

UNIVERSIDADE DA CORUÑA



MARIE SKŁODOWSKA-CURIE ACTIONS

Research Fellowship Programme

Programas de apoio á ciencia excelente en H2020

María Dolores Sánchez Santos

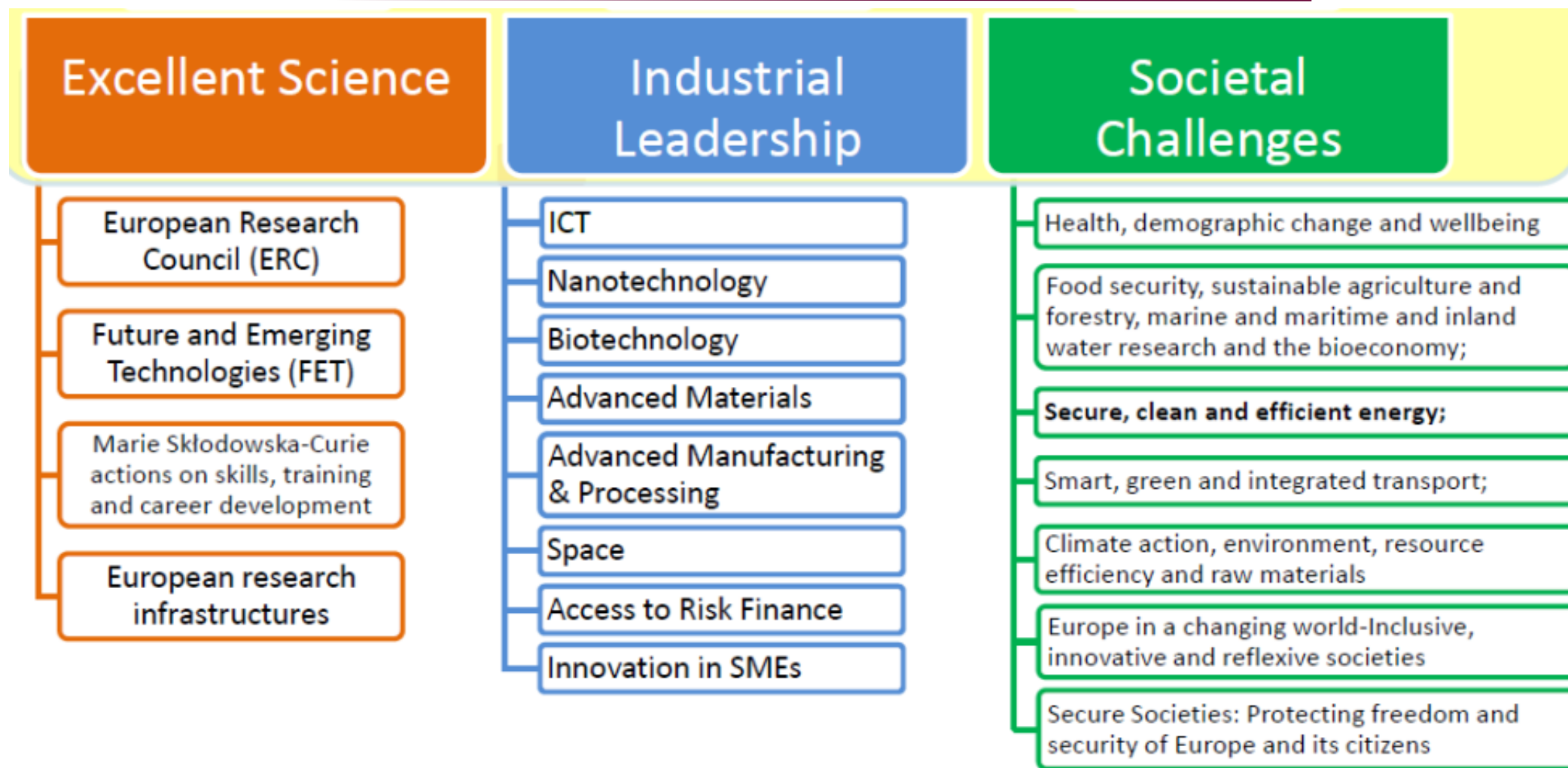
A Coruña, 3 abril 2019



OTRI

Oficina de Transferencia de Resultados de Investigación

H2020 (2014-20)



Piar Ciencia Excelente: obxectivo



OBXECTIVO

*Elevar o nivel de excelencia na **ciencia básica** europea e asegurar un fluxo constante de investigación de calidade para garantir a competitividade a longo prazo en Europa.*

CIENCIA EXCELENTE H2020

Excellent Science

European Research Council (ERC)

Future and Emerging Technologies (FET)

Marie Skłodowska-Curie actions on skills, training and career development

European research infrastructures

- ❖ **ERC** – Apoio aos investigadores/as con talento e creativos, así como aos seus equipos para levar a cabo **investigación punteira de alta calidade**.
- ❖ **FET** - Financiar a investigación colaborativa para abrir novos e prometedores campos de investigación e innovación.
- ❖ **MSCA** - Proporcionar a os investigadores/as unha **formación baseada na excelencia**.
- ❖ **INFRA** - Asegurar que Europa conta con Infraestruturas de investigación de primeira clase accesibles para todos os investigadores/as.



MSCA



MARIE SKŁODOWSKA-CURIE ACTIONS

Research Fellowship Programme



MSCA Tipoloxía

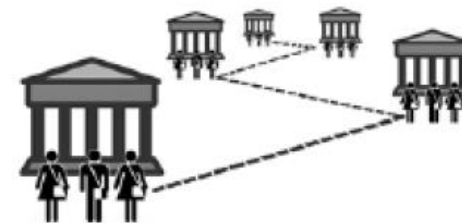
Post-doctoral Fellowships



IF

Individual Fellowships

Staff Exchange



RISE

Research and Innovation
Staff Exchange

Doctoral degrees



ITN

Innovative Training Networks



COFUND

Also for post-doctoral programmes

MSCA Tipoloxía



ITN Innovative Training Networks

What does it offer?
High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.

Who applies?
International networks of research organisations from the academic and non-academic sectors

Who is funded?
Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)



IF Individual Fellowships

What does it offer?
Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.

Who applies?
Individual researchers together with the host organisations

Who is funded?
Postdoctoral researchers



RISE Research & Innovation Staff Exchange

What does it offer?
The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.

Who applies?
International networks of research organisations from the academic and non-academic sectors

Who is funded?
Researchers, technical administrative and managerial staff of any nationality and at all career levels



COFUND Co-Funding of Regional, National & International Programmes

What does it offer?
Regional national or international programmes to foster excellence in training mobility and career development of researchers

Who applies?
Organisations funding or managing doctoral or fellowships programmes

Who is funded?
Researchers at doctoral and postdoctoral level



MSCA IF- Obxectivos

- Apoio a *experienced researchers* (ER) en calquera momento da súa carreira investigadora:
- Enfoque *bottom up*
- Mobilidade (triple i): internacional, intersectorial, interdisciplinar.
- Adquisición de coñecementos novos e complementarios.
- Énfase nas actividades de divulgación e comunicación

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



Investigadores con experiencia (ER)

- ❑ Doutores/as (ou + 4 anos investigador/a a tempo completo)
- ❑ Sen límite idade
- ❑ Requisitos na data peche convocatoria

Planned opening date: **11 April 2019**

Deadline: **11 September 2019**

MSCA Tipo de proxectos

- **Proxectos individuais:** Formación a través da investigación baixo a supervisión directa (supervisor na institución de acollida)
- Elaboración dun **plan de carreira**
- **Formación práctica** para a adquisición e desenvolvemento de habilidades científicas (novas técnicas, instrumentos,...) e outras habilidades complementarias:
 - busca de fontes de financiamento,
 - redacción de propostas,
 - elaboración de presentacións eficaces,
 - xestión de proxectos, aspectos financeiros,
 - transferencia de coñecemento (IPR, patentes, ...)
- **Estadías**
- **Organización de eventos** (conferencias científicas, cursos de formación,...)
- **Comunicación y difusión de resultados**
- Xestión de **aspectos éticos**.

MSCA-IF Modalidades

EUROPEAN FELLOWSHIPS

Standard Panel

Reintegration Panel

Career Restart Panel

Society and Enterprise
Panel

GLOBAL FELLOWSHIPS

MSCA Países participante

- **Member States** (MS): 28 countries (including overseas countries)
- **Associated Countries** (AC) to H2020 (Iceland, Norway, Albania, Bosnia and Herzegovina, Former Yugoslav Republic of Macedonia, Israel, Moldova, Montenegro, Serbia, Turkey, Switzerland)
- **Third Countries** (TP): No MS, No AC

	Beneficiary	Partner Organisations
European Fellowships	Compulsory: MS / AC	Optional: MS / AC
Global Fellowships	Compulsory: MS / AC	Compulsory: TC Optional: MS / AC



MSCA-IF-ST-EF

MSCA-IF-EF-CAR

STANDARD EUROPEAN FELLOWSHIP

- Experience Researcher of **any nationality** must move or have moved from any country to the MS or AC where the host institution is located
- **Mobility rule:** not have resided or carried out his / her main activity in the country of the host institution for more than 12 months / 3 years prior to the call deadline
- **Duration of the project:** 12 - 24 months (secondments included)
- 8 Scientific Panels

EF CAREER RESTART PANEL (CAR)

- Support to researchers who **want to resume research in Europe after a break in research**
- ER of any nationality who must move or have moved from any country to the MS / AC where the host institution is located
- The experienced researcher must have had a **career break in research**
- Multidisciplinary Panel
- **Duration of the project: 12-36 months**

Specific mobility rule RI: no more than 36 months out of the 5 years

The experienced researcher must have had a **career break in research**, i.e. they **were not active in research** for a continuous period of 12 months within the eighteen months immediately prior to the deadline

MSCA-IF-EF-RI

MSCA-IF-EF-SE

EF REINTEGRATION (RI)

- Support to researchers who want **to return and reintegrate** in a longer term research position in Europe
- Mobility **from a Third Country** to a MS / AC where the host institution is located
- ER eligible: **nationals or long-term residents** of a MS / AC
- Multidisciplinary Panel
- **Duration of the project:** 12-24 months

SOCIETY & ENTERPRISE PANEL

- The SE is dedicated to **career opportunities** for researchers seeking to work on **research and innovation projects** in an organisation from the **non-academic sector**.
- EF-CAR, EF-RI and EF-ST proposals with beneficiaries that have a non-academic status will be transferred to the EF-SE Panel
- **Multidisciplinary panel** in EF
- Open to organisations from the **non-academic sector**: Industry (incl. SMEs), **hospitals**, charities, NGOs, government/public bodies, national archives, libraries, etc
- **Research and innovation-related projects** can be funded
- **Relaxed mobility** rule to apply (like in CAR and RI)
- Option of **secondment** to academic sector
- **12 – 24** months' duration

Specific mobility rule RI: no more than 36 months out of the 5 years

MSCA-IF-GF

- **Duration:** 12-24 months, outgoing phase in a TC + 12 months returning phase in Europe.
- **ER eligible: nationals and long-term residents in MS / AC (more flexible resident rule)**
- Mobility from any country to the TC of the outgoing phase
- **Mobility rule to be fulfilled in the TC of the outgoing phase**
- Minimum participation: 1 beneficiary in MS / AC (host institution) + 1 Partner Organisation in TC
- **Letter of Commitment** from Partner Organisation in TC compulsory
- Initial phase in Europe: up to 3 months if needed

Widening Fellowships (WF)

- Support researchers, regardless of their nationality, to **undertake their fellowship in a Widening country.**
- Aim: **help spread excellence and close the research and innovation gap within Europe**
- Normal award criteria, scoring and thresholds for MSCA – IF will apply
- EF proposals from all scientific areas which cannot be funded under EF and have a chance to be funded under WF will therefore be **ranked in one single list** according to the scores and evaluation procedure of the MSCA IF Call
- At submission stage applicants are asked in section 5 (Part A – Call Specific Questions) whether or not they wish to be considered for this funding opportunity

27 Widening Countries in Horizon 2020 (Member States and Associated Countries)

¹² Member States: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia. Associated Countries: Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine.



INDIVIDUAL FELLOWSHIPS		EUROPEAN (EF)				GLOBAL
		ST	CAR	RI	SE	GF
EXPERIENCED RESEARCHERS	Nationality	ANY	ANY	MS, AC or long-term residents	ANY	MS, AC or long-term residents
	Mobility	From ANY country to MS or AC	From ANY country to MS or AC	From TC directly to MS or AC (location of the host institution)	From ANY country to MS or AC	From ANY country to TC then to MS/AC
		≤ 12 months in the last 3 years	≤ 36 months in the last 5 years	≤ 36 months in the last 5 years	≤ 36 months in the last 5 years	≤ 12 months in the last 3 years
	Career break in research	-	at least 12 months within 18 months prior to call deadline	-	-	-
PARTICIPANTS	Beneficiary	MS or AC	MS or AC	MS or AC	MS or AC Non-academic only	MS or AC
	Entity with a capital or legal link	MS or AC	MS or AC	MS or AC	MS or AC Non-academic only	MS or AC
	Partner Organisation	MS or AC	MS or AC	MS or AC	MS or AC (both academic and non-academic)	Outgoing phase (mandatory): TC
						Secondment (optional): MS or AC
DURATION (months)		12 to 24	12 to 36	12 to 24	12 to 24	12 to 24 + 12
SCIENTIFIC AREAS		8	8	8	8	8

MSCA Financiamento (importes IF-2018)

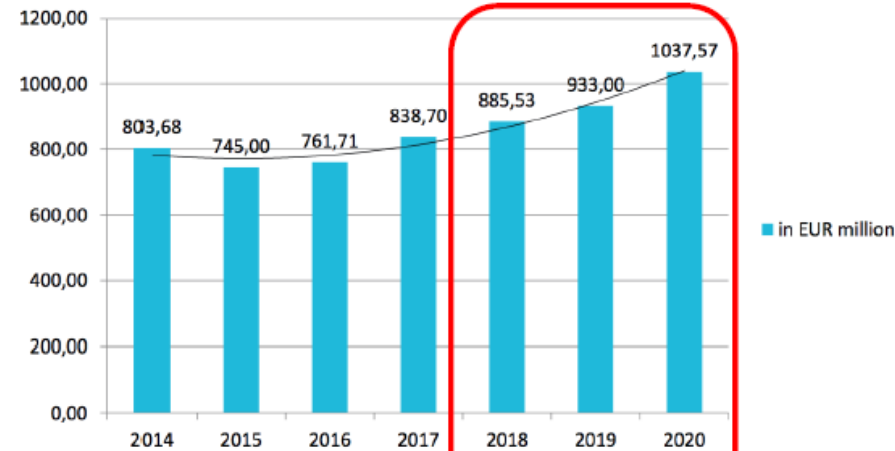
MSCA	Researcher Unit Cost (person/month)			Institutional Unit Cost (person/month)	
	Living Allowance *	Mobility Allowance	Family Allowance	Research, training and networking	Management and overheads
IF	4.880	600	500	800	650

- Fellow's Salary = Living Allowance + Mobility Allowance (+ Family Allowance)
- Rates in table are inclusive of employers' costs (e.g. Cuota Patronal, Seguridad Social, IRPF, etc)
- A **country coefficient** applies to the Living Allowance (e.g. **95,4 for Spain**, 120,3for UK)

Family Allowance: determined at the submission deadline

MSCA-IF Orçamento

MSCA Budget dedicated to Calls for Proposals



- MSCA IF 2018: 273 M€
- MSCA IF 2019: 295,62 M€
- MSCA IF 2020: 324 M€

MSCA Estadías (*secondments*)

- During the IF, can be seconded to any host organisation in Europe
- Ideally should take place in a different sector, i.e. academic to nonacademic or vice-versa
- **Have to take place in a Partner Organisation in a MS / AC**
- **Meaningful** and **appropriate** to the type of fellowship and research field
- Partner Organisations: no need to include a letter of commitment
- The secondment can be split into several shorter periods
- If you can't specify the precise host organisation for the secondment in the proposal, must at least specify the sector (academic or nonacademic), the timing and the purpose of the secondment

IF Duration	Duration max. secondment
≤ 18 months	3 months
> 18 months	6 months

MSCA formularios (B-1)

Part B-1:

The **maximum** total length for this document is **10 pages**. It should be composed as follows (detailed description below):

- Section 1: Excellence
- Section 2: Impact
- Section 3: Implementation

Of the **maximum 10 pages** applied to sections 1, 2 and 3, applicants are free to decide on the allocation of pages between the sections. However, the overall page limit will be strictly applied: after the call deadline, **excess pages will automatically be made invisible, and will not be taken into consideration by the experts.**

It is the responsibility of the applicant to verify that the submitted PDF documents are readable and are within the page limit. PDF documents can contain colours.

MSCA formularios (B-2)

Part B-2:

Part B-2 must contain sections 4-7 as described below. **No overall page limit** will be applied to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and one page per partner organisation).

- Section 4: CV of the experienced researcher (maximum length: 5 pages)
- Section 5: Capacities of the participating organisations (1 page for the overview and 1 page for each participating organisation)
- Section 6: Ethical aspects
- Section 7: Letter of commitment of the partner organisation (for GF only)

MSCA Avaliación

Evaluation Criteria

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

Threshold: 70%

No individual thresholds

PART B

DOCUMENT 1

1. Excellence
2. Impact
3. Implementation

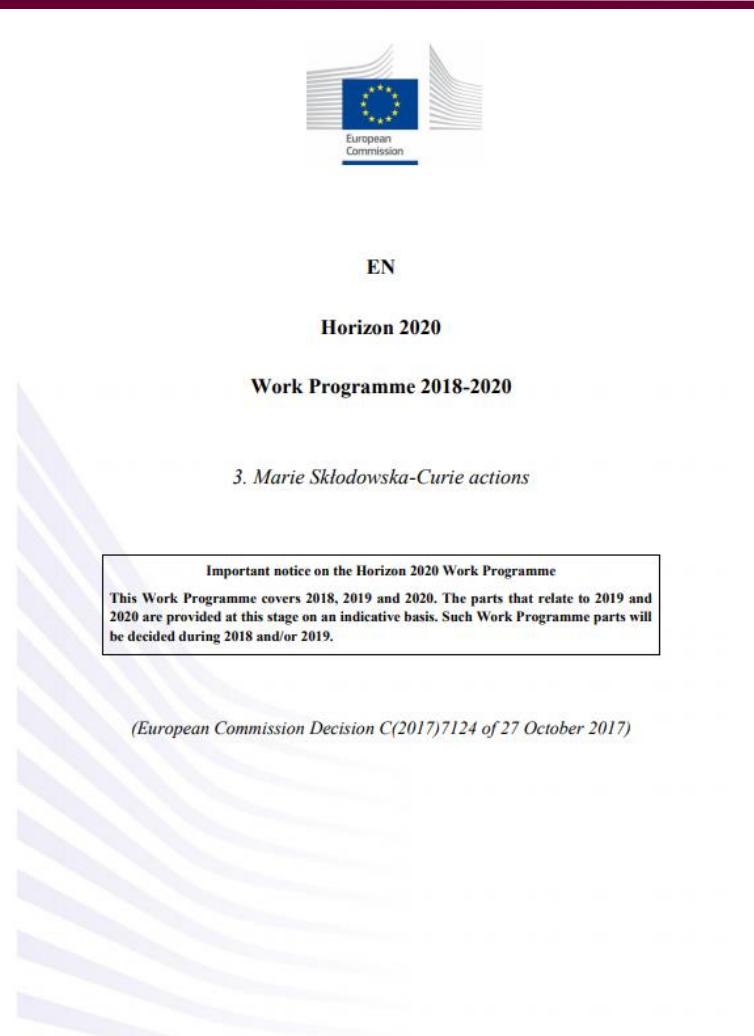
DOCUMENT 2

4. CV of the experienced researcher
5. Capacities of the participating organisations
6. Ethical aspects
7. Letters of Commitment of Partner Organisations (GF)



IF - Marie Skłodowska-Curie Individual Fellowships		
Excellence	Impact	Quality and efficiency of the implementation
Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the potential and future career prospects of the researcher	Coherence and effectiveness of the work plan
Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the allocation of tasks and resources
Quality of the supervision and of the integration in the team/institution	Quality of the proposed measures to communicate the project activities to different target audiences	Appropriateness of the management structure and procedures , including risk management
Capacity of the researcher to reach or re-enforce a position of professional maturity/independence		Appropriateness of the institutional environment (infrastructure)
50%	30%	20%

Documentos





Auto-avaliación

1. EXCELLENCE	
<i>The following aspects will be considered when assigning an overall score for this criterion:</i>	
☐ Quality and credibility of the research/innovation project (level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects)	
☐ Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	
☐ Quality of the supervision and of the integration in the team/institution	
☐ Potential of the researcher to reach or re-enforce professional maturity/independence during the fellowship	
<u>Strengths of the proposal (in bullet point format):</u>	
• • •	
<u>Weaknesses of the proposal (in bullet point format):</u>	
• • •	
<u>Overall comments:</u> (reflecting the relative importance of the above-mentioned strengths and weaknesses)	
• • •	
Score Criterion 1 (out of 5):	

2. IMPACT	
<i>The following aspects will be considered when assigning an overall score for this criterion:</i>	
☐ Enhancing the future career prospects of the researcher after the fellowship	
☐ Quality of the proposed measures to exploit and disseminate the project results	
☐ Quality of the proposed measures to communicate the project activities to different target audiences	
<u>Strengths of the proposal (in bullet point format):</u>	
• • •	
<u>Weaknesses of the proposal (in bullet point format):</u>	
• • •	
<u>Overall comments:</u> (reflecting the relative importance of the above-mentioned strengths and weaknesses)	
• • •	
Score Criterion 2 (out of 5):	



Auto-avaliación

3. IMPLEMENTATION	
<i>The following aspects will be considered when assigning an overall score for this criterion:</i>	
☐ Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources	
☐ Appropriateness of the management structures and procedures, including risk management	
☐ Appropriateness of the institutional environment (infrastructure)	
 <u>Strengths of the proposal (in bullet point format):</u>	
• • •	
 <u>Weaknesses of the proposal (in bullet point format):</u>	
• • •	
 <u>Overall comments:</u> (reflecting the relative importance of the above-mentioned strengths and weaknesses)	
• • •	
Score Criterion 3 (out of 5):	

Difusión e Comunicación

Dissemination (section 2.2)	Communication (section 2.3)
About <u>results only</u>	About the project and results
Audiences that may use the results in their own work e.g. peers (scientific or the project's own community), industry and other commercial actors, professional organisations, policymakers	Multiple audiences beyond the project's own community (include the media and the public)
Enable use and uptake of results	Inform and reach out to society , show the benefits of research
Grant Agreement art. 29	Grant Agreement art. 38.1
When results are available	Starts at the outset of the project

Estimación marco temporal

- Peche convocatoria: **11/09/2019**
- Avaliación: outubro-novembro 2019
- Resultados: Febreiro 2020
- Sinatura Grant Agreement: Maio 2020



MSCA EF- Notas de corte (conv. 2017)

 (CHE) 89,6	 CHE 90,8	 CHE 91,8	 CHE 91,4
 (PHY) 90,4	 PHY 91,2	 PHY 91,2	 PHY 90
 (MAT) 90,2	 MAT 91	 MAT 91,6	 MAT 91,6
 (LIF) 90,6	 LIF 92,4	 LIF 92,2	 LIF 93
 (ECO) 86,6	 ECO 89,8	 ECO 90,6	 ECO 89
 (ENG) 88,6	 ENG 90,8	 ENG 91,8	 ENG 91,4
 (SOC) 92,8	 SOC 92,2	 SOC 92,8	 SOC 91
 (ENV) 90,4	 ENV 92,2	 ENV 92	 ENV 92,2
 CAR 87,2	 CAR 91,2	 CAR 90,8	 CAR 91,4
 RI 90,8	 RI 92,2	 RI 92,6	 RI 93,4

SE 2016

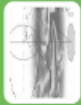
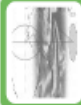
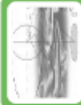
80,6

SE 2017

83,6



MSCA GF- Notas de corte (conv. 2017)

 (CHE) 93,6	 CHE 94	 CHE 93,6	 CHE 93,2
 (PHY) 93	 PHY 93,4	 PHY 92,6	 PHY 91,4
 (MAT) 92,2	 MAT 91,6	 MAT 88,6	 MAT 93,2
 (LIF) 91,8	 LIF 93,8	 LIF 92	 LIF 91,4
 (ECO) 92,4	 ECO 94	 ECO 94,4	 ECO 88,2
 (ENG) 93,8	 ENG 93,8	 ENG 93,6	 ENG 93
 (SOC) 92,8	 SOC 93,6	 SOC 95	 SOC 92,4
 (ENV) 93,4	 ENV 93,6	 ENV 93,6	 ENV 92,6



MSCA Tasas éxito

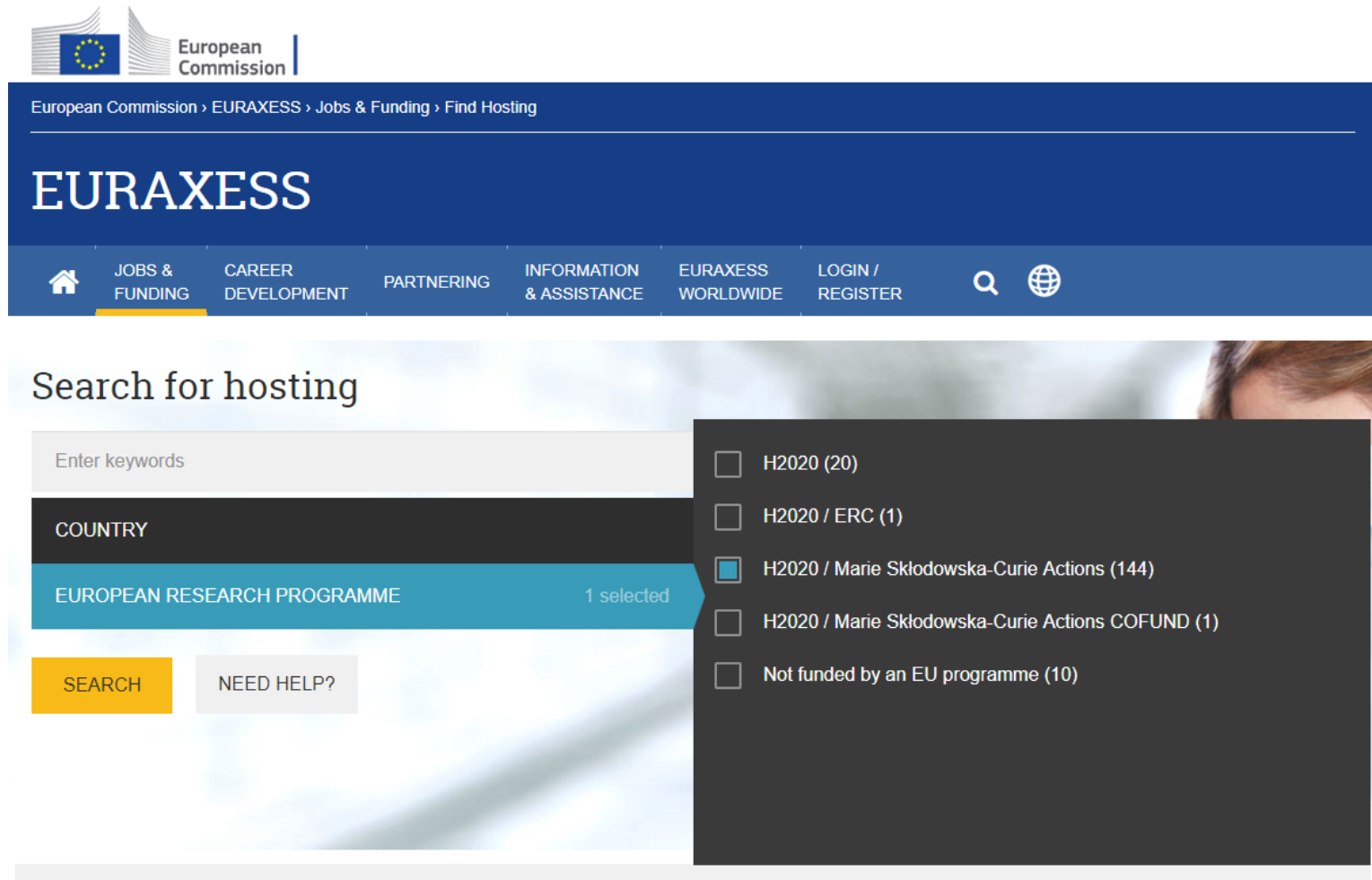
Success Rate MSCA IF-2014-2017

	2014	2015	2016	2017
MSCA EF-ST	18,62	14,20	13,10	14,56
MSCA EF-RI	18,46	14,57	13,40	14,28
MSCA EF-CAR	18,23	13,81	12,80	14,63
MSCA EF-SE	-	-	36,40	28,43
MSCA-GF	11,27	11,27	13,10	16,44

MSCA IF-2018 Resultados provisionais

- Contratación 1.350 investigadores/as
- España:
 - 24,28 M€ (**10,93%** UE28)
 - 158 proxectos
 - 2º país en número de proxectos financiados (RU)
 - 3º país receptor de fondos (RU, FR)

MSCA : EURAXESS Find hosting



European Commission | EURAXESS | Jobs & Funding | Find Hosting

EURAXESS

- Home
- JOBS & FUNDING
- CAREER DEVELOPMENT
- PARTNERING
- INFORMATION & ASSISTANCE
- EURAXESS WORLDWIDE
- LOGIN / REGISTER

Search for hosting

Enter keywords

COUNTRY

EUROPEAN RESEARCH PROGRAMME 1 selected

SEARCH NEED HELP?

- ☐ H2020 (20)
- ☐ H2020 / ERC (1)
- ☒ H2020 / Marie Skłodowska-Curie Actions (144)
- ☐ H2020 / Marie Skłodowska-Curie Actions COFUND (1)
- ☐ Not funded by an EU programme (10)

<https://euraxess.ec.europa.eu/jobs/hosting/search>





MSCA: Enlaces de utilidade

- Marie Curie Sklodowska-Curie Actions:
<http://ec.europa.eu/research/mariecurieactions/>
- Funding & tender opportunities:
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- European Charter & Code: <https://euraxess.ec.europa.eu/jobs/charter>
- EURAXESS: <https://euraxess.ec.europa.eu/>
- Oficina Europea : <http://eshorizonte2020.es>



ERC



ERC: Misión

The ERC's mission is to encourage the highest quality research in Europe through competitive funding and to support investigator-driven frontier research across all fields, on the basis of scientific excellence.

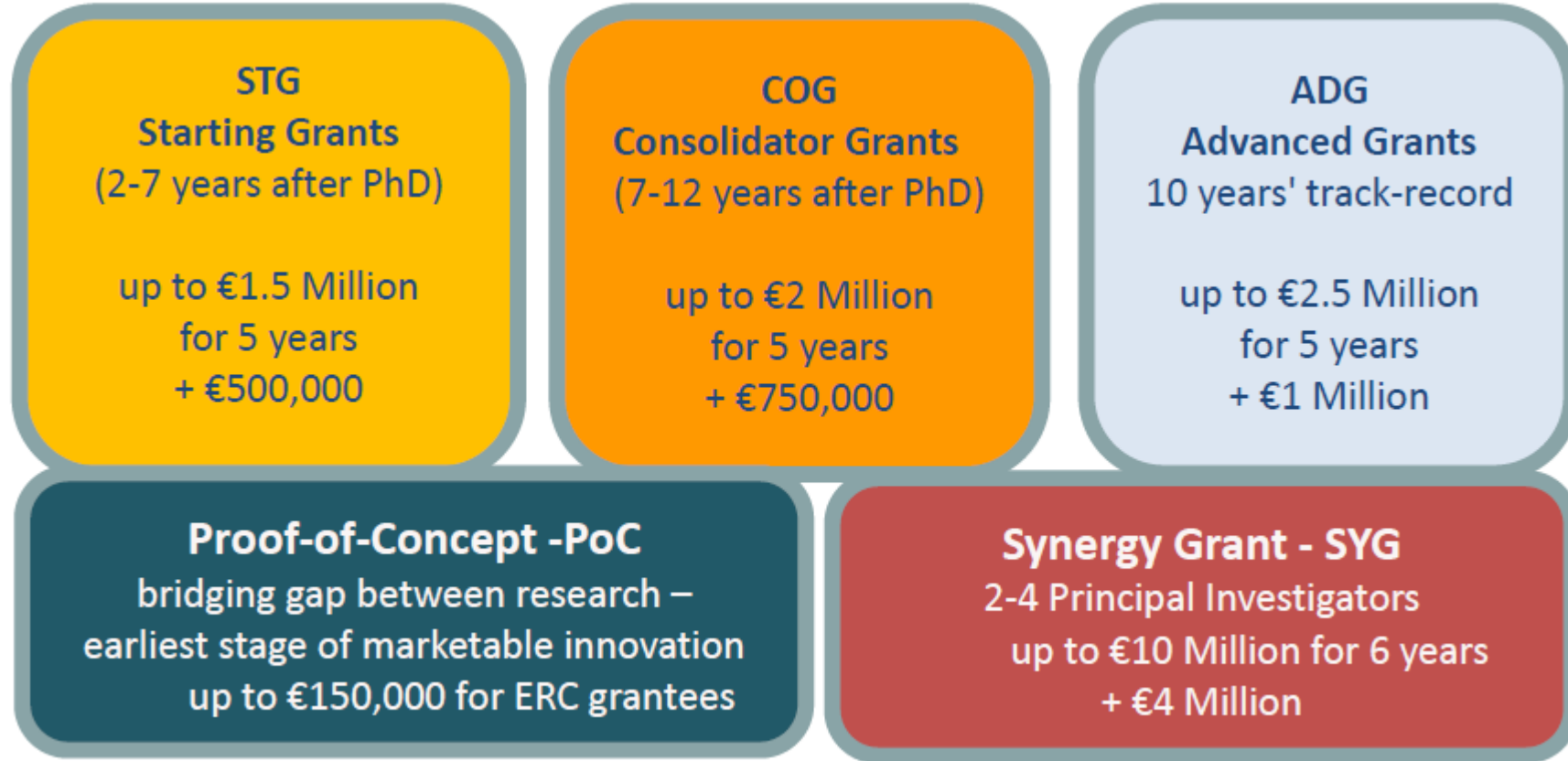
Esperase que a investigación punteira financiada polo ERC:

- teña un **impacto directo** considerable,
- permita avanzar cara á **fronteira do coñecemento**
- abrir o camiño a resultados científicos e tecnolóxicos novos e **novas áreas de investigación**

Todo isto para xerar ideas radicalmente novas que impulsen a innovación e afronten os retos sociais.



ERC funding schemes



Convocatorias ERC: Principales características

- ✓ La **excelencia** : único criterio de evaluación
- ✓ **Abierto a todas las líneas de investigación** (bottom-up)
- ✓ Se financian proyectos de investigación **individuales (IP)**
- ✓ Financiación atractiva [**StG**: 1,5 - 2,0M€, CoG 2M €- 2,75M€, **AdG**: 2,5 - 3,5M€]
- ✓ **Compromiso** de la Institución de acogida, que debe estar en Europa
- ✓ **Portabilidad** de las ayudas
- ✓ Incentivos a la atracción de talento de 3^{os} países (mayor dotación)

ERC Criterio de avaliación

Excelencia como el único criterio de evaluación:

- ❑ Excelencia IP
- ❑ Excelencia Proyecto científico

Investigador Principal

- Capacidad intelectual y creativa
- Compromiso; dedicación al proyecto

Proyecto

- Naturaleza “rompedora” y Potencial de impacto
- Metodología

StG PI Profile

- Any nationality or age
- Working or moving to work in Europe (MS or AC)
- 2-7 years after PhD
- Potential for independence & maturity
(potential for starting their own independent research team or programme)
- Good track-record of early research achievements
(appropriate to their research field & career stage)

StG: Independencia e traxectoria prometedora

Starting Grant

A competitive STG PI must have already shown the potential for research independence and evidence of maturity, for example by having produced at least one important publication as main author or without the participation of their PhD supervisor.

All PIs should also be able to demonstrate a promising track record of early achievements appropriate to their research field and career stage, including significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in leading international peer-reviewed journals of their respective field. They may also demonstrate a record of invited presentations in well-established international conferences, granted patents, awards, prizes etc.

ERC Elexibilidade e causas de extensión

StG-2020 PhD awarded (cut-off dates): 1 January 2013 to 31 December 2017

- Maternidad: 18 meses por hijo nacido antes o después de la obtención del título de doctor
- Paternidad: Tiempo real de permiso paternidad
- Enfermedad de larga duración del IP o familiar cercano (90 días)
- Servicio militar; prestación social sustitutoria, especialidad clínica

StG PI commitment

PI working time commitment on ERC project:

- Min. 50% (recommended 70-85%),
- Min. 50% of PI working time in a EU MS or AC

Formulario (A, B1, B2)


Proposal Submission Forms
 European Research Council Executive Agency

Please check our [wiki](#) for help on navigating the form.

Horizon 2020
Excellent Science

Call:
 ()

Topic:
Type of action:
 ()

Proposal number:

Proposal acronym:

Deadline ID:

Table of contents

Section	Title	Action
1	General Information	
2	Participants & contacts	
3	Budget	
4	Ethics	
5	Call-specific questions	

How to fill in the forms
 The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the steps in the submission wizard.

H2020-ERC-STG Ver 1.00 20180703

Page 1 of 15

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Applicant's last name

Part B1

ACRONYM

ERC Starting Grant 2019
Research proposal [Part B1]¹
(Part B1 is evaluated both in Step 1 and Step 2, Part B2 is evaluated in Step 2 only)

Proposal Full Title

PROPOSAL ACRONYM

Cover Page:

- Name of the Principal Investigator (PI)
- Name of the PI's host institution for the project
- Proposal duration in months

Text highlighted in grey should be deleted.

Proposal summary (identical to the abstract from the online proposal submission forms, section 1).

The abstract (summary) should, at a glance, provide the reader with a clear understanding of the objectives of the research proposal and how they will be achieved. The abstract will be used as the short description of your research proposal in the evaluation process and in communications to contact in particular the potential remote referees and/or inform the Commission and/or the programme management committees and/or relevant national funding agencies (provided you have permission to do so where requested in the online proposal submission forms, section 1). It must therefore be short and precise and should not contain confidential information.

Please use plain typed text, avoiding formulae and other special characters. The abstract must be written in English. There is a limit of 2000 characters (spaces and line breaks included).

Explain and justify the cross-panel or cross domain nature of your proposal, if a secondary panel is indicated in the online proposal submission forms. There is a limit of 1000 characters, spaces and line breaks included.

¹ Instructions for completing Part B1 can be found in the 'Information for Applicants to the Starting and Consolidator Grant 2019 Call'.

Applicant's last name

Part B2

ACRONYM

ERC Starting Grant 2019
Research proposal [Part B2]¹
(not evaluated in Step 1)

Part B2: *The scientific proposal* (max. 15 pages, references do not count towards the page limits)

Text highlighted in grey should be deleted.
 Please respect the following formatting constraints: Times New Roman, Arial or similar, at least font size 11, margins (2.0 cm side and 1.5 cm top and bottom), single line spacing.

Section a. State-of-the-art and objectives

Section b. Methodology

Section c. Resources (including project costs)
 (Note: State and fully justify the amount of funding considered necessary to fulfil the objectives for the duration of the project. To facilitate the assessment of resources by the panels, the use of the following budget table is required. All eligible costs requested, should be included in the budget. Please use whole euro values only.)

¹ Instructions for completing Part B2 can be found in the 'Information for Applicants to the Starting and Consolidator Grant 2019 Call'.



Formularios

Parte A – Formularios online

A1 Inf. Propuesta, IP, HI

Exclusión evaluadores

A2 Host Institution

A3 Presupuesto

Parte B1 – documento pdf

Sección 1 trayectoria del IP

a) Sinopsis extendida (5 pags)

b) CV (2 pags) (incluye modelo)

c) Trayectoria científica (2 pags)

Anexos – documentos pdf

Carta compromiso

Temas éticos y de seguridad

Parte B2 – documento pdf

Sección 2

- Propuesta científica (15 págs.)



Evaluation

- 2 step procedure
- Goal: select the best frontier research proposals
- Sole evaluation criteria: **excellence** (IP & project)
- Method: **peer review**
- Structure: **25 panels** distributed in 3 scientific domains
- Each panel consists of 1 panel chair and 12-16 panel members

Criterios de avaliación

1. Research Project - Ground-breaking nature, ambition and feasibility

Ground-breaking nature and potential impact of the research project

- To what extent does the proposed research address important challenges?
- To what extent are the objectives ambitious and beyond the state of the art (e.g. novel concepts and approaches or development between or across disciplines)?
- To what extent is the proposed research high risk/high gain (i.e. if successful the payoffs will be very significant, but there is a higher-than-normal risk that the research project does not entirely fulfil its aims)?

Scientific Approach

- To what extent is the outlined scientific approach feasible bearing in mind the extent that the proposed research is high risk/high gain *[based on the Extended Synopsis at step 1]*?
- To what extent are the proposed research methodology and working arrangements appropriate to achieve the goals of the project *[to be assessed at step 2 based on parts B1 and B2]*?
- To what extent does the proposal involve the development of novel methodology *[to be assessed at step 2 based on parts B1 and B]*?
- To what extent are the proposed timescales, resources and PI commitment adequate and properly justified *[to be assessed at step 2 based on parts B1 and B2]*?

2. Principal Investigator - Intellectual capacity and creativity

- To what extent has the PI demonstrated the ability to conduct ground-breaking research?
- To what extent does the PI provide evidence of creative independent thinking?
- To what extent does the PI have the required scientific expertise and capacity to successfully execute the project?

Evaluation panels

Physical Sciences & Engineering

- **PE1** Mathematics
- **PE2** Fundamental Constituents of Matter
- **PE3** Condensed Matter Physics
- **PE4** Physical & Analytical Chemical Sciences
- **PE5** Synthetic Chemistry and Materials
- **PE6** Computer Science & Informatics
- **PE7** Systems & Communication Engineering
- **PE8** Products & Process Engineering
- **PE9** Universe Sciences
- **PE10** Earth System Science

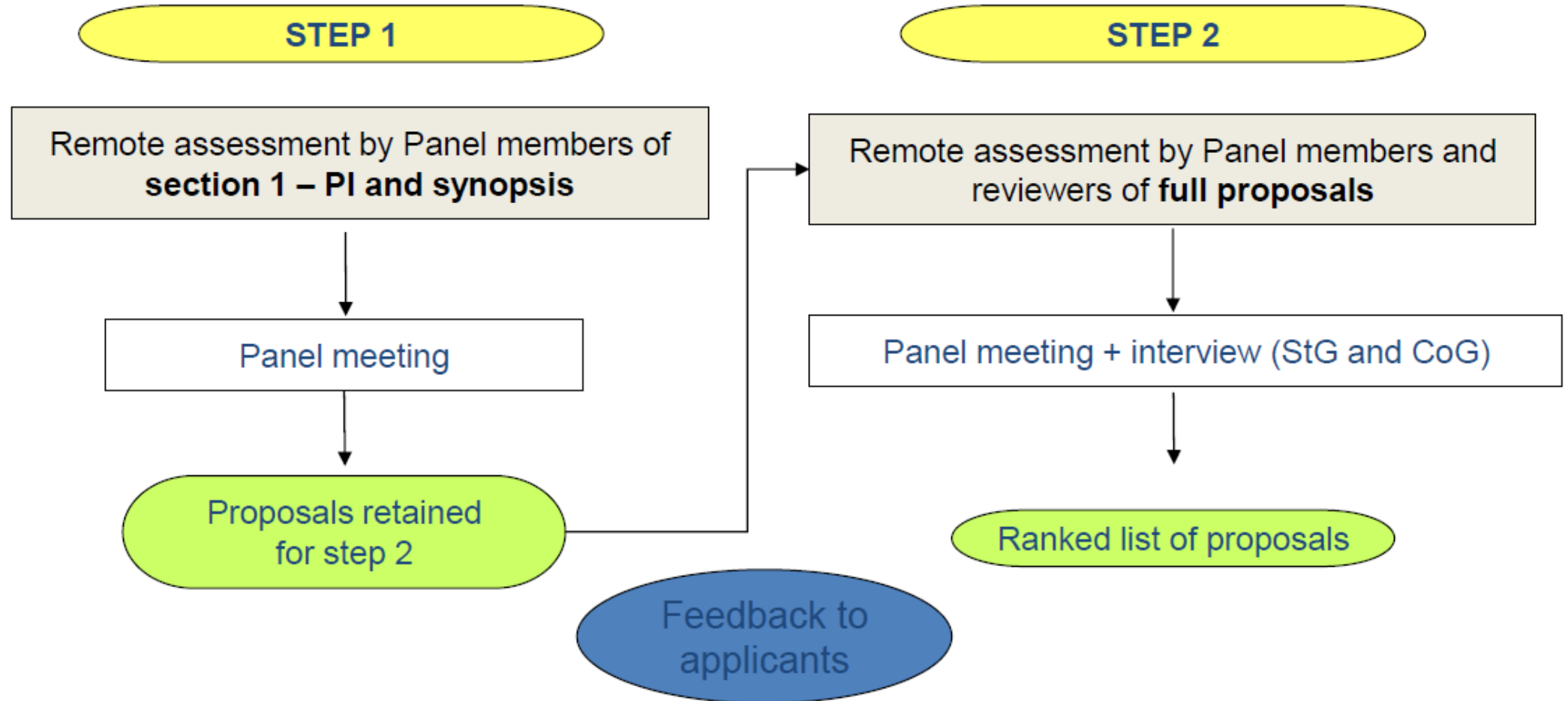
Social Sciences and Humanities

- **SH1** Individuals, Markets and Organizations
- **SH2** Institutions, Values, Environment and Space
- **SH3** The Social World, Diversity and Population
- **SH4** The Human Mind and Its Complexity
- **SH5** Cultures and Cultural Production
- **SH6** The Study of the Human Past

Life Sciences

- **LS1** Molecular Biology, Biochemistry, Structural Biology and Molecular Biophysics
- **LS2** Genetics, 'Omics', Bioinformatics and Systems Biology
- **LS3** Cellular and Developmental Biology
- **LS4** Physiology, Pathophysiology and Endocrinology
- **LS5** Neurosciences and Neural Disorders
- **LS6** Immunity and Infection
- **LS7** Applied Medical Technologies, Diagnostics, Therapies and Public Health
- **LS8** Ecology, Evolution and Environmental Biology
- **LS9** Applied Life Sciences, Biotechnology and Molecular and Biosystems Engineering

Evaluation steps (StG, CoG, AdG)



Ranking & Scoring in Step 1

- Proposals are ranked by the panels on the basis of the individual reviews and the panels' overall appreciation of their strengths and weaknesses.
- Proposals will be retained for Step 2 based on the ranked list and the determined budgetary cut-off level.
- Applicants will be informed on the score attained by their proposal:
 - Sufficient quality to pass to Step 2 of the evaluation,.
 - **B**: is of high quality but not sufficient to pass to Step 2 of the evaluation.
 - **C**: is not of sufficient quality to pass to Step 2 of the evaluation.
- Applicants will be told the ranking range of their proposal out of the proposals evaluated by the panel.

Restrictions for re-submission

StG, CoG and AdG funding schemes:

- Those who receive B in Step 1 have to wait out one year to apply again to the StG, CoG or AdG calls
- Those who receive a C will have to wait out two years to apply again to the StG, CoG or AdG calls

Ranking & Scoring in Step 2

- Proposals are ranked by the panels on the basis of the individual reviews and an overall appreciation of their strengths and weaknesses.
- Proposals will be recommended for funding based on the ranked list and the funds available.
- Applicants will be informed on the score attained by their proposal:
 - **A:** fully meets the ERC's excellence criterion and is recommended for funding if sufficient funds are available.
 - **B:** meets some but not all elements of the ERC's excellence criterion and will not be funded.
- Applicants will be told the ranking range of their proposal out of the proposals evaluated by the panel.

ERC StG-2020 calendar (estimated)



Algunhas recomendacións

- Leer o programa de traballo e os documentos de apoio para preparar a proposta.
- Consultar os proxectos financiados no mesmo panel en convocatorias anteriores
- Comparar o CV co dos beneficiarios de convocatorias anteriores
- Pedirlle a colegas que lean a proposta

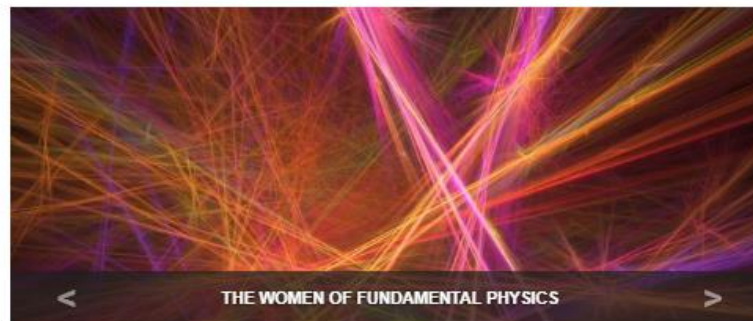
USEFUL DOCUMENTS

[ERC Work Programme 2019](#)

[ERC Starting Grants 2019 –](#)

[Information for applicants](#)

[ERC Guide for Peer Reviewers 2019](#)



NEWS

> MORE NEWS

01-04-2019

Media Advisory: Press conference on first results from the Event Horizon Telescope

15-03-2019

ERC's 2018 annual report is out

28-03-2019

222 scientists win the European Research Council's Advanced Grants

13-02-2019

New opportunities for top Australian talent

ALL ABOUT ERC FUNDING

ERC STARTING GRANTS

Grants up to 1.5€ million for 5 years
For promising early-career researchers with 2 to 7 years experience after PhD

ERC CONSOLIDATOR GRANTS

Grants up to 2€ million for 5 years
For excellent researchers with 7 to 12 years experience after PhD

ERC ADVANCED GRANTS

Grants up to 2.5€ million for 5 years
For established research leaders with a recognised track record of research achievements

ERC PROOF OF CONCEPT

Lump Sum Grant of 150.000€
For existing ERC grant holders to bring their research ideas closer to market

OPEN CALLS

Proof of Concept | [ERC-2019-PoC](#)

[Information for applicants](#)

[Instruction guide for using html5](#)

Deadline: 25 Apr 2019, 19 Sep 2019

The official deadlines are only those indicated on the [Funding and Tenders Portal](#)

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Magazine

MARCH 2019

This month we follow scientists roaming the seven seas, understand why a USA researcher would choose to work in the EU, see what the European Parliament is doing for science communication, and check out how Czech Charles University attracts ERC grants.

EVENTS

07-04-2019 to 12-04-2019

[EGU2019](#)

<https://erc.europa.eu/>



Máis información

- Información e documentos convocatoria Starting Grant:

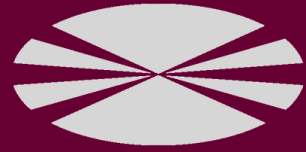
<https://erc.europa.eu/funding/starting-grants>

- Proxectos financiados:

<https://erc.europa.eu/projects-figures/erc-funded-projects>

- Membros dos paneis de StG:

- <https://erc.europa.eu/document-library/results?title=panel+starting+grant&=Apply>



UNIVERSIDADE DA CORUÑA

Moitas grazas

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OTIL

Oficina de Transferencia de Resultados de Investigación