



სამხრეთ-აღმოსავლეთის
მეცნიერების
სამინისტრო



European Research Council
Subsidiary to the European Commission

ევროპული კვლევების საბჭო კონსოლიდატორის გრანტი საინფორმაციო დღე

ეკატერინე სანაია

ეროვნული საკონტაქტო პირი

21 ნოემბერი, 2022



What will be covered in this info-day?



Overview of the ERC



Eligibility criteria for Consolidator Call



Proposal development



Q&A

Horizon Europe structure



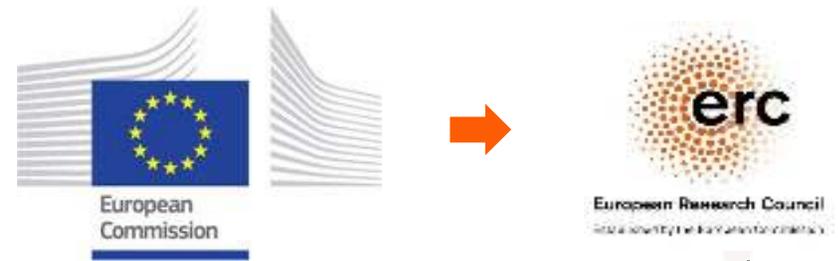
What is the ERC?

The ERC's mission:

- encourage the highest quality research in Europe
- support investigator-driven frontier research *across all fields*
- fund projects *purely* on the basis of *scientific excellence*

What makes the ERC unique:

- Excellence is the only criteria
- Funding split based on number of applications, *not* field/discipline/topic
- Freedom to work with and fund team members from anywhere in the world



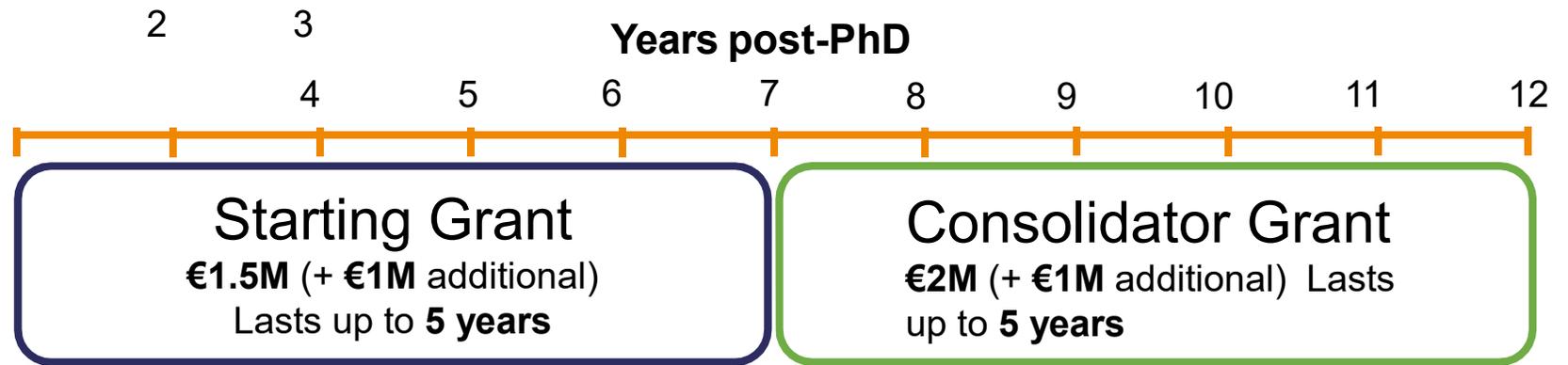
EUR 16 billion
ERC budget in Horizon
Europe



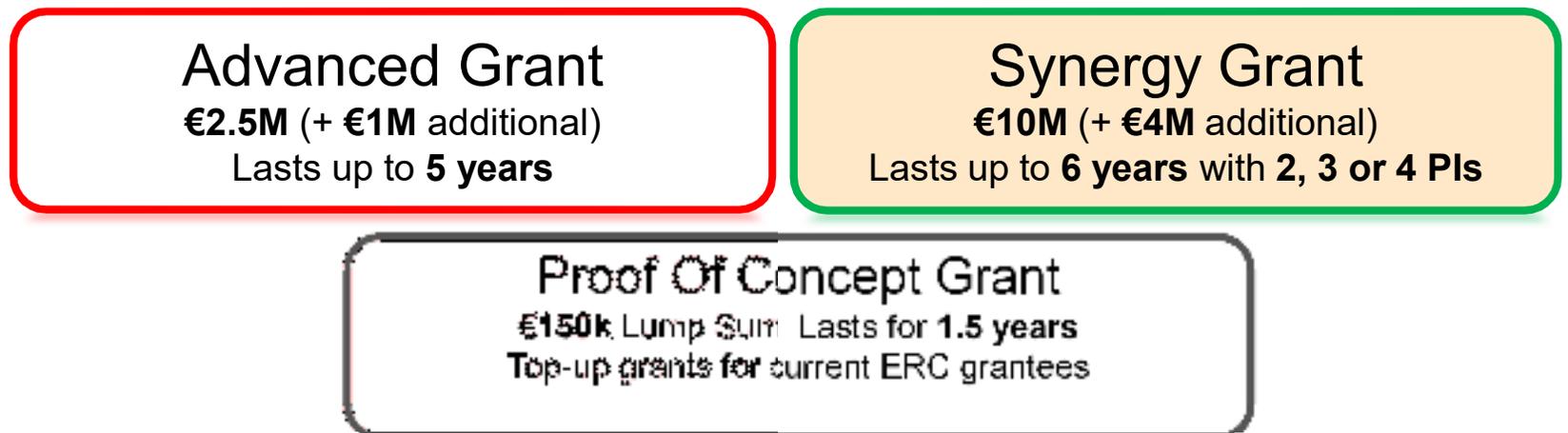
17%
of the entire Horizon
Europe budget

BOTTOM-UP, CURIOSITY-LED EXCELLENT RESEARCH

ERC Grant Schemes



No PhD Requirements



ERC Guides – 3 essential documents

ERC Work Programme

1 / calls calendar



ERC WP 2023 approved by SC in March 2022

EC to adopt the WP2023 early July 2022

Information for Applicants

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



Guide for Peer Reviewers

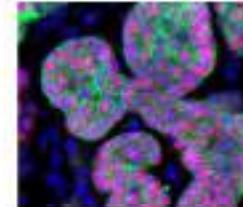
- GfPR StG & CoG calls
- GfPR AdG call
- GfPR SyG call
- GfPR PoC call



Why should you apply? ERC grants provide independence, recognition & visibility.



- Work on a research topic of your own choice, with a team of your own choice.
- Gain true **financial autonomy** for 5 years.
- Negotiate the **best conditions** with the Host Institution.
- Attract **top team members and collaborators.**
(Team members can be funded outside EU/AC if justified and supported by the panel)
- Move with the grant to any place in Europe (**portability**).
- Attract **additional funding.**



2023 Consolidator Grant call details

Call Identifier	ERC-2023-CoG
Budget	€595 Million
Estimated no. grants funded	300



Principal Investigator Eligibility

Eligibility period: Principal Investigator(s) who have successfully defended their first PhD		
Starting Grant	Consolidator Grant	Advanced and Synergy Grant
<p>> 2 and ≤ 7 years</p> <p>prior to 1 January 2023</p> <p>Cut-off dates: Successful defence of PhD between 1 January 2016 and 31 December 2020 (inclusive)</p>	<p>> 7 and ≤ 12 years</p> <p>prior to 1 January 2023</p> <p>Cut-off dates: Successful defence of PhD between 1 January 2011 and 31 December 2015 (inclusive)</p>	<p>No specific criteria</p>

Successful defence of PhD between 1 January 2011 to 31 December 2015 (inclusive)

The date of the first PhD considered for the calculation of the eligibility period is the date of the actual award according to the national rules of the country where the degree was awarded.

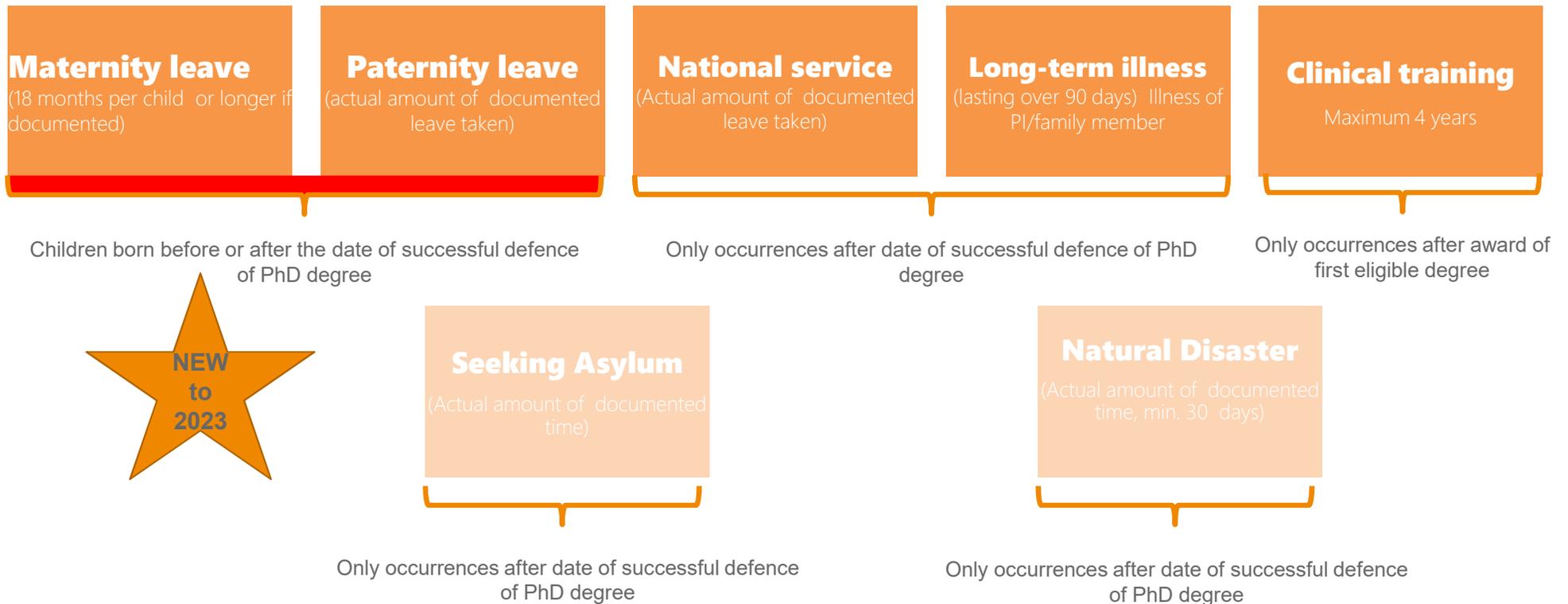
~~*Applicants should check with the awarding institution if there is any doubt on the date of actual award.*~~

Extending Eligibility window of an ERC applicant

No extensions for part time working, non-research careers, travel, Covid restrictions (e.g. home schooling) etc., unless linked to illness/maternity.

But evaluators do take these circumstance into account if you describe them in your track record.

Consolidator Grant eligibility window can be extended for:



2023 Call Resubmission Restrictions

Call to which the Principal Investigator applied under previous ERC Work Programmes and proposal evaluation outcome	2023 ERC calls to which a Principal Investigator is <u>not</u> eligible	
2021 and 2022 Starting, Consolidator, Advanced Grant or 2022 Synergy Grant	Starting, Consolidator, Advanced and Synergy Grant	
2021 Starting, Consolidator, or Advanced Grant	Starting, Consolidator, and Advanced Grant	
2022 Synergy Grant	A or B at Step 3	No restrictions
	B at Step 1 or 2	No restrictions
	C at Step 1	Advanced and Synergy Grant
2022 Starting, Consolidator, or Advanced Grant	A or B at Step 2	No restrictions
	B or C at Step 1	Starting, Consolidator, and Advanced Grant

Have you planned ahead?

- It takes a long time and a lot of work to write an ERC proposal. Often projects are only funded after resubmission.

Have you compared yourself to the PI profile?

- If you have gaps, use the profile to identify the gaps and aim to achieve them before applying in a later year

Apply when you're ready

- The proposal should be the best it can be. Calls are annual, if you're not ready, then apply next year

Don't wait if you're ready: apply for any call year if you're eligible

- Success rates across each 'number of years of experience' for Consolidator grant call is more or less even.
- Applying with the minimum 7 years post-PhD can be a viable possibility.

Don't forget there are resubmission restrictions for ERC calls...

- Don't rush your proposal and risk being excluded for up to two years

Funding Levels

Grant Type	Maximum Base Grant Amount	Maximum “Additional Funding”
Starting	€1.5 M	€1.0 M
Consolidator	€2.0 M	€1.0 M
Advanced	€2.5 M	€1.0 M
Synergy	€10 M	€4.0 M

Additional Funding is available for the project if properly justified; it is not strictly split as €1 million per PI.

Additional funding covers:

- eligible “start-up” costs for PIs moving from outside Europe
- the purchase of major equipment
- access to large facilities
- major experimental/fieldwork costs (excluding personnel)

There is no definition of “equipment” or “facilities”. Make the case for what is needed for your discipline.

Additional funding requests are **mixed into the main budget table** but **written separately** in the justification of resources text

Principal Investigator Eligibility

Who?

- No restrictions based on age, nationality, current location or current employment/contract status.

Where?

- Must have an institution based in an EU Member State or Associated Country willing to host them.

Grant Type	Minimum % of Working Time on Grant	Minimum % of time in EU Member State/Associated Country*	Years since PhD Award
Starting	50	50	2-7
Consolidator	40	50	7-12
Advanced	30	50	N/A
Synergy	30/40/50*	50	N/A

* Minimum time requirement is 40% but evaluators will look at your profile (e.g. over 50% recommended for Starting profile)

* Fieldwork/work abroad related to the ERC project does not count against time commitment

Defining discipline(s) of an ERC proposal

27 panels(11 PE, 9 LS, 7 SH)

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

15–20 subfields/descriptors per panel

Corresponding PI indicates **four to six ‘fixed keywords’** along with other ‘free keywords’

Applicants can **mix and match keywords** [regardless of the panel heading listing](#)

Keywords + abstract analysed by panel chairs to set best-fit evaluation group for each proposal

Physical Sciences & Engineering	Life Sciences	Social Sciences & Humanities
<p>PE1 Mathematics</p> <p>PE2 Fundamental Constituents of Matter Particle</p> <p>PE3 Condensed Matter Physics</p> <p>PE4 Physical and Analytical Chemical Sciences</p> <p>PE5 Synthetic Chemistry and Materials</p> <p>PE6 Computer Science and Informatics</p> <p>PE7 Systems and Communication Engineering PE8 Products and Processes Engineering PE9 Universe Sciences</p> <p>PE10 Earth System Science</p> <p>PE11 Materials Engineering*</p>	<p>LS1 Molecules of Life: Biological Mechanisms, Structures & Functions</p> <p>LS2 Integrative Biology: Integrative Biology: From Genes and Genomes to Systems</p> <p>LS3 Cellular, Developmental and Regenerative Biology</p> <p>LS4 Physiology in Health, Disease and Ageing</p> <p>LS5 Neuroscience and Disorders of the Nervous System</p> <p>LS6 Immunity, Infection and Immunotherapy</p> <p>LS7 Prevention, Diagnosis and Treatment of Human Diseases</p> <p>LS8 Environmental Biology, Ecology and Evolution</p> <p>LS9 Biotechnology and Biosystems Engineering</p>	<p>SH1 Individuals, Markets and Organisations</p> <p>SH2 Institutions, Governance and Legal Systems</p> <p>SH3 The Social World and its Diversity</p> <p>SH4 The Human Mind and Its Complexity SH5 Cultures and Cultural Production SH6 The Study of the Human Past</p> <p>SH7 Human Mobility, Environment, and Space*</p>

***These two panels are new additions, they will be in place for the 2021 calls onwards**

ERC Evaluation panels + Panel Members

LS3 Evaluation Panel (subfields) 2021-2022

LS3 Cellular, Developmental and Regenerative Biology

For all organisms:

Structure and function of the cell, cell-cell communication, embryogenesis, organogenesis, growth, development, evolution of development, organoids, s therapeutic approaches

- LS3_1 Cell cycle, cell division and growth
- LS3_2 Cell senescence, cell death, autophagy, cell ageing
- LS3_3 Cell behaviour, including control of cell shape, cell migration
- LS3_4 Cell junctions, cell adhesion, the extracellular matrix, cell communication
- LS3_5 Cell signalling and signal transduction, exosome biology
- LS3_6 Organella biology and trafficking
- LS3_7 Mechanobiology of cells, tissues and organs
- LS3_8 Embryogenesis, pattern formation, morphogenesis
- LS3_9 Cell differentiation, formation of tissues and organs
- LS3_10 Developmental genetics
- LS3_11 Evolution of developmental strategies
- LS3_12 Organoids
- LS3_13 Stem cells
- LS3_14 Regeneration
- LS3_15 Development of cell-based therapeutic approaches for tissue regeneration
- LS3_16 Functional imaging of cells and tissues
- LS3_17 Theoretical modelling in cellular, developmental and regenerative biology



LS3 Starting Grant Panel Mem 2020

Cellular and Developmental B

- Elly Tanaka (Panel Chair)**
- Patrizia Agostinis
- Michalis Averof
- Anna Bigas
- Lieven De Veylder
- Margaret Frame
- Jean Gruenberg
- Pierre-Francois Lenne
- Ruth H. Palmer
- Hans-Reimer Rodewald
- Iva Tolic
- Kjetil Tasken
- Eva Zazimalova

**Panel Chairs of the ERC Peer Review Panels
ERC Consolidator Grant Panel 2023**

The list below includes the panel chairs in the ERC Consolidator Grant peer review process, identified and invited by the ERC Research Council. There are in total 27 panels divided between Sciences (16 panels), Life Sciences (15), 7 panels in Social Sciences & Humanities (24) and 14 panels in Physical Sciences and Engineering (PE). The full list of ERC peer-reviewed board members and reports selected will be published by the European Commission after the conclusion of the current peer review process.

Note to applicants:
This information is given for reasons of transparency. Under no circumstances should peer reviewers be contacted by applicants, potential applicants or potential institutions.
Queries can be addressed to:
ERC Help Desk
[ERC Help Desk](#)
[ERC National Contact Points](#)

PHYSICAL SCIENCES AND ENGINEERING

<ul style="list-style-type: none"> PE1 Mathematics PE2 Fundamental Concepts of Matter PE3 Condensed Matter Physics PE4 Physics and Analytical Chemical Sciences PE5 Physics, Chemistry and Materials PE6 Curved Surfaces and Interfaces PE7 Systems and Computational Engineering PE8 Products and Processes Engineering PE9 Life Sciences PE10 Earth System Science PE11 Materials Engineering 	<ul style="list-style-type: none"> Prof. Daniel Kral Prof. Marco Wornat Prof. Felix Hauke Prof. Deborah Jones Prof. Henrik Ekenroth Prof. Alexander Stein Prof. Hans Ziegler Prof. Marie Douillard Prof. Isaac Kaniadakis Prof. Viktorija Garzon Prof. João Vitorino Delgado Geno Di Maria
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LIFE SCIENCES

<ul style="list-style-type: none"> LS1 Molecular Life: Biological Mechanisms, Structures and Functions LS2 Integrative Biology: From Genes and Genomes to Systems LS3 Cellular, Developmental and Regenerative Biology LS4 Physiology in Health, Disease and Ageing LS5 Neuroscience and Dynamics of the Nervous System LS6 Immunity, Infection and Immunotherapy LS7 Prevention, Diagnosis and Treatment of Human Diseases LS8 Evolutionary Biology, Ecology and Evolution LS9 Biotechnology and Bioprocess Engineering 	<ul style="list-style-type: none"> Prof. Sarah Hill Prof. Jens Stenroos Prof. Nick Doum Prof. Ralf Mitternacht Prof. Daniela Drees Prof. William Ryland Prof. Barbara Brune Prof. Anthony Martin Prof. Peter Tolk
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SOCIAL SCIENCES & HUMANITIES

<ul style="list-style-type: none"> SH1 Individual, Markets and Organizations SH2 Institutions, Governance and Legal Systems SH3 The Social World and its Diversity SH4 The Human Mind and its Complexity SH5 Culture and Cultural Production SH6 The Study of the Human Past SH7 Human Mobility, Environment, and Space 	<ul style="list-style-type: none"> Prof. Niklas Eriksson Prof. Claire de Vries Prof. Lorenz Hasenauer Prof. Alexander Hübner Prof. Annyssa Kourtellos Prof. Margard Muri Prof. Ralf Rindler
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Host Institutions Eligibility

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

Must have a **Gender Equality Plan** (at the time of GA signature) 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



Can be any type of legal entity (university, business, public body, NGO etc.)



Must be based in the territory of an EU Member State or Associated Country



Has the infrastructure and capacity to allow the PI to independently direct the research and manage ERC funding



Must not constrain the PI to the institution's research strategy



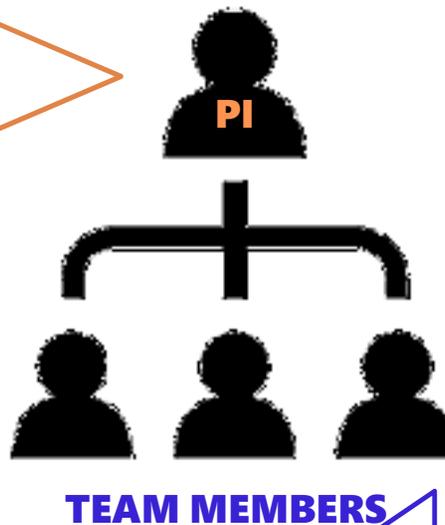
PI has the right to transfer the grant to another institution.



Must 'engage' the PI for project duration, if grant is successful

Principal Investigators leading Team Members

- PI **leads** the research project, they are not collaborating as equals with their team
- PI has the **freedom to choose** how many team members are included in the project
- PI **names individuals or roles** that will be recruited in the proposal
- PI must **justify the team** and its composition and contribution
- Evaluators reject proposals where the PI is overshadowed by any team members



- Cannot be co-investigators
- Assigned to specific project outputs/tasks
- Do activities the PI can't do by themselves
- Should not have purely supervisory/mentor roles
- Can be **research staff at any level** (including technicians and project managers)
- Think about career path of employees
- Of any age, nationality or country of residence
- Can be based **at the Host Institution or any other organization** in the world
- **EU funded**, even outside member states or associated countries

What kind of team members can be in an ERC project?

The constitution of the research teams is flexible.
[2023 ERC Work Programme](#)

Depending on the nature of a project the research team may involve team members from other research organisations situated in the same or a different country.
[2023 ERC Work Programme](#)



Only one PI

evaluated in proposal according to the broadly defined work programme (no prescribed job title)

Only one Host Institution

(although a PI can transfer or be based at multiple organisations)

PI designs and chooses their team according to the needs of the project



Can my team include:

Researchers at any career stage?

YES, from PhD to Professor etc, as long as the PI is clearly leading the project.

Non-academic/administrative team-members? YES, if they are

justified and help to carry out the objectives **Team members based in**

other organisations? YES, if they are justified and help to carry out the objectives

ERC Proposal Submission



Proposal Development

1-Step Submission

All parts submitted together by the call deadline.

Part A is filled in online.

B1, B2 & Annexes are uploaded as PDFs.

Part A

*Administrative Forms
and Abstract*

- General Info
- Participating Institutions
- Budget & Description of Resources
- Ethics Check

Part B1

*Proposal Overview
and PI Track Record*

- Cover page and summary
- Extended Synopsis (5 pages)
- CV (2 pages)
- Funding ID
- Track Record (2 pages)

Part B2

*Detailed Research
Proposal*

- State of the art
- Objectives
- Methodology

(Total of 14 pages)

Annexes

Host Institution Letter, Ethics, Eligibility Documents

Using the EC Portal

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

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

Welcome Esterline SANJA (neamalek)

Manage my area | SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

ERC

Match whole words only

GRANTS | TENDERS

Submission status: Following, Type for submission (0), Closed

Programming period: select a programming period...

Filter by Programme / Programme group: Select a Programme...

Filter by call: Select a Call...

Funding and tenders (3)

ERC CONSOLIDATOR GRANTS
ERC 2023-2027

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON ERC GRANTS	Deadline model	single stage
Opening date	10 September 2022	Deadline date	22 February 2023 17:00:00 Brussels time

ERC PROOF OF CONCEPT GRANTS
ERC 2023-PCG

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON ERC PROOF OF CONCEPT GRANTS	Deadline model	multiple cut-off
Opening date	20 October 2022	Next deadline	27 January 2023 17:00:00 Brussels time

ERC Science Journalism Initiative
ERC 2023-SJI-I

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Coordination and Support Actions	Deadline model	single stage
Opening date	15 September 2022	Deadline date	15 December 2022 17:00:00 Brussels time

Start Submission

The screenshot shows the 'Start submission' page in the Horizon Europe portal. The page is divided into a left sidebar with navigation options like 'My Person Profile', 'My Organisation(s)', and 'My Proposal(s)'. The main content area is titled 'Start submission' and contains instructions on how to use the electronic submission service. A yellow arrow points to the 'Start submission' button. Below this, there is a section titled 'Please select the type of your submission:' with three radio button options: 'HORIZON ERC Grants', 'HORIZON ERC', and 'HORIZON Action Grant Budget-Based'. The 'HORIZON ERC Grants' option is circled in red. Below the selection options are buttons for 'Start submission' and 'Need help?'. At the bottom, there is a 'Topic related FAQ' section with a search bar and two FAQ items.

Commission | Single Electronic Data Interchange Area (SEDA)

Manage my area | SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT | Get started

My Person Profile
My Organisation(s)
Create
My Proposal(s)
My Project(s)
My Formal Notification(s)

General information
Topic description
Conditions and documents
Partner search announcement
submission service
Topic related FAQ
Get support
Call updates
Go back

Start submission

To access the electronic submission service, please click on the submission button next to the type of action and the type of model grant agreement that corresponds to your proposal. You will then be asked to confirm your choice, as it cannot be changed in the submission system. Upon confirmation, you will be linked to the correct entry point.

To access existing draft proposals for this topic, please log in to the Funding & Tenders Portal and visit the My Proposals page of the My Area window.

Please select the type of your submission:

HORIZON ERC Grants | HORIZON ERC | HORIZON Action Grant Budget-Based

Start submission
Need help?

Topic related FAQ

Under ERC frontier research grants 2021, can a researcher participate as Principal Investigator in more than 1 ERC frontier research proposal at the same time? Is it possible to receive funding for more than one participation?
According to the conditions applied to the ERC main frontier research grants areas, there are three main restrictions to be considered for Principal Investigators (PI) in this regard.

For ERC 2021 frontier research calls, what is the best practice for communication between the Host Institution(s) (HI), the Principal Investigator(s) (PI) and the European Research Council/ Executive Agency during the grant preparation and implementation?
In Horizon Europe, all interactions with eRA will take place online via the Funding & Tenders Portal (https://funding-tenders.europa.eu), under 'My Area' (after EU Login). The handling of documents...

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First page of proposal submission

First page of proposal submission

IDENTIFY THE HOST INSTITUTION (PIC number)

Find your organisation

PIC: Street name:

Organisations you have been previously associated with. (Click to select)

BASIC DETAILS ABOUT THE PROPOSAL

Your proposal

Please fill in the details for your proposal.

Tell us your title (this is the title of your proposal, not the title of the project you are applying for):

Keywords:

Full keywords:

ERC No:

WHAT IS YOUR ROLE ON THE PROPOSAL?

Your role

Please indicate your role in this proposal

Principal investigator

Member of the research team

Guest partner

Select your primary evaluation panel (e.g. LS3/SH1/PE4 etc)

See a full list of ERC panels and keywords in [Annex 4 of the Information for Applicants](#) (from page 31)

Anything you enter in this part of the form can be edited later!

Main Proposal Page

The screenshot shows the 'Funding: Submission Service' page. Key elements include:

- Deadline:** 20 days left until closure.
- Call data:** Call: ERC-2023-000, Topic: ERC 2023 COG, Type of action: HORIZON COG.
- Administrative forms (Part A):** Includes buttons for 'Edit form', 'View history', and 'Find previous'.
- Proposal data:** Shows 'Download Part B templates' and 'Download Part B templates'.
- Service Desk:** Provides contact information for 'CO-FUNDING TENDER SERVICE DESK' and 'SUPPORT'.
- Document list:** A table with columns for document type (Part B1, Part B2, Request letter, etc.) and actions (Upload, Download).

Annotations on the left side of the page:

- Part A: Administrative Forms online only** (Red box, points to the Administrative forms section)
- Part B1 & Part B2 Upload PDFs based on editable templates Other documents listed below uploaded separately as PDFs** (Red box, points to the document list)
- Part B1 & Part B2 Editable templates available to download** (Green box, points to the 'Download Part B templates' button)
- Support for using the EC portal** (Green box, points to the Service Desk section)

Additional notes in the green box:

- Not support on content of proposals
- Any issues during submission should be logged with the helpdesk

Part A – Administrative forms

Application forms [Table of Contents](#) [Save](#) [Save&Close](#)

HORIZON

Call: ERC-2023-COG
(Call for Proposals for ERC Consolidator Grant)

Topic: ERC-2023-COG

Type of Action: HORIZON-ERC
(HORIZON ERC Grants)

Proposal number: SEP-210909775

Proposal acronym: Test

Type of Model Grant Agreement: HORIZON Action Grant Budget-Based

[Table of contents](#)

Section	Title	Action
	General information	Show
2	Participants	Show
3	Budget	Show
4	Editorial security	Show
5	IT Enquiries	Show

Navigate by clicking on page

Application forms [Table of Contents](#) [Validate form](#) [Save](#) [Save&Close](#)

Proposal ID: SEP-210909775
Acronym: Test

1 - General information

Table of contents | See also history for ER

Type:	ERC-2023-COG	Type of Action:	HORIZON-ERC
Call:	ERC-2023-COG	Type of Model Grant Agreement:	HORIZON-AG

Acronym*: Test

Proposal title*: New Semiconductor Materials for Renewable Energy

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: / \ ' & #

Duration in weeks*: 60

Primary ERC Review Panel*: [?](#)

Secondary ERC Review Panel: (if applicable)

ERC Keyword 1*: [?](#)

Please select, if applicable, the ERC keyword(s) that best characterize the subject of your proposal in each category.

ERC Keyword 2: [?](#)

ERC Keyword 3: [?](#)

ERC Keyword 4: [?](#)

Free keywords: [?](#)

Part A – Administrative forms

Application forms Table Of Contents Validate Form Save Saves&Close

Proposal ID: SEP-21000775
Access: Test

Abstract ?

New Semiconductor Materials for Renewable Energy

Remaining characters: 1952

Has this proposal (or a very similar one) been submitted in the past 2 years in response to a call for proposals under any EU programme, including the current call? Yes No ?

Please give the proposal reference or contract number. Add

Previously submitted proposals should be with either 6 or 9 digits. Remove

ERC ver: 2.10/2021/006 Page 2 Last saved: 17/11/2022 16:06

Application forms Table Of Contents Validate Form Save Save

Proposal ID: SEP-21000775
Access: Test

Declarations Placeholder text* are mandatory

1) We declare to have the explicit consent of all applicants on their participation and on the content of this proposal. ?

2) We confirm that the information contained in this proposal is correct and complete and that none of the project activities have started before the proposal was submitted (unless explicitly authorised in the call conditions). ?

3) We declare:

- to be fully compliant with the eligibility criteria set out in the call
- not to be subject to any exclusion grounds under the [EU Financial Regulation 2018/1046](#)
- to have the financial and operational capacity to carry out the proposed project. ?

4) We acknowledge that all communication will be made through the Funding & Tendering Portal; electronic exchange system and that access and use of this system is subject to the [Funding & Tendering Portal Terms and Conditions](#). ?

5) We have read, understood and accepted the [Funding & Tendering Portal Terms & Conditions](#) and [Privacy Statement](#) that set out the conditions of use of the Portal and the scope, purposes, retention periods, etc. for the processing of personal data of all data subjects whose data we communicate for the purpose of the application, evaluation, award and subsequent management of our grant, prizes and contracts (including financial transactions and audits). ?

6) We declare that the proposal complies with ethical principles including the highest standards of research integrity as set out in the [ALFA European Code of Conduct for Research Integrity](#), as well as applicable international and national law, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights and its Supplementary Protocols. [ALFA ethics and compliance](#) are in place to foster responsible research practices, to prevent questionable research practices and research misconduct, and to handle allegations of breaches of the principles and standards in the Code of Conduct. ?

7) We declare that the proposal has an exclusive focus on civil applications (activities intended to be used in military application or aimed to serve military purposes cannot be funded). If the project involves dual-use items in the sense of [Regulation 426/2009](#), or other items for which authorisation is required, we confirm that we will comply with the applicable regulatory framework (e.g. obtain export/import licences before these items are used). ?

8) We confirm that the activities proposed do not:

- aim at human cloning for reproductive purposes;
- intend to modify the genetic heritage of human beings which could make such changes heritable (with the exception of research relating to cancer treatment of the germline, which may be funded); or
- intend to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer;
- lead to the destruction of human embryos (for example, for obtaining stem cells)

These activities are excluded from funding. ?

9) We confirm that for activities carried out outside the Union, the same activities would have been allowed in at least one EU Member State. ?

The coordinator is only responsible for the information relating to their own organisation. Each applicant remains responsible for the information declared for their organisation. If the proposal is awarded the EU funding, they will all be required to sign a declaration of honour.

Table statements or financial information may lead to administrative sanctions under the EU Financial Regulation.

ERC ver: 2.10/2021/006 Page 2 Last saved: 17/11/2022 16:06

Part A Participant

Application forms [Table Of Contents](#) [Save](#) [Save&Close](#)

Proposal ID: SEP-210909775
Acronym: Test

2 - Participants

List of participating organisations

Participating Organisation Legal Name	Country	Role	Status
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Application forms [Table Of Contents](#) [Validate Form](#) [Save](#) [Save&Close](#)

Proposal ID: SEP-210909775
Acronym: Test

Organisation data

Host Institution

PIC	Legal name
PARTNER4	ILIA VPKIA FORHUM INSTITUTE OF PHYSICS AND TECHNOLOGY

Short name: ILIA VPKIA FORHUM INSTITUTE OF PHYSICS AND TECHNOLOGY

Address:

Street: 7 HINDOLI STREET
Town: TELUK
Postcode: 0160
Country: Indonesia
Website: www.vpkia.org

Specific Legal Statuses

Legal person	Yes
Public body	Yes
Non-profit	Yes
International organisation	No
Secretary or Member of a non-profit establishment	No
Employer of staff	Yes

SME Data

Based on the following data from the Participant Registry for organisations (regardless of size) and non-profit organisations (if available):

SME self-declared status	unknown
SME self-assessment	unknown
SME status	unknown

Page 1 [Continue](#) 18/11/2022 05:06:27

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

Proposal ID: SEP-210909775
Acronym: Test

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;
 - o 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.

Page 2 [Continue](#) Last saved: 18/11/2022 05:06:37

Part A Participant

Application forms for the Main Host participants are available through the proposal form. The details and dates when needs-based funding requests are available for specific countries are listed on the proposal form. Please contact the call person for more information. For more information please contact the call person for your country/region by using the call person email addresses listed in the before visit page. Please also provide your mobile phone number as we may need to contact you regarding your submitted proposal and/or contract review.

<https://www.erasmus-plus.eu/en/participants>

The name and e-mail of contact persons including the Principal Investigator, Host Institution contact are read-only in the administrative form, only additional details can be edited here. To give access rights and contact details of contact persons, please save and close the form, then go back to Participants step of the submission wizard and save the changes.

GRANT If you have a grant proposal, insert the grant number (e.g. 8881-2009-0001-0001) and the proposal title and ID (proposal ID and title ID).

RESEARCHER The researcher ID is a 10-digit ID that is used to identify the researcher. It is unique across all countries.

PI INSTITUTION Please enter the type of institution. Please enter the identification number.

Current Stage Language: English (default)

Save made or click in the top right corner.

Country A for the main host institution and country B for the participant institution is required to complete the contract form. All countries are listed in the list.

Country A is the main host institution. Country B is the participant institution. Country C is the country of the main host institution. Country D is the country of the participant institution.

Country E is the country of the main host institution. Country F is the country of the participant institution. Country G is the country of the main host institution. Country H is the country of the participant institution.

Country I is the country of the main host institution. Country J is the country of the participant institution. Country K is the country of the main host institution. Country L is the country of the participant institution.

Last Name*

First Name*

Gender* Male Female Prefer Not to Say

Title Honorary Title Guest

Nationality* Country of Birth

Date of Birth (DD/MM/YYYY)* **Place of Birth***

Contact address

Current organization name

Current institution name (if different)

Same as organization address

Street

Postal code **Country** **Postcode**

www

< Other questions Validation result Exit form >

Table of contents Validate form Save form Save & exit form

Application forms

Validation result

Show Error The red 'Show Error' button indicates an error due to a missing or incorrect value related to the call eligibility criteria. The submission of the proposal **will be blocked** unless that specific field is corrected.

Show Warning The yellow 'Show Warning' button indicates a warning due to a missing or incorrect value related to the call eligibility criteria. The submission of the proposal **will not be blocked** (proposal will be submitted with the missing or incorrect value).

Section	Description	Action
General Information	Title - missing entry	Show Error
General Information	Duration - missing entry	Show Error
ILIA VERVA SOKHUMI INSTITUTE OF PHYSICS	Please go back to Participants to enter this information: First Name of Main Host Institution contact person is a required field	Show Error
ILIA VERVA SOKHUMI INSTITUTE OF PHYSICS	Please go back to Participants to enter this information: Last Name of Main Host Institution contact person is a required field	Show Error
ILIA VERVA SOKHUMI INSTITUTE OF PHYSICS	Please go back to Participants to enter this information: Email of Main Host Institution contact person is a required field	Show Error
Principal Investigator	Country of birth is a required field	Show Error
Principal Investigator	Date of Birth is a required field	Show Error
Principal Investigator	Place of birth is a required field	Show Error
Budget	This section has not been validated yet	Show Error
Ethics	This section has not been validated yet	Show Error
Other questions	This section has not been validated yet	Show Error
General Information	Please put in the proposal reference or contract number.	Show Warning
ILIA VERVA SOKHUMI INSTITUTE OF PHYSICS	Department Name - missing entry	Show Warning
ILIA VERVA SOKHUMI INSTITUTE OF PHYSICS	Department Street name - missing entry	Show Warning

Application forms

Proposal #: SEP-2020-0275

Access: Test

Contact Address of the Host Institution and contact person

This will be the person the RI services will contact concerning this proposal (eg. for additional information, invitation to hearing, sending of evaluation results, communication to start grant preparation). This data is mandatory only. Details (name, first name and e-mail of Main Contact person) should be edited in the case "Participants" of the submission wizard.

Title: Gender: Male Female Non-binary

First name* Last name*

E-Mail*

Position In org: Please indicate the position of the person.

Department: Name of the department/institute carrying out the work. Same as proposing organization's address

Same as proposing organization's address

Street: Please enter a street name and number.

Town: Please enter the name of the town. Post code: Area code:

Country: Please select a country.

The screenshot shows the 'Participants' step of the submission wizard. A red box highlights the contact information for the host institution, including the name (First name and Last name), gender (Male), and email (E-Mail). The form also shows the position in the organization, department, street, town, post code, area code, and country.

The screenshot shows the 'Participants' step of the submission wizard. A red box highlights the contact information for the host institution, including the name (First name and Last name), gender (Male), and email (E-Mail). The form also shows the position in the organization, department, street, town, post code, area code, and country.

Application forms

Proposal #: SEP-2020-0275

Access: Test

Contact address of the host institution and contact person

This will be the person the RI services will contact concerning this proposal (eg. for additional information, invitation to hearing, sending of evaluation results, communication to start grant preparation). This data is mandatory only. Details (name, first name and e-mail of Main Contact person) should be edited in the case "Participants" of the submission wizard.

Title: Gender: Male Female Non-binary

First name* Last name*

E-Mail*

Position In org: Director of Institute

Department: AN INSTITUTE FOR THE STUDY OF HUMAN AND SOCIAL SCIENCES Same as proposing organization's address

Same as proposing organization's address

Street: 10000000000

Town: 0000 Post code: 0000

Country: Germany

Website: www.rdg.org.uk

Phone: +44 (0)20 7616 10000000000 Phone 2:

Other contact persons

First Name	Last Name	E-mail	Phone
Guise	Robertson	rguise@rdg.org	+44 (0)20 7616 10000000000

Part A – Ethics & Security questions

- Follow Horizon Europe guidance document: [‘How to complete your ethics self-assessment’](#)
- Answering ‘yes’ on certain questions may require a brief text response from the applicant.
- Applicants may be requested to upload documents related to particular questions.
- If the existing character limit is too short the recommendation is to provide the detailed explanation in optional annex, uploaded as a PDF. Include references to these annexes in the Ethics text box in the application form.

S

< Budget Ethics & Security Other questions >

back of mainline Whole form Row form View & edit form

Proposal ID: SEP-210002817
Anonym: TEST

4 - Ethics & security

Ethics Issues Table ?

1. Human Embryonic Stem Cells and Human Embryos		Page
Does this activity involve Human Embryonic Stem Cells (hESCs)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve the use of human embryos?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

2. Humans		Page
Does this activity involve human participants?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Are they volunteers for non medical studies (e.g. social or human sciences research)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Are they healthy volunteers for medical studies?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they patients for medical studies?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they potentially vulnerable individuals or groups?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they children/minors?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they other persons unable to give informed consent?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does this activity involve interventions (physical also including imaging technology, behavioural treatments, etc.) on the study participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

Page references to relevant sections in Part B1 & B2
for each issue if you answer ‘Yes’



Part A Other Questions

Table of Contents | Website Form | Back | Save & Exit

Application forms

Proposal ID: **WIP 21090775**
 Activity: **Test**

5 - Other questions

Academic data

PI's first name - Last 7

Earlier date of PhD or equivalent - DD/MM/YYYY? 2011/2012

Applicants holding a Medical degree

Are you a medical doctor or do you hold a degree in medicine? Please note that if you have also been awarded a PhD your medical degree may be your first degree. If you have also held a doctorate in the field of the Starting and Consolidator Grant, for more details.

Yes No

Personal Biographies

When we receive the earlier date PhD or equivalent, it requires an overview of the eligibility window, the date number of days (per the applicable EC Work Programme) and the information for Applicants for the Starting and Consolidator Grant (if).

Yes No

Personal Biographies Attach file

Personal Biographies: All characters the maximum is - an attached word file, each programme - not being your request for the submission of the eligibility window. Please attach a self-written supporting document.

Working time commitment

Please indicate your percentage of working time in the Member state where the Associated Country over the period of the grant. Please note that you are expected to spend a minimum of 50% of your total working time in the Member State in which you are working?

Please indicate the total working time you will dedicate to the project over the period of the grant. Please note that you are expected to dedicate a minimum of working time to the project: 20% for AEs, 40% for CoAs and 50% for SCoAs. The personal cost for the PI provided in section 3-3 budget cannot be higher than the percentage indicated here. If a cost reduction will be provided for the request, it may be applied with the same % budget?

EC eligibility requirements

Please acknowledge that you are aware of the eligibility requirements for applying for the EC calls specified in the EC Work Programme, and please verify that, to the best of your knowledge, your application is in compliance with all these requirements. Please note that your proposal may be declared ineligible at any point during the evaluation or during project implementation if it is found not to be compliant with these eligibility criteria?

Consent obtained from participants and associated

Please confirm that you will have the written consent of all participants on their involvement and the content of this proposal, as well as of any person mentioned in the proposal or their participation in the project and as a consequence, called to do activities mentioned in the proposal (see 2). We request you to provide proof of the written consent obtained at any time during the evaluation?

Sharing evaluation data

Page 1 | Last page | WIP 21090775

Does this activity involve sampling? Yes No

is Non EU Country Page

Will some of the activities be carried out in non-EU countries? Yes No

Specify the countries involved (Maximum number of characters allowed: 1000)

In case non-EU countries are involved, do the activities undertaken in these countries have potential for harm? Yes No

It is planned to use local resources (eg. animals and/or human tissues, samples, genetic material, live animals, human remains, materials of cultural value, and/or people from or from samples, etc.)? No Yes

It is planned to import any material (other than plant from non-EU countries) into the EU or from a non-EU country to another non-EU country? For data imports, see section 4. No Yes

It is planned to export any material (other than data) from the EU to non-EU countries for data exports, see section 4. Yes No

WIP 21090775 Page 1 | Last page | WIP 21090775

Application forms

Table of Contents | Website Form | Back | Save & Exit

Proposal ID: **WIP 21090775**
 Activity: **Test**

Does this activity involve **low and/or lower risk in non-EU countries** (if yes, detail the benefits starting with planned in these non-EU countries)? Yes No

Could this activity be in the country you defined as taking part in the activity above? No Yes

7. Environment, Health and Safety Page

Does this activity involve the use of substances or processes that may cause harm to the environment, to animals or plants during the implementation of the activity or further to the use of the results, as a possible impact? Yes No

Does this activity deal with endogenous fauna and/or flora (protected areas)? Yes No

Does this activity involve the use of substances or processes that may cause harm to humans, including those performing the activities during the implementation of the activity or further to the use of the results, as a possible impact? Yes No

8. Artificial intelligence Page

Does this activity involve the development, deployment and/or use of Artificial Intelligence? If you do so, the self-assessment whether that could cause ethical concerns related to human rights and values and detail how to avoid the address it? No Yes

9. Other Ethical Issues Page

Are there any other ethical issues that should be taken into consideration? Yes No

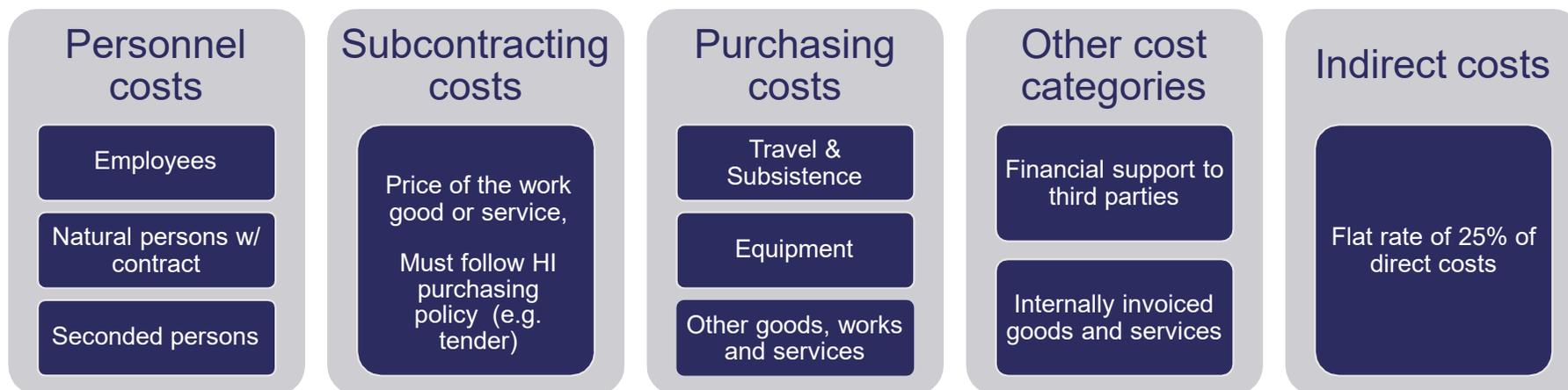
Important! Your main description of ethical issues above and that, if any, which issues apply, will complete the ethical self-assessment as described in the guidelines. You are not to complete your ethical self-assessment.

Eligible costs for ERC projects

The ERC funds up to **100% of the total eligible costs with a 25% flat rate of indirect costs on top.**

- Same as most EU grants – based on actual cost reporting
- The budget covers the full project duration,
- It can be adjusted with budget transfers from one category to another, but the overall grant amount cannot be increased after start date.

The budget is subdivided into:



ERC Additional funding

Additional funding up to €1 million (incl. 25% indirect costs) can be requested to cover the following eligible costs which have not previously occurred in the proposed work:



Special features of Additional Funding:

- 100% of the additional funding can be used for the project
- 25% of the additional funding can be used for indirect costs
- Maximum amount is €1 million (incl. 25% indirect costs)

Ask for support from your Host Institution's research support or finance team as early as possible,

The ERC project costing must follow Host Institution rules as well!

Application forms

Project ID: 100-210009775

Activity: Test

3 - Budget

Beneficiary Short Name	FI	Sector Staff	Research	Students	Other Personnel costs	Total personnel costs	F. Subcontracting costs (No indirect costs)	G. Travel and subsistence	H. Equipment including mobile equipment	I. Consumables including animal costs	J. Publication, incl. Open Access and dissemination	K. Other additional direct costs	L. Total other goods, works and services	Total Purchase total	M. Indirectly invoiced goods and services (No indirect costs)	N. Indirect Costs	Total Eligible Costs	Required EU contribution
Scientific research unit 04 (Pharmacology)	120000	100000	30000	50000	50000	410000.00	200000	VIEW	VIEW	60000	0	0	100000.00	200000.00	0	117500.00	1725000.00	0.00
Total	120000	100000	30000	50000	50000	410000.00	200000	50000	150000	60000	0	0	100000.00	200000.00	0	1175000.00	1725000.00	0.00

Section C. Resources (Maximum 10000 characters allowed)

If the activities in the budget table are to be made available to the general public during the project or at a later stage, a project plan describing the resources will be included in the application. The maximum allowed characters, please indicate that you also specify the category of the resource.

State and specify the amount of funding resources necessary to fulfil the objectives of the duration of the project. The project must include the full budgetary responsibility. The maximum period is 36 months. Indicate the resources provided by the partner giving the lead contribution to the activity.

Support costs: please specify the resources provided by your institution (personnel, transport and the cost of materials) and the cost of materials provided by your partner (additive of direct costs category).

Request for additional funding (applicable only for EU FP7) is included in the costs of budget table above. You can edit.

add budget

€100 000 personnel costs
 € 20 000 subcontracting costs
 € 10 000 other goods and services (consumables).
 Eligible direct costs: 100 000 + 20 000 + 10 000 =
 EUR 130 000
 Eligible indirect costs: 25 % of (100 000 + 10 000) =
 EUR 27 500

Part A - Budget

Budget and Resources description are seen by evaluators

Four main sections:

- Personnel
- Materials and reagents
- Purchase
- Travel and subsistence

All 'Additional Funding' requested must be

- Included in the overall budget table
- Added to sums under each appropriate cost category
- For example fieldwork travel would go under Travel & Subsistence along with own fieldwork travel like conferences

If funding is requested for 'Other personnel costs' & 'Other additional direct costs'

- Should be entered as a total figure on your budget table
- Should be unpacked in the Resource section with each item briefly described

Budget summary			Total cost (€)	Requested AMF (€)
Overall summary (including all)			3,333,000	1,000,000
1. Material (including all)				
Budget details				
Cost Category / Description	Item description	Total		
A. Personnel costs	PI	10	10	
	Other staff	10	10	
	Students	10	10	
	Technicians	10	10	
B. Equipment costs				
B.1. Other equipment costs			100	100
B.2. Consumables			100	100
B.3. Travel and subsistence			100	100
B.4. Other personnel costs			100	100
B.5. Other additional direct costs			100	100
C. Personnel costs				
C.1. Personnel costs	PI	10	10	
	Other staff	10	10	
	Students	10	10	
C.2. Other personnel costs	Consumables for fieldwork and equipment	10	10	
	Travel and subsistence	10	10	
	Other additional direct costs	10	10	
C.3. Other additional direct costs			100	100
C.4. Other personnel costs			100	100
C.5. Other additional direct costs			100	100
D. Equipment costs				
D.1. Other equipment costs			100	100
D.2. Consumables			100	100
D.3. Travel and subsistence			100	100
D.4. Other personnel costs			100	100
D.5. Other additional direct costs			100	100
E. Personnel costs				
E.1. Personnel costs			10	10
E.2. Other personnel costs			10	10
E.3. Other additional direct costs			100	100
E.4. Other personnel costs			100	100
E.5. Other additional direct costs			100	100
F. Equipment costs				
F.1. Other equipment costs			100	100
F.2. Consumables			100	100
F.3. Travel and subsistence			100	100
F.4. Other personnel costs			100	100
F.5. Other additional direct costs			100	100
G. Personnel costs				
G.1. Personnel costs			10	10
G.2. Other personnel costs			10	10
G.3. Other additional direct costs			100	100
G.4. Other personnel costs			100	100
G.5. Other additional direct costs			100	100
H. Equipment costs				
H.1. Other equipment costs			100	100
H.2. Consumables			100	100
H.3. Travel and subsistence			100	100
H.4. Other personnel costs			100	100
H.5. Other additional direct costs			100	100
I. Personnel costs				
I.1. Personnel costs			10	10
I.2. Other personnel costs			10	10
I.3. Other additional direct costs			100	100
I.4. Other personnel costs			100	100
I.5. Other additional direct costs			100	100
J. Equipment costs				
J.1. Other equipment costs			100	100
J.2. Consumables			100	100
J.3. Travel and subsistence			100	100
J.4. Other personnel costs			100	100
J.5. Other additional direct costs			100	100
K. Personnel costs				
K.1. Personnel costs			10	10
K.2. Other personnel costs			10	10
K.3. Other additional direct costs			100	100
K.4. Other personnel costs			100	100
K.5. Other additional direct costs			100	100
L. Equipment costs				
L.1. Other equipment costs			100	100
L.2. Consumables			100	100
L.3. Travel and subsistence			100	100
L.4. Other personnel costs			100	100
L.5. Other additional direct costs			100	100
M. Personnel costs				
M.1. Personnel costs			10	10
M.2. Other personnel costs			10	10
M.3. Other additional direct costs			100	100
M.4. Other personnel costs			100	100
M.5. Other additional direct costs			100	100
N. Equipment costs				
N.1. Other equipment costs			100	100
N.2. Consumables			100	100
N.3. Travel and subsistence			100	100
N.4. Other personnel costs			100	100
N.5. Other additional direct costs			100	100
O. Personnel costs				
O.1. Personnel costs			10	10
O.2. Other personnel costs			10	10
O.3. Other additional direct costs			100	100
O.4. Other personnel costs			100	100
O.5. Other additional direct costs			100	100
P. Equipment costs				
P.1. Other equipment costs			100	100
P.2. Consumables			100	100
P.3. Travel and subsistence			100	100
P.4. Other personnel costs			100	100
P.5. Other additional direct costs			100	100
Q. Personnel costs				
Q.1. Personnel costs			10	10
Q.2. Other personnel costs			10	10
Q.3. Other additional direct costs			100	100
Q.4. Other personnel costs			100	100
Q.5. Other additional direct costs			100	100
R. Equipment costs				
R.1. Other equipment costs			100	100
R.2. Consumables			100	100
R.3. Travel and subsistence			100	100
R.4. Other personnel costs			100	100
R.5. Other additional direct costs			100	100
S. Personnel costs				
S.1. Personnel costs			10	10
S.2. Other personnel costs			10	10
S.3. Other additional direct costs			100	100
S.4. Other personnel costs			100	100
S.5. Other additional direct costs			100	100
T. Equipment costs				
T.1. Other equipment costs			100	100
T.2. Consumables			100	100
T.3. Travel and subsistence			100	100
T.4. Other personnel costs			100	100
T.5. Other additional direct costs			100	100
U. Personnel costs				
U.1. Personnel costs			10	10
U.2. Other personnel costs			10	10
U.3. Other additional direct costs			100	100
U.4. Other personnel costs			100	100
U.5. Other additional direct costs			100	100
V. Equipment costs				
V.1. Other equipment costs			100	100
V.2. Consumables			100	100
V.3. Travel and subsistence			100	100
V.4. Other personnel costs			100	100
V.5. Other additional direct costs			100	100
W. Personnel costs				
W.1. Personnel costs			10	10
W.2. Other personnel costs			10	10
W.3. Other additional direct costs			100	100
W.4. Other personnel costs			100	100
W.5. Other additional direct costs			100	100
X. Equipment costs				
X.1. Other equipment costs			100	100
X.2. Consumables			100	100
X.3. Travel and subsistence			100	100
X.4. Other personnel costs			100	100
X.5. Other additional direct costs			100	100
Y. Personnel costs				
Y.1. Personnel costs			10	10
Y.2. Other personnel costs			10	10
Y.3. Other additional direct costs			100	100
Y.4. Other personnel costs			100	100
Y.5. Other additional direct costs			100	100
Z. Equipment costs				
Z.1. Other equipment costs			100	100
Z.2. Consumables			100	100
Z.3. Travel and subsistence			100	100
Z.4. Other personnel costs			100	100
Z.5. Other additional direct costs			100	100

** If a 10% increase of the total cost is requested for the overall project, the total cost will be 3,433,000€.

Should I describe my team in Part B1 or B2?

The priority in Part B1 is an eye-catching presentation of:

- the Project and
- the Principal Investigator

Our suggestion:

PIs should describe their team in Part B2 including how they fit into the work plan and methodology

With Part B1's 5 page limit, it is unlikely there will be space for describing the team in detail

Budget Justification

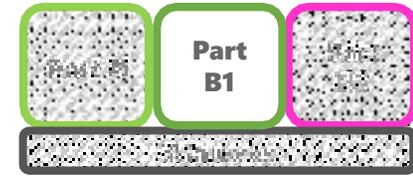
Over the period of intense investment in infrastructures, coinciding with the real estate bubble that was critically important for Spain's economy, science in Spain is currently in a stage of austerity cuts, which is having dramatic effects on scientific research and education. Thus, the budget of research projects in Spain currently needs to focus on nurturing the human resources of R+D to avoid the waste of the already existing excellent infrastructures. Of course, this seems also the most efficient way to divide the resources in a project that is dominated by theory. This has been taken into account in the preparation of the budget, which focuses in personnel rather than in equipment. This is also the reason why I decided to drastically minimise the cost associated to my own salary as PI, allowing a large team of people. I was able to do this because I am already being paid by a Ramón y Cajal grant until the end of 2018, with a compromise of subsequent professional stabilization by the University of Valencia to every ERC grantee. Thus, the main costs will be in personnel: 17 person-years of postdocs (*32 000€) + 20 person-years of predocs (*22 000€) + 5 years of 1 technician (*47 000€) (XPS measurements, elemental analysis...), acquisition of books, etc. As stated in the "Guide for applicants", additional funding (109 000€) is requested for the purchase of major equipment. Despite the complete equipment available in the host institute, a Q-band extension for the existing pulsed EPR is essential for the success of the project. Frequencies higher than Q-band provide little additional benefit to the proposed experiments, thus this upgrade request is for a state-of-the-art Q-band pulsed EPR instrumentation. This facility is lacking not only at the University of Valencia but in the entire country, with only another group in Spain working with X-band pulsed experiments. This upgraded instrumentation capability will immediately and significantly advance the productivity of the projects outlined in this proposal and it will enhance the research environment of the surrounding community. Thus, there are 120 000€ in equipment cost, divided into: (11 000 in hardware + software) + (109 000 = 218 000-0.5)*; 110 000€ for consumables, 50 000€ for other costs and 100 000€ for travel expenses.

Whose rules?



Auditors will check that costs are both eligible by ERC rules **and** in keeping with the standard accounting practices of the Host Institution.

e.g. ERC allows hotel bookings in Paris for research trips, but a PI at a Paris host institution would not be allowed to charge it to their grant due to institutional rules



Part B1

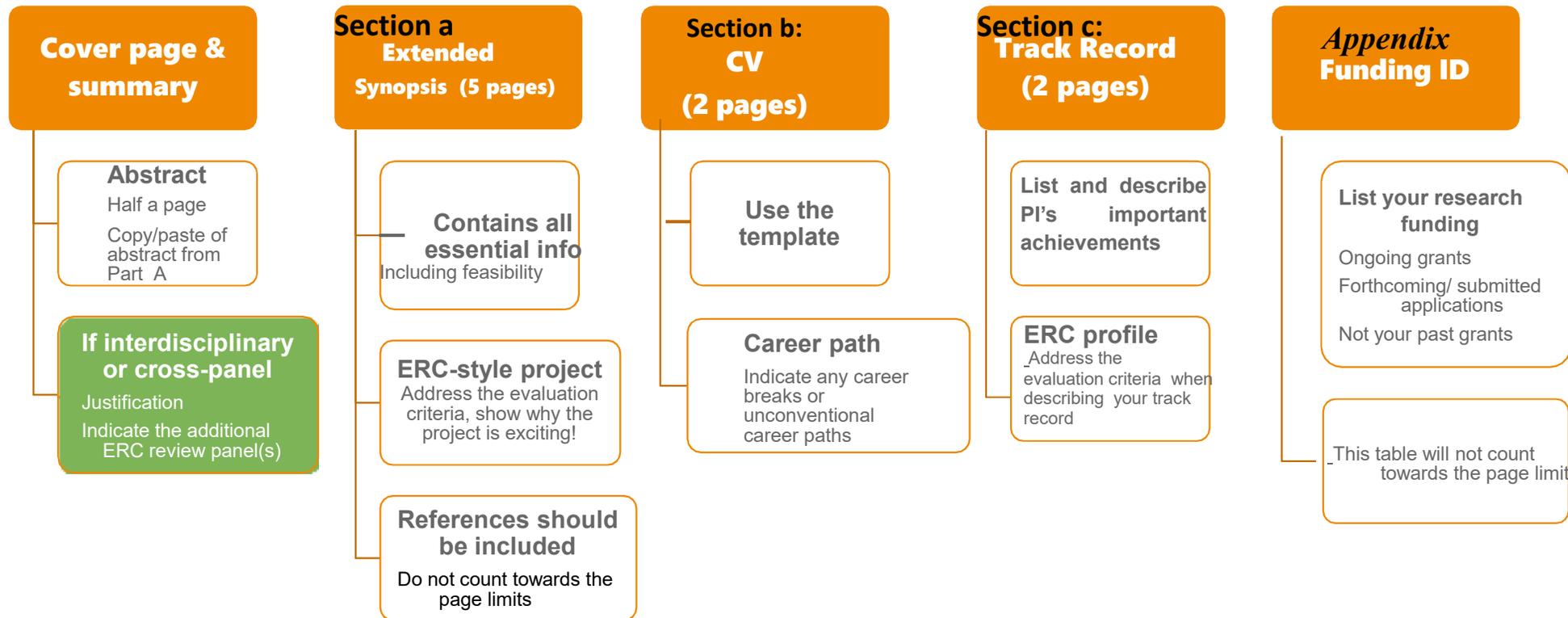
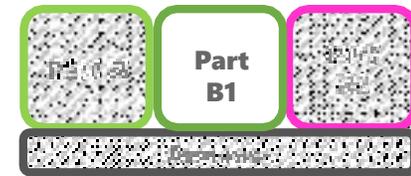
- Strict formatting requirements:

Page Format	Font Type	Font Size	Line Spacing	Margins
A4	Times New Roman, Arial or similar	At least 11	Single	2cm Side 1.5cm Bottom

- Cover Page (info repeated from Part A)
- Extended Synopsis (5 pages, **references do not count towards the page limit**)
- CVs (2 pages)
- Funding IDs (no page limit)
- Track Records (2 pages)

Part B1 is evaluated in Step 1, Step 2 and Step3

Part B1: Evaluated at Step 1, Step 2 and Step 3



Part B1: Evaluated at Step 1, Step 2 and Step 3



The Abstract

Cover page & summary

Abstract

Half a page
Copy/paste of abstract from Part A

If interdisciplinary or cross-panel

Justification
Indicate the additional ERC review panel(s)

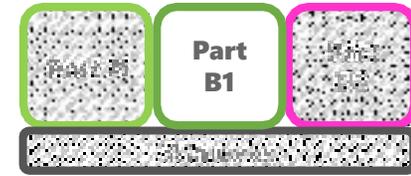
It's the first thing that everyone looks at

Panel chairs use key words in the abstract to choose the panel members who will carry out a closer review at Step 1

Mention interdisciplinary elements if they are relevant to your research question/approach

This text will become public if the proposal is successful

Writing the Extended Synopsis



Extended Synopsis (5 pages)

— **Contains all essential info**
Including feasibility

ERC-style project
Address the evaluation criteria, show why the project is exciting!

References should be included
Do not count towards the page limits

Self-contained

- **All the essential info** about your idea in **5 pages**
- **Describe where the novelty lies** – what is the state-of-the-art and how does this proposal go further?
- Your synopsis should be **referenced**, not counted towards page limits
- Must contain all relevant information and some details about **combination of the PI's scientific approaches** to show feasibility of the scientific proposal and the know-how (**skills, experience, expertise, disciplines and teams**) of the group

Persuasive to generalists

- A variety of **experts acting as generalists** come to a collective decision of whether to pass the proposal to Step 2 – so **be concise and clear without jargon**
- **Persuade them the idea and scientific approach are feasible** – include just enough and don't give a reason to reject!
- Demonstrate that the proposals goes **beyond what individual PIs** could achieve alone

Entertaining!

- Sell your idea - the synopsis should **grab the panellists' attention**
- Your idea should be ambitious – be explicit about **high risk and potentially high gain**
- The description of novelty and ambition **should leave them curious to find out more detail** in Part B2 at Step 2 and the interview at Step 3

Writing your CV

and filling in your Funding ID



Use the suggested template

- 2 page limit
- Be concise and make sure the CV is laid out clearly. Choose additional highlights wisely.
- CV template can also give you an indication of how to build your track record for future ERC bids.

Career breaks, reduced capacity or unconventional careers

- Complement any eligibility extensions with descriptions of career circumstances, incl. how/when you have been restricted.
- What were able to achieve despite these restrictions or via this unconventional path?
- New since 2022 – Covid-19 Impact to scientific productivity (300 characters)

Describe significance

- Add concise descriptive captions to explain why an entry is significant
- What can you flag as demonstrating independence, maturity or showing leadership?
- Significance evaluated for your career level, not compared to the average/highest levels
- Your story will be laid out in the track record, but you can lay the groundwork in the CV.

Funding ID table lists your current grants and on-going/submitted grant applications. You also have to briefly outline any scientific overlap with the ERC proposal. (This table will not count towards the page limits).

Section B1b Curriculum vitae

Section b: Curriculum Vitae

PERSONAL INFORMATION

Gaite Ariño, Alejandro Date of birth: May 26, 1976
 Instituto de Ciencia Molecular, Universidad de Valencia (UV)
 c/ Catedrático José Beltrán, 7, 46100 Paterna, Spain
 Tel:+34 96 354 4421 Fax: +34 96 354 3273



web page: <http://www.uv.es/gaite> e-mail: alejandro.gaite@uv.es
 Researcher ID: D-2110-2014

EDUCATION

2004	PhD in Chemistry (grade excellent Cum Laude)	University of Valencia, Spain
1999	MSc in Chemistry (grade excellent)	University of Valencia, Spain

POSITION

POSITION	FUNDING, GRANTS AND FELLOWSHIPS
2013 – 2018: Ramón y Cajal Fellow, Group Leader ICMol, UV, Spain	Ramón y Cajal Fellowship (Spanish government)
2011 – 2013: Research Associate, ICMol, UV, Spain	
2010 – 2011: Marie Curie Fellow, ICMol, UV, Spain	Marie Curie Int. Inv. Fellowship (EC)
2008 – 2010: Marie Curie Fellow, NHR, UBC, Canada	Marie Curie Int. Inv. Fellowship (Canadian government)
2007 – 2008*: Postdoctoral fellow, PITER, UBC, Canada	Postdoctoral Fellowship (Spain)
2007†: Postdoctoral fellow, ICMol, UV, Spain	Postdoctoral Fellowship (Valencian regional government)
2004 – 2007: Research Associate, ICMol, UV, Spain	
2000 – 2004: Early Stage Researcher, Dept. Inorg. Chem., UV, Spain	Predoctoral Grant (Valencia)
1998 – 1999: Student Collaborator, Dept. Inorg. Chem., UV, Spain	Collaboration Grant (Spain)

RESEARCH INTERESTS

My research interests are in molecular magnetism and quantum computing. I am currently interested in:
 (1) the theoretical modeling of molecular magnetism (in particular rare-earth single-ion magnets),
 (2) the rational design of molecular spin qubits and of schemes for implementing quantum gates, and
 (3) the modeling of the coupling of lattice phonons with molecular excitation.

SUPERVISION OF GRADUATE STUDENTS (2004-2014) and RESEARCH TEAM

Master + PhD theses (past): S. Cardona-Serra, M.A. AbdElhak Alkassas
 Master + PhD theses (ongoing): F.J. Baldovi Jachin, I. Escalera Moreno

I currently lead a small research team formed by SCS (postdoc), IJBF (PhD) and LEM (Master).

RESEARCH STAYS and MAIN COLLABORATORS

ongoing collaborations with	Prof. D. Lovic, University Basel, CH
	Dr. S. Hill, National High Magnetic Field Lab, US
	Dr. F. Lutz, Universidad de Zaragoza, ES
	Dr. L. Bogani, Universität Stuttgart, DE
	Dr. M. Schmalz, Ben-Gurion University, IL

2013	1 short research stay at Institut für Physik (Basel, CH)	1 week
2007-2009	1 postdoctoral stay at Pacific Institute for Theoretical Physics (Vancouver, CA)	3 years
2006	1 research stay at Institut für Physik (Basel, CH)	3 months
1999 – 2005	5 short visits to the Institut Louis Langevin (Grenoble, FR)	2 weeks
2005 – 2006	3 research stays at Université Paul Sabatier (Toulouse, FR)	7 months

Gaite Ariño

Part B1

DECRESIM

CAREER RECORD

All scientific publications in high-impact peer-reviewed international journals, including:
 Nature Nanotechnology (1) Phys. Rev. Lett. (2) Chem. Commun. (2) Chem. Sci. (1)
 J. Am. Chem. Soc. (3) Angew. Chem. Int. Ed. (2) Chem. Soc. Rev. (1) Inorg. Chem. (6)
 Chem. Eur. J. (5) J. Mater. Chem. (2) Dalton Trans. (2)
 n° of citations = 1265 (25% in 2013) h-index = 17 citations/article = 38
 Corresponding Author (CA) in 6 publications (=4 submitted),
 3 publications without my PhD supervisors (=2 submitted),
 2 "hot" papers (1 as CA) and 4 "research front" papers (2 as CA),
 with a total of 8 "highly cited" papers (5 as CA).
 *highlighted in a News and Views; † IRL Editors' Suggestion; ‡ referee-recommended

FUNDING: PROJECTS

I participated in 20 R+D+I projects funded in competitive tenders by public or private bodies.

Highlighted projects in the past 3 years (budget for the UV node):	coordinator			
STRIP Project no. 211284 "Molecular Spin Clusters for Quantum Information Processing", IUL-2007-830	M. Affronte	240 k€		2008 – 2011
Consolider-Ingenio 5. 512/2007/00010 "Molecular Nanoscience"	E. Coronado	2300 k€		2007 – 2012
Collaborative project FP7-210109 "Electric Field Control Over Spin Molecular"	Dr. van der Laan	450 k€		2011 – 2013
ERC Advanced Grant FP7-ERC-247384 "Magnetic Molecular and Hybrid Materials for Molecular Spintronics"	E. Coronado	1619 k€		2010 – 2015*
COST Action CH1203 "Polycyclic/Linear Chemistry for Molecular Nanoscience"	J. Escrigón	100 k€		2012 – 2016*
SEAT2011-22783 "Del magnetismo molecular a la superconductividad"	E. Coronado	600 k€		2012 – 2014
MAI2007-61284 "Moléculas moleculares para el magnetismo y la electrónica molecular: del diseño, estudio y procesamiento de nuevos materiales al desarrollo de aplicaciones"	E. Coronado	1244 k€		2007 – 2014
Sincomagnetismo Molecular: del diseño de moléculas magnéticas a la fabricación de dispositivos espintrónicos PROMETEOII 2012-058	E. Coronado	500 k€		2013 – 2016
DFOP-GA-2008-218214 "Funcionamiento de moléculas en robots"	A. Gaite	222 k€		2008 – 2011
Ramón y Cajal project RYC-2011-10608	A. Gaite	310 k€		2011 – 2016
Marie Curie Network NEP-210163718 "Advances in Molecular Composites of Rare Earths and Glasses"	R. Wijnbergen	400 k€		(evaluation 2010)

CONTRIBUTIONS TO CONFERENCES

40 contributions to conferences, including 6 contributed oral talks and 7 invited talks:
 2014: 10th International Workshop on Nanomagnetism and Superconductivity at the Nanoscale
 2013: American Physical Society March Meeting
 2012: 82nd Pugwash Summit "Frontiers and Perspectives in Molecule-Based Quantum Magnetism"
 2012: Symposium "Frontiers in Metal Oxide Cluster Science"
 2011: Israel Physical Society Conference
 2010: International Chemical Congress of Pacific Basin Societies
 2008: European Materials Research Society Spring Meeting

JOURNAL REFEREEING

I am presently reviewer for the American Chemical Society (Inorganic Chemistry), the Royal Society of Chemistry (Physical Chemistry, Chemical Physics) and Elsevier (Chemical Physics Letters).

OTHERS: LANGUAGE PROFICIENCY - OUTREACH

ILR5: Spanish ILR4: English ILR3: Catalan ILR2: German, French, Esperanto
 I have written one scientific outreach article in the general press and 2 open access Wikipedia articles.
 I am responsible of a science blog associated with a monthly publication.

27 Source: Essential Science Indicators of the Web of Knowledge

Section B1b Curriculum vitae

Scientific community activity

- **Referee** for peer-reviewed journal: Physical Review Letters, Angewandte Chem., Advanced Materials, Advanced Functional Materials, Biomaterials, Journal of Materials Research, Materials Research Bulletin, Surface and Coatings Technology, Composites Part A, Crystal Growth and Design, Journal of the American Ceramic Society, Chemical Engineering Journal, International Journal of Applied Ceramic Technology, Biomedical Materials, International Journal of Materials Research, Polymer, Ceramics International, Biomacromolecules, Journal of the Royal Society Interface, Journal of Microscopy, Journal of Chemical Technology & Biotechnology, Acta Materials, Journal of the European Ceramic Society
- **Contributing editor** for the Journal of the American Ceramic Society
- **Referee** for the French National Research Agency (ANR, 2008 and 2009), NSF career program (2010)
- **Advisory board** for ECERS 2009 and CIMTEC 2011
- **Initiator and co-organizer** of the 1st International and Multidisciplinary Workshop on the Solidification of Colloidal Suspensions (2010, Avignon, France). Co-organized by the CNRS, Saint-Gobain and the University of Oxford

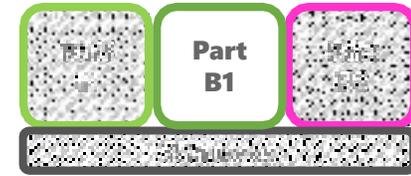
https://figshare.com/articles/journal_contribution/My_successful_ERC_Starting_Grant_Proposal/7110767

Other activities

- **Workshop (co-organization):** GEMS 2010 (submitted), ESSLI 2008 Distributional Lexical Semantics (Hamburg), Contextual Information in Semantic Space Models at Context 2007 (Roskilde), Web as Corpus 1 (2005, Forli), 2 (2005, Birmingham) and 3 (2006, Trento)
- The Italian part-of-speech tagger developed by my team was ranked second best in the **EUVALITA 2007 evaluation campaign**
- Co-organized the first **CLEANEVAL shared task** for Web page cleaning (2007)
- Co-founder and secretary of the **Special Interest Group** of the Association for Computational Linguistics (ACL) on **Web as Corpus**
- **ESSLI 2006 course** instructor (with Stefan Evert): Counting words: an introduction to lexical statistics (Malaga)
- I maintain, with Stefan Evert, **SIGIL**, an **online introduction to statistics for linguists**
- In **program committee** of more than 10 international conferences (including ACL, EACL, COLING, IWCS, EMNLP – best reviewer award at EMNLP 2010) and more than 15 international workshops
- **Reviewer** for more than 15 **journals** (including Natural Language Engineering, IEEE Intelligent Systems, Language Resources and Evaluation Journal, Cognitive Linguistics, Europhysics Letters, Artificial Intelligence Journal, Morphology and the Journal of the Acoustical Society of America) and **2 books**
- **Reviewer** for several **funding agencies**, including the US National Science Foundation and the UK Economic and Social Research Council

http://marcobaroni.org/composes/composes_ERC_2011_StG_PartB1.pdf

Writing your Early Achievements Track-Record



Track Record

- 2 pages max length
- Tell your story – don't be afraid to tell present yourself explicitly as an excellent candidate as demonstrated by achievements and their context
- Provide brief explanations linked to each CV & Funding ID entry.
- Relate yourself clearly with the criteria for a ERC Principal Investigator

10 publications for Consolidator Grant

- Several important publications as main author or without the participation of their PhD supervisor.
- Include field-relevant bibliometric indicators but NOT the Journal Impact Factor.
- Add descriptive captions to set the context for the authorship and impact of a publication.
- These publications will be judged by generalists based on expectations in your field,

Highlight independent research

- "A competitive CoG PI must have already shown research independence and evidence of maturity"
- How and when have you distinguished yourself from your supervisor(s)
- When did you attract the attention or participation of important figures in your field?

Early achievements

- Consolidator Grant evaluators' expectations set according to each applicant's career stage –
- But the applicant still has to demonstrate they are outstanding within that context.
- Patents granted
- Invited presentations
- Prizes/awards/academy memberships

Section c: Early achievements track record

Keywords

Part B1

DECRETIN

Section c: Early achievements track record (part 2) (2008)

My two current main research interests, which arose as a result of this project, are **spin qubits** and **one-to-one single-ion magnets**. In each one of these two fields I have made central contributions (see below) which have strongly impacted in the molecular magnetism community. The first one concerns the proposal of using molecular systems for the coupling of two spin qubits in order to develop a quantum gate (published in *Nature Nanotechnology*, 2007); this theoretical work had a strong impact in the current field of molecular spintronics since it proposed the way of controlling the spin state of a molecular system through an electrical current. The second was the discovery, first, of lanthanide mononuclear complexes based on polyoxometalates behaving as single molecular magnets (published in *ACS*, 2008). This work showed for the first time the way to molecular magnetism: the key role played by the crystal field around the lanthanide in the magnetic properties exhibited by these mononuclear complexes, which represent the ultimate step towards the realization of the single-molecule magnets, as a single metal ion, rather than a magnetic cluster, is enough to behave as a tiny magnet.

For both fields, these contributions were the first published papers about these topics at the ICMol. Indeed, they opened to open two new lines of research. Most of my publications after my PhD period, including all my major contributions to date (see below for a selective) stem from the two fields mentioned above. Nowadays a total of around 30 researchers and technicians are working at the ICMol in those two fields. Four PhD students have been working in these lines of research under my supervision since then: N. A. Alderson, S. Cardona-Serra, J. J. Baldoví and L. Escudé (M.A.A. is now Distinguished Researcher in the U. of Jordan, he has obtained funding and supervision a PhD working in the same topic). Moreover, my theoretical team is a reference for molecular spin qubits in Spain, being the only chemistry team participating in the first Workshop on Quantum Information in Spain (2012). A Consultant in Spain will launch my current 3d group leader, which has recently been officially acknowledged by the extremely competitive Ramón y Cajal program with 175,000€ for 2106 applications (date: Nov. 2015).

I include here 10 highlighted publications, divided by career period, plus 2 more currently under review. The one * indicates I am corresponding author (or first author in a publication with no other authors).

PhD period

"Magnetic polyoxometalates: Antiferromagnetic interactions in the $[La(W_9O_{34})_2]^{10-}$ complex"

[Nat. Chem., 2008, 10, 1000]

S. M. Cardona-Serra et al., *Angew. Chem.*, **2005**, *117*, 3385

[cites: 54]

This work, representative of my PhD, focused on the use of Terahertz Neutron Scattering to characterize the exchange interactions in magnets.

Intermediate postdoctoral period

In this period I produced my first scientific breakthrough, on the topic of using magnetic molecules as quantum hybrid quantum gates:

"Spin qubits with intrinsically good polyoxometalate molecules"

J. Lehmann et al., *Nature Mater.*, **2007**, *6*, 312

[cites: 164]

J.L. and I equally contributed to the main idea of the paper. This proposal built upon the theoretical work performed by M.A.A., who was my first PhD student. It is having a high impact in the current field of molecular nanospintronics. This work was highlighted in the cover of the journal, and also by a "News and Views" article entitled "Quantum information: High fidelity" and is considered a "highly cited paper" according to ISI Web of Knowledge (see Web of Science). I was invited to give a lecture about this work by the European Materials Research Society in 2008.

Intermediate postdoctoral period

In this period I was invited to participate in a special issue of *Journal of Molecular Chemistry of Molecular Spectroscopy*, resulting in the next two publications:

"Quantum coupling of two molecular spin qubits"

J. Lehmann et al., *J. Mol. Chem.*, **2008**, *11*, 1672

[cites: 20]

"Spin-based quantum computers made by chemistry: An overview"

P. C. E. Stamp and A. Gaita-Arino, *J. Mol. Chem.*, **2008**, *11*, 1718

[cites: 61]

The Science article I wrote together with PCE Stamp, my postdoctoral supervisor, was aimed to guide chemists in the design of molecular spin qubits. This work was a central work of my self-driven Marie Curie project "Dynamics of magnetic molecular spin qubits" which funded my research both in Vancouver (during 2 years) and in Valencia (the third year). This project also consolidated my previous breakthrough in the field and resulted in the opening of a new line of research in the ICMol in Valencia. This work will serve

as a starting ground for Task 1.4 of the current project. In this period I also produced my second scientific breakthrough, by opening up the field of Single Ion Magnets in a variety of chemical families:

"Mononuclear Lanthanide Single-Molecule Magnets Based on Polyoxometalates"

M. A. Alderson et al., *J. Am. Chem. Soc.*, **2008**, *130*, 8874

[cites: 308]

This communication disrupted the field of Molecular Magnetism as it opened the field of Single Ion Magnets, which is currently the hottest focus of interest in Molecular Nanomagnetism. Motivated by this discovery, chemists have prepared since then hundreds of new examples of mononuclear lanthanoid complexes exhibiting SMM behavior in a variety of different geometries.

This seminal work was my first achievement as a group leader, and indeed I am corresponding author of the paper. This article is a hot paper in chemistry, with 44 citations/year and being the 36th most cited paper of *J. Am. Chem. Soc.* in 2008 (of a total of 285!). Currently it appears as a "highly cited paper" and is top cited original contribution in a 43-paper Research Front cluster on Single Ion Magnets, according to ISI WoK.

"Mononuclear Lanthanide Single-Molecule Magnets Based on the Polyoxometalate $[La(W_9O_{34})_2]^{10-}$ and $[La(\beta-SiW_9O_{34})_2]^{10-}$ ($La(III) = Th, Dy, Ho, Er, Tm, and Yb$)"

M. A. Alderson et al., *Inorg. Chem.*, **2009**, *48*, 3467

[cites: 171]

In this full paper, the work started in the previous communication in *JACS* was continued by my second PhD student, S.C.S., who finished his thesis a few months ago and has already been offered a position in the Polytechnical University of Valencia. This work has received 28.5 citations per year, making it the 2nd most cited paper of *Inorganic Chemistry* in 2009 (of a total of 1478). Currently it appears as a "highly cited paper" at ISI WoK, where it is also the 5th most cited original contribution in the aforementioned Research Front.

Reintegration period

During my reintegration I have developed an independent international collaboration with Dr. M. Schuchter and Dr. V. Goodwin-Albertson and no participation of any of my supervisors (PhD, postdoc). The topic is not related to Molecular Magnetism or spin qubits, but to the coupling between local excitations and lattice phonons. This expertise will be fundamental for Task 1.2.

"Identification of Strong and Weak Interacting Two-Level Systems in $KBr:CN^-$ "

A. Gaita-Arino and M. C. E. Schuchter, *Phys. Rev. Lett.*, **2011**, *107*, 105504

[cites: 2]

" $Ar-N_2$ - a new universal glass"

A. Gaita-Arino et al., *Phys. Rev. Lett.* (under review)

My main line of work in this period, as a postdoc transitioning to group leader in the ICMol, is based on the rational chemical design of Single Ion Magnets, relating the coordination environment in the Crystal Field Hamiltonian by a point charge model. This work establishes the ground for Task 1.1. The wide interest of this line is demonstrated by the fact that I have been invited speaker at four international conferences (in four different continents) between 2012 and 2014. Key papers in this period are:

"Rational design of single ion magnets and spin qubits based on mononuclear lanthanoid complexes"

J. J. Baldoví et al., *Inorg. Chem.*, **2012**, *51*, 12565

[cites: 14]

This is a "highly cited paper" according to ISI WoK, a "hot paper" and part of the aforementioned "Research Front".

"Lanthanoid single-ion-magnets based on polyoxometalates with a 3-fold symmetry: the series $[LaP_5O_{30}(W_9O_{34})_2]^{10-}$ ($La(III) = Th, Dy, Ho, Er, Tm$ and Yb)"

S. Cardona-Serra et al., *J. Am. Chem. Soc.*, **2010**, *132*, 14982

[cites: 14]

This is a "highly cited paper" according to ISI WoK and a "hot paper".

"Modeling the properties of Uranium-based Single Ion Magnets"

J. J. Baldoví et al., *Chem. Science*, **2013**, *4*, 938

[cites: 10]

This work constitutes a key contribution in molecular nanomagnetism and is part of the PhD work of J.J.D. The preliminary results about it were presented in the International Conference of Molecular Based Magnets 2012. This is a "highly cited paper" and part of another "Research front" on Uranium-based SMMs.

Finally, I have recently developed and submitted a proposal for the use of trinuclear lanthanoid complexes for a quantum algorithm:

"Quantum Error Correction with magnetic molecules"

J. J. Baldoví et al., *Phys. Rev. B*, (under review)

[cites: 0]

I am the sole corresponding author in this paper. None of my main supervisors (PhD, postdoc) participated in this work.

Appendix: Funding ID

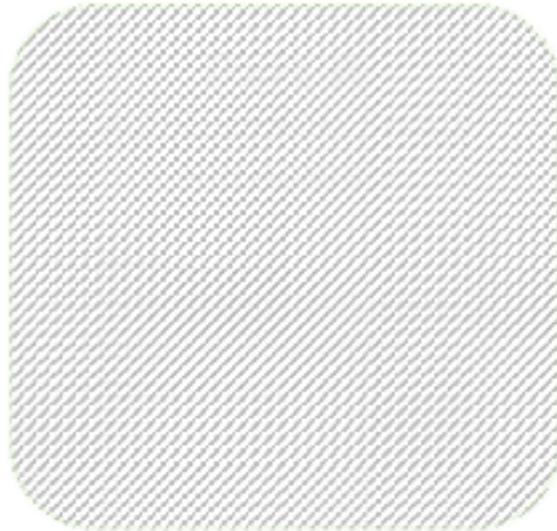
Appendix: All on-going and submitted grants and funding of the PI (Funding ID)
 Mandatory information (does not count towards page limits)

On-going Grants

Project Title	Funding source	Amount (Euro)	Period	Role of the PI	Relation to current ERC proposal
RYC-2012-11908	Spanish MINECO	210 000€ (salary of the PI + 40 000€)	2013 – 2018	PI	Grant not bound to a particular scientific project. Will cover salary of PI in ERC.
FPT-ERC-247384 "Magnetic Molecules and Hybrid Materials for Molecular Spintronics"	European Commission (ERC Advanced Grant)	1 679 700 €	2010 – 2015	Participant	No overlap.
MAT2011-22785 "Del magnetismo molecular a la espintrónica molecular"	Spanish MINECO	600 000 €	2012 – 2014	Participant	No overlap.
Cost Action CM1203 Polyoxyometalate Chemistry for Molecular Nanoscience (PoCheMoN)	European Commission	100 000€	2012 – 2016	Participant	No overlap.
Nanomagnetismo Molecular: Del Diseño De Moleculas Magnéticas A La Fabricación De Dispositivos Espintrónicos PROMETEOII' 2013/006	Generalitat Valenciana (local government)	500 000€	2013 – 2016	Participant	No overlap.

Applications

Project Title	Funding source	Amount (Euro)	Period	Role of the PI	Relation to current ERC proposal
"Anisotropy in Molecular Compounds of Rare Earths and Uranium" ANIMOL-RARE SEP-210163218	European Commission (Marie Curie network)	400 000€ for the U/VEG node	2014 – 2019	Node coordinator	Related field of knowledge, thus coincidence of some of the methods. No overlap in scientific objectives.



Part B1

Proposal Overview and PI Track Record

- Cover page and summary
- Extended Synopsis (5 pages)
- CV (2 pages)
- Funding ID
- Track Record (2 pages)

Part B2

Detailed Research Proposal

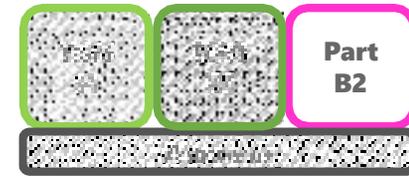
- State of the art
- Objectives
- Methodology

(Total of 14 pages)



At Step 2 there is also a ~30 min interview with your panel (presentation and Q&A)

Writing your State of the Art and Objectives



- **State of the art and objectives**
 - Objectives here become grant agreement objectives

- **Methodology**
 - Proposed methodology
 - Milestones and alternatives
 - Risk and mitigation
 - Project Management
 - Publication & Exploitation of results

Coherence with Part B1

- Elaborate Part B1 coherently: Explain precisely how you plan to achieve what you promised.
- A remote expert review will be provided to the generalist panel, add technical detail that someone much closer to your field would need to know.
- Don't copy & paste from Part B1. Both looked at together at Step 2, so make them complementary.

State of the art

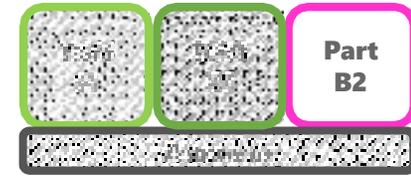
- It should be clear how and why the proposed work is important for the field.
- What scientific impact will your project have if successful? What new horizons or opportunities for science, technology or scholarship?

Objectives

- Objectives should fit the context of the state-of-the-art – they should match the ambition to go past the current frontier.
- These objectives will become part of the Grant Agreement if successful – so the need to be feasible.

Part B2 is only evaluated in Step 2 and Step 3

Writing your Methodology



Methodology

- Should be extensive, include the essential detail that an expert in your field would need to know.
- Don't leave any reasons for experts to raise doubts for the panel
- Work plan should also be clear and persuade evaluators that you can carry out the logistics of a long term project.

Risk Mitigation Strategy

- Where possible cover every risk with a mitigation strategy.
- ERC accepts high risk to hopefully reach high gain – so don't shy away
- But evaluators and external experts can be risk averse.
- Explicit but controlled risk

Your team

- Be sure to show how you will be the leader of the team and central figure for the project.
- Explain what each team member will do – these can be named people or roles specified for recruitment.

Justify resources

- Be ambitious, if you don't ask for something needed that can be a problem.
- Justify: budget lines must have place in the project and be linked to objectives.

Annexes

UPLOAD AS PDF DOCUMENTS

About the Institution

• Host Institution support letter

➤ Using the [NEW template](#)

➤ On official headed letter

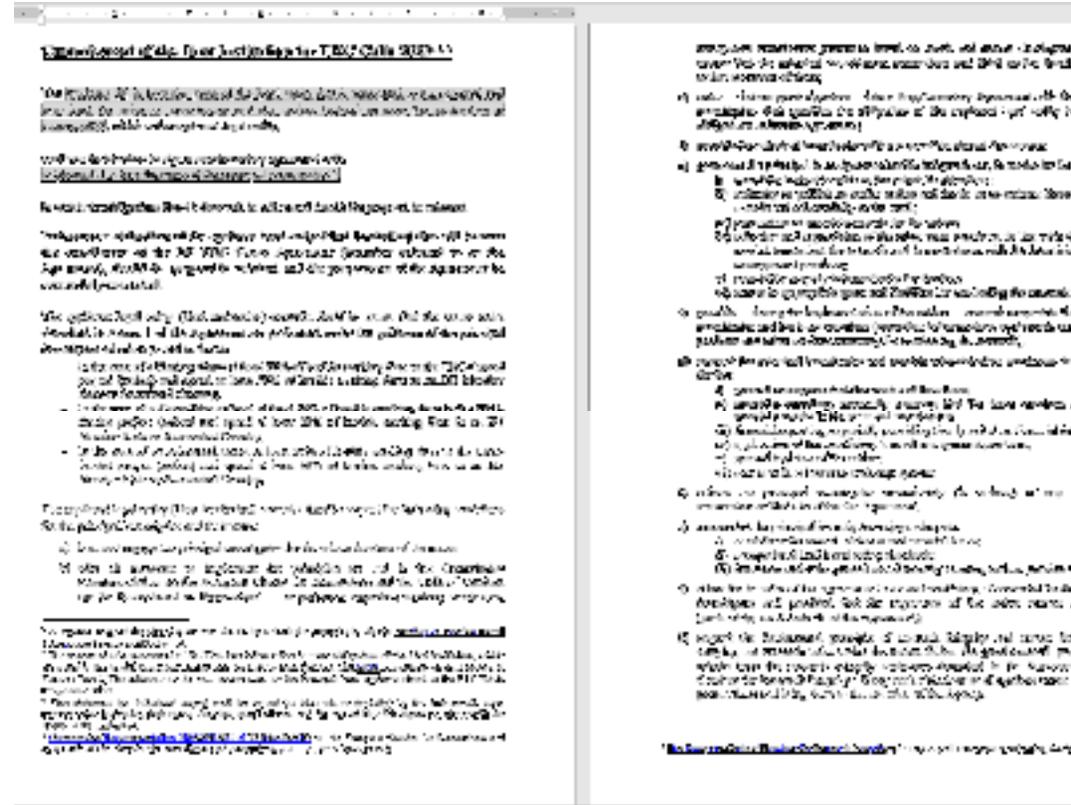
➤ Can be digitally signed

About the Project

• **Ethics documents** if requested by Part A Ethics questionnaire (e.g. ethics committee decisions, licenses etc.)

• If the **character limit in Ethics self-assessment is too short**, upload appropriate responses as PDF annexes.

• Documents related to the **security issues** (i.e. supporting documentation)



Final Step for Submission

Proposal forms

Proposal
10 February 2022 17:02:07 (Refresh Last Time)

76 days left until closure

Call ID: 1010-2021-006
Topic: H2020-SC10-10101
Topic Label: H2020-SC10-10101
Type of MOA: H2020-SC10-10101

⚠️ You can't change the type of action only by changing a new proposal

Proposal data

Acronym: H2020-SC10-10101

Download Part A attachments

Download your attachments

Request CDA links

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Service Desk:

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📄 [View all services](#)

1 In this step you can edit the online abstract form and upload the proposal abstract annexes. You may edit it as long as the "My Proposals" section of the landing is marked "Marked".

Submit your proposal as early in the process as possible - you can update and resubmit an improved version many times before the call closure.

Submitting a proposal will overwrite any previous versions of this same proposal - this process is irreversible.

Any changes made to the proposal will not be available in the European Commission's public online submission before the call closure.

⚠️ Your proposal contains changes that have not yet been submitted.

Administrative forms (Part A)

📄 **Part A** | 📄 **Part B** | 📄 **Part C** | 📄 **Part D**

Part B and Annexes

In this section you may upload the administrative forms of the proposal (in PDF format only) and any other requested attachments.

Part B1*	📄 Upload
Part B2*	📄 Upload
Part B3*	📄 Upload
Part B4*	📄 Upload
Part B5*	📄 Upload
Part B6*	📄 Upload
Part B7*	📄 Upload
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🔍 [BACK TO PARTICIPANTS LIST](#) [VALIDATE](#) [SUBMIT](#)

eReceipt

The screenshot displays the 'My Proposal(s)' page in a grant management system. The page features a navigation menu on the left, a search bar, and a table of proposals. The table has the following columns: PROGRAM, CALL, FINANCING SCHEME, PROPOSAL ID, ACRONYM, STATUS, REMAINING TIME, CLOSURE DATE, and ACTIONS. Two proposals are listed:

PROGRAM	CALL	FINANCING SCHEME	PROPOSAL ID	ACRONYM	STATUS	REMAINING TIME	CLOSURE DATE	ACTIONS
1000	HSRG-2018-01	SVE 1	01107	test test	Submitted	100%	23-04-2018 17:00:00	Address
1000	10000-01-01-01-01-2018-2022	SVE 2	00000	test	Withdrawn	100%	23-04-2018 17:00:00	View eReceipt

The 'View eReceipt' button in the ACTIONS column for the second proposal is circled in red.

eReceipt in the context of grant proposals, it is a digital confirmation from the European Commission that the proposal has been submitted, and registered as such. After submission of the proposal, a signed copy of the submitted proposal will be shortly available for the participant. This signed version contains:

- A certificate by the European Commission (EC_Digit)
- A copy of the part A as submitted, mentioning the name of the person who has submitted, as well as the date and time of submission.
- A copy of the pdf annexes which have been included in the submitted proposal, mentioning the name of the person who has submitted, as well as the date and time of submission.
- A digitally sealed acknowledgement of the Receipt of the proposal by the Commission.



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ეკატერინე სანაია

Email.: esanaia@rustaveli.org.ge

ტელ.: +995 577 392 790

