

Marie Skłodowska-Curie Actions



2024 calls

Estadísticas MSCA PF 2023 Errores a evitar en la propuesta 5 de julio de 2024

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Marie Skłodowska-Curie Actions
Developing talents, advancing research



MSCA PF 2023 call Evaluation results



PF 2023 call. Grant Agreement Preparation

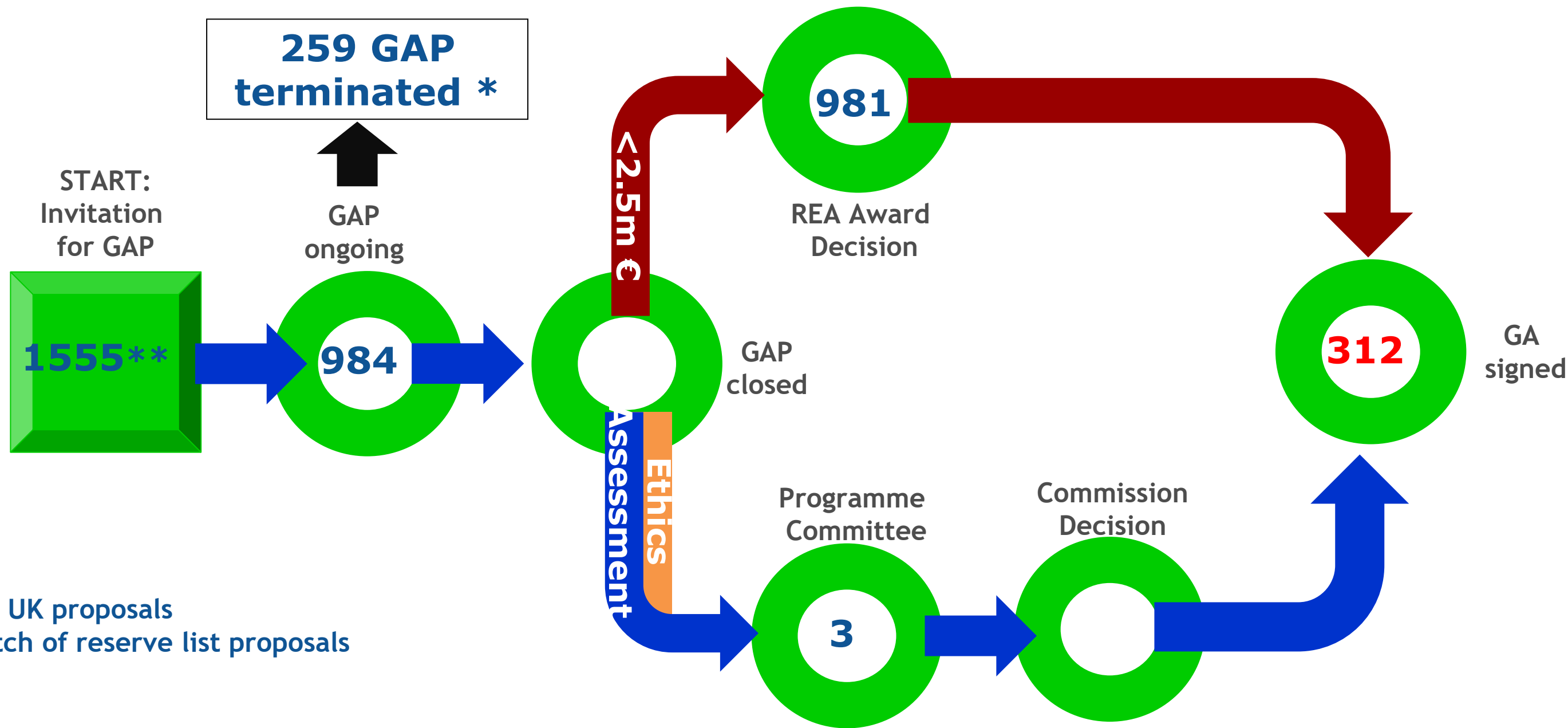
Status 21 March 2024

312 signed grant agreements

Ind. overall success rate: **15.8%**

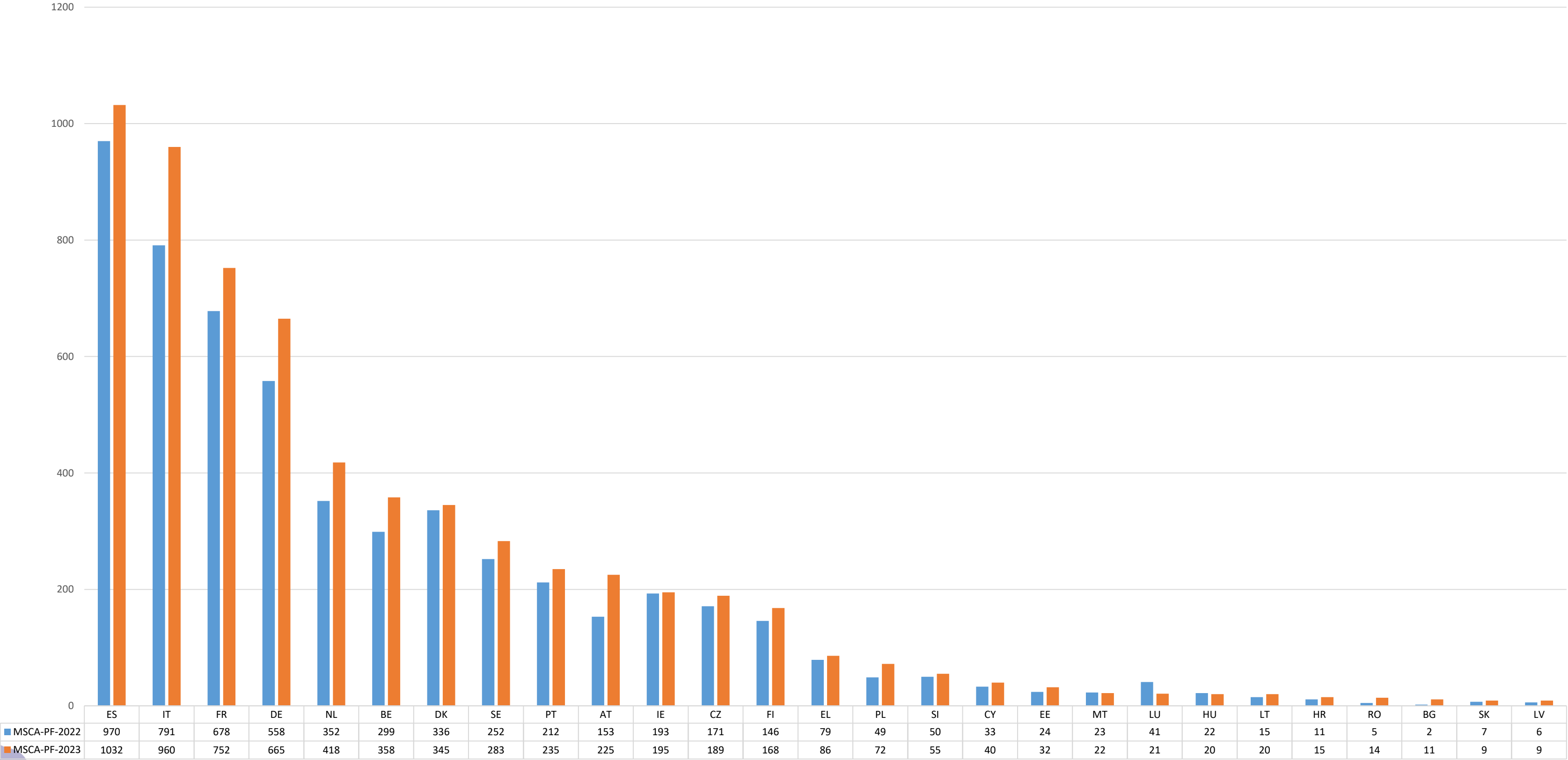
Ind. success rate EF: **15.7%**

Ind. success rate GF: **16.7%**

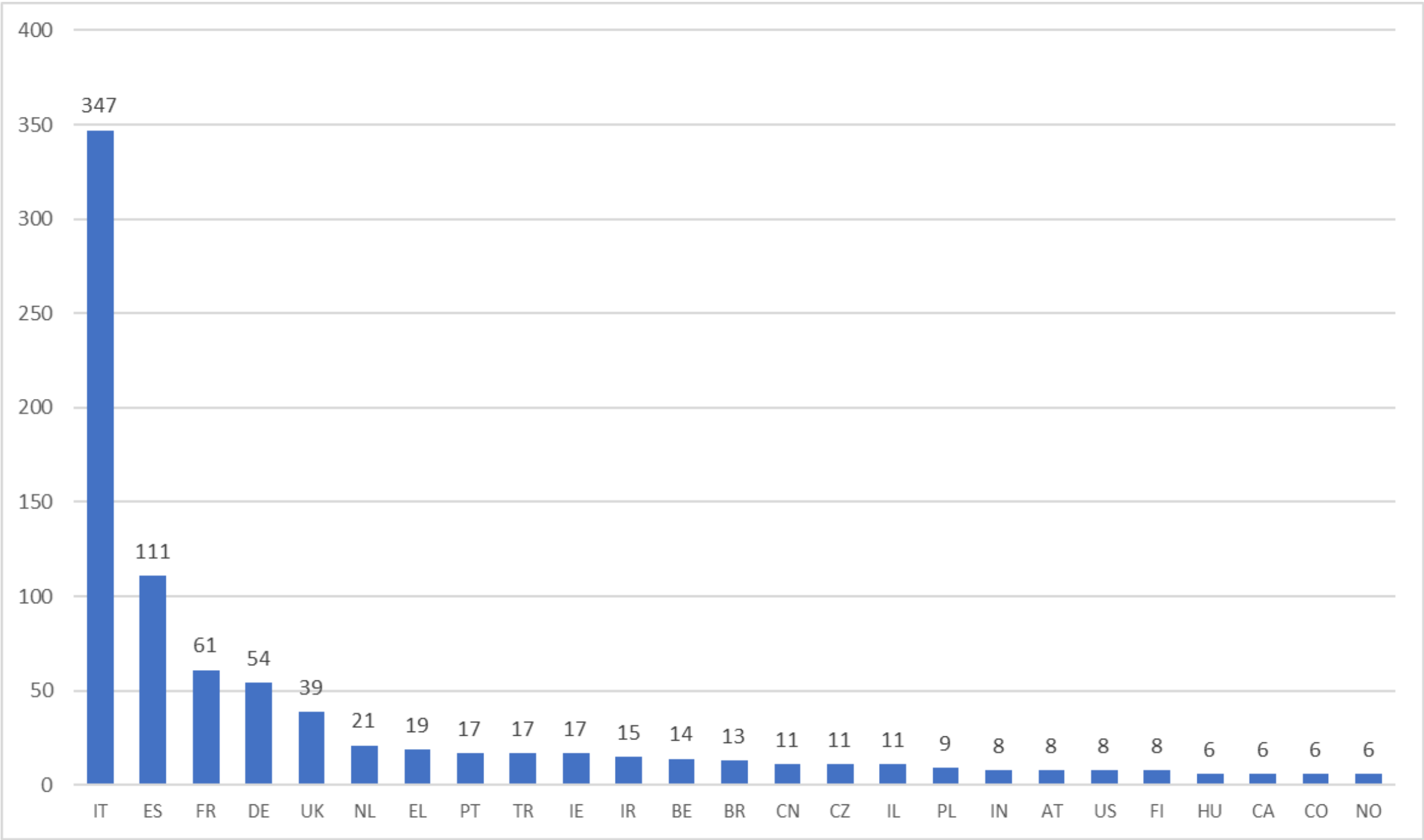


* incl. rejected UK proposals
** incl. first batch of reserve list proposals

MCA PF 2023 call Submission per country - MS (vs PF 2022)

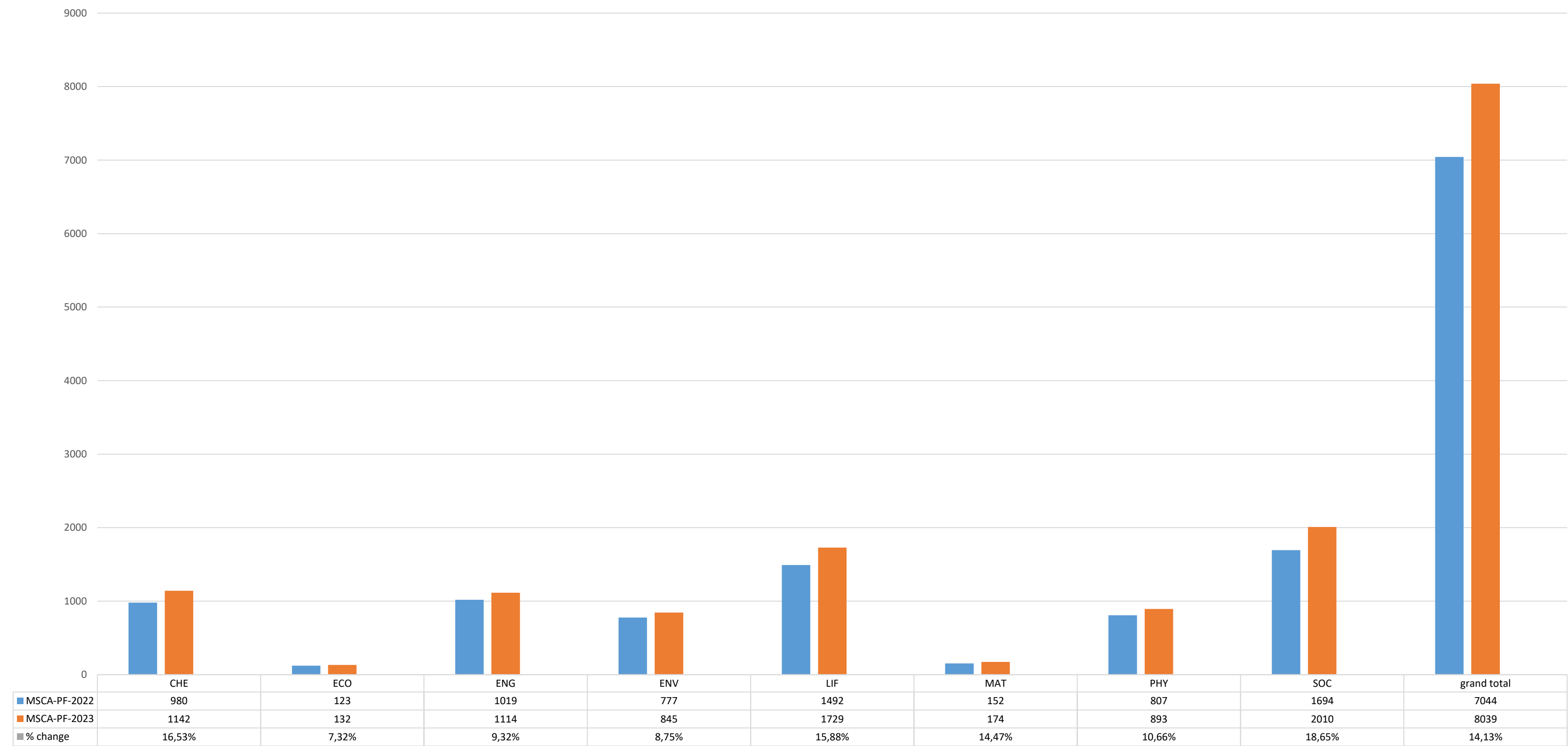


PF 2023 call. Submitted proposals GF - by researcher nationality

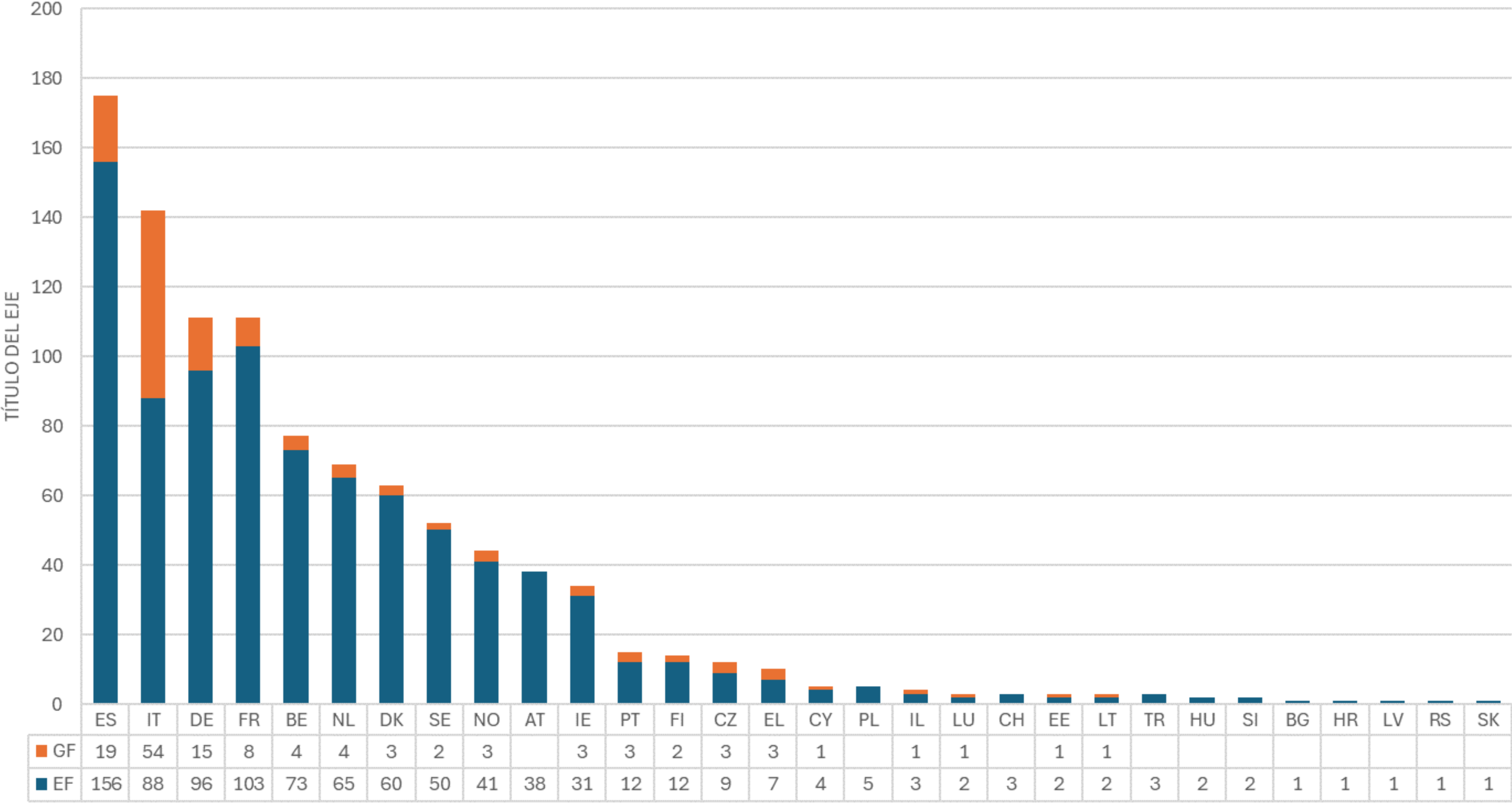


*Graph only shows nationalities with +5 submissions
Researchers can have double nationality*

MSCA PF 2023 call Submission per panel (vs PF 2022)



PROYECTOS FINANCIADOS MSCA PF 2023



MSCA PF 2023 – Percentiles Table and cut-off

	MSCA-PF-2023: Cumulative percentage of proposals above threshold, with a given score or higher (funding range marked in green)															
Number of eligible proposals	1074 proposals	121 proposals	1016 proposals	750 proposals	1575 proposals	160 proposals	808 proposals	1580 proposals	57 proposals	8 proposals	73 proposals	84 proposals	130 proposals	9 proposals	76 proposals	397 proposals
Cut off score for funding*	93,0	89,0	94,0	95,2	94,4	92,2	92,8	94,6	95,6	96,2	95,8	97,6	95,6	97,2	94,8	96,0
Score equal to or above	EF-CHE	EF-ECO	EF-ENG	EF-ENV	EF-LIF	EF-MAT	EF-PHY	EF-SOC	GF-CHE	GF-ECO	GF-ENG	GF-ENV	GF-LIF	GF-MAT	GF-PHY	GF-SOC
100	0,47%	1,65%	1,18%	1,33%	1,46%	0,00%	0,25%	1,52%	0,00%	0,00%	0,00%	1,19%	2,31%	0,00%	0,00%	3,02%
99	1,02%	1,65%	1,87%	2,13%	3,17%	0,83%	1,24%	2,97%	0,00%	0,00%	0,00%	4,76%	3,08%	0,00%	3,95%	5,04%
98	3,91%	2,48%	4,63%	5,87%	6,67%	3,13%	3,47%	6,77%	5,26%	0,00%	4,11%	15,48%	6,15%	0,00%	7,89%	8,56%
97	6,33%	4,13%	6,89%	8,93%	8,44%	3,75%	4,83%	9,56%	10,53%	12,50%	8,22%	19,05%	10,00%	11,11%	9,21%	12,34%
96	8,47%	4,96%	9,74%	12,93%	11,56%	5,63%	6,81%	12,22%	12,28%	25,00%	13,70%	27,38%	14,62%	11,11%	10,53%	16,88%
95	10,34%	8,26%	12,30%	16,80%	14,48%	6,25%	10,27%	15,00%	21,05%	37,50%	21,92%	28,57%	20,00%	11,11%	15,79%	19,40%
94	13,31%	9,09%	15,55%	19,33%	17,65%	10,00%	13,24%	17,66%	26,32%	37,50%	23,29%	38,10%	23,08%	11,11%	19,74%	24,69%
93	15,92%	9,92%	18,60%	22,13%	19,75%	13,13%	15,47%	20,19%	29,82%	37,50%	28,77%	39,29%	27,69%	11,11%	26,32%	27,46%
92	19,18%	10,74%	21,46%	25,07%	22,60%	18,13%	19,55%	23,16%	29,82%	37,50%	35,62%	42,86%	29,23%	11,11%	31,58%	29,97%
91	21,97%	12,40%	24,02%	28,00%	26,41%	20,00%	23,64%	24,87%	33,33%	37,50%	42,47%	45,24%	32,31%	11,11%	34,21%	33,00%
90	25,79%	14,05%	26,87%	31,07%	29,40%	24,38%	26,36%	27,28%	35,09%	50,00%	46,58%	45,24%	35,38%	11,11%	36,84%	35,26%
89	28,49%	16,53%	29,92%	33,33%	31,87%	26,88%	28,47%	29,68%	36,84%	62,50%	49,32%	46,43%	42,31%	22,22%	42,11%	38,29%
88	31,38%	16,53%	33,86%	34,93%	34,98%	29,38%	31,31%	32,03%	45,61%	75,00%	57,53%	46,43%	44,62%	33,33%	48,68%	40,55%
87	34,45%	17,36%	35,73%	38,53%	38,29%	35,63%	35,15%	33,92%	49,12%	75,00%	61,64%	48,81%	48,46%	33,33%	52,63%	42,82%
86	37,24%	19,83%	37,70%	41,47%	41,71%	37,50%	37,75%	37,03%	50,88%	75,00%	64,38%	52,38%	52,31%	33,33%	56,58%	45,09%
85	40,22%	21,49%	39,86%	44,00%	44,83%	41,88%	41,34%	40,06%	57,89%	75,00%	65,75%	54,76%	56,15%	33,33%	59,21%	47,86%

	EF	GF
CHE	93	95,6
ECO	89	96,2
ENG	94	95,8
ENV	95,2	97,6
LIF	94,4	95,6
MAT	92,2	97,2
PHY	92,8	94,8
SOC	94,6	96



Duración Proyectos MSCA PF 2023

Financiados

	12	13	18	19	22	24	NAP				36	NAP			Total general
	12	13	18	19	22	24	27	28	29	30	36	39	40	42	Total general
MSCA-PF-EF	5	1	3	1	1	1058	2	3	1	35					1110
MSCA-PF-GF						6	2			4	117	1	1	8	139
Total	5	1	3	1	1	1064	4	3	1	39	117	1	1	8	1249

Lista Reserva

	12	24	26	27	28	30	33	36	42	Total general
MSCA-PF-EF	2	516	1		1	14				534
MSCA-PF-GF		4		1	1		1	34	1	42

	12	13	14	15	17	18	20	21	23	24	NAP						33	36	NAP				Total
	12	13	14	15	17	18	20	21	23	24	25	26	27	28	29	30	33	36	37	38	39	42	Total
MSCA-PF-EF	24	1	4	2	1	17	1	1	1	3488	18	7	12	5	1	124							3707
MSCA-PF-GF										50	1	2	1	3		14	1	396	2	1	1	26	498
Total	24	1	4	2	1	17	1	1	1	3538	19	9	13	8	1	138	1	396	2	1	1	26	4205



MSCA-PF 2023 in Spain

Panel	Total Evaluadas	Total Main List	Tasa de éxito global (main list)	Proyectos enviados ES	Proyectos financiados ES	Tasa de éxito ES (main list ES/enviados.ES)
EF	7.084	1.110	15,52%	907	156	17,19 %
GF	834	139	16,6%	118	19	16,1 %
TOTAL	7.918	1.249	15,77%	1.025	175	17,07 %

- Financiación ES 2023: 32,42 M€ de 260.47 M€
- **ES: 1º país UE27**
- **188 participaciones** financiados, de los cuales 156 participaciones EF y 19 participaciones GF (13 participaciones españolas en la fase de placement no académico). Los proyectos financiados en esta convocatoria han sido un total de **175 (156 EF y 19 GF)**

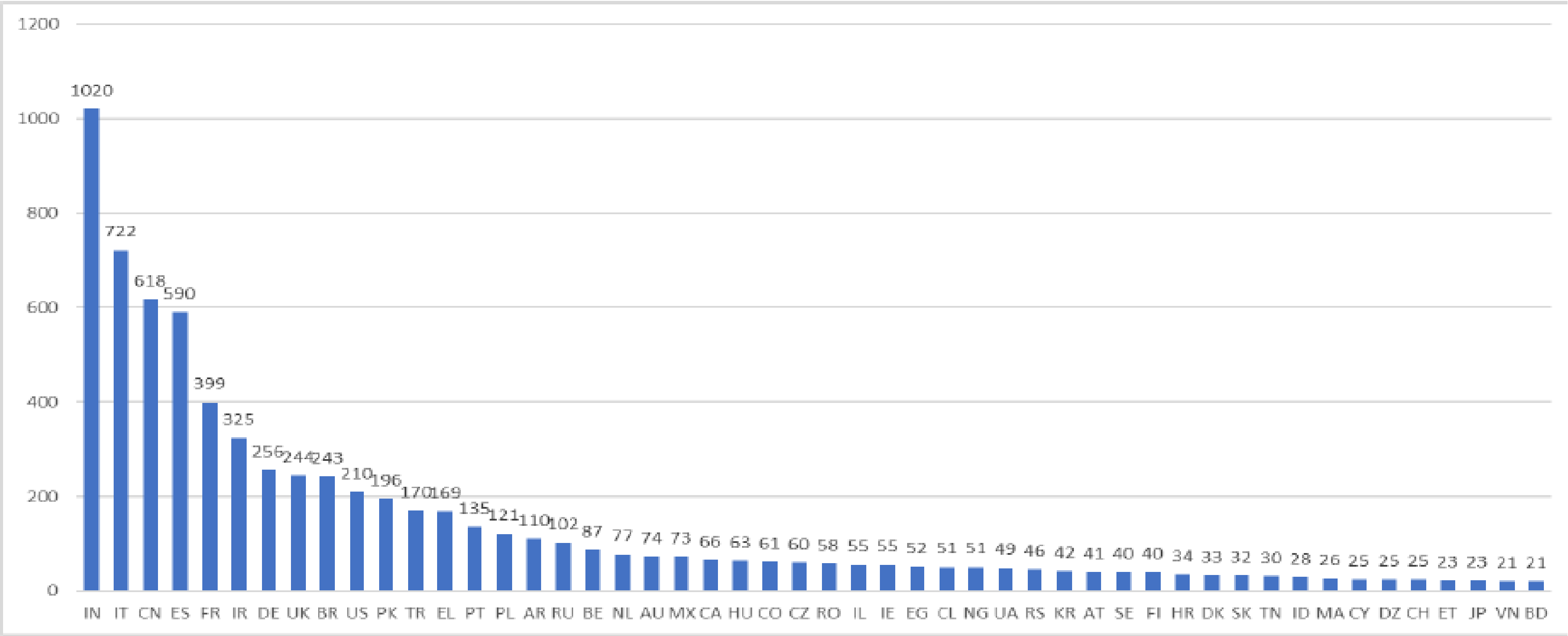


MSCA-PF 2023 in Spain

ACCIÓN	PANEL	TOTAL MAIN LIST	MAIN LIST ES
PF - EF	CHE	171	38
	ECO	19	5
	ENG	155	25
	ENV	113	19
	LIF	249	25
	MAT	26	2
	PHY	129	14
	SOC	248	28
TOTAL PF-EF		1.110	156
GF	CHE	9	3
	ECO	2	-
	ENG	11	-
	ENV	14	5
	LIF	22	3
	MAT	1	-
	PHY	13	5
	SOC	67	3
TOTAL PF- GF		139	19
TOTAL PROYECTOS *		1.249	175

INSTITUCIÓN	Nº PROYECTOS
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	27
UNIVERSIDAD DE GRANADA	9
UNIVERSIDAD DE SANTIAGO DE COMPOSTELA	9
FUNDACIO INSTITUT DE CIENCIES FOTONIQUES	8
FUNDACIO PRIVADA INSTITUT CATALA D'INVESTIGACIO QUIMICA	7
FUNDACION IMDEA MATERIALES	7
UNIVERSITAT DE BARCELONA	7
UNIVERSIDAD DE SEVILLA	6
UNIVERSIDAD POMPEU FABRA	6
UNIVERSIDAD COMPLUTENSE DE MADRID	5
INSTITUT CATALÀ D'ARQUEOLOGIA CLÀSSICA	4
UNIVERSIDAD DE ZARAGOZA	4
ASOCIACION CENTRO DE INVESTIGACION COOPERATIVA EN NANOCIENCIAS CIC NANOGUNE	3
FUNDACIO INSTITUT CATALA DE NANOCIENCIA I NANOTECNOLOGIA	3
UNIVERSIDAD DE SALAMANCA	3
UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA	3
UNIVERSIDAD POLITECNICA DE MADRID	3
UNIVERSITAT POLITECNICA DE CATALUNYA	3
UNIVERSITAT POLITECNICA DE VALENCIA	3

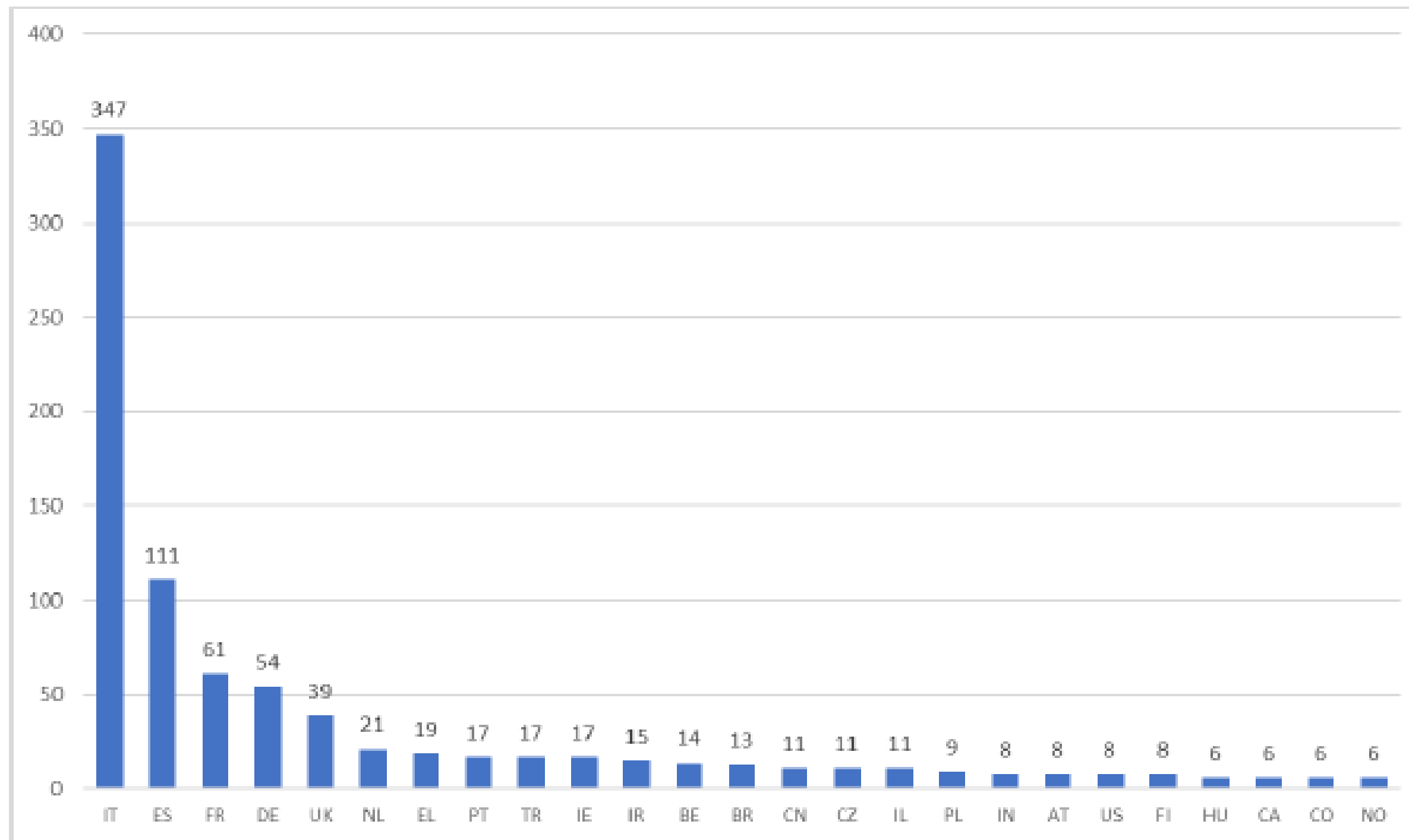
MSCA PF EF 2023 – Nacionalidades Solicitantes (solicitudes)



Graph only shows nationalities with +20 submissions
Researchers can have double nationality



MSCA PF GF 2023 – Nacionalidades Solicitantes (solicitudes)



*Graph only shows nationalities with +5 submissions
Researchers can have double nationality*



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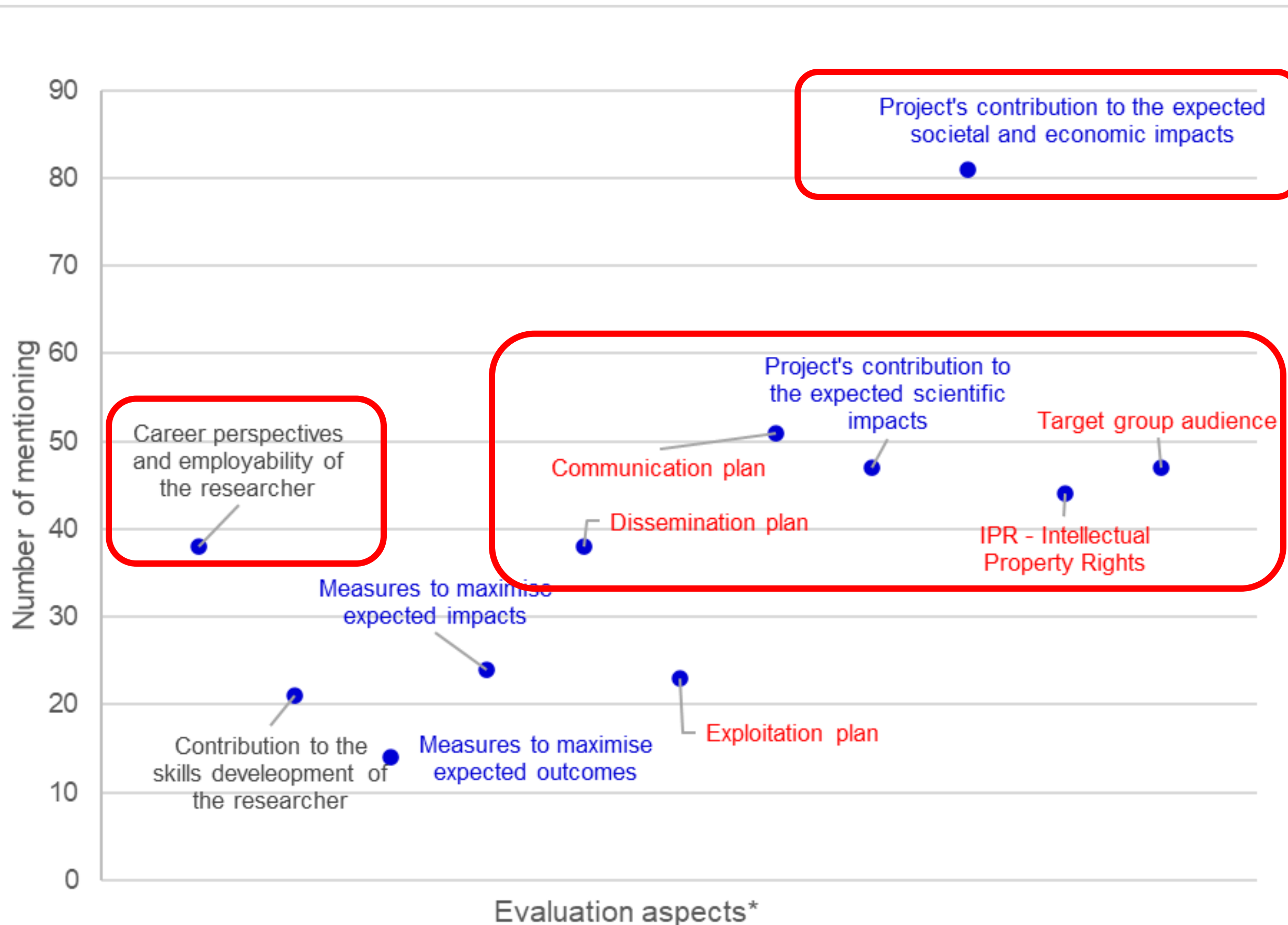
MSCA PF EXCELLENCE – WEAKNESSES



- Black font is related to the scientific quality
- Blue font is related to the supervision quality
- Red font is related to the researcher's professional compliance

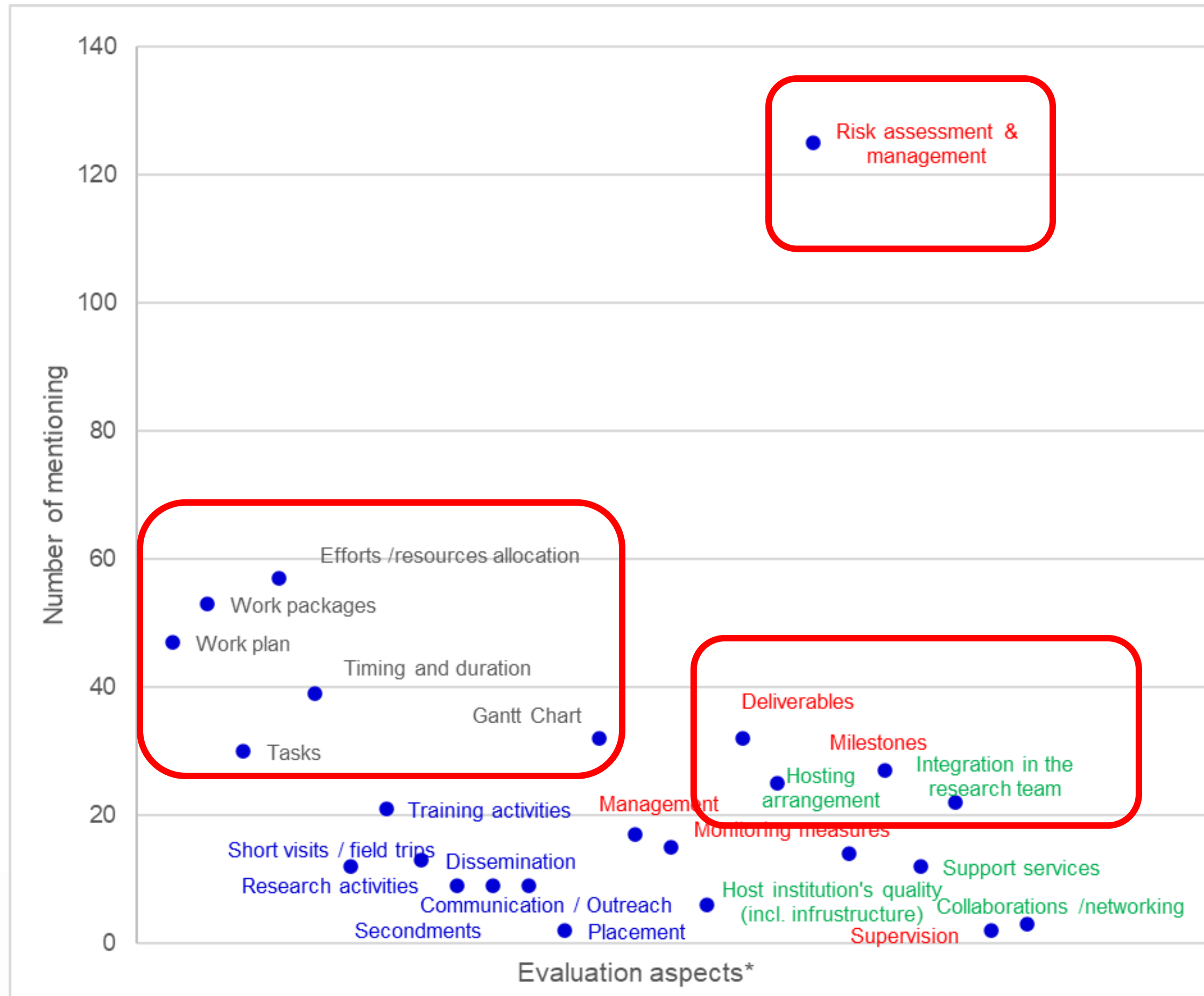


MSCA PF IMPACT – WEAKNESSES



- Black font is related to researcher's career perspectives and employability
- Blue font is related to advancement of scientific fields
- Red font is related to dissemination/communication activities

MSCA PF 2021 IMPLEMENTATION – WEAKNESSES



- Black font is related to the project design
- Blue font is related to activities types
- Red font is related to monitoring and mitigation plan
- Green font is related to host suitability

Debilidades en Excelencia.

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 position of the research project in respect of the **state of the art is not clearly assessed** and clearly measurable.
- The **objectives** mentioned in the proposal are **too broad** and it is insufficiently clear how they would be measured, and achieved.
- The research and innovation objectives and their **ambitions** to go beyond the current state-of-the-art in the field are **not described with a sufficient level of detail**.
- The research objectives are unconvincingly presented as the proposal lacks sufficient information that clearly introduces details about research questions the proposal would address.
- The proposal insufficiently describes **how** the proposed **objectives** will be **measured and verified**, thus it is not fully clear if they are realistically achievable.
- The proposed research and innovation objectives are not convincingly presented. They aim to study the entire XXXXXXXX, which is a **very ambitious and complex endeavour** having in mind the peculiarities of each case. They also intend to study three very broad topics (XXXX, XXXXXX and XXXX XXXXXX, but also XXXXXXXX XXXXXX and XXXXXXXX) which are **over-ambitious**.
- The **innovative nature** of the research objectives is not clearly demonstrated since other **research groups** are carrying on **very similar research**



Debilidades en Excelencia.

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).

- The proposed **methodology is not sound enough**, insufficiently identifying important methodological challenges and measures to tackle them. For example, it is unclear how the researcher will obtain the XXXXXXXX properties necessary for the simulations, and the experimental testing protocols are insufficiently defined.
- The technical **robustness of the AI** techniques were not sufficiently discussed in the proposal.
- The description of the integration of **open science practices** into the proposal **lacks significant detail**, for example in terms of repositories or resource management.
- Open science practices are mainly limited to **open access publication**, while research **data availability is not properly substantiated**.
- The proposal **poorly presents the diversity aspects** of the research as it lacks detail on the various social groups that it will involve.
- **Gender dimensions** and prior research on XXXXXXXXXXXX between men and women is **insufficiently discussed**.



Debilidades en Excelencia.

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

- The proposal **fails** to clarify **how the supervisor will be accessible** (e.g., regular meetings, close daily collaboration, joint writing processes).
- The supervisor and the researcher share a **common expertise** in chemistry and physics of polymers, therefore the transfer of knowledge from the researcher **to the host is less credible**.
- The **quality** of the foreseen supervision **is limited**. The supervisor's experience in supervising at an advanced level and their international collaboration networks are not presented clearly.
- The **supervisor's experience** in mentoring experienced researchers at the postdoctoral level **is very modest**.
- The number of **technical skills** (technologies and a set of software) the researcher is planning to **acquire** during the proposal is **overambitious**.
- The **training activities** are not sufficiently addressed and discussed, especially for what concerns the **transferable skills**.
- The description of training activities and **specific courses** that the researcher plans to **attend** and specific information on **new skills to be acquired** during the proposed research are not adequately presented. Additionally, how the researcher may benefit from the **activities offered at the host organization** and is insufficiently described.



Debilidades en Excelencia.

Quality and appropriateness of the researcher's professional experience, competences and skills.

- The **researcher lacks** XXXXX **language skills** so far, which could be an obstacle in analyzing national policy texts, organizing the planned dissemination events (e.g. exhibition), and networking and cooperation activities (with the mentioned NGO).
- The fact that the **researcher has only basic competence in two Slavic languages** spoken in the communities where the research is to be conducted may **cause problems regarding the planned fieldwork**, especially the interviews.
- The **connection** between the researcher's academic activities so far and the proposal is **too weak** to appropriately support the goals of the proposal. In particular, insufficient evidence is presented of experience with the XXXXXX or XXXXXXXXXXXX.



Debilidades en Impacto.

Credibility of the measures to enhance the career perspectives and employability of researchers and contribution to their skills development.

- The proposal does not adequately address **how skills development would enhance the researcher's career prospects**, specifically **what new skills or improvement of existing ones** would concretely contribute to their future career.
- The proposal does **not adequately describe the future employment opportunities** and the specific measures that would **increase their level of employability after** the end of the proposed research.
- The measures to enhances the **researcher's long-term career perspectives are not sufficiently detailed**. The **researcher indicates** that they intend to **secure an academic position**, but what **steps will be undertaken** to make this possible is **not specified enough** in the proposal.
- The presented **research will not improve the career perspectives** of the researcher because **it is too closely related to the topic** of their **dissertation** and of many of their **other publications**



Debilidades en Impacto.

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

- The **dissemination strategy** is not clearly explained, e.g. it is **unclear** what **research results will be published**, and there is insufficient evidence that the desired high impact journals are realistic for publishing the research results.
- The plan to disseminate research outcomes to the **target scientific communities** (e.g., relevant journals, conferences) is **not addressed to a sufficient** extent.
- The plans for **communicating with industrial partners and stakeholders are not coherent**. While access to a promising network is mentioned, it is unclear **how exactly, how often, and on which subject the exchange is planned**.
- Communication activities to **non-experts are not convincingly presented**. The plans for communication of the project's **outcomes to the public** are not sufficiently elaborated.
- The action states that 'relevant industrial representatives' will be communicated with but fails to provide the **appropriate level of detail** on **who these partners might be**. Although the proposal lists social media activities; the **specific channels are not presented** with the sufficient level of detail.
- The strategy for the **management and protection of intellectual property** is not precisely presented, especially considering that this is **stated as a major objective** of the proposal.



Debilidades en Impacto.

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

- The proposal **provides weak support** of the magnitude, importance, and credibility of the expected **impact in scientific and societal terms**.
- The **potential scientific impact** of the research beyond the scope of the project is **unclear**. The identified **connection with societal challenges** is also not sufficiently clear.
- The **economic impacts** are defined **too vaguely**, especially as the **focus is on the benefits to cultural tourism**.
- The proposal does **not identify sufficiently** the expected **scientific impact** of the research in terms of **conceptual and theoretical outputs**.
- The magnitude and importance of the expected **societal, technological and economical impacts are not addressed** with **sufficient amount of detail**.
- **Mentioned economic impact** is **not** sufficiently **justified and quantified**.



Debilidades en Implementación.

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

- The **work plan is inadequate**. For example, it is not convincingly explained why travel to foreign libraries should be considered a milestone.
- The **list of deliverables and milestones** defined in the table is **too extensive** for a two-year proposal and therefore seems to be over-ambitious and not fully achievable.
- The **effort assigned** to work packages is **not fully convincing**. For example, it is insufficiently explained how the time allowance for evidence collection will suffice, as the volume of the evidence is not properly taken into account
- The **Gantt chart is not fully adequate**. For example, there are work packages which run while the first task only starts later. It is not fully explained what will happen when the work package has commenced but not any one of the associated tasks.
- The **total workload** for realizing all **training and research activities**, including considerable laboratory testing phases and innovative model development plans, is **not convincingly developed**. In addition, the dissemination and communication plans are not efficiently programmed.
- The **risk assessment fails to effectively capture the principal risks** appertaining to the project. Furthermore, proposed mitigation measures are not well considered or relevant.



Debilidades en Implementación.

Quality and capacity of the host institutions and participating organisations, including hosting arrangements.

The researcher **does not describe** with sufficient detail their **integration into the team of researchers active** at the host institution.

The researcher indicates that the **hosting organisation does not fully provide them with all the necessary literature**, which partly puts into question the capacity of the hosting organisation for providing the required infrastructure for a successful completion of the proposal.

Integration of the researcher within the host group **has not been described in sufficient detail.**

A weakness of the **facilities at the host is that it is not clear that essential software** will be made available for the research work needed.

The proposal **insufficiently describes infrastructure, logistics, facilities and support services** available to the researcher at the host institution.



¡Muchas gracias!

Jesús Rojo

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Fundación para el Conocimiento madri+d

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