



APRE

Agenzia per la Promozione
della Ricerca Europea

GIORNATA INFORMATIVA PROGRAMMA HORIZON EUROPE PILLAR I - EXCELLENT SCIENCE - AZIONI MARIE SKŁODOWSKA CURIE (MSCA)

ANGELO D'AGOSTINO

8 GIUGNO 2022

Università degli Studi di Palermo – Dipartimento di Ingegneria – Sala Capitò- Campus universitario, viale delle Scienze, Palermo



Angelo D'Agostino

Horizon Europe competence team: MSCA, ERC, L&F,
Widening & European Research Area
National Contact Point - NCP

APRE – Agenzia per la Promozione della Ricerca Europea



Agenda

11,00 Introduzione alle Azioni Marie Skłodowska-Curie (MSCA)

Trainer: Angelo D'Agostino

11,10 MSCA POSTDOCTORAL FELLOWSHIPS

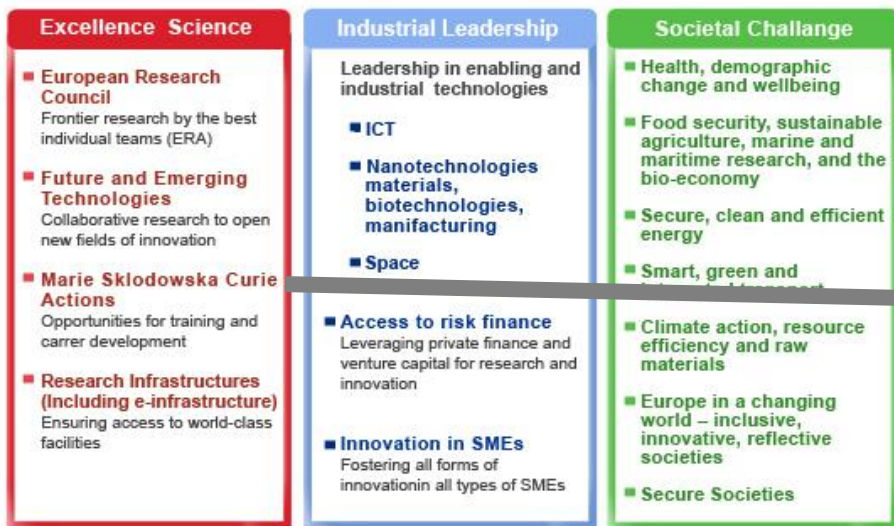
12,00 MSCA DOCTORAL NETWORKS

12,30 Consigli e suggerimenti per scrivere proposte progettuali

13,15 Sessione di domande

13,30 Pausa pranzo

Introduzione alle Azioni Marie Skłodowska-Curie (MSCA)



HORIZON EUROPE

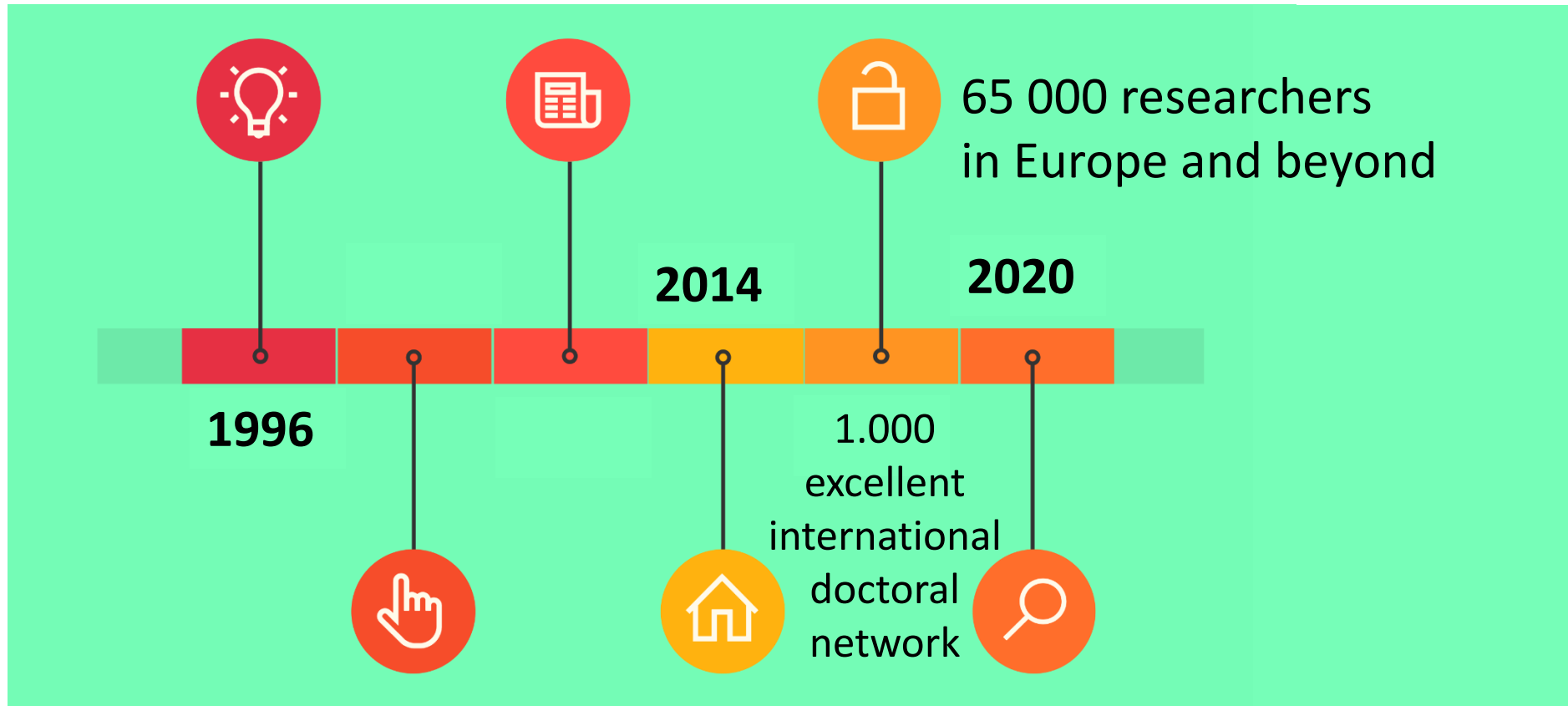
EURATOM



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* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

The Union's reference programme for doctoral education and postdoctoral training





Excellence



- ▣ individual fellows
- ▣ collaborations fostered
- ▣ knowledge transferred
- ▣ R&I methodologies applied
- ▣ the research conducted
- ▣ training, supervision and career guidance provided



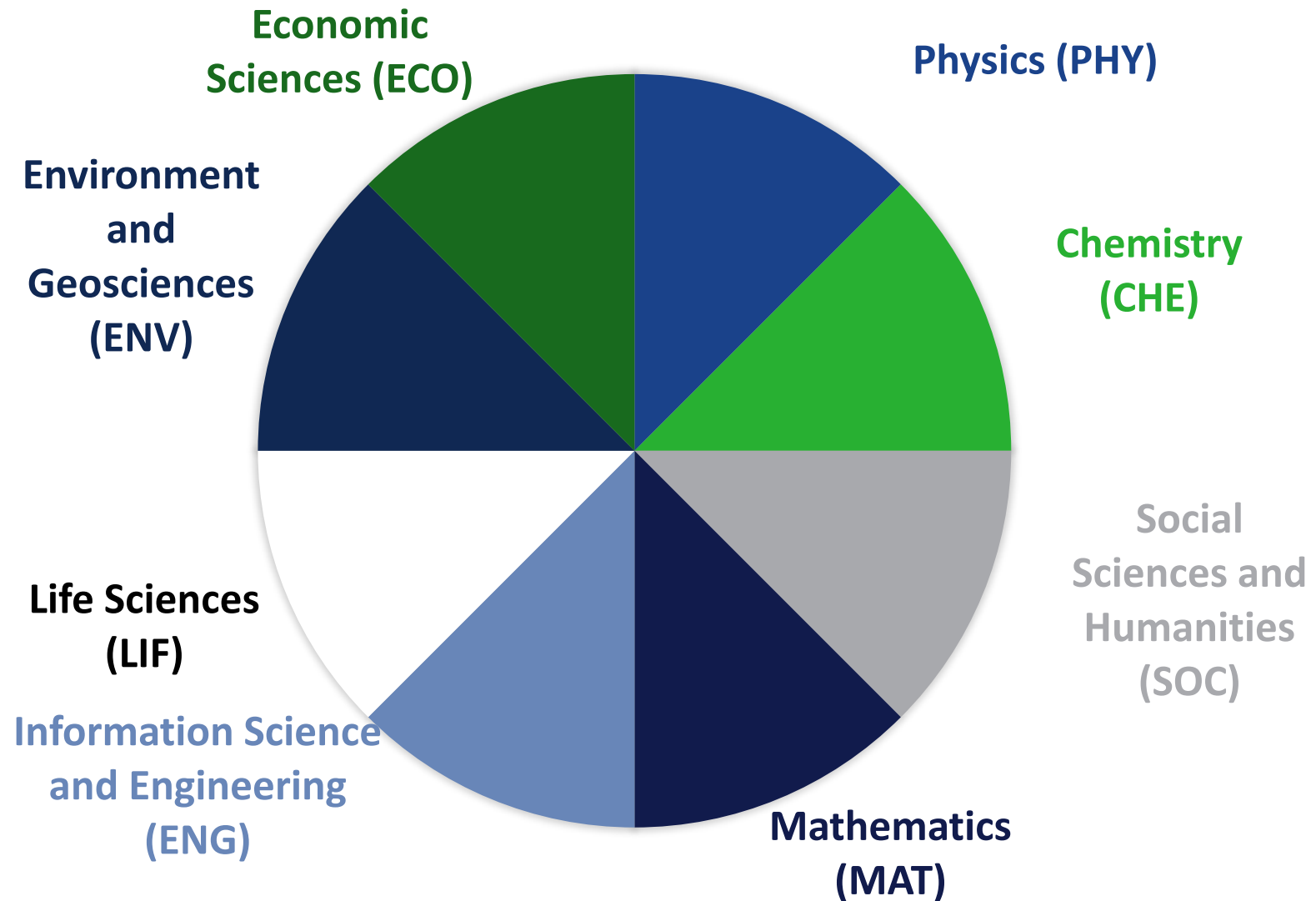
Mobility



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.



Bottom-up



Structuring effect



quality of researchers' training



fairer and more attractive working conditions



research capacity

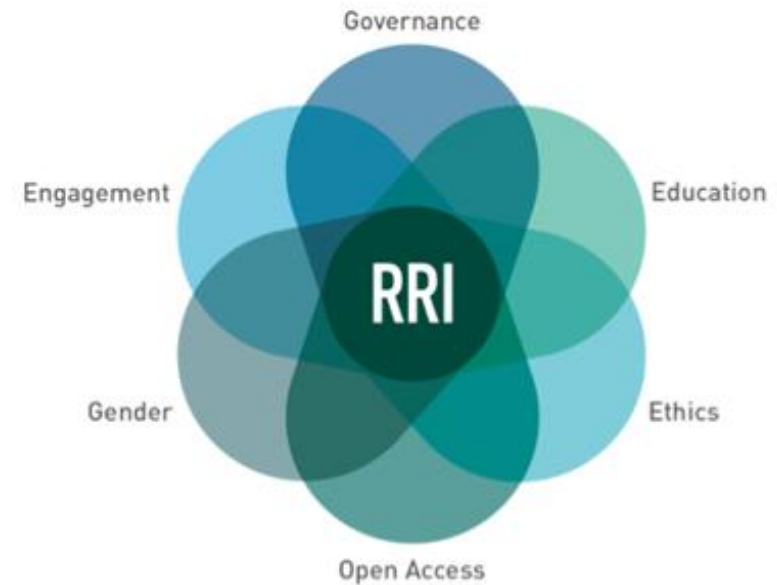
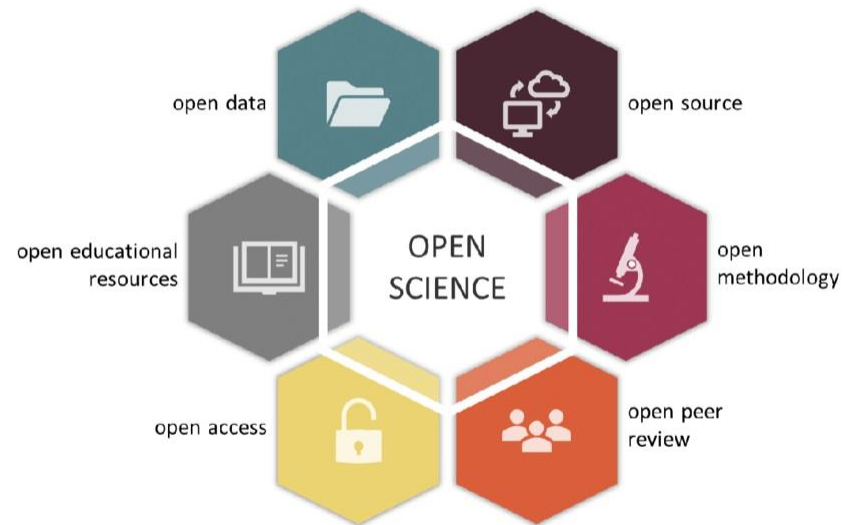


international and inter-sectoral partnerships and networks



Open Science & RRI

The MSCA endorse Open Science and Responsible Research and Innovation (RRI)



Green Deal and other EU priorities



European Green Deal



United Nation's 2030 Agenda and the Sustainable Development Goals



Synergies



European Union
European Regional
Development Fund



European Union
European Social Fund
Investing in jobs and skills





MSCA intervention areas

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



Actions

- 1 MSCA Doctoral Networks
- 2 MSCA Postdoctoral Fellowships
- 3 MSCA Staff Exchanges
- 4 MSCA COFUND
- 5 MSCA and Citizens



APRE

Agenzia per la Promozione
della Ricerca Europea

MSCA Postdoctoral Fellowships



Main Objective



to enhance the creative and innovative potential of researchers **holding a PhD**, **NEW!** wishing to acquire new skills through advanced training, international, interdisciplinary and inter-sectoral mobility.

Key messages



- an original and personalised research project
- to foster excellence through training and mobility
- to equip researchers with new skills and competences in order to identify solutions to current and future challenges



Recruited researchers

🏷️ postdoctoral researchers



🏷️ mobility rule

🏷️ Supported researchers can be of any nationality

- Global Postdoctoral Fellowship: nationals or long-term residents of EU Member States or Horizon Europe Associated Countries

🏷️ supported researchers must have a **maximum of 8 years time equivalent experience in research**



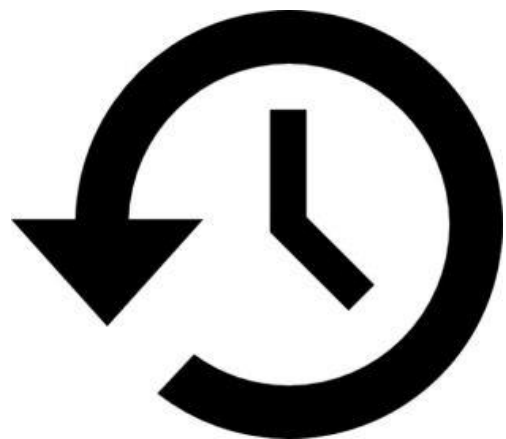
- Years **outside research and career breaks** will not be counted



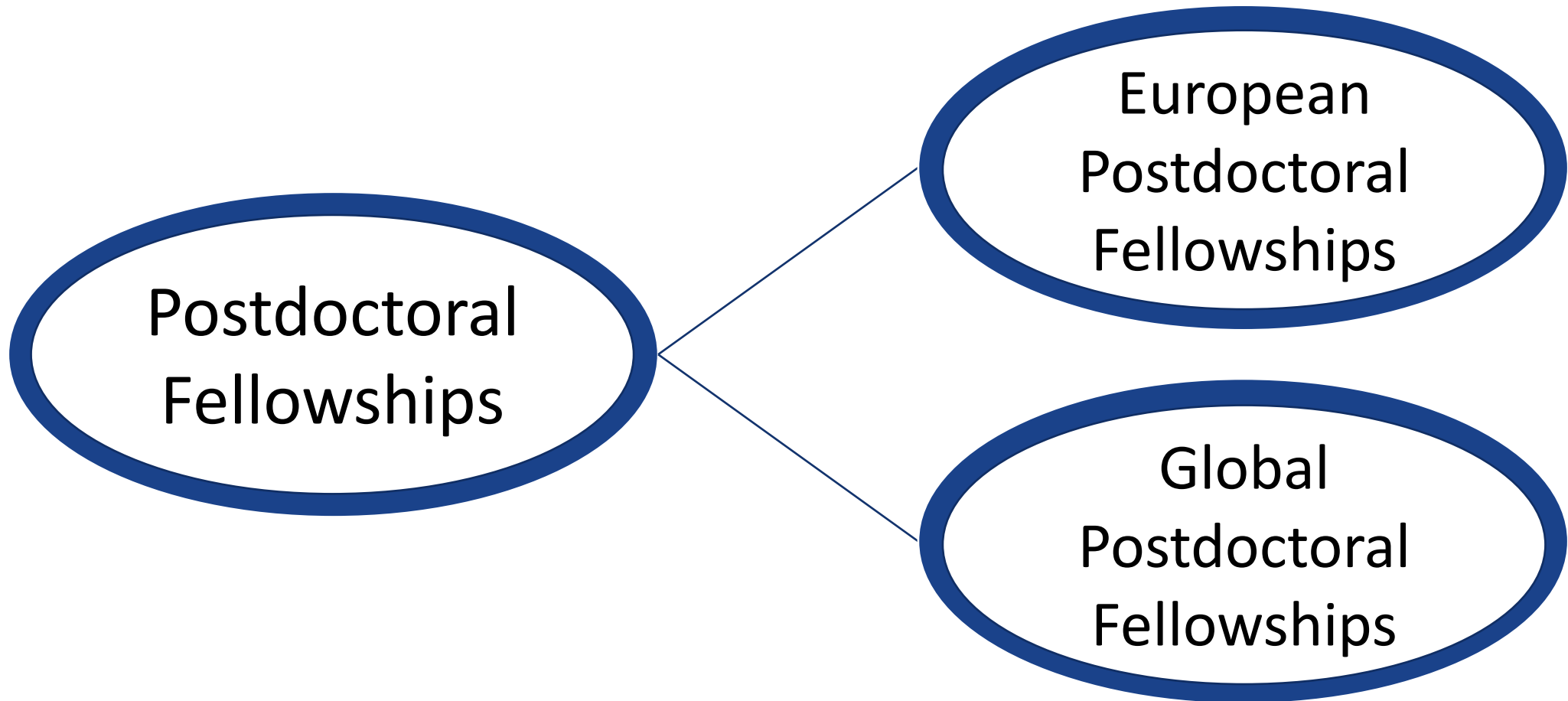
Maternity & Paternity

- ☞ Maternity: for each child born prior to the call deadline, 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 prior to the call deadline, the documented time of parental leave taken until the call deadline will be deducted from the experience in research.

Mobility rule

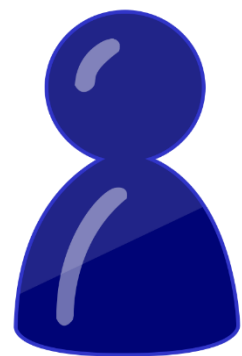


- Recruited researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary (for European Postdoctoral Fellowships), or the host organisation for the outgoing phase (for Global Postdoctoral Fellowships) for more than 12 months in the 36 months immediately before the call deadline.



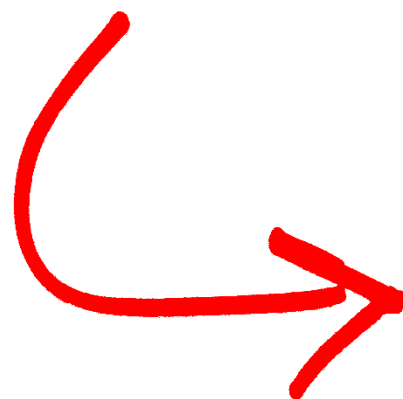


European Postdoctoral Fellowships



any nationality

from any country



12/24 months



UK ?

UK already eligible

As the first funding calls under Horizon Europe are launched, the new Q&A-style document confirms that UK applicants are already eligible to apply. The United Kingdom will therefore have the same rights and obligations, including financial, as other Horizon Europe associated countries.

This means that UK researchers and entities including universities, research centres, innovative businesses and industry, will have full rights to participate in the first calls for proposals under the Horizon Europe Framework Programme as soon as they are published on the European Commission's [Funding & Tender opportunities](#) website.

This development includes future funding calls financed by the Marie Curie-Skłodowska Actions.

The FAQs document explains the main features of the UK's association with Horizon Europe.

Further reading

- For more information, select the link [Q&A on the UK's participation in Horizon Europe](#).

Social media

- Follow [MSCA on Twitter](#)
- Like [MSCA on Facebook](#)

https://ec.europa.eu/research/mariecurieactions/news/horizon-europe-uk-participation_en



FAQ

Under Marie Skłodowska-Curie Postdoctoral Fellowships (MSCA-PF), can a researcher apply with a host institution established in the United Kingdom?

 Need help?

Active

Only legal entities established in an EU Member State or Horizon Europe Associated Country are eligible for funding under the MSCA-PF action. Under Horizon Europe, the UK is treated as an Associated Country subject to the entry into force of the association agreement.

Association to Horizon Europe takes place through the conclusion of an international agreement between the EU and the non-EU country. Association agreement negotiations are currently ongoing with 18 countries including the United Kingdom. While negotiations are taking place, transitional arrangements apply under which the legal entities established in these countries are eligible to participate in the call for proposals. Therefore, institutions in the United Kingdom shall be treated in the evaluations as if they were based in an Associated Country from the launch date of the programme (subject to the entry into force of the association agreement with the United Kingdom by the time of signature of the grant agreement).

FAQ ID

16432

Published on

19/08/2021 16:59

Category

[Proposals submission and evaluation](#)

Programme

[Horizon Europe \(HORIZON\)](#)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/faq/16432>



https://ec.europa.eu/info/sites/default/files/research_and_innovation/strategy_on_research_and_innovation/documents/ec_rtd_uk-participation-in-horizon-europe.pdf

Q&A on the UK's participation in Horizon Europe

The UK is expected to become an associated country to the EU's R&I Framework Programme Horizon Europe. The UK will therefore have the same rights and obligations as other countries associated to the Programme.



International cooperation

Horizon Europe association agreements status



Horizon Europe association agreements status

April 2022

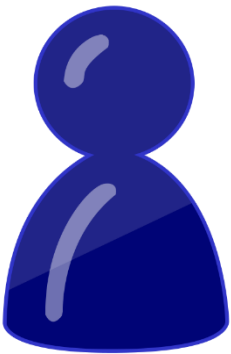
English (13.7 KB - XLSX)

Download 

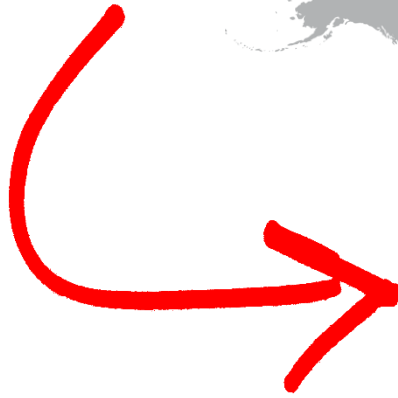
https://ec.europa.eu/info/files/horizon-europe-association-agreements-status_en



Global Postdoctoral Fellowships



European nationals or long-term residents



12/24 months



12 months

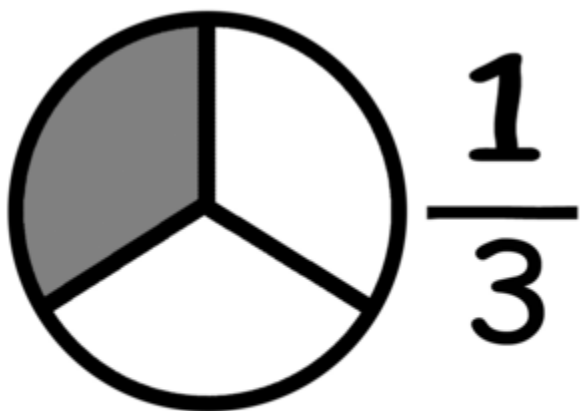


Secondments

in Europe and beyond



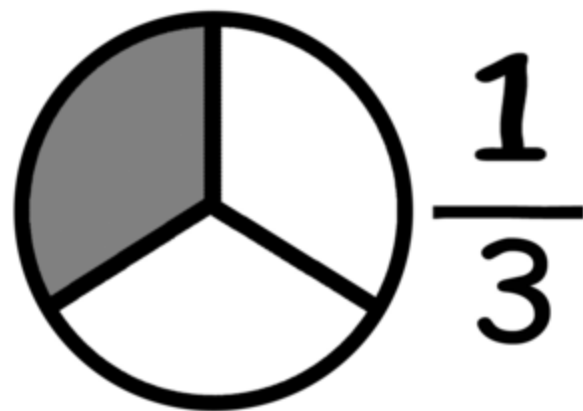
European Postdoctoral Fellowships



one-third

fellowship duration

Global Postdoctoral Fellowships



one-third

of the outgoing phase



Beneficiary (or any other organisation mentioned in the description of the action)



Placements in the non-academic sector

NEW!



PLACEMENT



associated partners



Training activities



- ▣ training for key transferable skills, 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.)



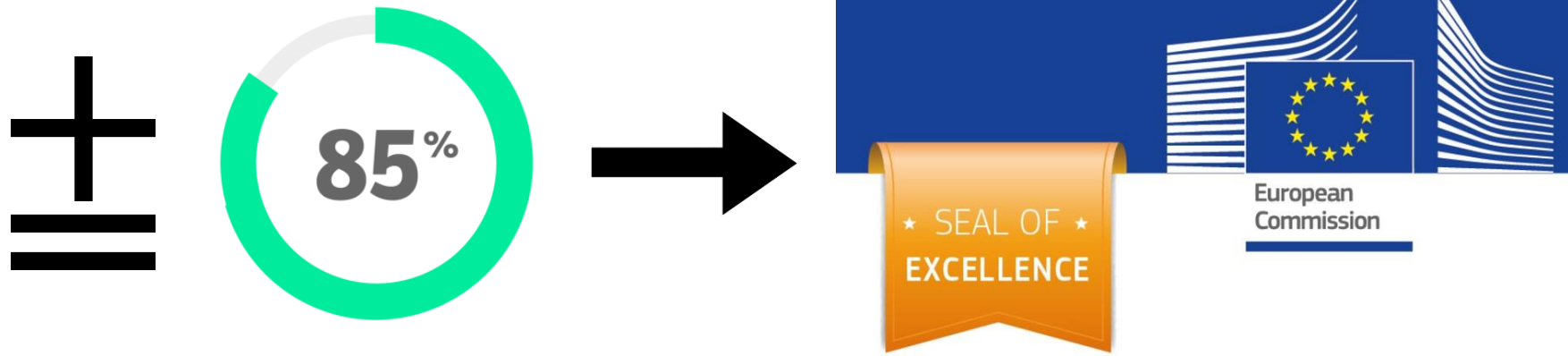
Euratom



- Aiming to enhance nuclear expertise and excellence as well as synergies between Programmes, organisations active in nuclear research established in one of Euratom Member States or Associated Countries are eligible to participate in MSCA Postdoctoral Fellowships. Such Fellowships will be supported by an indicative annual financial contribution from the Euratom Programme of EUR 1 million.



Seal of Excellence





Funding opportunities under Marie Skłodowska-Curie Actions

List of national and regional support programmes for Seal of Excellence holders under Marie-Skłodowska-Curie Actions

PAGE CONTENTS

What you can find on this page

Belgium (Flanders)

Bulgaria

Czechia

What you can find on this page

The list below provides regularly updated information we receive about available support at national/regional level for MSCA proposals with a Seal of Excellence.

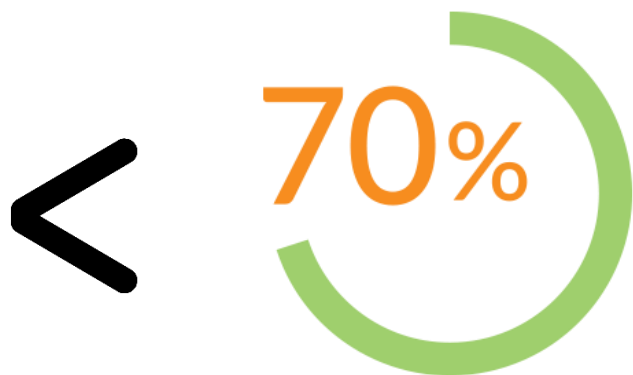
A number of other countries have suggested that recipients may wish to contact the National Contact Point in your host country to check if there are funding possibilities available.

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/seal-excellence/funding-opportunities-under-msca_en



Resubmission

Proposals involving the same recruiting organisation (and for Global Postdoctoral Fellowships also the associated partner) and individual researcher



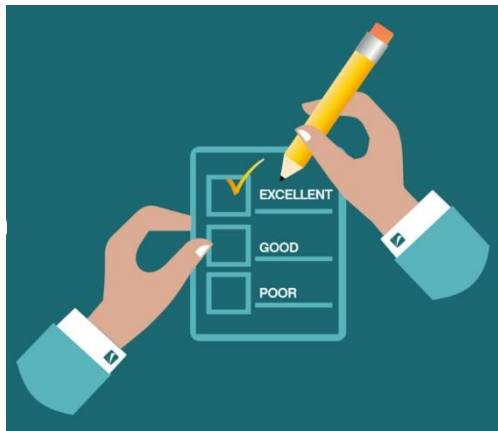
should not be resubmitted the following year





Award criteria

Excellence	Impact	Quality and efficiency of the implementation
50%	30%	20%
Weighting		



considered for funding



Evaluation panels

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.



Distribution of budget

- ↗ European and Global Postdoctoral Fellowships
- ↗ The distribution of respective available funds will be proportional to the number of eligible proposals received in each main evaluation panel.



MSCA Postdoctoral Fellowships	Contributions for the recruited researcher per person-month					Institutional contributions per person-month		unit
	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 ⁵³ x (1/number of months)	EUR 1 000	EUR 650	

Opening & Deadline(s)



	Opening	Deadline
HORIZON-MSCA-PF-2021 MSCA Postdoctoral Fellowships 2021	22 Jun 2021	12 Oct 2021
HORIZON-MSCA-PF-2022 MSCA Postdoctoral Fellowships 2022	13 Apr 2022 12 May 2022	14 Sep 2022

MSCA-PF-2021

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CALL

Postdoctoral Fellowships

Budget:
€242 million

Submitted proposals:
8356

Host organisations in:
46 countries

MSCA
Marie Skłodowska-Curie Actions
Developing talents, advancing research

- Postdoctoral Fellowships - European Fellowships : 7,519 proposals
- Postdoctoral Fellowships - Global Fellowships: 837 proposals



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MSCA Doctoral Networks

Main Objective



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.

- right combination of research-related and transferable competences



Participating organisations



EU Member
State

or

Horizon Europe
Associated
Country

at least 1 of them established
in an EU Member State



Budget

~~40%~~

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.

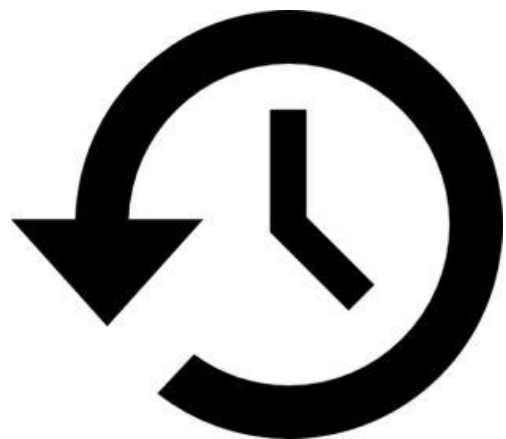
Recruited researchers

- ▣ **doctoral candidates**, i.e. not have been awarded a doctoral degree at the date of the recruitment
- ▣ can be of any nationality and
- ▣ must comply with the **mobility rule**
- ▣ 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.





Mobility rule



- Recruited researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of the recruiting beneficiary for more than 12 months in the 36 months immediately before their recruitment date.



Duration of the action



Action



Fellowship



Training activities



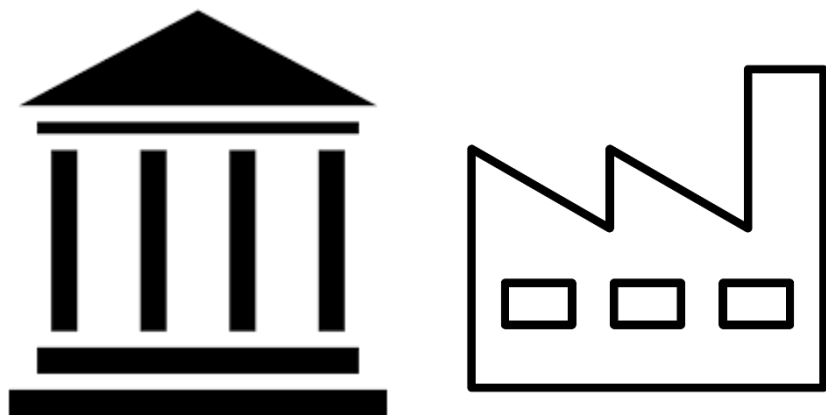
- ❏ MSCA Doctoral Networks should exploit **complementarities** between participating organisations and foster **sharing of knowledge** and **networking** activities for example through the organisation of workshops and conferences.
- ❏ Proposed training activities should respond to well identified needs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

Training activities



- ▣ Doctoral Networks will 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.
- ▣ 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.).

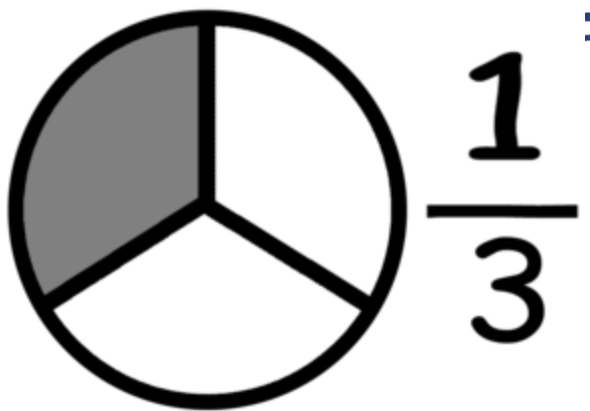
Intersectoral secondments



- ↗ Intersectoral 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.



Secondments



one-third

Secondments are eligible for up to one third of the actual months spent implementing the research training activities under the action



EU contribution

360

person-months



For industrial or
joint doctoral programmes

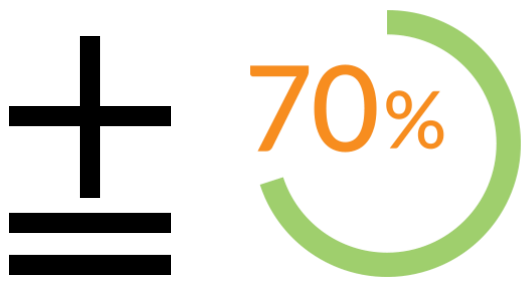
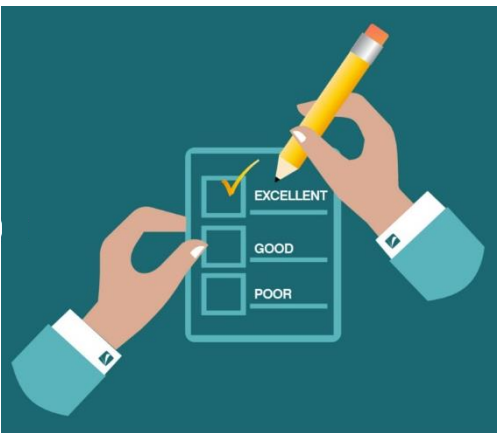
540

person-months



Award criteria

Excellence	Impact	Quality and efficiency of the implementation
50%	30%	20%
Weighting		

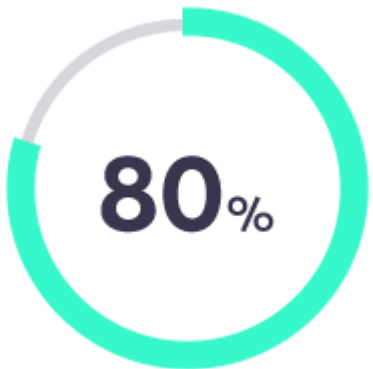


considered for funding



Resubmission

a score of less than



should not be resubmitted the following year





MSCA Doctoral Networks	Contributions for recruited researchers 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 3 400	EUR 600	EUR 660	EUR 4 000 x % covered by the beneficiary	requested unit ⁷² x (1/number of months)	EUR 1 600	EUR 1 200

Opening & Deadline(s)



	Opening	Deadline
HORIZON-MSCA-DN-2021 MSCA Doctoral Networks 2021	22 Jun 2021	16 Nov 2021
HORIZON-MSCA-DN-2022 MSCA Doctoral Networks 2022	03 May 2022 12 May 2022	15 Nov 2022



MSCA-DN-2021

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sources: Unsplash / iStockphoto.com

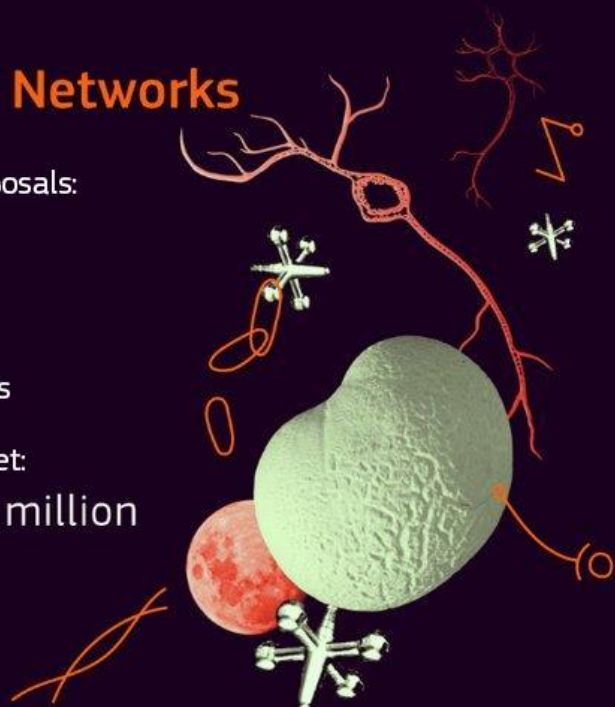
CALL

Doctoral Networks


Submitted proposals:
1077

From:
56 countries

Available budget:
402.95 € million



MSCA
Marie Skłodowska-Curie **Actions**
Developing talents, advancing research



This year's call confirms that the standard [Doctoral Networks \(DN\)](#) is the most popular scheme with 897 proposals submitted, followed by the DN Industrial Doctorates (DN-ID) with 101 proposals, and the DN Joint Doctorates (DN-JD) with 78 proposals.



Evaluation panels

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



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Consigli e suggerimenti per scrivere proposte progettuali



Parts A and B of the Proposal

$$A + B (B1 - B2)$$



Part B

- ↗ Core part of the proposal
- ↗ the **details of the proposed research and training activities**
- ↗ template available on the call page on the Funding & Tenders Portal.



Part B

Part B

- ❏ 1. Part B-1, containing a maximum of A4-sized pages. Any excess pages will not be available to the evaluators;
- ❏ 2. Part B-2, with no strict page limit for A4-sized pages.



Part B-1

- ⌘ **All tables, figures, references** and any other element pertaining to these sections must be included as an integral part of these sections and are thus **counted towards this page limit**.
- ⌘ The page limit for this part of the proposal will be applied automatically; therefore, you must remove these instruction pages before submitting.
- ⌘ **Do not add a cover page or a table of contents.**



Part B-1

- ❏ The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).
- ❏ The reference **font** for the body text of proposals is **Times New Roman (Windows platforms), Times/Times New Roman (Apple platforms) or Nimbus Roman No. 9 L (Linux distributions)**.



Part B-1

- ↗ The minimum font size allowed is **11 points**. Standard character spacing and a minimum of **single line spacing** is to be used.
- ↗ Text elements other than the body text, such as tables, headers, foot/end notes, captions, formulas, etc. may deviate, but must be legible and not be less than 8 points.
- ↗ **Tables are only to be used for illustrating the core text of the proposal;** they cannot be used to contain the core text itself.



Part B-2

- Part B-2, for which you will find a template at the end of this document **does not have a page limit.**
- Part B-2 must be submitted as a separate document



Tables & literature references

- For the tables, the font size chosen must be clearly legible by the expert evaluators. The minimum font size is therefore 9 points. Tables should not be used to circumvent the minimum font size indicated for the main text.
- Literature references should be listed in footnotes**, font size 8. All footnotes will count towards the page limit.



Hyperlinks ?

- ⌘ Please note that the experts will be instructed to **ignore hyperlinks to information** that is specifically designed to expand the proposal, thus circumventing the page limit.



Technical Aspects of Proposal Submission

- ❏ Proposals must be submitted electronically using the European Commission's Online Submission Service accessible via the Funding & Tenders Portal.
- ❏ EC encourage you to submit your proposal as soon as possible. It remains possible to reopen, edit and resubmit your proposal as many times as required before the call deadline; only the last submitted version will be evaluated.
- ❏ Prior to the call deadline, it is strongly advised to re-download parts B-1 and B-2, to ensure the PDF files are correct, complete, and not corrupted.



DEFINITIONS

Deliverable	A report that is sent to the Commission or Agency providing information to ensure effective monitoring of the project. There are different types of deliverables (e.g. a report on specific activities or results, data management plans, ethics or security requirements).
Impacts	<p>Wider long term effects on society (including the environment), the economy and science, enabled by the outcomes of R&I investments (long term). Impacts generally occur some time after the end of the project.</p> <p><i>Example: The deployment of the advanced forecasting system enables each airport to increase maximum passenger capacity by 15% and passenger average throughput by 10%, leading to a 28% reduction in infrastructure expansion costs.</i></p>
Milestone	Control points in the project that help to chart progress. Milestones may correspond to the achievement of a key result, allowing the next phase of the work to begin. They may also be needed at intermediary points so that, if problems have arisen, corrective measures can be taken. A milestone may be a critical decision point in the project where, for example, the consortium must decide which of several technologies to adopt for further development. The achievement of a milestone should be verifiable.



DEFINITIONS

Objectives	The goals of the work performed within the project, in terms of its research and innovation content. This will be translated into the project's results. These may range from tackling specific research questions, demonstrating the feasibility of an innovation, sharing knowledge among stakeholders on specific issues. The nature of the objectives will depend on the type of action, and the scope of the topic.
Outcomes	The expected effects, over the medium term, of projects supported under a given topic. The results of a project should contribute to these outcomes, fostered in particular by the dissemination and exploitation measures. This may include the uptake, diffusion, deployment, and/or use of the project's results by direct target groups. Outcomes generally occur during or shortly after the end of the project. <i>Example: 9 European airports adopt the advanced forecasting system demonstrated during the project.</i>
Pathway to impact	Logical steps towards the achievement of the expected impacts of the project over time, in particular beyond the duration of a project. A pathway begins with the projects' results, to their dissemination, exploitation and communication, contributing to the expected outcomes in the work programme, and ultimately to the wider scientific, economic and societal impacts of the work programme destination.



DEFINITIONS

Research output	Results generated by the action to which access can be given in the form of scientific publications, data or other engineered outcomes and processes such as software, algorithms, protocols and electronic notebooks.
Results	<p>What is generated during the project implementation. This may include, for example, know-how, innovative solutions, algorithms, proof of feasibility, new business models, policy recommendations, guidelines, prototypes, demonstrators, databases and datasets, trained researchers, new infrastructures, networks, etc. Most project results (inventions, scientific works, etc.) are ‘Intellectual Property’, which may, if appropriate, be protected by formal ‘Intellectual Property Rights’.</p> <p><i>Example: Successful large-scale demonstrator: trial with 3 airports of an advanced forecasting system for proactive airport passenger flow management.</i></p>

DEFINITIONS

<p>Artificial Intelligence¹</p>	<p>Artificial intelligence (AI) refers to systems that display intelligent behaviour by analysing their environment and taking actions – with some degree of autonomy – to achieve specific goals.</p> <p>AI-based systems can be purely software-based, acting in the virtual world (e.g. voice assistants, image analysis software, search engines, speech and face recognition systems) or AI can be embedded in hardware devices (e.g. advanced robots, autonomous cars, drones or Internet of Things applications)</p> <p>If you plan to make use of Artificial Intelligence in your project, the evaluators will evaluate the technical robustness of the proposed system under the appropriate criterion</p>
<p>Critical risk</p>	<p>A critical risk is a plausible event or issue that could have a high adverse impact on the ability of the project to achieve its objectives.</p> <p>Level of likelihood to occur (Low/medium/high): The likelihood is the estimated probability that the risk will materialise even after taking account of the mitigating measures put in place.</p> <p>Level of severity (Low/medium/high): The relative seriousness of the risk and the significance of its effect.</p>





MSCA-PF-2022

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 aspects if relevant for the research project, and the quality of open science practices)	Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities	Quality and capacity of the host institutions and participating organisations, including hosting 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		
50%	30%	20%
Weighting		



MSCA-DN-2022

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)	Contribution to structuring doctoral training at the European level and to strengthening European innovation capacity, including the potential for: a) meaningful contribution of the non-academic sector to the doctoral training, as appropriate to the implementation mode and research field b) developing sustainable elements of doctoral programmes	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	
Excellence	Impact	Quality and efficiency of the implementation
50%	30%	20%
Weighting		



EU publication



■ EU publications

Study to support the monitoring and evaluation of the framework programme for research and innovation along key impact pathways

Indicator methodology and metadata handbook

The Indicator Methodology and Metadata Handbook is one of the deliverable of the study to support the monitoring and evaluation of the Framework Programme for research and innovation along Key Impact Pathways – RTD/2019/SC/016 It presents precise definitions & detailed methodology and data sources for each of the Key Impact Pathway indicators. It is based on results of Task 1 which was about specifying and testing a full set of indicators, related methodologies for data collection and analysis, and data sources for each of the nine Key Impact Pathways ensuring data quality and reliability. The estimates for the baselines and benchmarks come from the work performed in Task 3 (linked to the Baseline and Benchmark report), while the methodology and data quality assessment are based on the work performed in Task 2 (linked to the Operationalisation plan for IT systems).



Key Impact Pathways

1. Creating high-quality new knowledge
2. Strengthening human capital in research and innovation
3. Fostering diffusion of knowledge and Open source

Scientific impact

4. Addressing EU policy priorities and global challenges through research and innovation
5. Delivering benefits and impact through research and innovation missions
6. Strengthening the uptake of research and innovation in society

Societal impact

7. Generating innovation-based growth
8. Creating more and better jobs
9. Leveraging investment in research and innovation

Towards technological/economic impact

https://ec.europa.eu/info/research-and-innovation/strategy/support-policy-making/shaping-eu-research-and-innovation-policy/evaluation-impact-assessment-and-monitoring/horizon-europe_en#monitoring-horizon-europe



Ex-aequo Proposals

▣ The priority order for ex-aequo proposals 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 postdoctoral fellows 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, favourable employment and working conditions or relationship to the Horizon Europe objectives in general. These factors will be documented in the panel report.



14. Dissemination and exploitation of research results

Under Horizon Europe, beneficiaries must engage in dissemination and exploitation activities regarding their results.

Dissemination means the public disclosure of the results by appropriate means (other than resulting from protecting or exploiting the results), including by scientific publications in any medium.

Exploitation means the use of results in further research and innovation activities other than those covered by the action concerned, including inter alia, commercial exploitation such as developing, creating, manufacturing and marketing a product or process, creating and providing a service, or in standardisation activities.

Experience shows it is not always easy to meet these goals. As an applicant, it is useful to keep in mind the following:

- At the stage of forming the consortium, before submitting your proposal, attention should already be paid to eventual and expected results, ownership issues and the associated intellectual property rights (IPR) with a view to disseminating and exploiting the results efficiently.
 - The consortium agreement sets the framework for successful project implementation and results exploitation including intellectual property management, and is meant to settle where already possible all issues that might hamper the smooth and seamless cooperation of the different actors for the different parts of the project.

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide_horizon_en.pdf



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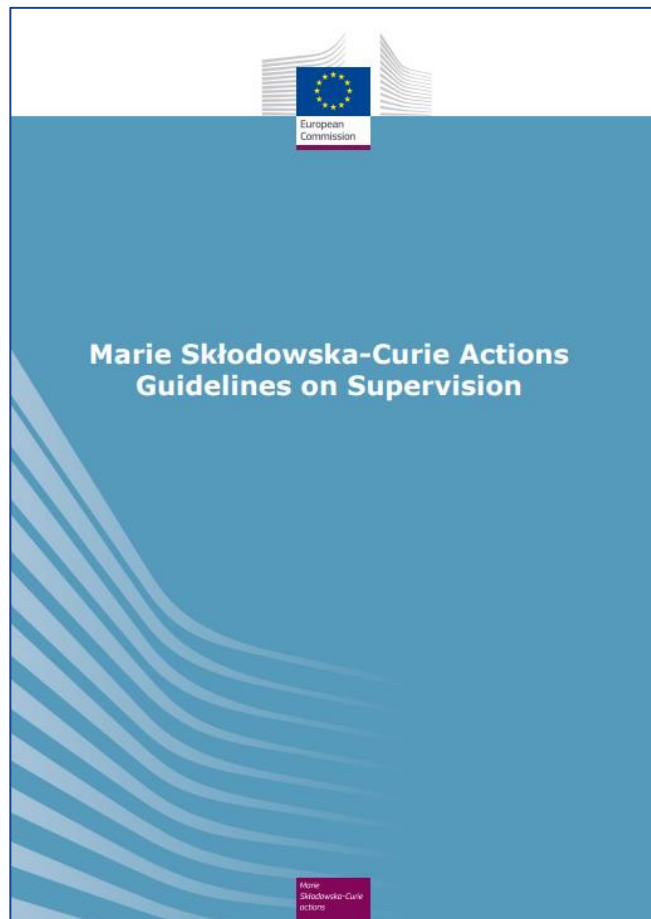


Links

- ↗ [HE Main Work Programme 2021–2022 – 2. Marie Skłodowska-Curie Actions](#)
- ↗ [HE Main Work Programme 2021–2022 – 13. General Annexes](#)
- ↗ [Standard application form \(HE MSCA SE\)](#)
- ↗ [Standard evaluation form \(HE MSCA\)](#)
- ↗ [HE MSCA SE Guide for Applicants](#)
- ↗ [HE MSCA PF Guide for Applicants](#)
- ↗ [HE MSCA DN Guide for Applicants](#)
- ↗ [Standard application form \(HE MSCA DN\)](#)
- ↗ [Standard application form \(HE MSCA PF\)](#)
- ↗ [HE Unit MGA v1.0](#)



MSCA Guidelines on Supervision



<https://marie-sklodowska-curie-actions.ec.europa.eu/about-msca/msca-guidelines-on-supervision>



MSCA Team contacts

msca@apre.it



Angelo D'Agostino

dagostino@apre.it



Marco Ferraro

ferraro@apre.it



Serena Cheren

cheren@apre.it

APRE

Agenzia per la Promozione della Ricerca

Europea

Via Cavour, 71

00184 - Rome

www.apre.it

Tel. (+39) 06-48939993

Fax. (+39) 06-48902550



Email: segreteria@apre.it

Tel. +39 06 48 93 9993

www.apre.it

