# **European Research Council Convocatorias WP 2024**

22 mayo 2023 Leticia Riaza y Estefanía Muñoz NCPs ERC. FECYT

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impulsamos la participación y liderazgo de la comunidad investigadora y centros de I+D españoles en Horizonte Europa



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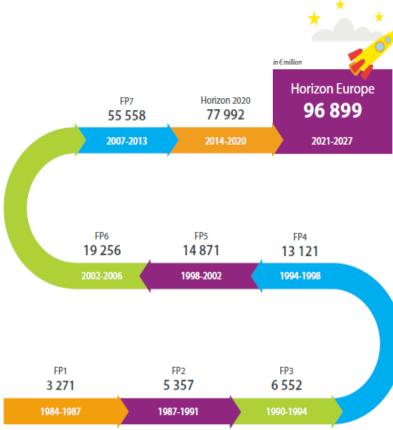
# Técnica soporte a servicios ERC



**Carmen Estévez** FECYT, MCIN



# Horizon Europe 2021-2027





https://data.europa.eu/doi/10.2777/202859



### **HORIZON EUROPE BUDGET**

Horizon Europe programme structure

		memmon
	EXCELLENT SCIENCE of which	25 011
UB	The European Research Council (ERC)	16 004
	Marie Skłodowska-Curie Actions (MSCA)	6 602
	Research infrastructures	2 406

Total

(ES)	GLOBAL CHALLENGES AND EUROPEAN INDUSTRIAL COMPETITIVENESS of which		53 516
ЯK	Health	8 246	
	Culture, creativity and inclusive society	2 280	
	Civil Security for Society	1 596	
	Digital, Industry and Space	15 349	
	Climate, Energy and Mobility	15 123	
	Food, Bioeconomy, Natural Resources, Agriculture and Environment	8 952	
	Non-nuclear direct actions of the Joint Research Centre (JRC)	1 970	

(T)	INNOVATIVE EUROPE of which	1	3 597
	European Innovation Council (EIC)	10 105	
	European innovation ecosystems	527	
	European Institute of Innovation and Technology (EIT)	2 965	

Ů.	WIDENING PARTICIPATION & STRENGTHENING THE EUROPEAN RESEARCH AREA of which Widening participation and spreading excellence		3 393
*	Widening participation and spreading excellence	2 955	
	Reforming and enhancing the European R&I System	438	

TOTAL HORIZON EUROPE 95 517
TOTAL 2021-2025 EURATOM 1 382

### Pillar I- Excellence Science

		in € million	
EXCELLENT SCIENCE of which		25 011	
The European Research Council (ERC)	16 004	64	4%
Marie Skłodowska-Curie Actions (MSCA)	6 602	27	7%
Research infrastructures	2 406	99	%

**Total** 



EUR 16 billion

ERC budget in Horizon
Europe

17%

of the entire Horizon Europe budget





# What is European Research Council mission?

The ERC is based on a simple idea:

ERC supports the **best researchers** to work in Europe on their **best ideas**.

The sole criterion for selection is **scientific excellence**.









Abierto a investigadores/as de todo el mundo

Proyectos individuales de larga duración

Sin prioridades temáticas

Investigación de frontera, "alto riesgo/alto beneficio"

en cualquier campo científico

Unico criterio de evaluación: **excelencia científica** de la propuesta de investigación y del investigador principal

Evaluación por científicos de alto prestigio internacional

Ofrece al personal investigador: Independencia, reconocimiento y visibilidad



### ERC: What is?

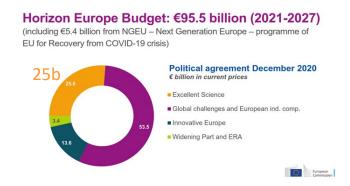


### Funding: Horizon Europe budget (2021-2027) Pilar I

EUR 16 billion

ERC budget in Horizon Europe

17%
of the entire
Horizon Europe
budget





The Scientific Council (ScC) <a href="https://erc.europa.eu/about-erc/erc-president-and-scientific-council">https://erc.europa.eu/about-erc/erc-president-and-scientific-council</a>

**22** prominent researchers appointed by the EU Commission Scientific Strategy, Quality control of evaluation process, communication Strategy



The ERC Executive Agency (ERCEA) https://erc.europa.eu/about-erc/erc-executive-agency-ercea

Implementation of the calls for proposals, management of the grants



### **ERC The Scientific Council**

The Scientific Council is composed of 22 eminent scientists and scholars.

The members are appointed by the EC, on the recommendations of an independent Identification Committee.

The term of office of the members of the Scientific Council is limited to 4 years, renewable once.

Maria Leptin is the President of the ERC since 1 November 2021, former Director of EMBO (European Molecular Biology Organization)





































## ERC main grant Schemes + proof of concept

#### STARTING GRANTS

Grants up to **1.5€ million** for 5 years

For promising early-career researchers with 2 to 7 years experience after PhD

To develop their career and establish their own team

PI Commitment: >50%

#### **CONSOLIDATOR GRANTS**

Grants up to **2€ million** for 5 years

For excellent researchers with 7 to 12 years experience after PhD

To consolidate their research team or programme

PI Commitment: >40%

#### **ADVANCED GRANTS**

Grants up to **2.5€ million** for 5 years

For **established research leaders** with a recognised 10 years track record of research achievements

To develop a new and outstanding project

PI Commitment: >30%

#### **SYNERGY GRANTS**

Grants up to **10€ million** for 6 years

To address ambitious research questions that can only be answered by the coordinated work of a small group of 2-4 principal Investigators

PI Commitment: >30%

- Minimum 50% of PI working time in an EU Member Sate or Associated Country
- **Additional funding** up to **1M**€ (4M€ SyG) when these are necessary to carry out the proposed work:
  - •"start-up" costs for PIs moving to the EU or an AC from elsewhere as a consequence of receiving the ERC grant and/or
  - •the purchase of major equipment and/or
  - •access to large facilities and/or
  - •other major experimental and field work costs, excluding personnel costs.
- Extensions eligibility window: Maternity (18M), Paternity, Long-term illness or national service, Clinical training, Asylum seeker, Victim of a natural disaster





## ERC main grant Schemes + proof of concept

#### STARTING GRANTS

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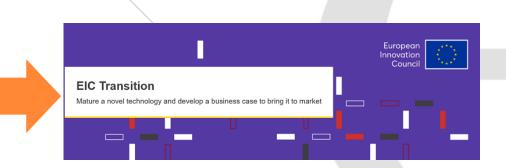
To address ambitious research questions that can only be answered by the coordinated work of a small group of 2-4 principal Investigators

PI Commitment: >30%

### **PROOF OF CONCEPT**

Lump Sum Grant of **150.000€** for 18 months

For existing ERC grant holders to bring their research ideas closer to market/society





### ERC Guides - 3 essential documents

### **ERC Work Programme**

1 / calls calendar



ERC Work Programme 2024

To be adopted early summer 2023

### Information for Applicants

- IfA to StG & CoG calls
- IfA to AdG call
- IfA to SyG call
- IfA to PoC call



#### **Guide for Peer Reviewers**

- GfPR StG & CoG calls
- GfPR AdG call
- GfPR SyG call
- GfPR PoC call







### **ERC WP 2023 Calendar**

### **ERC WP 2024 Calendar**

#### Indicative summary of calls from the 2023 budget<sup>19</sup>

	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
Call identifier	ERC-2023-StG	ERC-2023-CoG	ERC-2023-AdG	ERC-2023-SyG
Call opens	12/07/2022	28/09/2022	08/12/2022	13/07/2022
Call deadline	25/10/2022	02/02/2023	23/05/2023	08/11/2022
Budget million EUR (estimated number of grants)	628 (407)	595 (300)	597 (246)	300 (30)
Planned dates to inform applicants after each step	26/05/2023 25/08/2023	07/07/2023 08/12/2023	19/01/2024 19/04/2024	04/05/2023 04/09/2023 14/11/2023
Indicative date for signature of grant agreements	23/12/2023	06/04/2024	17/08/2024	02/04/2024

#### Tentative calendar of 2024 calls

The ERC Scientific Council has agreed on a tentative calendar, which may be subject to change. For the 202 ERC calls, there will be two cut-off dates for the Proof of Concept grant call.

	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant	Proof of Concept Grant
Call opens	11/07/2023	12/09/2023	29/05/2024	12/07/2023	16/11/2023
Deadline to submit applications	24/10/2023	12/12/2023	29/08/2024	08/11/2023	14/03/2024 17/09/2024
Budget	€601m	€584m	€578m	€400m	€30m

This information is without prejudice and subject to the formal adoption of the 2024 ERC Work Programme. It is meant to allow the scientific community, including prospective applicants, to be prepared for the changes ahead of the publication of the individual calls.







### ERC WP 2024 - main novelties

Evaluation of ERC grant proposals	No prescriptive Principal Investigator profiles  New Curriculum Vitae and Track Record template  Evaluation primarily focused on the ground-breaking nature, ambition,  and feasibility of the proposed research project  Streamlined evaluation questions
Lump sums implementation for ERC-Advanced Grant call	A lump sum contribution for the entirety of the project defined upfront Payment based on completion of activities and not on successful outcome Additional funding and portability available
Panel re-organization	New Panel – SH8 – Studies of Cultures and Arts Regorganization LS3 and LS5
Evaluation	No budget multiplier in StG, CoG, AdG: up to 44 proposals per panel in Step 2 New A-score at Step 1 (StG, CoG, AdG, SyG):
Proof of Concept	Two cut-off dates instead of three



## Convocatorias individuales StG, CoG, AdG

- Estructura de propuesta
- Proceso y criterios de evaluación



### ERC Individual Schemes - Profile

#### STARTING GRANTS

1.5€ million for 5Y

2 to 7 years experience after PhD

PI Commitment: >50%

#### **PROFILE**

must have already shown the potential for research independence and evidence of maturity, e.g. at least one important publication as main author or without the participation of their PhD supervisor

### **CONSOLIDATOR GRANTS**

2€ million for 5Y

7 to 12 years experience after PhD

PI Commitment: >40%

#### **PROFILE**

must have already shown evidence of research independence.

#### **ADVANCED GRANTS**

2.5€ million for 5Y

**Last 10 years** of research achievements. No PhD needed

PI Commitment: >30%

#### **PROFILE**

researchers and to have a track record of significant research achievements



### ERC 2023 achievements track record\*

\*(last 10 Years AdG)

(Record of achievements <u>appropriate to the field</u> and at least matching one or more of the following benchmarks)

- Up to five (StG)/up to ten (CoG) publications in major international peer-reviewed (p-r) multi-disciplinary scientific journals and/or in the leading international p-r journals p-r conferences proceedings and/or monographs of their respective research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor
- Up to ten (AdG) representative publications, from the last ten years, as main author (or in those fields where alphabetic order of authorship is the norm, joint author) in major international p-r multi-disciplinary scientific journals and/or in the leading international p-r journals and p-r conference proceedings of their respective research fields

(properly referenced, field relevant hibliometric indicators may also be included); **preprints** may be included, if **freely available** from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);

- Research monographs and any translations thereof Up to three (AdG)
- Granted patents Up to five (AdG)
- Invited presentations to internationally established conferences and/or international advanced schools Up to tep (AdG)
- Prizes, awards, academy memberships
- Research expeditions that the applicant PI has led Up to three (AdG)
- Organisation of international conferences in the field of the applicant (membership in the steering and/or organising committee) (AdG)
- Major contributions to the early careers of excellent researchers (AdG)
- Examples of innovation leadership (AdG)



ERC WP 2024 cambios en la forma de "medir" el track record.

# The Declaration on Research Assessment (DORA)

- Journal Impact Factor NOT allowed
- Short narrative achievements

**COARA** The Agreement on Reforming Research Assessment

### ERC 2023 achievements track record\*

# The Declaration on Research Assessment (DORA)

- Journal Impact Factor NOT allowed
- Short narrative achievements

**COARA** The Agreement on Reforming Research Assessment

#### SELECTED ACHIEVEMENTS



Front-page feature on international migration in *The New York Times* based on my PhD research (2007)



An international research

Award of largestever project grant in the welfare research area of the Research Council of Norway (2010)



Co-editing the 50th Anniversary Issue of the International Migration Review, the most prominent journal in my field



Discovery of 'scripts' as a conceptual tool for making sense of the social dynamics of remittances (2014)



Invitation to serve as expert panellist on migrant smuggling, United Nations, Vienna (2017)

https://jorgencarling.files.wordpress.com/2019/10/carling-erc-cv-and-track-record.pdf

### GOMERNO MINISTERIO DE ESTAVOA CIO Ó RENOVACION LE RE O VA CI Ó R

### Section B1c Early achivements track-record

Selected publications in leading peer-reviewed journals and selected book chapters

Journal rank quartile from ISI Web-of-Science Journal Citation Reports if available; in all other cases, journal category from European Science Foundation ERIH Initial List: Linguistics (2007)

- M. **Baroni** and A. Lenci. To appear. Distributional Memory: A general framework for corpus-based semantics. *Computational Linguistics*. Journal ranked in Q1 of *Linguistics* and *Computer Science*, *Interdisciplinary Applications*. Citations: 1. Here and in the Cognitive Science paper below, I introduce a new corpus-based semantic model of word meaning that adapts flexibly to multiple semantic tasks and shares interesting properties with human semantic cognition. The model and its extensive evaluation work reported in these articles will constitute starting points for COMPOSES model and evaluation.
- G. Kremer and M. **Baroni**. To appear. A set of semantic norms for German and Italian. *Behavior Research Methods*. Journal ranked in Q1 of *Psychology, experimental* and *Psychology, mathematical*. Citations: 0.
- M. **Baroni**, B. Murphy, E. Barbu and M. Poesio. 2010. Strudel: A corpus-based semantic model based on properties and types. *Cognitive Science* 34 (2): 222-254. Journal ranked in Q1 of *Psychology*, *experimental*. Citations: 9.

Pirrelli, E. Guevara and M. Baroni. 2010. Computational issues in compound parsing. In S. Scalise and I. Vogel (eds.), Cross-disciplinary issues in compounding, Amsterdam: Benjamins: 271-286. Citations: 0.
 Baroni, S. Bernardini, A. Ferraresi and E. Zanchetta. 2009. The WaCky Wide Web: A collection of very large linguistically processed Web-crawled corpora. Journal of Language Resources and Evaluation 43 (3): 209-226. ERIH B category (formerly Computers and the Humanities, ERIH A category). Citations:

28. The corpus construction and annotation work described here has recently been extended with a full dependency parse of the English corpus and of the English Wikipedia. The resulting enlarged corpus will constitute the main data source of COMPOSES.

**Baroni**, E. Guevara and R. Zamparelli. 2009. The dual nature of deverbal nominal constructions: Evidence from acceptability ratings and corpus analysis. *Corpus Linguistics and Linguistic Theory* 5 (1): 27-60. ERIH C category. Citations: 1. We study a linguistic problem by combining corpus data, Web-collected graded linguistic judgments and advanced statistical analysis (mixed effect linear models). We will apply similar elicitation and analysis techniques in COMPOSES.

## ERC 2024 CV + track record (4 pages)

# The Declaration on Research Assessment (DORA)

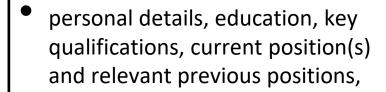
- Journal Impact Factor NOT allowed
- Short narrative achievements

**COARA** The Agreement on Reforming Research Assessment

A short explanation of the significance of the selected outputs, the role of the applicant in producing each of them, and how they demonstrate the applicant's capacity to successfully carry out their proposed project may be included, as well as a short explanation of the importance of the listed examples of significant peer recognition.

The applicant may also include relevant information on, for example, career breaks, unusual career paths, as well as any particularly noteworthy contributions to the research community. These will not in themselves be evaluated but are important to provide context to the evaluation panels when assessing the principal investigator's research achievements and peer recognition in relation to their career stage.

### **CV and Track Record**



- a list of up to 10 research outputs that demonstrate how the applicant has advanced knowledge in their field, with an emphasis on more recent achievements,
- a list of selected examples of significant peer recognition.





## ERC extensions to the eligibility window

### WP2024. Cut-off dates

#### STARTING GRANTS

**ERC-Starting Grant 2024.** 

**Cut-off dates:** 

Successful defence of PhD between 1 January 2017 and 31 December 2021 (inclusive)

#### **CONSOLIDATOR GRANTS**

**ERC-Consolidator Grant 2024.** 

**Cut-off dates:** 

Successful defence of PhD between 1 January 2012 and 31 December 2016 (inclusive)

#### **ADVANCED GRANTS**

**ERC-Advanced Grant 2023 ERC-Advanced Grant 2024** 

no specific criteria

**Consideration of achievements** beyond 7 and 12 years for the Starting and Consolidator Grants or over a longer period - past 10 years for the Advanced grants. **Circumstances:** 

- Maternity: 18 months extension for each child born before or after the PhD award. Longer maternity leave may be taken into account.
- Paternity: elapsed time of paternity leave taken until the call deadline for each child born before or after the PhD award.
- Long-term illness or national service: amount of leave taken by the Principal Investigator until the call deadline for each incident which occurred after the PhD award date.
- **Clinical training:** amount of clinical training received by the PI after the award of the first eligible degree and until the call deadline, up to a maximum of 4 years.
- seeking asylum: inability to work before the call deadline and after PhD.
- being a victim of a natural disaster: inability to work before the call deadline and after PhD.



### PhD reference date



! WP2023: PhD reference date for the calculation of the eligibility period from the date of the actual award according to the national rules of the country where the degree was awarded to the date of the successful PhD defence.

De acuerdo con el Real Decreto 1002/2010, de 5 de agosto, sobre expedición de títulos universitarios oficiales, en su artículo 3, punto 4 establece lo siguiente:

4.Los títulos universitarios oficiales, expedidos de conformidad con lo previsto en este real decreto, surtirán efectos plenos desde la fecha de la completa finalización de los estudios correspondientes a su obtención.

La fecha de expedición del título se corresponde con la fecha de abono de las tasas para su expedición. La legislación española dice, por tanto, que es la fecha de completa finalización (cumplimiento del último de los requisitos = día de lectura), no el de expedición, lo que hay que considerar.

https://www.boe.es/buscar/doc.php?id=BOE-A-2010-12621

Por tanto, para el caso de los títulos de PhD expedidos en España, no cambia nada. Se seguirá considerando el día de defensa del título, como hasta ahora.



Imperial Coll London	ege			
TO WHOM IT MAY CONC	ERN			
Surname: Forenames:				
	oove named student was registered at as a Full Time Postgraduate student.	this College in the		
Course:	Chemistry Research			
Period of Study:	29 September 2012 to 28 Septem	ber 2016		
Qualification Obtained and Awarding Body:	Diploma of the Imperial College (I PhD degree of Imperial College L			
Date of Award:	1 February 2016			
Research Topic: Thesis Title:				
	submitted his thesis for exam on 2	8 October 2015; he was orally		
examined (viva voce) on 20 November 2015. His examiners determined he pass, subject to completing minor thesis amendments to their satisfaction.  The candidate's examiners accepted the amended thesis for award on 12 January 2016.  The degree was awarded 1 February 2016 in line with the College's procedures.				
Imperial College London became a university in its own right with its own degree-awarding powers in July 2007, and accordingly appears in the United Kingdom Department for Business Innovation & Skills list of "recognised bodies" at <a href="https://www.bis.qov.uk/policies/higher-education/recognised-uk-degrees">www.bis.qov.uk/policies/higher-education/recognised-uk-degrees</a> .				

### **Project Budget**

Up to [1,5; 2; 2,5] million euros for 5 years (60 months)

**Additional funding** up to **1M**€ when these are necessary to carry out the proposed work:

- "start-up" costs for PIs moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or
- the purchase of major equipment and/or
- access to large facilities and/or
- other major experimental and field work costs, excluding personnel costs.

All funding requested is assessed during evaluation.

These costs are justified separately in the proposal.

There is no definition of "equipment" or "facilities" and all requests will be evaluated by the peer review panel.



### EU contribution and management of the grant

An ERC grant can cover up to **100% of the total eligible direct costs** of the research **plus 25%** contribution towards **indirect costs**.



Lump sums implementation for ERC-

Advanced Grant 2024 call

#### Direct costs:

- Personnel costs (PI + research team)
- Purchases of equipment, infrastructure, or other assets (depretiation according HI rules & capitalised costs)

2023

- Consumables
- Travels, publications,...

An applicant can request to include in the GA equipment, infrastructure, or other assets purchased specifically for the action that may exceptionally be declared as full capitalised costs.

- Se aplican las reglas de la Host Institution
- Flexibilidad: se aceptan modificaciones mediante enmiendas al GA
- Informes: (2) Informes científicos a la mitad y final del proyecto y
   (4) Financieros cada 18 meses
- Las ayudas reciben entre 25-40% de pre-financiación
- Gestión de los fondos por parte del IP
- Las ayudas son portables



### The Host Institution (HI)



Any type of legal entity, private or public (universities, research centres, industry,...)

Based in one of the EU Member States, or one of the Associated Countries.

The PI does not necessarily need to be working at the Host Institution at the time when the proposal is submitted.

The HI is not an evaluation criteria, but a HI commitment letter is needed with the proposal.

Must host and engage the PI for the whole duration of the action

Must guarantee the PI scientific independence

Must provide research support and administrative assistance (if granted)



Signature of the Grant Agreement Signature of a Supplementary Agreement with the PI

### **Gender Equality Plan**

The organization must have a Gender Equality Plan (GEP) at the time of signing the grant agreement



# The ERC proposal

Intrigue (part B1)
Convince (part B2)
Inspire (Parts B1+B2+ interview)















- Important challenges
- Ambitious objectives (novel concept or approach)
- Feasibility of outlined scientific approach
- Appropriate methodology and working arrangements
- Novel methodology
- Timescales and resources and PI commitment



### ERC 2024 - individual Schemes - Structure of the proposal

One deadline | 2 steps evaluation process

### The ERC full proposal = part B1 + part B2 + Part A\*

### Part B1 - pdf

Cover Page and summary (1p)
Extended Synopsis (5p)
Curriculum vitae +
Track-record (4p)

Part B2 - pdf

Section a: SoA &

objectives

Section b: Methodology

(14p)

**Evaluated in Step 1** 

NOT evaluated in Step 1 (only in Step 2)

### Part A – online forms

**A1** General Information

**A2 Participants** 

A3 Budget\*

table + description (8000c)

A4 Ethics and security

**A5 Other questions** 

% Time commitment\*

Excluded Reviewers (up to 3)

### Annexes

HI support letter
PhD certificate
Ethics and security issues
Eligibility window



## ERC 2024 – individual Schemes - Structure of the proposal. Forms A

### Part A – online forms

**A1 General Information** 

**A2** Participants

A3 Budget\*

table + description (8000c)

A4 Ethics and security

**A5 Other questions** 

% Time commitment\*

Excluded Reviewers (up to 3)

### **Annexes**

HI support letter
PhD certificate
Ethics and security issues
Eligibility window

### **Gender Equality Plan**

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below? Yes No

#### Minimum process-related requirements (building blocks) for a GEP

- Publication: formal document published on the institution's website and signed by the top management
- Dedicated resources: commitment of human resources and gender expertise to implement it.
- Data collection and monitoring: sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers
- Content-wise, recommended areas to be covered and addressed via concrete measures and targets are:
  - o work-life balance and organisational culture;
  - gender balance in leadership and decision-making;
  - o gender equality in recruitment and career progression;
  - o integration of the gender dimension into research and teaching content;
  - o measures against gender-based violence including sexual harassment

### **Ethics issues table + Ethics Self-Assessment**

- Ethical dimension of the objectives, methodology and likely impact
- Compliance with ethical principles and relevant legislations

**Security issues table** 



### ERC 2024 - Evaluation panels

There are in total **28 panels**, divided between three main domains:

- Physical Sciences and Engineering (PE) with 11 panels
- Life Sciences (LS) with 9 panels
- Social Sciences and Humanities (SH) with 8 panel





Each panel covers a given breath of research topics, further detailed with its descriptors

### 10-15 subfields/descriptors per panel

When you submit, you need to indicate:

**Primary ERC Review Panel**: which will in principle evaluate the proposal **Secondary ERC Review Panel**: *if applicable* 

**ERC Keyword 1:** must be linked to the Primary Review Panel.

ERC Keyword 2-4: if applicable, from any panel

**Free keywords:** FREE text, they guide (but do not determine) the allocation of proposals to reviewers

### SH7 Human Mobility, Environment, and Space

#### **Keywords or descriptors**

- SH7\_1 Human, economic and social geography
- SH7\_2 Migration
- SH7\_3 Population dynamics: households, family and fertility
- SH7\_4 Social aspects of health, ageing and society
- SH7\_5 Sustainability sciences, environment and resources
- SH7\_6 Environmental and climate change, societal impact and policy
- SH7\_7 Cities; urban, regional and rural studies
- SH7\_8 Land use and planning
- SH7 9 Energy, transportation and mobility
- SH7\_10 GIS, spatial analysis; big data in geographical studies



### ERC 2023 - Evaluation panels

There are in total 28 panels, divided between three main domains:

- Physical Sciences and Engineering (PE) with 11 panels
- Life Sciences (LS) with 9 panels
- Social Sciences and Humanities (SH) with 8 panel

Each panel is composed by 12-18 panel members.

The panel chair is known during the evaluation however the composition is made public once the results are published.

A panel may not include an expert in your discipline, they are semigeneralists

The members of ERC panels alternate to allow panel members to apply to the ERC calls in alternate years.

Only the Panel chairs are public knowledge!

The full list of panel members and remote referees will be published later.



#### **ERC-2023-Advanced Grant.**

#### **Panel Chairs**

Physical sciences and engineering

PE1 Prof. Sara van de Geer

PE2 Prof. Maria Borge

PE3 Prof. Cait MacPhee

PE4 Prof. Malcolm Levitt

PE5 Prof. Bruno Chaudret

PE6 Prof. Peter Druschel

PE7 Prof. Peter Kennedy

PE8 Prof. Michael Graetzel

PE9 Prof. Carlos Frenk

PE10 Prof. Stefan Wiemer

PE11 Prof. Jean-Marie Tarascon



### **ERC Panel Structure 2024**

### **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
- PE11 Materials Engineering



#### Life Sciences

- LS1 Molecules of Life: Biological Mechanisms, Structures and Functions
- LS2 Integrative Biology: from Genes and Genomes to Systems
- LS3 Cell Biology, Development, Stem Cells and Regeneration
- LS4 Physiology in Health, Disease and Ageing
- LS5 Neuroscience and Disorders of the Nervous System
- LS6 Immunity, Infection and Immunotherapy
- LS7 Prevention, Diagnosis and Treatment of Human Diseases
- LS8 Environmental Biology, Ecology and Evolution
- LS9 Biotechnology and Biosystems Engineering

#### **Social Sciences and Humanities**

- SH1 Individuals, Markets and Organisations
- SH2 Institutions, Governance and Legal Systems
- SH3 The Social World and its Interactions
- SH4 The Human Mind and Its Complexity
- SH5 Text and Concepts
- SH6 The Study of the Human Past
- SH7 Human Mobility, Environment, and Space
- SH8 Studies of Cultures and Arts



## **ERC Evaluation panels + Panel Members**

# SH7 Human Mobility, Environment, and Space keywords

- SH7\_1 Human, economic and social geography
- SH7 2 Migration
- SH7\_3 Population dynamics: households, family and fertility
- SH7\_4 Social aspects of health, ageing and society
- SH7\_5 Sustainability sciences, environment and resources
- SH7\_6 Environmental and climate change, societal impact and policy
- SH7\_7 Cities; urban, regional and rural studies
- SH7\_8 Land use and planning
- SH7\_9 Energy, transportation and mobility
- SH7\_10 GIS, spatial analysis; big data in geographical studies

The full list of ERC peer reviewers (panel members and remote referees) is been published by the European Commission after the conclusion of the current peer review process.

### **SH7 Human Mobility, Environment, and Space**

Panel members in the ERC Starting Grant 2022 peer review, appointed by the ERC Scientific Council.

- 1. Arnstein Aassve (Panel Chair)
- 2. Francois Bousquet
- 3. Albert Esteve
- 4. Davide Geneletti
- Michael Frank Goodchild
- 6. Sigal Kaplan
- 7. Rob Kitchin
- 3. Allan Krasnik
- 9. Helga Leitner
- 10. Elena Nikitina
- 11. Lennart Olsson
- 12. Susan Parnell
- 13. George Petrakos
- 14. Jenny Phillimore
- 15. Christopher Raymond
- 16. Mark Rosenberg Hanne Svarstad
- 17. Elisabet Viladecans-Marsal



### ERC 2023 Evaluation panels + Panel Members

# SH7 Human Mobility, Environment, and Space keywords

- SH7\_1 Human, economic and social geography
- SH7\_2 Migration
- SH7 3 Population dynamics: households, family and fertility
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- SH7\_9 Energy, transportation and mobility
- SH7\_10 GIS, spatial analysis; big data in geographical studies

(Principal Investigator)

### **SH7** Human Mobility, Environment, and Space

Panel members in the ERC Starting Grant 2022 peer review, appointed by the ERC Scientific Council.

- 1. Arnstein Aassve (Panel Chair)
- 2. Francois Bousquet
- Albert Esteve ← (Lead Reviewer)
- 4. Davide Geneletti
- Michael Frank Goodchild
- 6. Sigal Kaplan
- 7. Rob Kitchin
- 8. Allan Krasnik
- 9. Helga Leitner
- 10. Elena Nikitina
- 11. Lennart Olsson
- 12. Susan Parnell
- 13. George Petrakos
- 14. Jenny Phillimore
- 15. Christopher Raymond
- 16. Mark Rosenberg Hanne Svarstad
- 17. Elisabet Viladecans-Marsal

By default, the proposal is allocated to the panel indicated at submission

- •Your choice is respected as much as possible but...
- •The panel chair can decide to **transfer** a proposal (with the agreement of the receiving panel chair)
- •Once transferred, it is treated **the same** as the other proposals in the (new) panel

### ERC 2023 Evaluation panels + Panel Members + External Referees

# SH7 Human Mobility, Environment, and Space keywords

- SH7\_1 Human, economic and social geography
- SH7\_2 Migration
- SH7 3 Population dynamics: households, family and fertility
- SH7\_4 Social aspects of health, ageing and society
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- SH7\_9 Energy, transportation and mobility
- SH7\_10 GIS, spatial analysis; big data in geographical studies

(Principal Investigator)

SH7 Human Mobility, Environment, and Space Panel members in the ERC Starting Grant 2022

peer review, appointed by the ERC Scientific

Council.

1. Arnstein Aassve (Panel Chair)

2. Francois Bousquet

3. <u>Albert Esteve</u> ← (Lead Reviewer) ←

4. Davide Geneletti

Michael Frank Goodchild

6. Sigal Kaplan

7. Rob Kitchin

8. Allan Krasnik

9. Helga Leitner

10. Elena Nikitina

11. Lennart Olsson

12. Susan Parnell

13. George Petrakos

14. Jenny Phillimore

15. Christopher Raymond

16. Mark Rosenberg Hanne Svarstad

Elisabet Viladecans-Marsal

**External referees** 

Proposes 10 external referees for the second step of the evaluation

+ 10



+ 10

+ 10

•••••

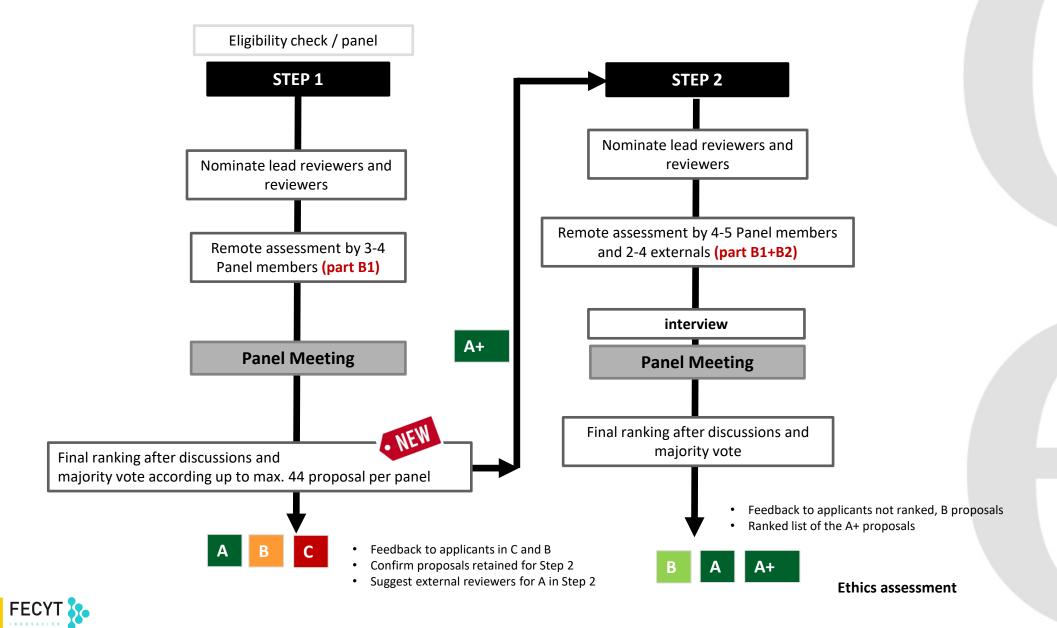
Experts identification tool: Prophy

**Experts identification tool: Prophy** The ERCEA informed the ScC members about Prophy, the support tool for the identification of potential panel members and remote referees for the evaluation of proposals https://www.prophy.science/referee-finder/





### ERC Evaluation process - individual Grants

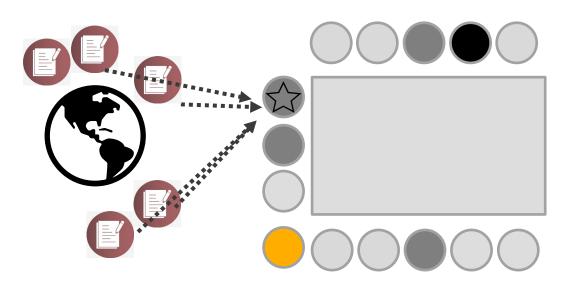


### The interview

Presentation (3-10 min.) + Question (15-25min) = Total 30min Panel members: Top Science Experts, but possibly no expert in your field Reports from Top Science Experts in your field **Consensus** must be reached

### **Challenges:**

- Present your project to general audience
- Answer technical questions from experts
- Answer broad questions from non-experts
- English
- Panel members on site but PI remote











# Evaluation criteria ERC 2024 StG, CoG & AdG

### Excellence is the sole evaluation criteria

applied to the Research Project + PI



Se han actualizado los criterios de evaluación en las convocatorias de 2024.

Estad atentos a su redacción final en el WP 2024 aprobado por la CE (saldrá en julio 2023)

### **Research Project**

- Ground-breaking nature, ambition and feasibility

#### Ground-breaking nature and potential impact of the research project (B1+B2)

- does the proposed research address important challenges?
- are the objectives ambitious and beyond the state of the art? are there novel concepts and approaches or development between or across disciplines?
- is the proposed research high risk-high gain?

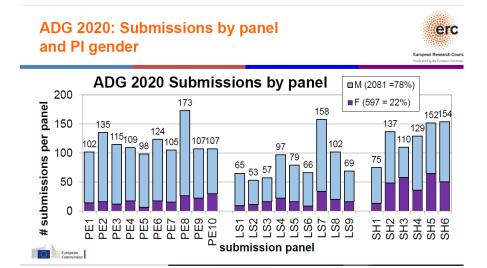
#### **Scientific Approach**

- is the outlined scientific approach feasible....high risk/high gain? (B1)
- are the proposed research methodology and working arrangements appropriate? (B2)
- does the proposal involve the development of novel methodology? (B2)
- are the proposed timescales, resources and PI commitment adequate? (B2)

- demonstrated the ability to conduct ground-breaking research?
- evidence of creative and original thinking?
- required scientific expertise and capacity to successfully execute the project?



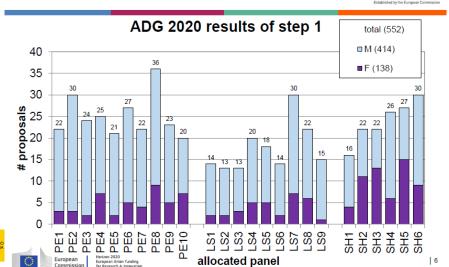
## **Panel Budget and Ranking**



## ADG 2020 Results of Step 1

By panel and gender





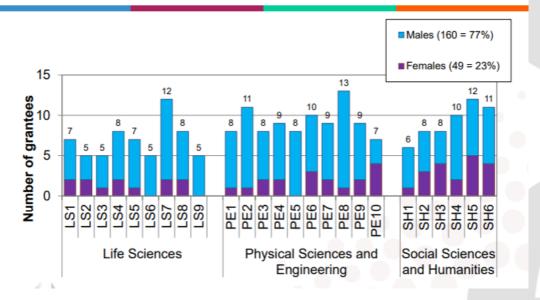
Advanced Grant 2020

Call budget: 492 Million Euro

Final call budget: 507 Million Euro

# ERC Advanced 2020 Grantees by Panel and Gender Total 209 grants





## Panel Budget =

Requested EU Contribution (Panel)
Requested EU Contribution (Total)

X Available Budget

## Restrictions on submission of proposals

# Step 1 restrictions Score C: 2 years Score B: 1 Year Score A: no restriction

# Step 2 NO restrictions Score B Score A Reserve list Main list

- A "C" score in Step 1 as outcome of ERC 2024 call may prevent you from resubmitting until 2027 calls.
- A "B" score in Step 1 as outcome of ERC2024 call may prevent you from resubmitting until 2026 calls.
- A "C" score in Step 1 as outcome of SynergyGrant call may prevent you from resubmitting to the following AdG and SyG call
- Restriction related to PIs holding an ongoing grant (except PoC) must end within 2 years after the call deadline
- Restrictions for PIs who served as panel members under previous calls apply.

Applicants may also be subject to restrictions on submitting proposals to future ERC calls based on the outcome of the evaluation. Applicants will need to check the restrictions in place for each call



# Who could be competitive in the ERC?

## **Evaluators say:**

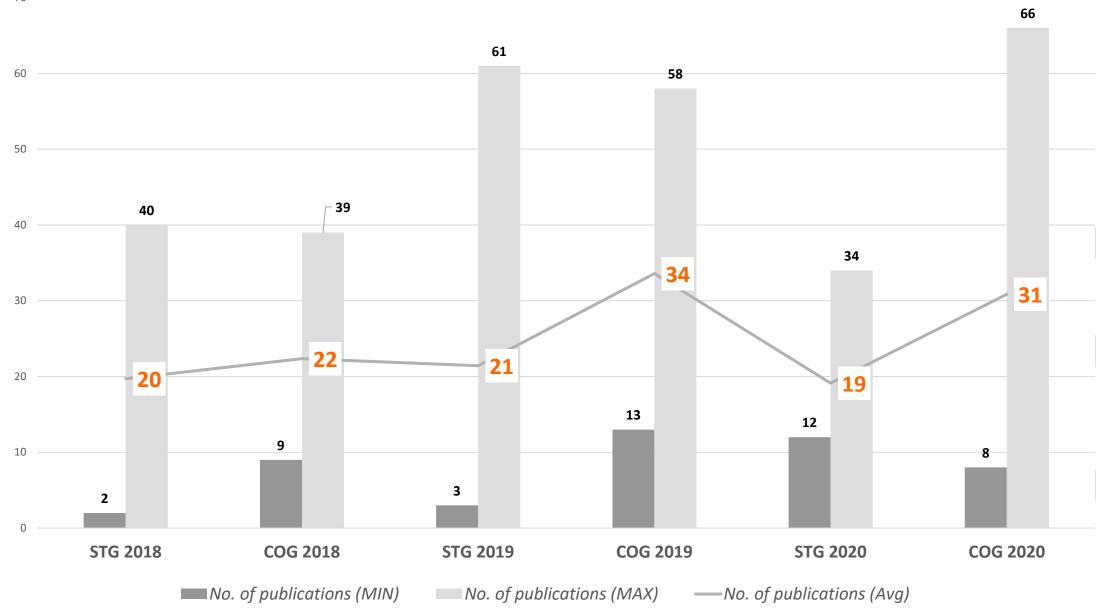
- Independence
- CLARITY: Vague information won't help you.
- QUALITY vs QUANTITY
- The track record must be in line with the proposed research
- Numbers are ok but explain your contribution
- EXPLAIN: The panel members may not know if your merits are relevant or not (prizes, grants, journals...)
- Post-doctoral stays: CLARITY
- Contribution at each career step: explain gaps

## **Most common errors:**

- Lack of coherence between your track record and your proposal.
- Core competences missing (and you don't give any solution)
- Not structured/selected info



# LS8 Environmental Biology, Ecology and Evolution





## **PE10 Earth System Science**



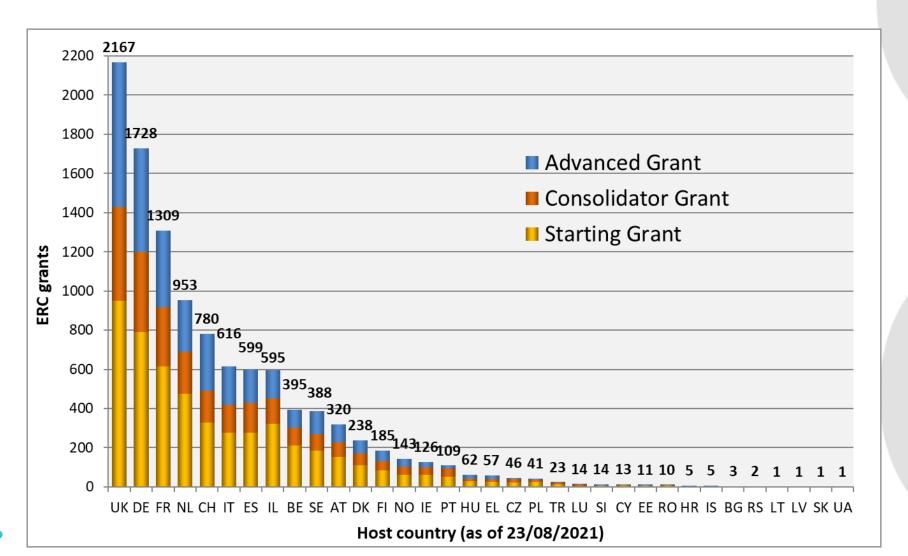


# **SPAIN AT ERC**



# Spain at ERC

## ERC StG, CoG and AdG funded projects by country HI





# ERC Grants en España (2007-2022)

854

**ERC Grants** 

5978

**ERC Team Members** 

1321

Millones de Euros

119 instituciones



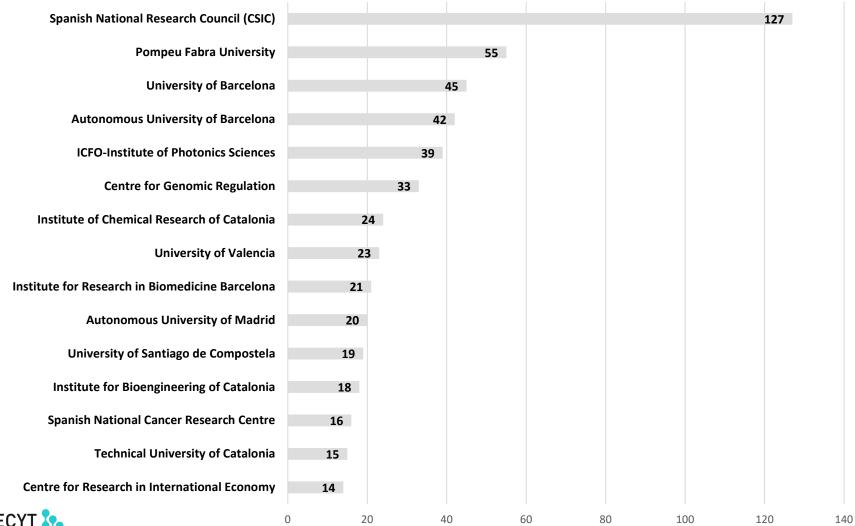


## ERC Grants en España (2007-2022)

15 Top HIs in Spain

(all signed ERC grants until 19/12/2022)

10/15 Catalunya





# **SERVICIOS ESTATALES ERC**



# How we can help you

https://www.horizonteeuropa.es/arbol-de-servicios-de-apoyo-al-programa-european-research-council-erc





Con colaboraciones expertas, fundamentalmente **ERC Grantees** 

## Step 1

Jornadas informativas

Talleres de preparación propuestas

**Reading Days** 



Análisis perfiles bibliométricos de ERC Grantees (2018-2020)

## Step 2

Simulacros de entrevistas



Soporte al tramitar la portabilidad a una institución española

**Europa Excelencia (AEI) para las ERC** individuales con A sin financiar

Asesoramiento a demanda ciclo de vida: propuesta y contrato









## Servicios estatales ERC

Árbol de servicios ERC: <a href="https://www.horizonteeuropa.es/arbol-de-servicios-de-apoyo-al-programa-european-research-council-erc">https://www.horizonteeuropa.es/arbol-de-servicios-de-apoyo-al-programa-european-research-council-erc</a>

#### **ERC Starting Grant**

Si estás preparando tu solicitud a ERC-StG 2023

- ERC Reading Days (lectura de propuestas financiadas) 02-Nov-2022 25-Nov-2022
- Webinars ERC-StG enlace a grabación y presentaciones
- Revisiones de propuesta ERC-StG abierto hasta 05-Sept-2022 a 08.00h

Si has sido invitado a segunda fase en ERC-StG: simulacros de entrevista: en marcha ERC-StG2022

#### **ERC-Consolidator Grant**

Si estás preparando tu solicitud a ERC-CoG 2023

- ERC Reading Days (lectura de propuestas financiadas) 02-Nov-2022 25-Nov-2022
- Webinars ERC-CoG webinars 06/10/2022 y 24/11/2022
- Revisiones de propuestas ERC-CoG se anunciará próximamente, el cierre para recibir las propuestas será 8 semanas antes del cierre oficial

Si has sido invitado a segunda fase en ERC-CoG: simulacros de entrevista: en marcha ERC-CoG2022

#### **ERC-Advanced Grant**

Si estás preparando tu solicitud a ERC-Advanced Grant 2023

- ERC Reading Days (lectura de propuestas financiadas) 02-Nov-2022 25-Nov-2022
- Webinars ERC-AdG se realizarán en torno a enero 2023
- Revisiones de propuesta ERC-AdG se anunciará más adelante; el cierre para recibir las propuestas será 8 semanas antes del cierre oficial

Si has sido invitado a segunda fase en ERC-AdG: simulacros de entrevista: próximamente ERC-AdG2022

#### **ERC-Synergy Grant**

Si estáis preparando una solicitud a ERC-Synergy Grant 2023

• Webinar ERC-SyG 2023 enlace a presentaciones



## **Boletín ERC**

https://horizonteeuropa.us21.list-manage.com/subscribe?u=dcaa9e9e781a6a6831b2ace17&id=232c6181ae





# 6 sesiones online con los ERC Grantees más leídos

junio 2023





🗂 lunes 5 de junio en Madrid

**™**¡Abiertas inscripciones! bit.ly/3nRNM1v





## Servicios estatales ERC

Propuestas ERC exitosas y en abierto: <a href="https://www.horizonteeuropa.es/propuestas-erc-exitosas-financiadas-y-en-abierto">https://www.horizonteeuropa.es/propuestas-erc-exitosas-financiadas-y-en-abierto</a>



## Propuestas ERC exitosas, financiadas y en abierto



En esta sección compilamos las propuestas ERC exitosas y que amablemente han sido publicadas en abierto por sus autores.

La lectura de propuestas financiadas es, sin lugar a dudas, de gran ayuda para todas las personas que enfrenta este proceso de escritura en sus propias solicitudes.

Esto es una biblioteca viva: si te animas a poner en abierto tu propuesta financiada ERC, coméntanoslo que la incluyamos también aquí. ¡Muchas gracias!

Las propuestas están ordenadas por paneles dominios científicos (PE, LS, SH) y por orden cronológico descendente. El último apartado es para el esquema Synergy Grant donde no hay paneles preestablecidos:

#### Physical Sciences:

- Acronym: ALiEN
- Project Title: Autonomous Linguistic Emergence in Neural Networks
- . Grant Type: Advanced grants
- · Researcher: Baroni Marco
- Grant Type: Advanced grants
- . Topic: PE6: Computer Science and Informatics
- Call ID: ERC-2020-ADG
- Sections B1+B2
- Acronym: MAGCOW
- · Project Title: The Magnetised Cosmic Web





# **RESOURCES**



## **Videos ERC Classes**

**Videos** 

series of videos – <u>ERC Classes</u> – for potential applicants:

Step-by-step to the ERC application process (5:19 min) <a href="https://youtu.be/xbFbzkVWgCU">https://youtu.be/xbFbzkVWgCU</a>

How to get started with your ERC grant? (11:37 min) https://youtu.be/07m0FL2tIQ8

How to write part 1 of your ERC proposal? (14:33 min) https://youtu.be/HsmQRM88yyM

How to write part 2 of your ERC proposal? (8:26 min) <a href="https://youtu.be/NnDLnabEpxQ">https://youtu.be/NnDLnabEpxQ</a>

How do we evaluate your ERC proposal? (11:48 min) https://youtu.be/FFhZX00AUV4

How to prepare for your ERC interview? (9:02 min) https://youtu.be/F4qXVGcdH5w

How to apply for your ERC Proof of Concept Grant <a href="https://www.youtube.com/watch?v=v">https://www.youtube.com/watch?v=v</a> WAkrKgWKs



Step by Step to the ERC application process

European Research Council



How to get started with your ERC proposal

European Research Council



How to write part 1 of your ERC proposal

European Research Council



How to write part 2 of your ERC proposal

European Research Council



How do we evaluate your ERC proposal

European Research Council



How to apply for your ERC Proof of Concept Grant

European Research Council



## **ERC Useful links**

## **ERC Work Programme 2023**

https://erc.europa.eu/sites/default/files/document/file/ERC WorkProgramme 2023.pdf

## Information for Applicants to the Starting and Consolidator Grant calls

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/information-for-applicants he-erc-stg-cog en.pdf

## Information for Applicants to the Synergy Grant Call

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/information-for-applicants he-erc-syg en.pdf

## Information for Applicants to the Proof of Concept Call

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/information-for-applicants\_he-erc-poc\_en.pdf

How to complete your ethics self-assessment: <a href="https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/how-to-complete-your-ethics-self-assessment\_en.pdf">https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/how-to-complete-your-ethics-self-assessment\_en.pdf</a>

## **Open Research Data and Data Management Plans**

- <a href="https://erc.europa.eu/sites/default/files/document/file/ERC info document-Open Research Data and Data Management Plans.pdf">Management Plans.pdf</a>
- https://erc.europa.eu/thematic-working-groups/working-group-open-access
- <a href="https://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination">https://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination</a> en.htm

## **General Model Grant Agreement Horizon Europe**

• <a href="https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/agr-contr/general-mga">https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/agr-contr/general-mga</a> horizon-euratom en.pdf



# **IMUCHAS GRACIAS!**

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@StefiMNZ

