

Convocatoria MSCA PF 2022: proyectos posdoctorales

Sesión informativa Murcia, 21 de junio 2022

Cristina Gómez, Representante y Punto Nacional de Contacto MSCA

Contenido



1. Apoyo MSCA en España
2. Aspectos generales de participación MSCA PF 2022
3. Algunos datos de participación PF 2021
4. Aspectos prácticos de preparación de propuestas MSCA PF 2022
5. Datos y enlaces útiles

1. Puntos Nacionales de Contacto MSCA España



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2. Apoyo NCPs MSCA: Horizonte Europa



- Sesiones principalmente **on-line**, aunque poco a poco retomando la **presencialidad**
- Revisión propuestas:
 - ✓ Doctoral Networks
 - ✓ Staff Exchanges
 - ✓ COFUND
- Actividades de apoyo a **nivel de gestión** a proyectos COFUND concedidos

2. General Aspects MSCA



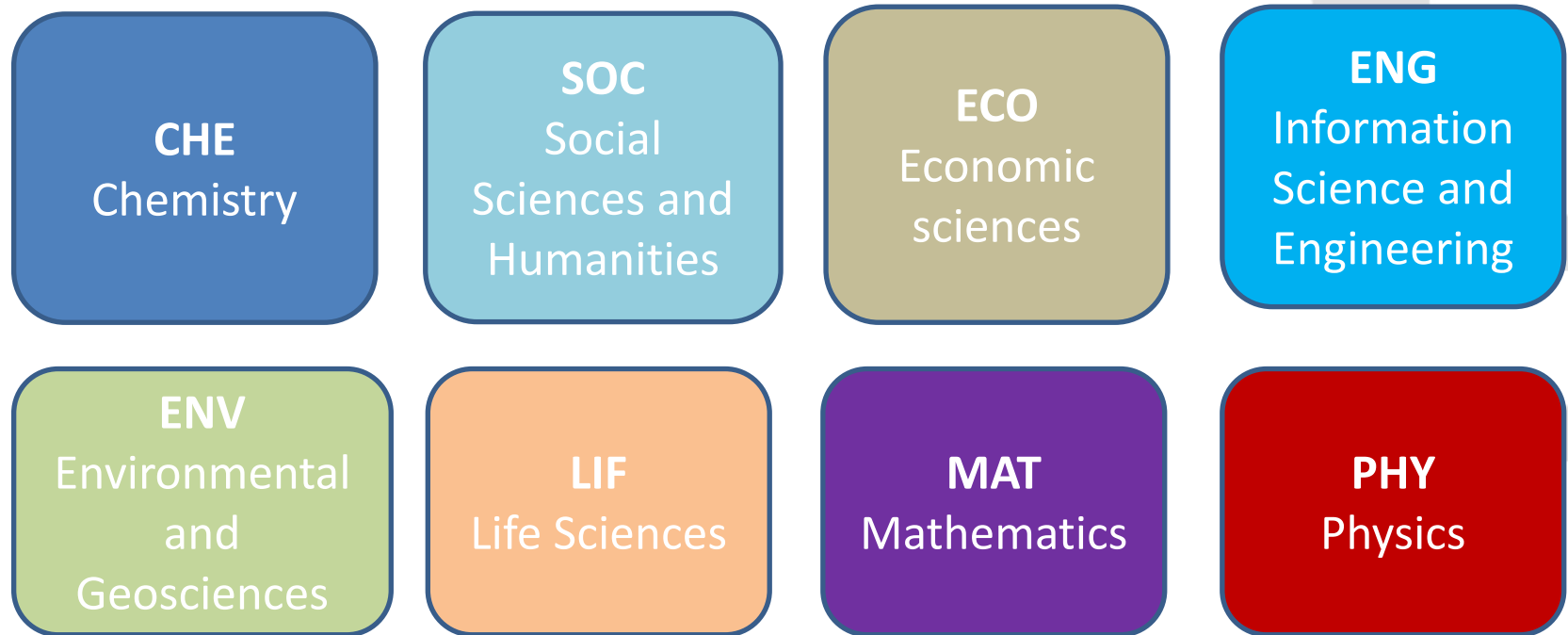
MSCA budget under Horizon Europe: **6,6B€**

2. General Aspects MSCA



- Gender friendly and inclusive
- Focus not only on dissemination, but on public outreach
- Synergies with European Policies, such as Green Deal, bridging ERA and EEA

2. MSCA: general concepts: bottom up approach



+ EURATOM Areas for Postdoctoral Fellowships

2. MSCA: general concepts for institutions

	Beneficiaries	Associated Partners
Academic/Non-academic	✓	✓
Signatories of the Grant Agreement	✓	✗
Recruitment of researchers	✓	✗
Training and/or hosting of seconded researchers	✓	✓
Participation in Supervisory Board	✓	✓
Directly claim costs	✓	✗

Academic sector

- ✓ public or private higher education establishments
- ✓ public or private non-profit research organisations
- ✓ International European Research Organisations



Non-academic sector

- ✓ any socio-economic actor not included in the academic sector

2. MSCA: countries participation

EU Member States (MS)

HE Associated Countries (AC): all countries associated to the Horizon Europe programme through an association agreement.

- **Agreements in place:** Armenia, Bosnia and Herzegovina, Georgia, Iceland, Israel, Kosovo, Moldova, Montenegro, North Macedonia, Norway, Serbia, Turkey
- **In process of association** (transitional arrangement): Albania, Faroe Islands, Morocco, Tunisia, Ukraine, United Kingdom*

Third countries (TC): any other country

* Based on [HE association agreements status](#) as of April 2022

2. MSCA PF 2022: Objectives

Main objectives:

- **Foster excellence** through implementation of research project
- Enhance the **creative and innovation potential** of researchers holding a PhD (training on transferable skills & career development)
- Focus on **I3** (international, inter- sectoral, interdisciplinary) mobility
- Improve **employability** and **career prospects** within academia and beyond
- Bridges and **exposure to the non- academic sector**
- **Career development** of researchers

WHO?

An individual postdoctoral researcher and a host organisation

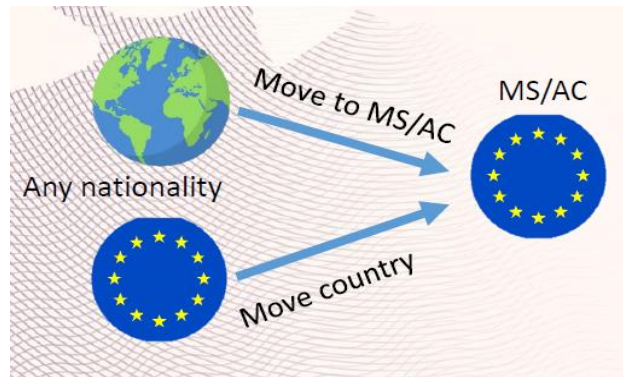
HOW?

An excellent research deployed to the scientific proposal

2. MSCA PF 2022: two options, 257 M€ (+ 1 M€ Euratom)

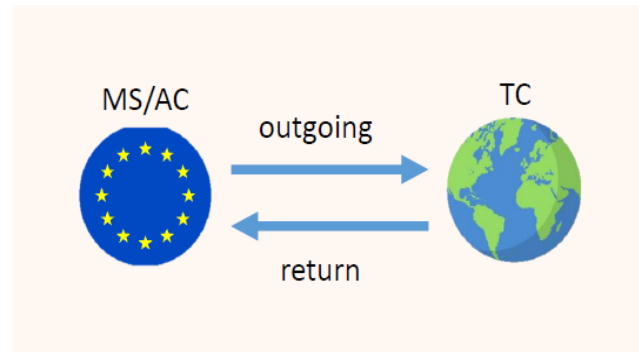
European Postdoctoral Fellowships

12 – 24 months



Global Postdoctoral Fellowships

12-24 months outgoing phase +
12 months return phase



Publication
May 2022

Closing
Sept 2022

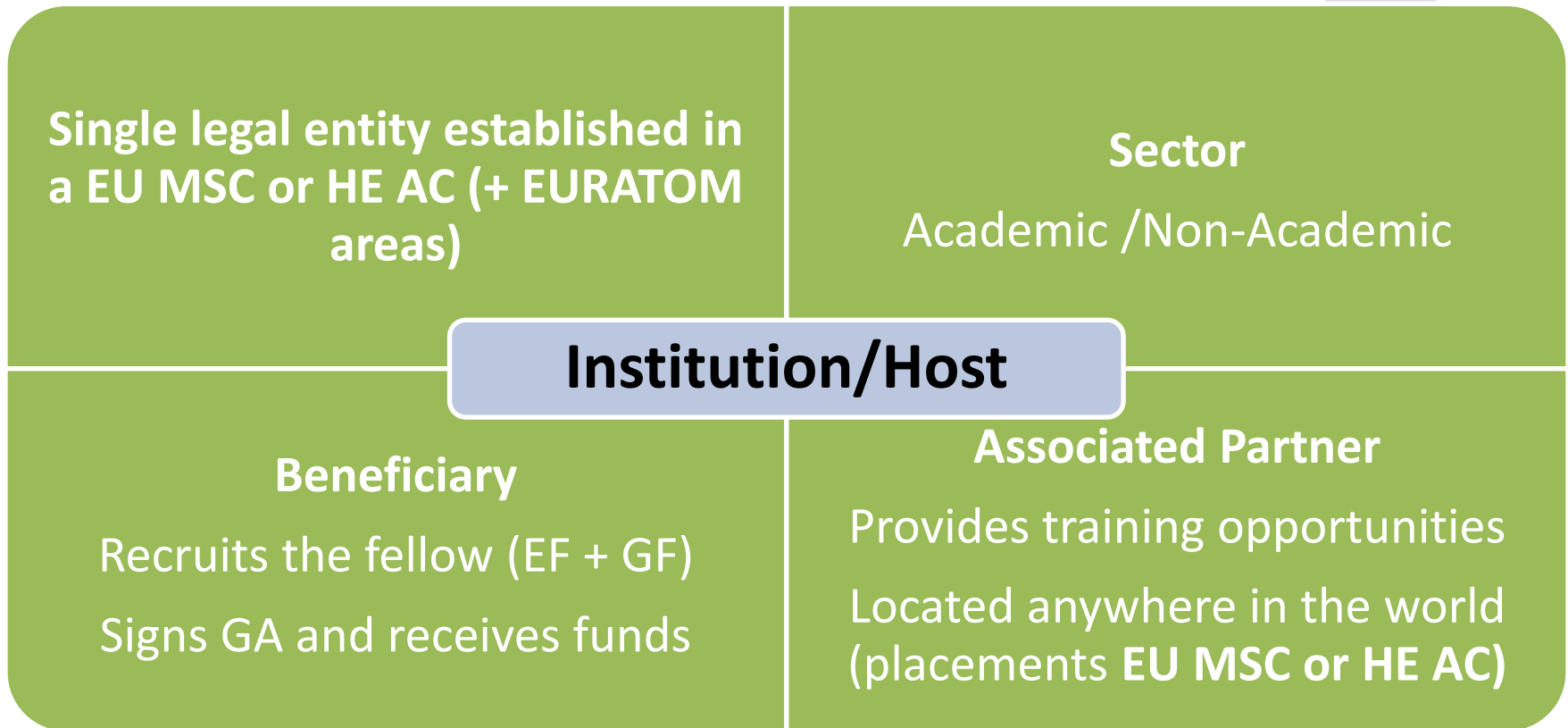
Evaluation
10-12/22

Results
Feb 2023

GA
02-05/23

Prospective Start Date: March 2023 - September 2024

2. MSCA PF 2022: who can apply



Letters of commitment will apply for **Placements (EF)** and **outgoing phases (GF)**

2. MSCA PF 2022: who can apply



Eligibility aspects measured at **call deadline**

2. MSCA PF 2022: Eligibility conditions: 8-years research experience

Exclude time-spent for the following:

- Maternity leave
- Paternity leave
- Long-term sick-leave
- Career break
- Time spent not working in research
- Compulsory national service
- For nationals or long-term residents of MS or AC 1) reintegrating from a third country and 2) applying for a European Fellowship **only**, the time spent doing research in third country can be excluded

All exceptions need to be documented.

How to calculate the 8-years research experience?

- REA Guidelines (MSCA-PF 2022): https://rea.ec.europa.eu/system/files/2022-05/Guidelines_8%20year%20rule_2022.pdf
- REA Self-assessment tool (MSCA-PF 2022): https://rea.ec.europa.eu/funding-and-grants/horizon-europe-marie-sklodowska-curie-actions/horizon-europe-msca-how-apply_en#ecl-inpage-292

2. MSCA PF 2022: European Fellowships

EUROPEAN FELLOWSHIPS

MS/AC



- For fellows coming to or moving within European countries.
- **Panels are discontinued**, new incentives apply
- **EURATOM** areas now included

- **Open to all nationalities**
- **Mobility rule** applies: no more than 12/36 months in the host country prior to 14/09/2022
- **Researchers with PhD and not more than 8 years** of research experience (14/09/2022) can apply
- Exceptions apply (maternity leave, career breaks, time outside of EU ...)
- Project carried out at a **European Beneficiary /Host Institution** (based in a Member State or Associated Country to Horizon Europe)
- Possibility to carry out **secondments worldwide**
- 12-24 months duration
- Possibility to have a **placement** at the **end of the fellowship (+ 6 months)**

2. MSCA PF 2022: Global Fellowships

GLOBAL FELLOWSHIPS

TC
MS/AC



- National or long term residents of EU MS/AC to do a **research in a Third Country**
- Transfer of knowledge, through a **Return Phase to Europe** is mandatory.

- Consists of an **outgoing phase outside of Europe** (Third Country, 12-24 months – Associated Partner) and a **final incoming phase in Europe**, at the host institution (Beneficiary, 12 months)
- Open to EU/AC nationals or long-term residents in Europe
- **Researchers with PhD and not more than 8 years of research experience (14/09/2022) can apply**
- Exceptions apply (maternity leave, career breaks, time outside of EU ...)
- Mobility rule applies in **Third Country** (not more than 12/36 months prior to 14/09/22)
- 24-36 months duration
- Possibility to carry out **secondments** in the **outgoing phase**
- Possibility to have a **placement** at the **end of the fellowship (+ 6 months)**

2. ERA Fellowships 2022

The ERA Fellowships are open for applicants of **any nationality** with a **beneficiary from a Widening Country**.

Budget: €8M

How does it work?

- Global Fellowships are **not eligible**
- Applicants need to **opt in at application stage** (there will be no other opportunity later on)
- A number of excellent applications (i.e. on the reserve list) that cannot be funded by MSCA due to budget constraints will be offered an ERA Fellowship

Which countries are concerned?

Member States: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia, Slovenia and outermost regions - Guadeloupe, French Guiana, Réunion, Martinique, Mayotte and Saint-Martin (France), and the Canary Islands (Spain).

Associated Countries: Armenia, Bosnia and Herzegovina, North Macedonia, Georgia, Moldova, Montenegro, Serbia and Turkey and in process of association: Albania, Faroe Islands, Tunisia, Ukraine

2. MSCA PF 2022: Resubmission restrictions

New eligibility condition: Resubmissions

- As of 2021, new eligibility condition related to resubmissions.
- From 2022, resubmissions will not be allowed for proposals that have scored less than 70% in the previous call

What is a resubmission?

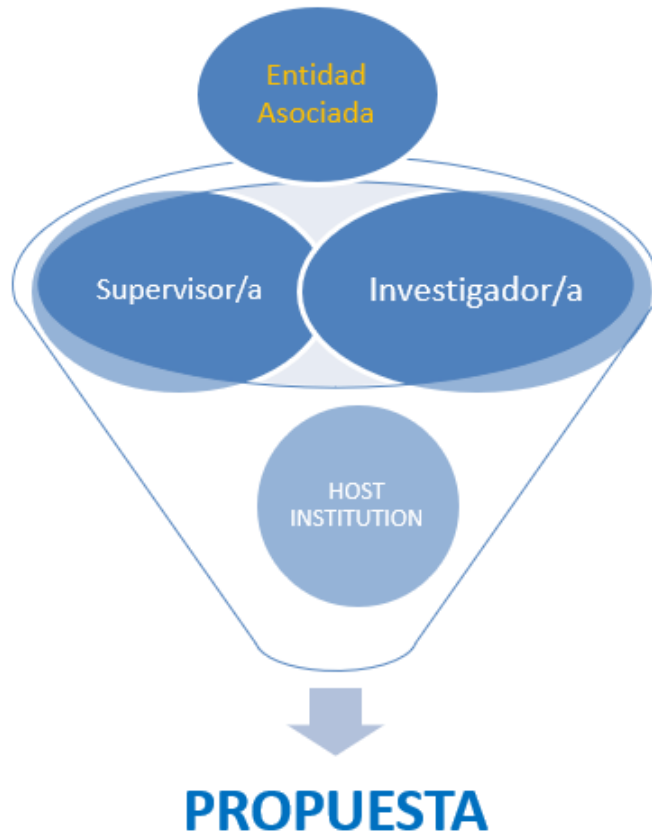
Proposals involving :

- Same individual researcher
- With the same recruiting organisation (beneficiary)
- And for Global Postdoctoral Fellowships, the associated partner hosting the outgoing phase in the third country



Confirm Form Resubmission

2. MSCA PF 2022: How does it work?



More than Just a Research Project

- Developing research skills (core skills related to your project and skills to advance your competencies)
- Developing transferable and complementation skills
- Knowledge exchange between the researcher, the institutions involved and the supervisor
- Training through research

A Joint Approach

- The best proposals have input from the researcher, the supervisor and the host institution
- The Supervisor has a key role in the proposal
- Make sure you know who to include for support
- Make sure you work closely with colleagues to set expectations and avoid surprises!
- Consider the needs of the researcher as well as the project

2. MSCA PF 2022: secondments, placements

	SECONDMENT		NON-ACADEMIC PLACEMENT
Maximum Duration	EF: Up to 1/3 of the normal project duration	GF: Up to 1/3 of the duration of the outgoing phase	Up to 6 months duration
Timing	EF: At any time during the during the standard project duration	GF: <ul style="list-style-type: none">up to 3 months possible at the start of the outgoing phase, to be included within the 1/3 max. duration.not allowed during the mandatory 12 month return phase	Additional period after the standard duration of the fellowship
	Can be divided in several smaller periods		
Mobility	Any country worldwide		EU Member State or Horizon Europe Associated Country
Sector	Any sector		Non-academic sector only
Encoding in Part A	Not encoded as a participating organisation (associated partner). Tick the box and indicate the number of months. Section 5		Encoded as a participating organisation (associated partner).
Description in part B1	Yes. Secondments should be described in part B1 and the evaluators will assess their relevance and quality in the respective criterion.		Yes. Non-academic placements should be described in part B1 and the evaluators will assess their relevance and quality in the respective criterion.

Not obligatory, must be well defined in the project
// Supervisors are needed in both cases

2. MSCA PF 2022: UNIT COSTS

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 5 080	EUR 600	EUR 660	EUR 5 680 x % covered by the beneficiary	Requested unit x (1/number of months)	EUR 1 000	EUR 650

- Budget pre- calculated by EC, base on unit costs
- 100% financing



Be in contact with host institution,
ensure NO surprises

2.MSCA HEU: Allowances novelties

A **living allowance** to cover personnel costs for the employment of researchers with full social security coverage

A **mobility allowance** to cover additional, private mobility-related costs, e.g. travel and accommodation costs.

NEW

A **family allowance** to contribute to mobility-related costs of researchers with family obligations which can be granted during the project (increased from 500 to 660€).

A **long-term leave allowance** to cover personnel costs incurred by the beneficiaries in case of the researchers' leave, including maternity, paternity, parental, sick or special leave, during the project life-time.

NEW

A **special needs allowance** to contribute to the additional costs for the acquisition of special needs items and services for researchers with disabilities, e.g. assistance by third persons, adaptation of work environment, additional travel/transportation costs, up to 60.000€/researcher during the project life-time.

NEW

2.MSCA PF 2022: EF Example

MSCA	Researcher Unit Cost (person/month)			Institutional Unit Cost (P/M)	
	Living Allowance*	Mobility Allowance	Family Allowance	Research, training and networking	Management and overheads
IF	5.080	600	660	1.000	650
IF ES	4.638,04	600	660	1.000	650
IF 24 months ES	111.312,96	14.400	15.840	24.000	15.600
TOTAL IF 2 years	181.152,96€				

RESEARCHER UNIT COST

Living Allowance:

- CCC: country correction factor applies (host country) **91,3**
- Gross EU contribution living allowance (- cuota patronal, - taxes, - S.S...) before taxes!

INSTITUCIONAL UNIT COST

Research, training and networking costs:

- Purchase of material, organisation and travel to events, payment of conferences fees, etc.

Management and overheads:

- Indirect costs for institutions

2.MSCA PF 2022: GF Example

3 - Budget

Is the Researcher eligible for family allowance?*



Yes



No

Duration of outgoing phase (12 to 24 months) *	Country in which outgoing phase will take place *	Associated Partner for the Compulsory Outgoing Phase *
24	United States	AMNH

Country in which return phase will take place
Spain

Non-academic placement duration (1 to 6 months) *	Country in which non-academic placement will take place *	Associated Partner for Optional non-academic placement *
3	Spain	EFFECTIA INNOVATION SOLUTIONS SL

	Country Coefficient	Number of Months	Contributions for recruited researchers			Institutional contributions		Total
			Living Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and indirect costs	
Outgoing phase	1.023	24	124724.15	14400.00	15840.00	24000.00	15600.00	194564.15
Return phase	0.913	12	55656.48	7200.00	7920.00	12000.00	7800.00	90576.48
Placement in non-academic sector	0.913	3	13914.12	1800.00	1980.00	3000.00	1950.00	22644.12
Total			194294.75	23400.00	25740.00	39000.00	25350.00	307784.75



3. Statistics 2021

PF 2021 call

Call closure results

8 356 proposals received

- 7521 European Fellowships
- 835 Global Fellowships

Comparison to 2020 call:

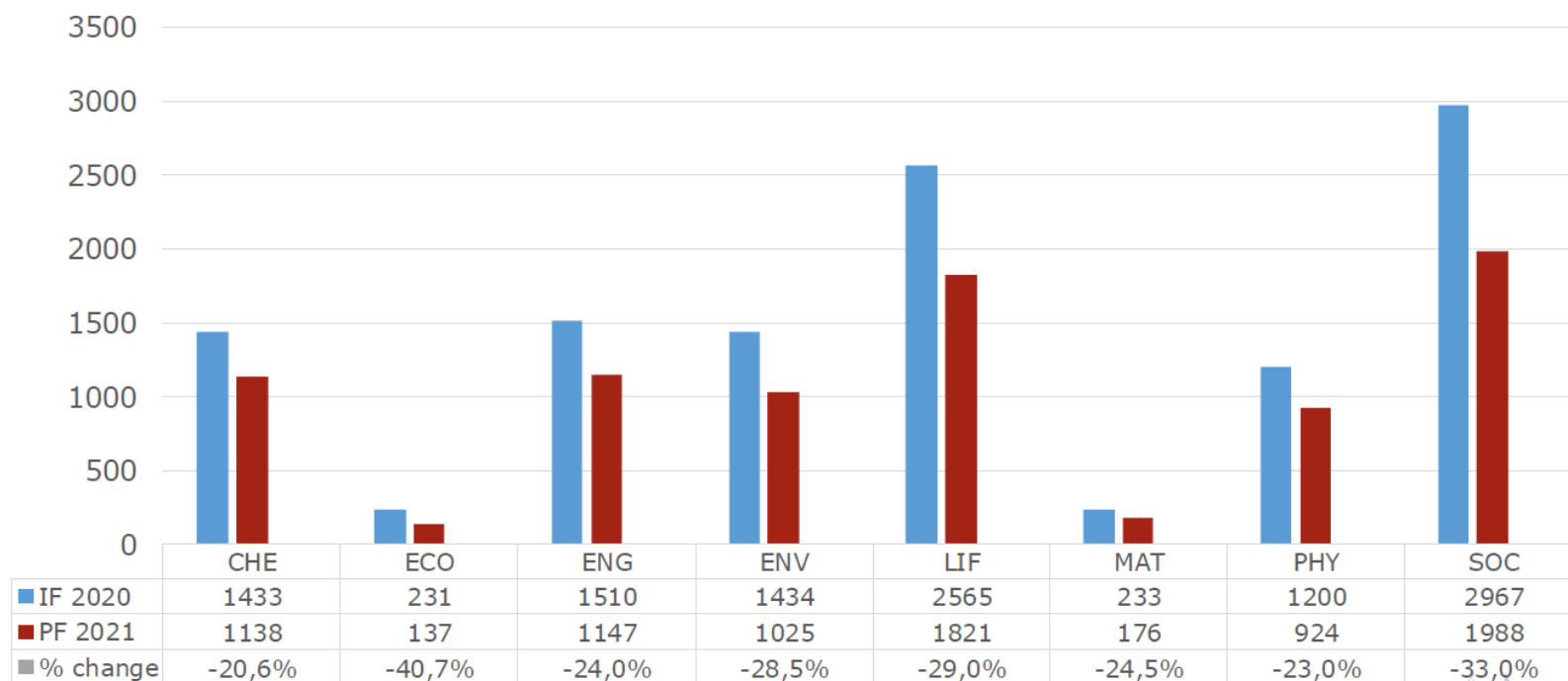
2 proposals submitted to GF were transferred to EF because ineligible for source topic but eligible for destination topic

Call	European	Global
IF-2020	10576	997
PF-2021	7521	835
Difference	-28,88%	-16,24%

3. Statistics 2021

PF 2021 call

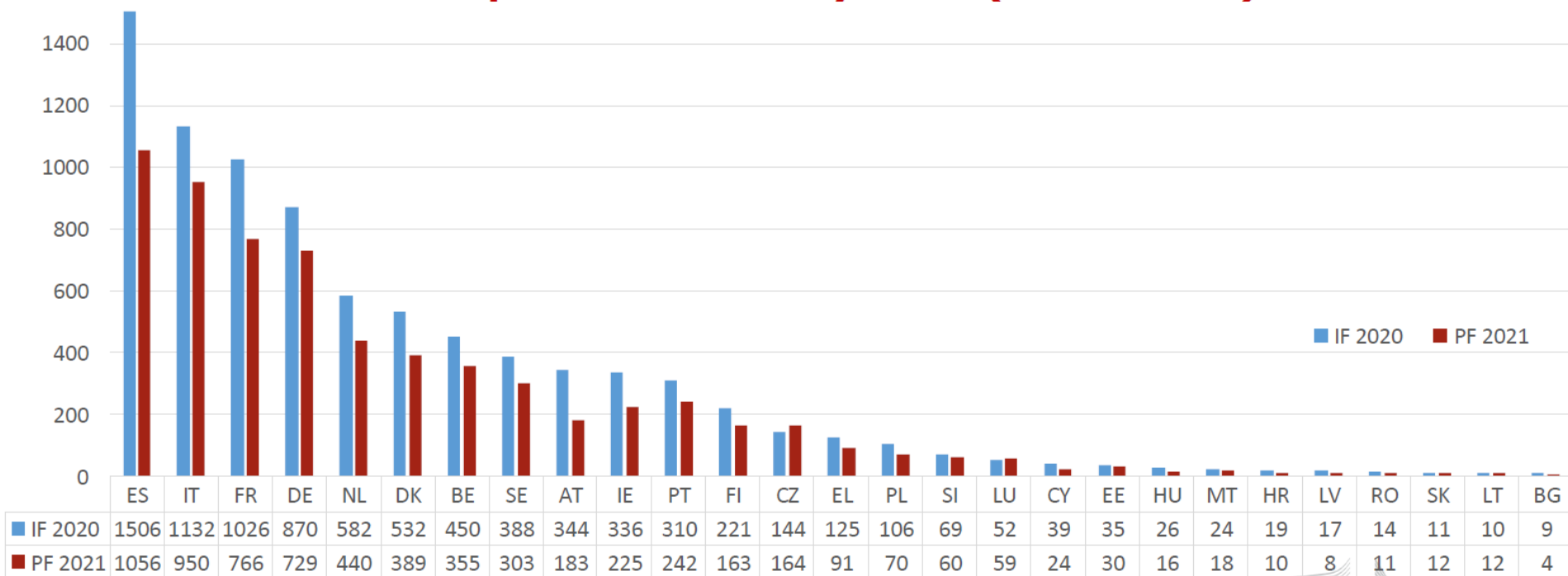
PF 2021 Submission per panel (vs IF 2020)



3. Statistics 2021

PF 2021 call

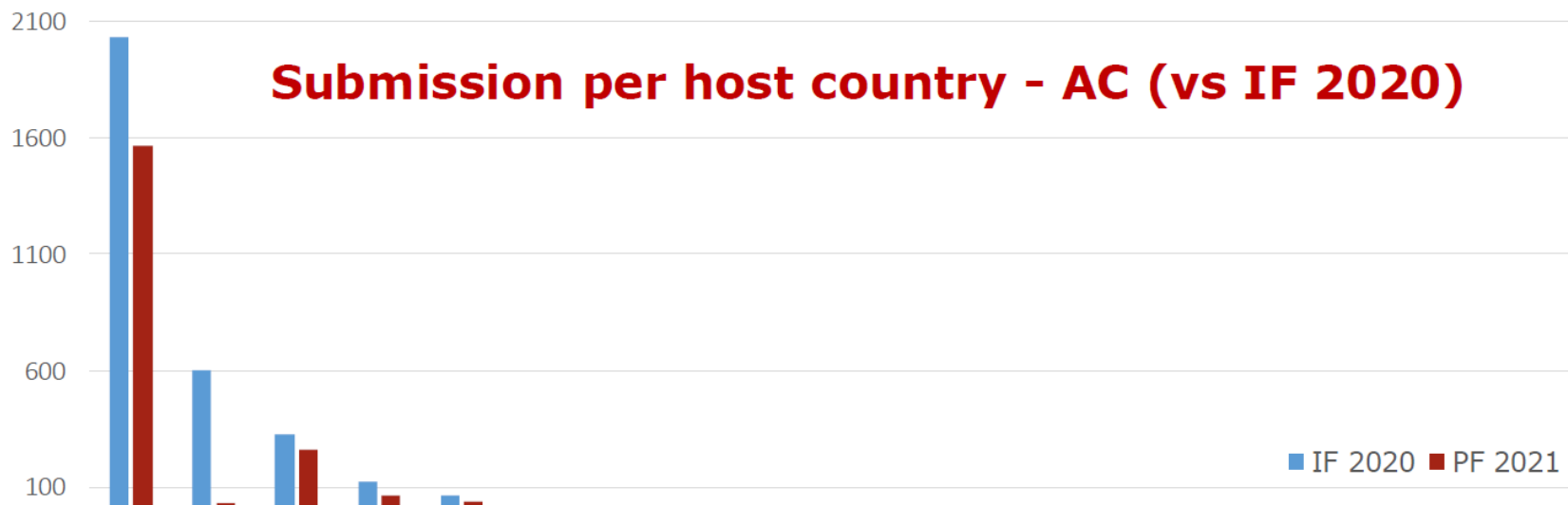
Submission per host country - MS (vs IF 2020)



3. Statistics 2021

PF 2021 call

Submission per host country - AC (vs IF 2020)

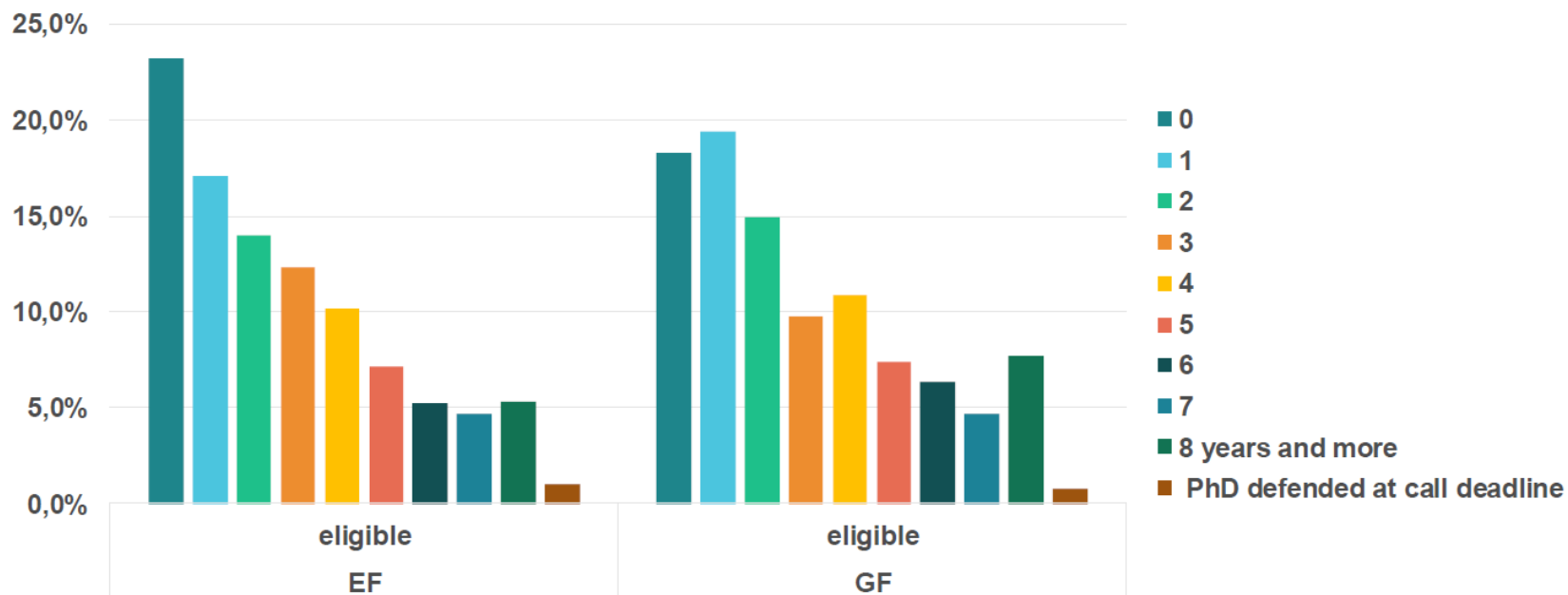


	UK	CH	NO	TR	IL	IS	GE	RS	FO	UA	AM	BA	AL	TN	MD	ME	MK	XK
■ IF 2020	2034	603	321	121	62	8	5	4	4	3	2	2	1	0	0	0	0	0
■ PF 2021	1567	27	256	61	34	3	1	5	0	0	1	0	0	1	0	0	0	0

3. Statistics 2021

PF 2021 call

Scientific Age of Researchers



3. Statistics 2021

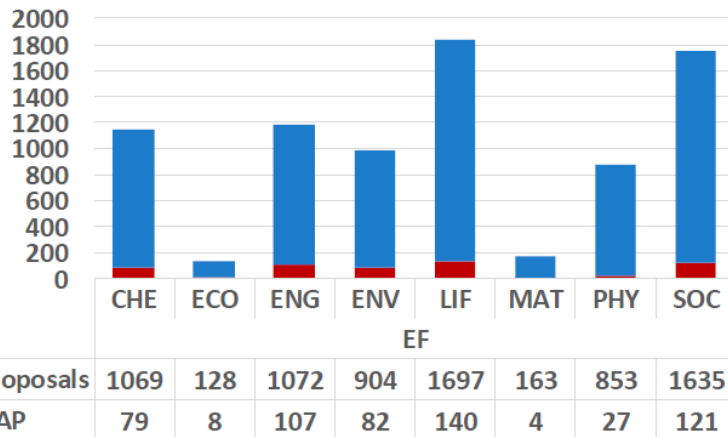
PF 2021 call

Non-academic Placement (per type of action & panel)

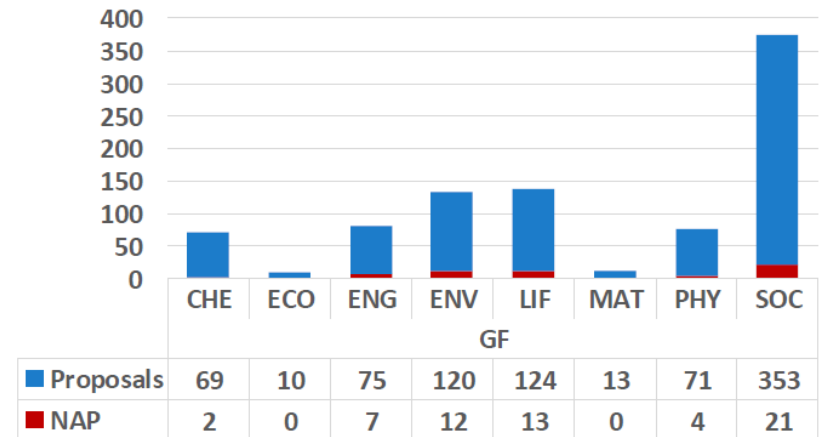
627 proposals requested a non-academic placement (7.50% of total)

- 568 European Fellowships (7.55%)
- 59 Global Fellowships (6.70%)

EF



GF



Note the difference in scale between the two paragraphs

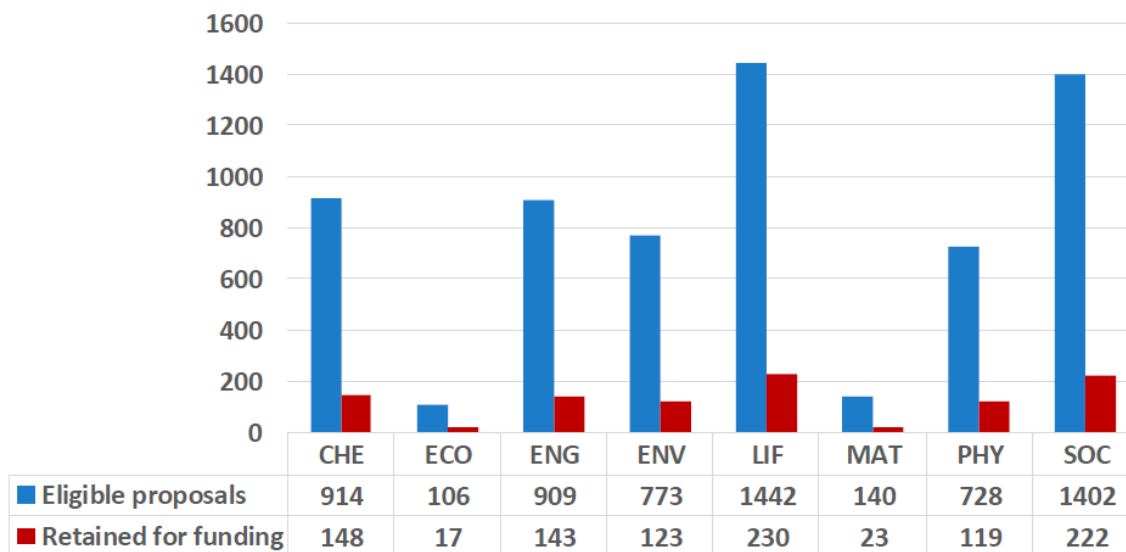
3. Statistics 2021

PF 2021 call

Proposals retained for funding - EF

Action	Eligible proposals	Main list
PF-EF	7439	1025
Grand total	8247	1156

Panel	Success rate EF
CHE	13,94%
ECO	13,82%
ENG	13,59%
ENV	13,73%
LIF	13,76%
MAT	14,11%
PHY	14,05%
SOC	13,67%
Grand Total	13,78%



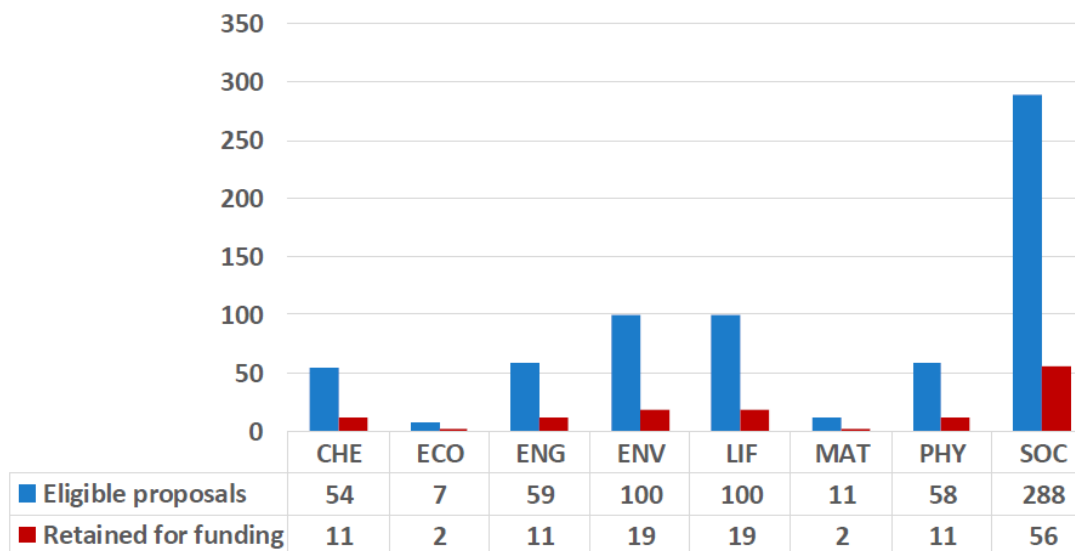
3. Statistics 2021

PF 2021 call

Proposals retained for funding - GF

Action	Eligible proposals	Main list
PF-GF	808	131
Grand total	8247	1156

Panel	Success rate GF
CHE	16,92%
ECO	22,22%
ENG	15,71%
ENV	15,97%
LIF	15,97%
MAT	15,38%
PHY	15,94%
SOC	16,28%
Grand Total	16,21%



3. Statistics 2021

Notas de corte MSCA PF 2021

PF-EF			PF-GF		
PANEL	CUT-OFF	Nº FUNDED PROJECTS	PANEL	CUT-OFF	Nº FUNDED PROJECTS
CHE	92,8	148	CHE	92	11
ECO	92	17	ECO	83,8	2
ENG	92,8	143	ENG	95	11
ENV	93,6	123	ENV	95,8	19
LIF	94,4	230	LIF	95,8	19
MAT	92,4	23	MAT	92	2
PHY	92,2	119	PHY	94,2	11
SOC	93,6	222	SOC	92,8	56
		1025			131

3. Statistics 2021

PF 2021 call

Some conclusions

- **Panel with the highest number of retained proposals:** SOC
- SOC and LIF panels - almost half of all funded proposals (45.6%), followed by CHE and ENG (13%).
- **Differences across types of action:**
 - ✓ For **EF**, SOC and LIF - similar numbers in terms of funded proposals (19.2-19.8%)
 - ✓ For **GF**, SOC - the biggest ranking list (42.8%), followed by ENV and LIF, both 13%.
- Funded proposals including **NAPs**: 64 proposals (53 in EF, 11 in GF).
- **Top 5 countries for outgoing phase** of funded GF: US (79), CH (14), CA (13), AU (9), BR (2) – *different from IF-2020 (US, CA, AU, JP, NZ)*
- **Most successful host countries** (ratio of funded/submitted proposals): SK (25%), DK (19.8%), AT (16.4%), DE (15.8%), NL (15.4%)
- **Top 5 nationalities of researchers** for funded proposals: Italy (161), Spain (123), India (78), China (68), Germany (64)

4. Parts of the proposal

Part A Administrative

Application forms

[Table Of Contents](#) [Validate Form](#) [Save](#) [Save&Close](#)

Call:

()

Topic:

Type of Action:

()

Proposal number:

Proposal acronym:

Type of Model Grant Agreement:

[Table of contents](#)

Section	Title	Action
1	General information	Show
2	Participants	Show
3	Budget	Show
4	Ethics and security	Show
5	Other questions	Show

Part B Scientific-technical

B1 (10 pages)

Sections

- Excellence
- Impact
- Implementation

B2

- CV researcher
- Institutional tables
- Ethics
- Security screening
- Commitment letter

4. MSCA PF 2022: Evaluation Procedure

- **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

4. MSCA PF 2022: Criteria and Scores

Criteria	Weight	Priority (ex.aequo)
Excellence	50%	1
Impact	30%	2
Implementation	20%	3

The priority order for **ex-aequo proposals** will be established as follows:

- Score awarded for the criterion 'Excellence'
- In case of equality, scores awarded for the criterion 'Impact'
- If necessary, the gender balance among PF fellows
- 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*
 - *relationship to the Horizon Europe objectives, in general.*

4. MSCA PF 2022: Evaluation Procedure

- Proposals will be evaluated by one of the eight main evaluation panels:

CHE Chemistry	SOC Social Sciences and Humanities	ECO Economic Sciences	ENG Information Science and Engineering	ENV Environmental and Geosciences	LIF Life Sciences	MAT Mathematics	PHY Physics
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- Each panel will establish two ranked lists, one for European and one for Global Postdoctoral Fellowships
- 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. MSCA PF 2022: Evaluation form

IMPORTANT NOTICE

Scoring:

Scoring must be in the range from 0-5. Half-marks may be given.

- 0 — The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.
- 1 — Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.
- 2 — Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.
- 3 — Good. The proposal addresses the criterion well, but a number of shortcomings are present.
- 4 — Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.
- 5 — Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Thresholds & weighting:

The threshold for the individual criteria is 3. The overall threshold, applying to the sum of the 3 individual scores, is 10 points.

Weighting is only for the ranking (not to determine if the proposal passed the thresholds).

⚠ Specific calls or topics may have different rules regarding thresholds and weighting.

Specific cases:

Two-stage calls

For stage 1 proposals, only the criteria Excellence and Impact will be evaluated and within those criteria only the aspects indicated in bold in General Annex of the Main Work Programme. The threshold for each of the two individual criteria is 4.


After the evaluation, the call coordinator will then fix an overall threshold, to limit the proposals that will be invited to stage 2. (This overall threshold will be set at a level which ensures that the total requested budget of proposals admitted to stage 2 is as close as possible to three times the available budget, and in any case, not less than 2.5 the available budget. The actual level will therefore depend on the volume of proposals received. The threshold is expected to normally be around 8 or 8.5.)

[ef_he-msca_en.pdf \(europa.eu\)](#)

4. MSCA PF 2022: Evaluation Procedure



 European Commission | Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)

 SEARCH FUNDING & TENDERS ▾ HOW TO PARTICIPATE ▾ PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT ▾

The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.

[Work as an expert \(europa.eu\)](https://europa.eu)

4. Award Criteria

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%

4. MSCA PF 2022: EXCELLENCE

Excellent research projects



- Is this project different and innovative?
- General overview and specific scientific objectives
- Interdisciplinary aspects, gender dimension
- Open methodology



[Open Innovation, Open Science, Open to the World](#)

European Commission



[Understanding gender dimension in MSCA Projects](#)

EU Science and Innovation

4. MSCA PF 2021: WEAKNESS EXCELLENCE

1.1

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)

- The **novelty of the proposal** is somewhat **reduced** by the **earlier work of the host group** with closely related systems, as the main ideas have already been published by the host group.
- The extent to which the proposal goes **beyond the state of the art is not clear**. The innovative value of the project is average.
- Description of the **state-of-the-art is limited to technical problems and description of new products** which appeared in the market. The research aspects are outlined but are not sufficiently detailed.
- The **state-of-the-art is not sufficiently presented**, and therefore the **innovation objectives of the proposal can not be well determined**.
- The review of the state-of-the-art is not fully comprehensive and provides a limited view of the current development in the field.
- The **proposal is overambitious** and the progress with respect of the state of the art is not clearly demonstrated, considering in particular the state of play in the field
- The research objectives are explorative and the **results are difficult to measure and verify**.
- The proposal presents in an **insufficient manner the means to reach the objectives** and how to measure and verify them.
- A significant **degree of innovation with respect to similar previous studies is not convincingly demonstrated**. New ideas that could lead to a significant breakthrough cannot be clearly recognised.
- The planned **activities, specific objectives, and benefits** of the **secondment** to the researcher and host institution **are not explained** in sufficient detail.

4. MSCA PF 2021: WEAKNESS EXCELLENCE

1.2 Soundness of the proposed methodology (including interdisciplinary approaches)

- Regarding the foreseen **methodology the proposal is lacking relevant details** concerning the preparation and characterization of the XXXXXXX.
- The **interdisciplinary character** of the proposal is **insufficiently described** and structured.
- The proposal is **not sufficiently convincing** on several **methodological points**:
 - 1) there is an insufficient justification for these three cases. **Insufficient information is provided** about important research design decisions. XXXXX, XXXXX, and XXXXX are presented as cases, without providing adequate justification for case selection;
 - 2) there is **insufficient detail on how the survey experiments would be executed** (expected effect sizes, statistical power, and possible interaction effects);
 - 3) **how the word embeddings approach to text analysis** can identify and reveal group bias/identity salience.
- There is **little detail on literature, archives, or datasets to be used**. The explanation of how human participants will be approached (how, when, who, etc.) is insufficient.
- The description of **methodology is vague and general**, thus not going sufficiently into specific details.
- The **interdisciplinary nature of the proposal is limited**: multiple techniques are used, but most of them are common tools in the field of XXXXXXXXX.
- There is an **insufficient elaboration of how different interdisciplinary methods** will be brought together.
- The proposal **lacks clear presentation** of the **interdisciplinary relevance of the proposal**.
- The **interdisciplinary approach** of the research and respective challenges are **not clearly defined** in the proposal.

4. MSCA PF 2021: WEAKNESS EXCELLENCE

1.2 Gender dimension and other diversity aspects:

- **Gender and generational dimensions are defined** as elements to be investigated, **but** the proposal **fails** to adequately specify **how these two dimensions would be analysed**.
- The **integration of gender and identity** issues in the **planned research activities is not sufficiently detailed** to be convincing. **References to gender theories** and to case studies that may be **relevant for the analysis of diversity questions** are **not adequately included in the proposal**.
- Although the gender dimension is an integral part of the work, the **proposal does not sufficiently explain how gender differences will be considered and analyzed**.
- The gender aspects discussed in the proposal are not relevant, as the **discussion is mainly based on gender-balance within the team, rather than** being related to the research.
- The gender dimension of the project is **addressed in an unconvincing way**.
- The gender dimension is only **briefly mentioned** in the context of **sampling design**.
- Although considering the gender dimension in one of the tasks, the proposal **does not** convincingly **address gender aspects that are particularly relevant to the proposal's general objective** (i.e. gender gaps in unemployment rates, but also different gender behaviour throughout the business cycle).
- Gender aspects are not sufficiently motivated: **they are restricted to the analysis of the impact of gender status**.
- Potential gender and diversity aspects relating to the proposed research activities are not clearly defined in the proposal. The proposal **does not clearly explain how gender aspects in medical applications will be considered**.
- **Although the proposal appears gender neutral, a gender dimension is claimed, but not satisfactorily justified**.

MSCA PF 2022: evaluation criteria: EXCELLENCE

Excellent training and career development projects

Supervision

- Relevant experience of supervisors
- Role played in the Career Development Plan



Training

- Scientific and transversal skills
- Secondments: interdisciplinarity, intersectoriality

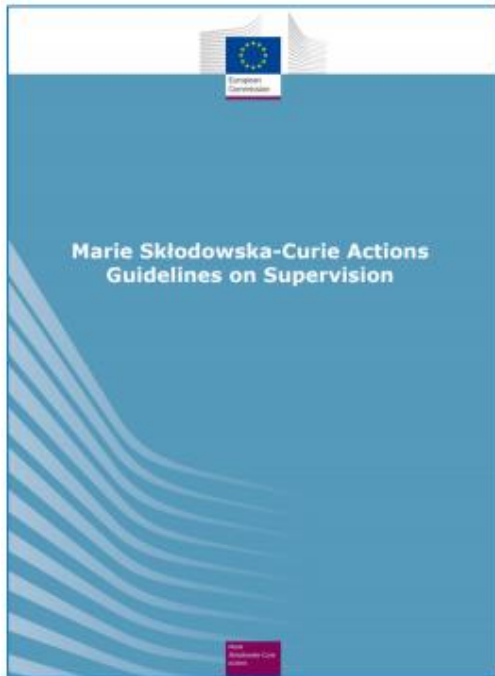
Transfer of knowledge / Mutual learning

- What does the researcher transfer to the institution (viceversa)
- How is the transfer done

MSCA Guidelines for supervision

MSCA PF 2022: evaluation criteria: EXCELLENCE

Guidelines on supervision



- Appropriate level of supervision depends on the career stage of both parties and the expectations of the project
- Supervisors need to be committed and involved for the full duration of the fellowship
- Make sure the supervisor is on board with the career development plans

[Marie Skłodowska-Curie actions guidelines on supervision - Publications Office of the EU \(europa.eu\)](https://publications.office.europa.eu/)

4. MSCA PF 2021: WEAKNESS EXCELLENCE

1.3

Quality of the **supervision**, training and of the two-way transfer of knowledge between the researcher and the host

- The **supervisor's experience in the guidance** and further career development of young researchers is not credibly delineated.
- Planned **meetings between the researcher and the supervisor are not clearly described** for the two-way transfer of knowledge.
- The **scientific background of the supervisor** is inadequately described. (COMPANY)
- The supervisor has extensive experience in their field, but their qualifications for this specific research are not substantiated. Also their **expertise with regard to supervising** on postdoc level is **not sufficiently explained**.
- **Members of permanent staff** at the host institution, other than the main supervisor, who could provide additional support to the proposal when necessary, are **not sufficiently clearly described**.
- The **qualifications of the supervisor for the secondment** period are presented with limited detail.
- The **supervisor's expertise in the topic** of the proposal is **not** fully supported by an **adequate track record of publications**.
- The supervisor's **track record regarding supervision** and training of graduates and postgraduates was not clearly demonstrated.

4. MSCA PF 2021: WEAKNESS EXCELLENCE

1.3

Quality of the supervision, **training** and of the two-way transfer of knowledge between the researcher and the host

- The **training plan is superficially** described and lacks concrete measures.
- The **planned activities** in terms of **newly acquired experimental skills** by the researcher is **not** sufficiently **described**.
- **Training** activities for the researcher are **limited to standard training** through the research. **Other aspects** of training (management, horizontal and key transferrable skills) are **not** sufficiently **discussed**.
- The planned training activities **do not include fundamental training** in XXXXXX which the researcher does not have sufficiently demonstrated experience in.
- The proposal **lacks** a clear **identification of training opportunities on non-specialist skills**.
- The **training segment** of the proposal is **underdeveloped**, revealing insufficient information regarding seminars, courses, and international meetings to be attended.
- **Training in skills** such as **project management** and research proposals' preparation is **insufficiently documented**.
- The proposal **insufficiently covers training activities** for the development of the researcher's management, horizontal and transferable skills
- **Technical training at secondment** is **insufficiently described**.

4. MSCA PF 2021: WEAKNESS EXCELLENCE

- ## 1.3
- Quality of the supervision, training and of the **two-way transfer of knowledge** between the researcher and the host
- The **transfer of knowledge** from the researcher to the host is **insufficiently explained** and their **expertise overlap to a large extend**.
 - The **transfer of knowledge** from the **host institution to the researcher** is not convincingly elaborated.
 - The two-way transfer of knowledge is insufficiently addressed in the proposal, and therefore it is **unclear** whether there will be an **effective gain by both parties** from this interaction.
 - Relatively **little attention** is given to the transfer from the **researcher to host institution**. There is limited indication on **what new knowledge the researcher would bring to the host institution**.
 - The complementary research skills that will form the basis for the two-way transfer of knowledge between the host institution and the researcher are not demonstrated convincingly in the proposal. In this regard, the **researcher claims they will bring expertise in XXXXXX technology**, which however, is **already embedded** in the **host group**. Overall, the researcher and host institution have **very similar rather than complementary competencies**.
 - The **novelty of skills offered by the researcher** to the host institution is **not** sufficiently **explained**.

MSCA PF 2022: PUNTOS CLAVE EXCELENCIA

- Proyecto novedoso, realista en sus objetivos y con un estado del arte actualizado.
- Metodología adecuada e inclusión de otras disciplinas
- Aspectos de género y Diversidad. Descripción del valor añadido al proyecto.
- Open Science y la Gestión de los Datos presente en la propuesta.
- El Supervisor y su rol en el proyecto. Guía MSCA de Supervisión!
 - Integración del fellow // Monitorización del fellow y proyecto // Desarrollo de Carrera
- La formación en detalle durante el proyecto tanto Científica como Transversal. Enlace con las perspectivas de carrera y la empleabilidad del investigador/a
- La transferencia de conocimiento. Importante que no haya mucho solapamiento entre supervisor / fellow / Departamento. Remarcar el aporte del fellow.
- Alineamiento entre el perfil del fellow y lo ambicioso del proyecto.

MSCA PF 2022: evaluation criteria

Projects with impact



Professional career perspectives

- Prospective exercise (in all sectors)
- Skills gained (collaborations, networks, leadership aspects, etc ..)



Maximise results and effects

- Adequation of channels and activities to the different targets (society, end users, scientific community, etc.)
- Ensure exploitation of results (if applicable)



Expected impacts

- Impact in the European Research Area (ERA)
- Take into account public policies, important EU initiatives
- KPI, measurement and indicators

4. MSCA PF 2021: WEAKNESS IMPACT

2.1 Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development. **Expected skill development of the researcher.**

- **Significant improvement in the scientific and soft skills** of the researcher is **not** sound or **convincing**.
- The **proposal continues the long-term scientific activity of the researcher** in XXXXXX. The **added value** of the proposed research to **future career prospects** is **not adequately highlighted**.
- The **measures** aimed at **acquisition of transferrable skills**, such as **publication/grant writing skills** and **leadership**, to gain impact on the researcher's career perspectives, are **not fully convincingly outlined**.

4. MSCA PF 2021: WEAKNESS IMPACT

2.1

Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development. **Expected impact** of the **proposed research and training activities** on the researcher's **career perspectives inside and/or outside academia**.

- The proposal **does not** fully **identify the potential practical opportunities** offered by its activities, nor appropriate measures to increase the **researcher's employability in the industrial sector**.
- The proposal **does not describe how training opportunities and programs** of the host institution would **impact the researcher's career perspectives**.
- The proposal **does not address** in sufficient **detail** how the researcher can actively **participate jointly with the supervisor in aspects of the project management**.
- How the expected skills to be developed during the proposal will be utilized to **improve the professional maturity and employability of the researcher** has **not been clearly justified**.
- The proposal **does not rationalise** convincingly the **benefits for the researcher's career of the host-afforded opportunity to supervise students**.
- The programmed **secondment in the industrial associated partner is not explained** enough to assess its impact on the **career perspectives of the researcher**.
- The proposal **does not describe** in sufficient detail the **impact that the project will have on the researcher's long-term career**. The **career perspective** is narrowly **focusing only** upon a **permanent academic position**.

4. MSCA PF 2021: WEAKNESS IMPACT

2.2 Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities. Plan for the dissemination and exploitation activities, including communication activities

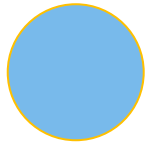
- **Communication** toward the **industrial community** is **not sufficiently taken into account**, despite the fact that the planned research is closely aligned with chemical sector expectations.
- The strategy for **communication of results** to the **general public** through **outreach activities** has not been planned in sufficient detail.
- The **dissemination strategy to peers** is **overambitious**. The number and aim of **targeted journals** is **not credible** based on the information provided in the proposal.
- Dissemination of the results to target **audiences other than scientific** have been **discussed in insufficient detail**. The communication of the action's results to the **non-specialized public** lacks in sufficient planning.
- The **quantitative outputs** of the planned dissemination and communication activities are not clearly presented in the proposal. There is **little specific information** in the proposal regarding the level and **number of publications/conferences/press releases**/interactions/internships that are planned to be created.
- Limited information is provided on **how outcomes will be exploited** and conveyed to important **potential stakeholders** such as XXXXXXXX.
- The plan for **scientific publications and conferences** is discussed only in **broad terms**.
- The **audience beyond academia**, notably the **industry and policy makers**, has **not** been adequately **addressed** in terms of **dissemination and exploitation plans**.

4. MSCA PF 2021: WEAKNESS IMPACT

2.3 The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts

- The societal and economic **impact on the long term** is not fully credible because the use of critical raw materials is **not sufficiently addressed** in the proposal.
- **Short-term societal and economic impact** is limited, and not convincingly described beyond the **immediate scope** of the proposal.
- Even though the proposal has the potential of developing knowledge with an **important economic impact**, the **potential economic impact** is **not supported** by a sufficiently **detailed IP strategy**.
- The proposal does **not** give an **appropriate quantified** estimate of the proposal's contribution to the expected outcomes and impacts.
- It is not credibly justified that the outcome of the proposed work would have an **impact beyond the immediate scope and duration of the proposal**.
- The discussion of the **societal and economic impacts is not credible**, as the proposal does not sufficiently detail the **link** between **modeling outcomes** and **technological applications**.
- The potential **impact of the obtained results**, at economic and societal levels, achieved during the **duration** of the **project** are mentioned in a **very generic and limited mode** in the proposal, **failing** to describe the importance and magnitude of the expected results. Aspects related with **economic importance** together with **market issues** connected to the obtained results are **limited and insufficient**.

4. IMPACT IMPLEMENTATION IN H.E



LEGAL BASE

[Objectives & KIPs]

Result

Outcome

Impact

STRATEGIC PLAN

[Policy priorities & R&I strategic orientation]

Seamless, smart, inclusive and sustainable mobility services through new digital technologies

WORK PROGRAMME

[Destinations & Topics]

Innovative logistics solutions applied by the European air transport sector

Seamless, smart, inclusive and sustainable air services

HORIZON EUROPE PROJECT

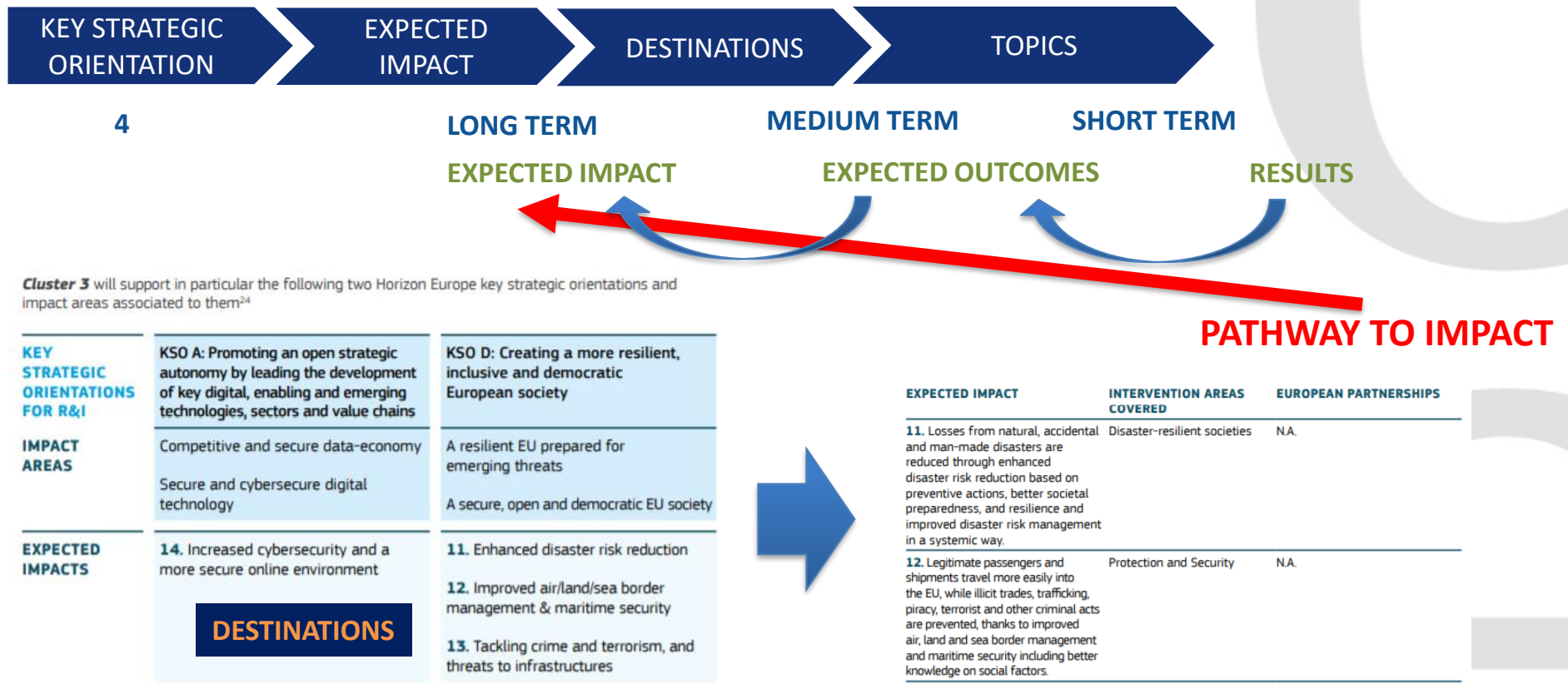
[Project results]

Successful large-scale demonstration trial with 3 airports of an advanced forecasting system for proactive airport passenger flow management

At least 9 European airports adopt the advanced forecasting system that was demonstrated during the project

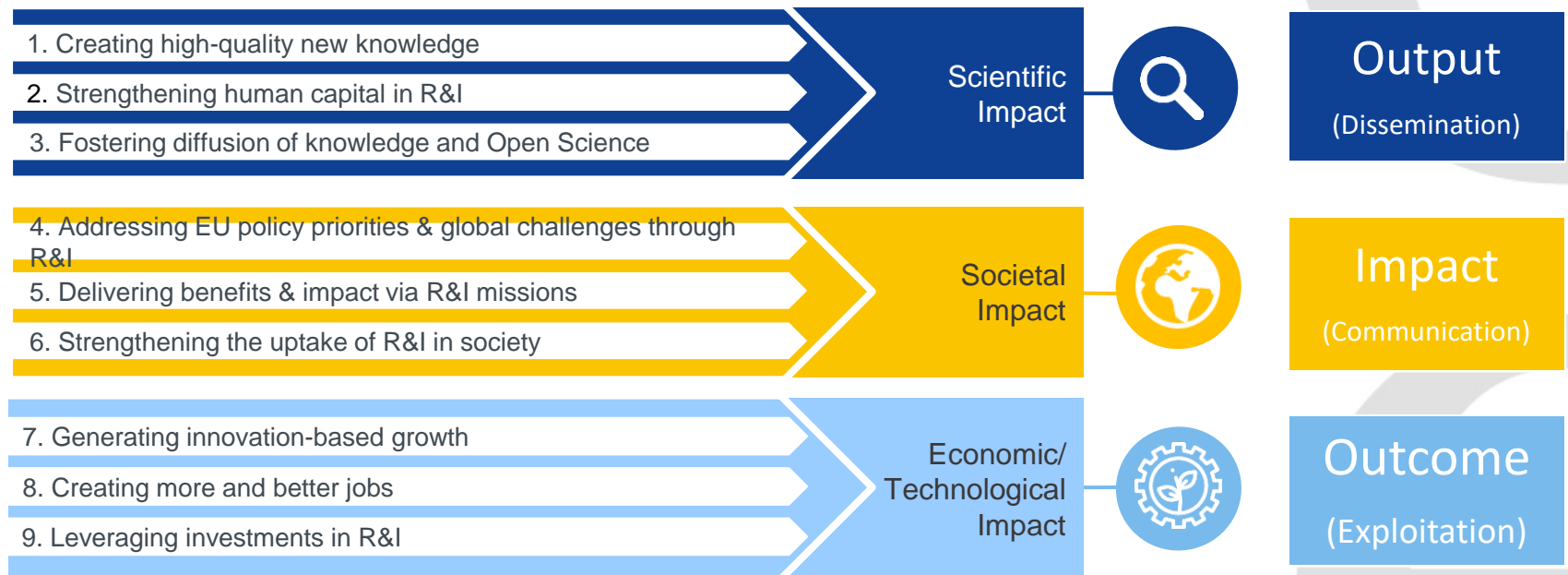
15% increase of maximum passenger capacity in European airports

4. IMPACT IMPLEMENTATION IN H.E



4. IMPACT IMPLEMENTATION IN H.E

HORIZON EUROPE **LEGISLATION** defines three types of impact, tracked with **Key Impact Pathways**



Article 50 & Annex V 'Time-bound indicators to report on an annual basis on progress of the Programme towards the achievement of the objectives referred to in Article 3 and set in Annex V along impact pathways'

MSCA PF 2022: PUNTOS CLAVE IMPACTO

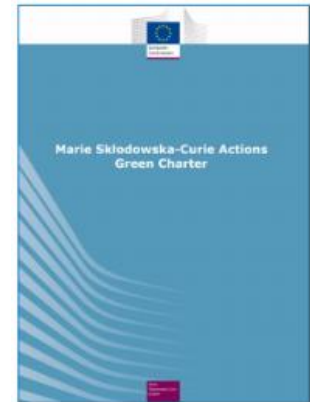
- Argumentar como toda la sección de excelencia aporta Impacto en la carrera del fellow.
 - Skills que obtendrá
 - Empleabilidad y su futuro en la academia y posibilidades en el sector no académico.
- Plan de explotación, diseminación y Comunicación realista y completo. Incluir indicadores de cumplimiento, audiencias a las que dirigirse. Dependiendo del proyecto ajustar las audiencias: importante usuarios finales, empresas pero también ciudadanos y stakeholders.
 - Numero de artículos que se publicarán
 - Congresos
 - Eventos de Comunicación, cuantificar audiencias...
- Estrategia de gestión y protección de la IP. Fundamental que esté ajustada a la naturaleza del proyecto. **Importante trabajo conjunto con la OTRI / Dpto Legal de la Institución.** Describir los procedimientos, capacidades y experiencia de la institución.
- Enfoque coherente en el Impacto de la Propuesta.

MSCA PF 2022: evaluation criterio: implementation

Projects implementation



- Identify and describe Work Packages (WP) and tasks (research and transversal)
- Monitoring mechanisms (deliverables, milestones, G.Chart....)
- What management and research risks can occur, how will they be managed
- Why did you choose a specific institution, what is its expertise and infrastructures



MSCA Green Charter

4. MSCA PF 2021: WEAKNESS Implementation

3.1 **Quality and effectiveness of the work plan**, assessment of risks and appropriateness of the effort assigned to work packages

- **Deliverables and milestones** are **insufficiently specified/quantified**. This aspect reduces the effectiveness of the work plan.
- The **work plan** does **not** seem to **match the goals of the project** and is kept very short. Several pieces of key **information are missing**, including description of activities, effort to be devoted to each work package and milestones. A **Gantt chart has not been provided either**. These are considerable weaknesses.
- **Progress monitoring has not been** precisely **described** and the measures are insufficient to ensure that the objectives are reached.
- The proposal does **not** clearly **describe deliverables and milestones**, as well as **other items** planned in the action such as **training, communication or dissemination activities**
- The **management approach, meeting strategy and reporting strategy** have not been clearly defined in the proposal.
- Effectiveness of the work plan is not fully convincingly addressed, particularly concerning the **time planning** and exact **duration of the secondments and visits**. For example, the Gantt chart suggests that activities related to WP2 (main host) will take place simultaneously with activities related to WP3 (secondments). This timing is unclear as both WP2 and WP3 require, at least partly, the physical presence of the researcher.

4. MSCA PF 2021: WEAKNESS Implementation

3.1 Quality and effectiveness of the work plan, **assessment of risks** and appropriateness of the effort assigned to work packages

- **Administrative risks** potentially affecting the execution of the proposal are **not properly included in the risk analysis**.
- **Administrative risks** have been **insufficiently discussed and anticipated** in the proposal.
- The **risk management plan and contingency planning** strategies in relation to both research and administrative aspects are **not sufficiently comprehensive and detailed** (e.g. regarding risks related to the interrelation of the proposal objectives).
- While several sources of risk are identified, the **contingency plans primarily deal with access to equipment and delays**. Risks associated with measurements and characterization have not been described in sufficient detail and do therefore not credibly address the experimental aspects of the proposal.
- **No suitable contingency plan in case of delays is presented**. Technical and especially administrative risks are not addressed adequately.
- The **risk identification and contingency planning are not sufficiently sound**. For example, scientific and administrative risks are not convincingly considered in the proposal. The risks related to potential delays in some tasks and the impacts that will have on later tasks are not clearly addressed.
- The **risk management part is somewhat incomplete**. In particular, the research risks in WP1 and WP2 are not sufficiently addressed.

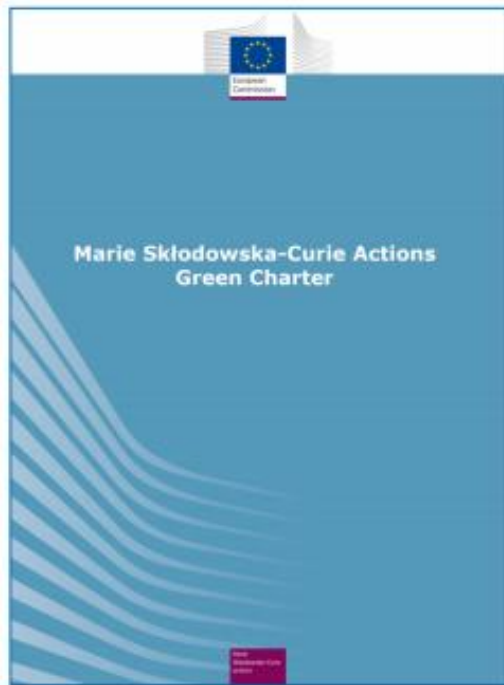
4. MSCA PF 2021: WEAKNESS Implementation

3.1 Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages

- The effort assigned to certain activities is not credible, for example in relation to the experimental work required
- The time balance between the different WPs is not convincing. For example, only 6 months are allocated to the core scientific work package
- Insufficient information about the collaborative groups is provided in the proposal: the task allocations and responsibilities of the collaborators are not sufficiently explained.

4. MSCA PF 2022: GREEN CHARTER

MSCA Green Charter

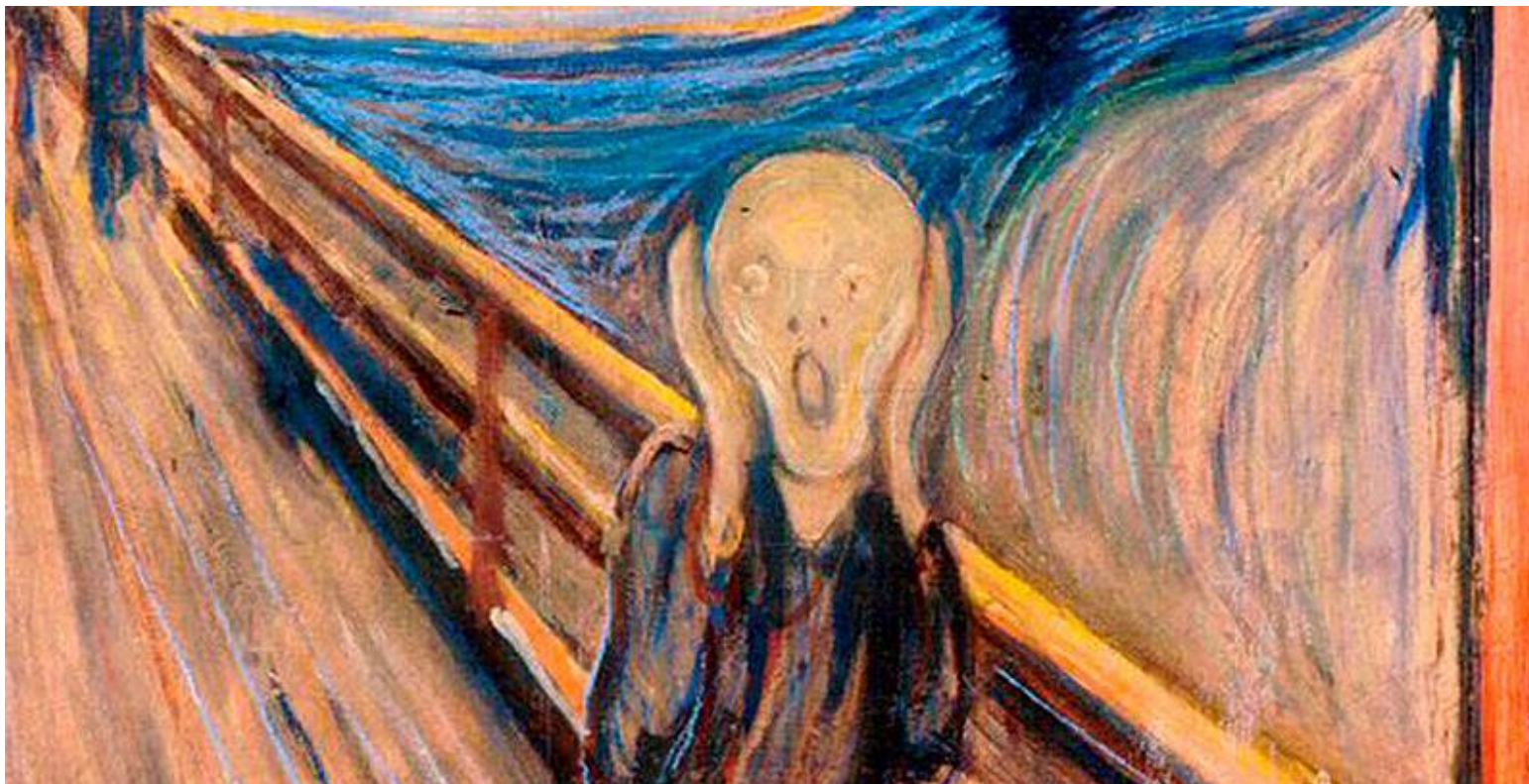


- Code of good practice for MSCA recipients
- Promotes the mainstreaming of environmental considerations in all aspects of project implementation
- Aims to:
 - Reduce the carbon footprint of MSCA projects
 - Raise awareness of environmental issues
 - Promote sustainable research management best practices
- Not an evaluation criteria as such

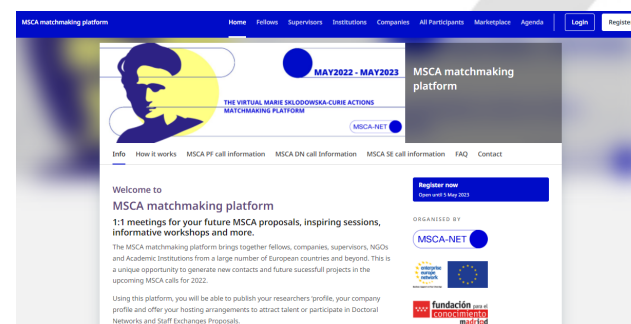
[Marie Skłodowska-Curie Actions Green Charter - Publications Office of the EU \(europa.eu\)](https://ec.europa.eu/euro-iss/communication/publications/publication-detail/-/detail?publication=60000000-0000-0000-0000-000000000000)

4. MSCA PF 2022: PUNTOS CLAVE IMPLEMENTACIÓN

- Fundamental un proyecto coherente en relación a la duración del mismo, paquetes de trabajo, coherencia en el desarrollo de tareas
- Un numero adecuado de deliverables y milestones.
- Explicación clara y concisa del trabajo de campo, secondments, shortvisits
- Incluir un GANTT Chart con toda la información posible del proyecto
- Correcta aproximación a la gestión de los riesgos administrativos y científicos.
- Incluir los esfuerzo de personal por WP incluso por Tarea. No olvidar los PMs de otros miembros del equipo que pudieran participar en el proyecto.
- Descripción en detalle de las infraestructuras a disposición del fellow durante el proyecto, secondments, placements..
- Experiencia de la institución acogiendo investigadores visitantes.
- La institución de acogida y el grupo son las mejores opciones para el fellow y para el proyecto.
- MSCA Green Charter. Incluir como dentro de la institución el tema de la sostenibilidad es algo que ya está integrado y se aplicará al proyecto.



And now ...



MSCA-NET

5. MSCA and REA websites



Horizon Europe MSCA - How to apply

PAGE CONTENTS

[Introduction](#)

[Doctoral Networks – call 2021](#)

[Postdoctoral Fellowships – call 2021](#)

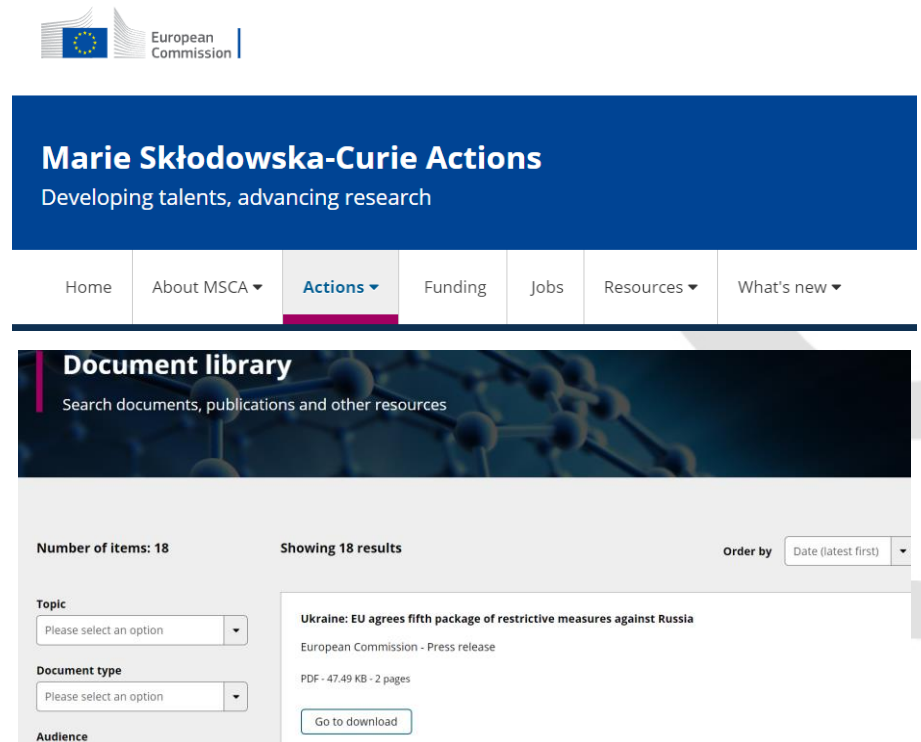
[Staff Exchanges – call 2021](#)

[COFUND – call 2021](#)

[MSCA and Citizens – call 2021](#)

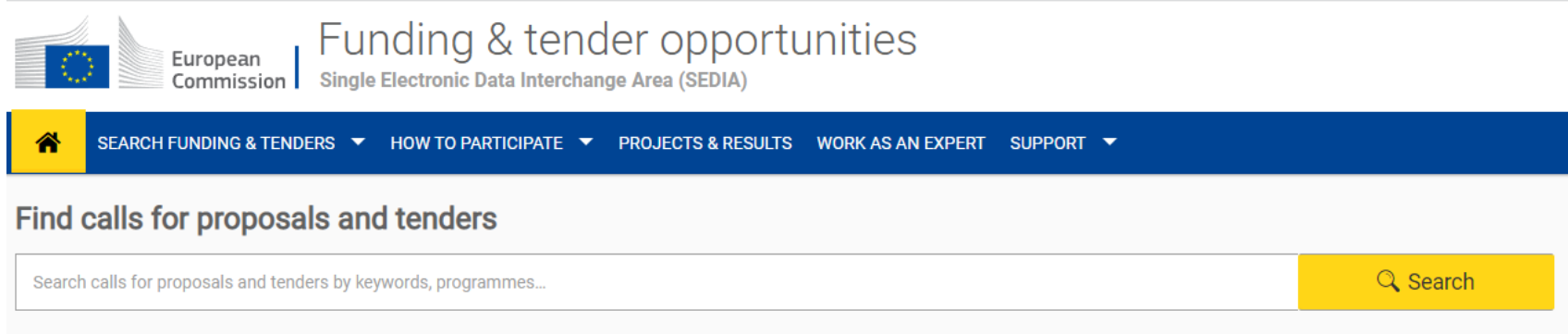
[What happens next](#)

[Research Executive Agency \(REA\)](#)



[MSCA European Commission](#)

5. Portal Funding and Tender Opportunities (FTOP)



- Portal where all EU calls are published
- Official documentation for MSCA Call

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

5. Proyecto MSCA-NET

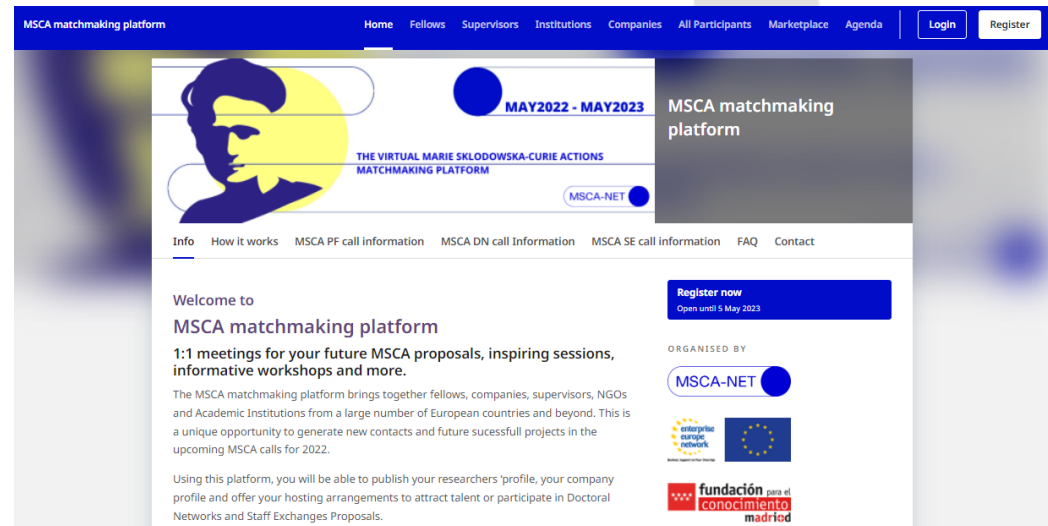
- European project that fosters the improvement of NCP skills and expertise in order to provide MSCA applicants with a better support
- Include informative sessions worldwide
- Publication of support guidelines

<https://twitter.com/MSCANetwork>

5. The MSCA Matchmaking Platform

The MSCA matchmaking platform brings together fellows, companies, supervisors, NGOs and Academic Institutions from a large number of European countries and beyond. This is a unique opportunity to generate new contacts and future successful projects in the upcoming MSCA calls for 2022.

Using this platform, you will be able to publish your researchers 'profile, your company profile and offer your hosting arrangements to attract talent or participate in Doctoral Networks and Staff Exchanges Proposals.

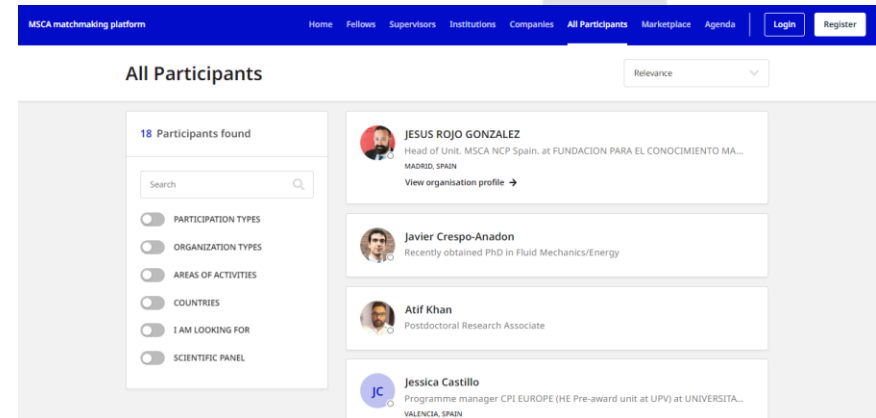


<https://msca.b2match.io/>

5. The MSCA Matchmaking Platform

You will be able to connect with:

- Future Fellows for PF proposals
 - Supervisors
 - Academic Institutions
 - Companies
 - Other Organisations
- Book 1-1 meetings.
 - The right place to find partners for MSCA proposals
 - Covers PF, DN and SE 2022
 - Special section with infodays and useful resources
 - Submit your profile!



<https://msca.b2match.io/>

5. Portal Horizonte Europa

Pilar 1: CIENCIA EXCELENTE

Acciones Marie Skłodowska-Curie (MSCA)

Sesiones informativas y documentación de apoyo Convocatoria Proyectos Posdoctorales MSCA 2022

Acciones Marie Skłodowska-Curie (MSCA)

La Convocatoria Proyectos Posdoctorales (MSCA PF 2022) abrirá el próximo 12/05/2022 con fecha de cierre 14/09/2022 y cuenta con un presupuesto de 257 millones de euros.

La convocatoria MSCA PF 2022 está abierta a personal investigador de cualquier nacionalidad que cuente con un máximo de 8 años de experiencia investigadora y que desee adquirir nuevas habilidades a través de la formación avanzada y la movilidad internacional, interdisciplinar e intersectorial.

Las actividades de difusión y promoción están dirigidas al personal investigador y al personal de supervisión/gestión encargado de apoyar las solicitudes en las instituciones españolas.

Las sesiones informativas son las siguientes:

Marie Skłodowska-Curie Actions
Convocatoria MSCA PF 2022- Proyectos Posdoctorales

Seminarios de difusión y apoyo a preparación propuestas

- 20 de mayo: seminario nacional: aspectos generales y novedades
- 25 de mayo: seminario autonómico Andalucía
- 26 de mayo: seminario autonómico Comunidad Valenciana (presencial)
- 6 de junio: seminario nacional: envío de la propuesta y aspectos financieros
- 8 de junio: seminario autonómico País Vasco
- 9 de junio: seminario autonómico Aragón
- 16 de junio: seminario autonómico Cataluña
- 20 de junio: seminario nacional: evaluación y aspectos prácticos
- 21 de junio: seminario autonómico Murcia (presencial)
- 27 de junio: Café con tu NCP: sesión de dudas para personal de gestión

La documentación se irá actualizando a medida que tengan lugar las diferentes sesiones.

Seminario nacional online 20/05/2022:

En esta sesión se ofrecerá información sobre las novedades, reglas de participación, aspectos de elegibilidad y demás aspectos generales de esta convocatoria MSCA en Horizonte Europa. Los Puntos Nacionales de Contacto de MSCA serán los encargados de impartir este seminario y se contará igualmente con el testimonio de personal investigador beneficiario de proyectos MSCA.

Inscripción: <https://bit.ly/36xtDp6>

Seminario nacional online 06/06/2022:

Esta sesión se centrará en aspectos más prácticos relacionados con el envío telemático de las propuestas así como información sobre las partidas presupuestarias MSCA. Los Puntos Nacionales de Contacto de MSCA serán los encargados de impartir este seminario.

Inscripción: <https://bit.ly/3K3x4KT>

Sesiones informativas y documentación de apoyo Convocatoria Proyectos Posdoctorales MSCA 2022 | Horizonte Europa

 [@horizonteeuropa](https://twitter.com/horizonteeuropa)

**Nothing in life is to be feared, it is
only to be understood. Now is the
time to understand more, so that
we may fear less**

¡Muchas gracias!

Cristina Gómez

MSCA NCP in Spain

msca@fecyt.es

