Given the specific nature of MSCA COFUND, the following exceptions and additional eligibility criteria apply. This section also contains eligibility conditions, which apply during action implementation but cannot be verified at proposal stage.

##### ***4.3.1. Participating organisations***

- Applications must be submitted by a single entity established in an EU Member State or Horizon Europe Associated Country.
- Affiliated entities are not allowed to participate as they cannot claim costs in MSCA COFUND.
- The conditions for financial support to third parties defined in General Annex B do not apply.
- International organisations with headquarters in an EU Member State or Horizon Europe Associated Country will be deemed to be established in this Member State or Associated Country.
- The beneficiary will be responsible for the availability of the necessary complementary funds to implement the proposal.

- In each COFUND action, a minimum of three researchers must be recruited. COFUND proposals foreseeing research training for fewer than three researchers will be deemed ineligible.
- Associated partners must include a letter of commitment in the proposal to ensure their active participation in the action. The involvement of any associated partner for which no such evidence of commitment is submitted will not be taken into account during evaluation.

#### **4.3.2. Recruited researchers**

- Recruited researchers can be of any nationality (see also specific condition for COFUND Postdoctoral Programmes below) and must comply with the following **mobility rule**<sup>100</sup>: they must not have resided or carried out their main activity (work, studies, etc.) in the country of the recruiting beneficiary or implementing partner for more than 12 months in the 36 months immediately before the deadline of the co-funded programme's call.

For International European Research Organisations' (IERO), 'international organisations' or entities created under Union law, the researchers must not have spent more than 12 months in the 36 months immediately before the deadline of the co-funded programme's call, in the same appointing organisation.

Compulsory national service, short stays such as holidays and time spent as part of a procedure for obtaining refugee status under the Geneva Convention<sup>101</sup> are not taken into account.

- Supported researchers must be either doctoral candidates or postdoctoral researchers, depending on the action:
  - For COFUND Doctoral Programmes, researchers must be doctoral candidates, i.e. not already in possession<sup>102</sup> of a doctoral degree at the deadline of the co-funded programme's call.

Researchers must be enrolled in a doctoral programme leading to the award of a doctoral degree in at least one EU Member State or Horizon Europe Associated Country.

- For COFUND Postdoctoral Programmes, researchers must be in possession of a doctoral degree<sup>103</sup> at the deadline of the co-funded programme's call.

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<sup>100</sup> Existing programmes with international mobility applying for COFUND can deviate from this rule if duly justified in the proposal by the applicant. The existing mobility rule will be evaluated by the independent experts to judge if it is in the spirit of the MSCA mobility rule.

<sup>101</sup> 1951 Refugee Convention and the 1967 Protocol.

<sup>102</sup> Researchers who have successfully defended their doctoral thesis but who have not yet formally been awarded the doctoral degree will not be considered eligible.

Researchers who have successfully defended their doctoral thesis but who have not yet formally been awarded the doctoral degree will also be considered as postdoctoral researchers and will be considered eligible to apply.

- For COFUND Postdoctoral Programmes: researchers must be nationals or long-term residents of an EU Member State or Horizon Europe Associated Country, in case the main part of the research training activities is carried out in a country other than an EU Member State or Horizon Europe Associated Country.
- Limitations regarding the researchers' origin and destination should be avoided. Researchers who are already permanently employed by the organisation hosting them cannot be funded by COFUND.

#### ***4.3.3. Duration of the action***

- The maximum duration of the action must be 60 months from the starting date set out in the grant agreement. It also includes the time that is needed to select and recruit the researchers.
- The minimum duration of each fellowship (on the basis of full-time employment) must be three months.
- For Postdoctoral Programmes where the main part of the research training activity does not take place in an EU Member State or a Horizon Europe Associated Country (i.e. outgoing phase), the researcher should carry out a mandatory return period of 12 months at the premises of the beneficiary or the recruiting implementing partner. A maximum of three months can be spent at the start of the action at the beneficiary (or any other organisation mentioned in the description of the action), allowing the researcher to spend time there before the outgoing phase. Secondments cannot take place during the mandatory twelve-month return period to the host organisation in an EU Member State or Horizon Europe Associated Country.
- The duration of the secondments should be limited to a maximum of one third of the actual months spent implementing the research training activities under the action or, if applicable, of the duration of the outgoing phase for Postdoctoral Programmes.

#### **4.4. Award criteria**

- Proposals will be evaluated by experts on the basis of the **award criteria** 'excellence', 'impact' and 'quality and efficiency of the implementation'.
- Evaluation scores will be awarded for each of these criteria, and not for the different aspects listed in the table below. Each criterion will be scored out of 5. Scores will be

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<sup>103</sup> A medical doctor degree will be accepted only when it corresponds to a doctoral degree or if the researcher can demonstrate his/her appointment in a position that requires doctoral equivalency (e.g. professorship appointment). Medical doctor degrees corresponding to basic medical training as defined in Annex V of Directive 2005/36/EC will not be considered a doctoral degree.



awarded with a resolution of one decimal place and will be subject to a weighting factor as indicated in the table below.

- Proposals scoring equal to or above 70% will be considered for funding — within the limits of the available call budget. Other proposals will be rejected.

<b>Excellence</b>	<b>Impact</b>	<b>Quality and efficiency of the implementation</b>
Quality and novelty of the selection / recruitment process for the researchers (transparency, composition and organisation of selection committees, evaluation criteria, equal opportunities, the gender dimension and other diversity aspects) and quality and attractiveness of the appointment conditions, including competitiveness of the salary for the standards of the hosting countries	Strengthening human resources good practices at institutional, regional, national or international level, in particular through aligning the practices of participating organisations with the principles set out by the EU for human resources development in research and innovation	Quality and effectiveness of the work plan, management structures, assessment of risks and appropriateness of the effort assigned to work packages
Quality and novelty of the research options offered by the programme in terms of science, interdisciplinarity, inter-sectorality and level of international mobility. Quality of open science practices	Credibility of the proposed measures to enhance the career perspectives and employability of researchers and contribution to their skills development	Quality and capacity of the host institution(s) and participating organisations (where appropriate), including hosting arrangements and extent to which they bring together the necessary expertise to successfully implement the research training programme
Quality, novelty and pertinence of the research training programme (including transferable skills,	Suitability and quality of the measures to maximise the expected outcomes and impacts, as set out in the dissemination and exploitation	

<b>Excellence</b>	<b>Impact</b>	<b>Quality and efficiency of the implementation</b>
inter/multidisciplinary, inter-sectoral and gender as well as other diversity aspects)	plan, including communication activities	
Quality, novelty and pertinence of the supervision, career guidance and career development arrangements		
<b>50%</b>	<b>30%</b>	<b>20%</b>
<b>Weighting</b>		

#### **4.5. Procedure**

- In COFUND, the evaluation will be organised in two different panels, Doctoral Programmes and Postdoctoral Programmes, but a single ranking list will be produced.

##### *Ex-aequo Proposals*

- When the total scores of two or more proposals are equal (ex-aequo cases), the priority order will be established as follows:
  - 1) The proposals will be prioritised according to the scores they have been awarded for the criterion ‘Excellence’. When these scores are equal, priority will be based on scores for the criterion ‘Impact’.
  - 2) If a distinction still cannot be made, the panel may decide to further prioritise by considering other factors such as gender and other diversity aspects in the research activities, participation of the non-academic sector (including involvement of SMEs), geographical diversity<sup>104</sup>, synergies with Cohesion policy funds, support to Smart Specialisation Strategies, or relationship to the Horizon Europe objectives in general. These factors will be documented in the panel report.

##### *Seal of Excellence*

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<sup>104</sup> Defined as the number of EU Member States or Associated Countries represented in the proposal, not otherwise receiving funds from projects higher up the ranking list (and if equal in number, then by budget).

- Seals of Excellence will be awarded to applications with a total score **equal to or higher than 85%**, but which cannot be funded due to lack of budget available to the call.

#### 4.6. Legal and financial set-up of the Grant Agreements

The following exceptions and additional conditions apply:

- Eligible costs must take the form of unit contributions, as stipulated in Decision of 11 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.
- When associated partners are involved, the beneficiary is encouraged to sign a partnership agreement with them to regulate the internal relationship between all participating organisations. The partnership agreement(s) must comply with the grant agreement.
- The beneficiary may provide financial support to third parties. The support to third parties can only be provided in the form of grants, based on the MSCA unit contributions.
- Grants awarded under this topic may be linked to actions funded under the Cohesion policy funds, i.e. synergy actions.
- The beneficiary must ensure full access — on a royalty-free basis — for the recruited researchers to background and results needed for their activities under the action.
- The following deliverables will have to be submitted for grants awarded under this topic:
  - **mid-term meeting** organised between the participants and the granting authority;
  - **mobility declaration** submitted within 20 days of the start of the research training activities, for each researcher, and updated (if needed) via the Funding & Tenders Portal Continuous Reporting tool;
  - **career development plan:** a document describing how the individual Career Development Plans have been established (listing also the researchers for whom such plans have been put in place), submitted towards the end of the project;
  - **evaluation questionnaire** completed by each recruited researcher and submitted at the end of the research training activity; a follow-up questionnaire submitted two years later;
  - **data management plan** submitted at mid-term and an update towards the end of the project if needed;

- **plan for the dissemination and exploitation of results, including communication activities** submitted at mid-term and an update towards the end of the project.

**Table 1: Country correction coefficients (CCC) for Doctoral Networks and Postdoctoral Fellowships living allowances**

For countries where the correction coefficient is not indicated, the Commission will decide on a case-by-case basis.

Country Code <sup>105</sup>	CCC
<b>EU Member States</b>	
AT	106,3%
BE	100,0%
BG	54,8%
CY	77,5%
CZ	79,1%
DE	98,3%
DK	132,0%
EE	80,3%
EL	81,6%

ES	91,3%
FI	119,5%
FR	116,4%
HR	75,5%
HU	72,0%
IE	119,5%
IT	97,4%
LT	72,8%
LU	100,0%
LV	76,0%
MT	88,1%
NL	109,6%
PL	70,5%
PT	84,3%
RO	65,4%
SE	125,4%
SI	83,3%
SK	78,1%

<b>Third Countries</b>	
AE	94,0%
AL	59,0%
AM	77,7%
AO	130,0%
AR	62,5%

AU	100,9%
AZ	82,1%
BA	63,9%
BB	112,8%
BD	81,2%
BF	95,0%
BI	81,3%
BJ	91,9%
BO	83,9%
BR	84,7%
BW	62,9%
BY	66,8%
BZ	79,9%
CA	95,2%
CD	151,9%
CF	109,3%
CG	117,3%
CH	128,6%
CI	94,6%
CL	69,5%
CM	87,8%
CN	90,0%
CO	67,6%
CR	77,6%
CU	82,5%
CV	69,6%

DJ	87,2%
DO	61,4%
DZ	67,9%
EC	79,4%
EG	67,4%
ER	120,4%
ET	81,9%
FJ	73,5%
FO	132,0%
GA	107,9%
GE	62,2%
GH	73,9%
GM	68,8%
GN	84,2%
GT	87,3%
GW	81,9%
GY	71,7%
HK	115,4%
HN	77,4%
HT	85,0%
ID	73,0%
IL	107,2%
IN	73,8%
IS	130,5%
JM	84,4%
JO	98,8%

<sup>105</sup> [ISO 3166 alpha-2](#), except for Greece and the United Kingdom (EL and UK used respectively instead of GR and GB).

**Horizon Europe - Work Programme 2021-2022 Marie Skłodowska  
-Curie Actions**

JP	103,3%
KE	85,6%
KG	73,7%
KH	78,6%
KM	75,7%
KR	95,5%
KZ	71,9%
LA	89,8%
LB	116,2%
LI	128,6%
LK	77,4%
LR	149,6%
LS	56,2%
MA	72,6%
MD	63,2%
ME	61,6%
MG	85,6%
MK	50,7%
ML	90,0%
MM	67,0%
MR	68,1%
MU	73,3%
MW	60,9%
MX	60,3%
MY	67,2%
MZ	71,7%
NA	66,9%
NC	107,4%

NE	80,0%
NG	85,2%
NI	67,3%
NO	128,7%
NP	87,8%
NZ	98,9%
PA	76,8%
PE	88,0%
PG	99,8%
PH	81,3%
PK	54,8%
PS	112,5%
PY	63,0%
RS	57,7%
RU	97,3%
RW	81,6%
SA	83,4%
SB	112,7%
SD	107,8%
SG	124,4%
SL	107,1%
SN	98,4%
SR	69,1%
SV	72,2%
SZ	61,3%
TD	100,1%
TG	82,8%
TH	78,8%

	58,4%
TL	88,7%
TM	82,9%
TN	67,4%
TR	64,5%
TT	81,8%
TW	84,7%
TZ	67,9%
UA	68,5%
UG	67,2%
UK	136,9%
US	102,3%
UY	89,7%
UZ	68,0%
VE	139,2%
VN	61,3%
VU	104,8%
WS	82,2%
XK	70,2%
YE	104,4%
ZA	55,3%
ZM	74,8%
ZW	98,3%

