ERC - European Research Council

Supporting top researchers from anywhere in the world

Aslı VURAL

ERC National Contact Point

ERC Programme Committee Member

24 March 2023

The Scientific and Technological Research Council of Turkey

TÜBİTAK

Content

- ERC, WP, Calls and Rules
- Application forms
- Evaluation Process
- Other important issues
- TÜBİTAK Support Programmes
- Suggestions

ERC

Work Programme

Calls

Rules

Horizon Europe (2021-2027)

Total budget: € 95.5 Billion

Horizon Europe

The ERC represents **17% of the overall Horizon Europe budget,** i.e € 16 billion

Pillar 1
EXCELLENT SCIENCE

- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3
INNOVATIVE EUROPE

- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

Objectives and Principles

European Research Council

The ERC, set up by the European Union in 2007 is the premier European funding organisation for excellent frontier research.

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

It funds creative researchers of any nationality and age, to run projects based across Europe.

The ERC is led by an independent governing body, the **Scientific Council.**

Objectives and Principles of ERC

anywhere in the world

any field of research

High risk / High gain

Portable

(Money follows researcher)

best settings to foster **creativity**

Scientific Excellence

One Principle Investigator

(except SyG)

One Host Institution

Attractive, flexible, long term funding

A success story for 15 years

>10,000 top researchers

75,000 team members employed in ERC Grants (Each ERC grantee employs on average **7 team members**)

>12,000 projects

850 host institutions

200,000 articles published. Over 6,100 articles are among the top 1% highly cited.

85 nationalities

2,200 patents and other IPR applications

ERC Grantees have won **12** Nobel Prizes, **6** Fields Medals, **11** Wolf Prizes

400 start-up companies funded/co-funded by ERC Grantees

More than **%70-80** of projects made scientific breakthrough or major advances

Why would I apply to the ERC?

ERC offers you

- the possibility to work on a research topic of own choice, with a team of own choice
- true financial autonomy for 5 years.
- the means to negotiate with the host institution for the best conditions.
- the means to allocate time for research
- the ability to attract best team members, best collaborations as a quality label.

ERC Grants

Starting Grant

2-7 years after PhD

up to €1.5 Million
for 5 years

+ up to € 1 Million*

Consolidator Grant

7-12 years after PhD

up to € 2 Million
for 5 years

+ up to € 1 Million*

Advanced Grant

10 years track record

up to € 2.5 Million
for 5 years

+ up to € 1 Million*

Synergy Grant

2 - 4 PIs at any career stage

up to € 10 Million
for 6 years

+ up to € 4 Million*

Proof of Concept (for ERC Grant Holders)

bridging gap between research - earliest stage of marketable innovation
up to **€150,000 for up to 18 months**
(Possibility to apply to EIC Transition with the results)

- ERC **does not** fund consortium based multi-partner international projects
- ERC **does not** evaluate “Impact” or “Implementation”: **it evaluates only “scientific excellence”**
- ERC **does not** request work packages and especially deliverables in the proposal
- ERC **does not** focus on final product/outcome

2023 ERC Calls

	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
Call identifier	ERC-2023-StG	ERC-2023-CoG	ERC-2023-AdG	ERC-2023-SyG
Call opens	12/07/2022	28/09/2022	08/12/2022	13/07/2022
Call deadline	25/10/2022	02/02/2023	23/05/2023	08/11/2022
Budget million EUR (estimated number of grants)	628 (407)	595 (300)	597 (246)	300 (30)

Total Budget of the Calls:
2.2 Billion €

Total number of projects to be funded:
983

Total number of StG+CoG projects to be funded: 707 (%72)

A Similar call calendar is expected for 2024 calls

Important Documents

EN

ANNEX

European Commission Decision C(2022) 4861

ERC Work Programme 2023

erc

European Research Council

Established by the European Commission

1 | Page

EU Grants: ERC-STG & ERC-COG— Information for Applicants to the Starting and Consolidator Grant Calls: V5.0 12.07.2022

Horizon Europe

European Research Council (ERC)
Frontier Research Grants

Information for Applicants to the Starting and Consolidator Grant Calls

erc

European Research Council
Executive Agency

Established by the European Commission

Version 5.0
12 July 2022

Others:

- Guide for peer reviewers
- How to Complete your Ethics Self-Assessment
- ERC Rules of Submission
- Model Grant Agreement

! 2024 WP will be published in July 2023 with some changes in evaluation and application forms

https://ufukavrupa.org.tr/tr/alanlar-kumeler/avrupa-arastirma-konseyi

Calculation of Eligibility Window for 2024 calls

Update on 2023 Calls

Prospective applicants to the 2023 Starting and Consolidator Grant Calls should note that the ERC is aiming to change the PhD reference date for the calculation of the eligibility period from the date of the actual award according to the national rules of the country where the degree was awarded to the **date of the successful PhD defence.**

For 2024 Calls the reference date will be 1 January 2024

	Starting Grant	Consolidator Grant	Advanced or Synergy Grant
Special Eligibility Criteria	First successful PhD defence date >2 and ≤ 7 years Prior to 1 Jan 2024 **For ERC-2024-StG call** From 1 January 2017 to 31st December 2021 (inclusive)	First successful PhD defence date >7 and ≤ 12 years Prior to 1 Jan 2024 **For ERC-2024-CoG call** From 1 January 2012 to 31st December 2016 (inclusive)	-

Extension of the Eligibility Window

Properly documented circumstances:

Maternity: (18 months extension for each child born before or after the date of the successful defence of their PhD defence. If the applicant can document a longer total maternity leave, the eligibility period will be extended by the documented amount of actual leave(s) for all children taken before the call deadline. Same also applies for child adoption.)

Paternity (documented time of leave taken before the call deadline for each child born before or after PhD defence. The same principle also applies for child adoption)

Long term illness (Over 90 days for the Principal Investigator or a close family member (child, spouse, parent or sibling). After the PhD defence. An extension can be granted corresponding to the documented time of leave actually taken)

National service after PhD defence

Clinical training (after PhD defence and up to 4 years)

NEW **Natural disaster** (after PhD defence, Large-scale geological or meteorological events that have the potential to cause the loss of life or property, up to 30 days)

NEW **Seeking Asylum:** (after PhD defence)

Minimum Time Commitment of PI

Minimum percentage of the working time of a Principal Investigator that must be spent	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
On the ERC project	50%	40%	30%	30% for each Principal Investigator
In a Member State or Associated Country[44]	50%	50%	50%	50% for each Principal Investigator engaged and hosted by an institution in the EU or Associated Countries

Field work outside EU&AC:
Time spent on such field work or other research activities may count as time spent in the EU or the Associated Countries for the purpose of the Principal Investigator's time commitment.

Applicable for the whole duration of the project

Changes in ERC 2024 WP: application forms and evaluation procedures

- The current CV and Track Record templates will be combined and simplified and applicants will be able to add short narrative descriptions to explain the information provided.
- Applicants will also be invited to explain career breaks or unconventional career paths and to describe exceptional contributions to the research community (being a panelist, science communication activities, citizen science, training young researchers etc..
- Profiles of the ERC Principal Investigators which appeared in previous Work Programmes will no longer be necessary.
- The project proposal will explicitly weighed more than the past achievements of the applicant during the evaluation.

✓ Full details will be found in the ERC Work Programme 2024 and the associated guidance documents. (july 2023)

✓ Suggestion: Applicants may start their preparations by using the 2023 templates for the time being.

Formal announcement: https://erc.europa.eu/news-events/news/erc-scientific-council-decides-changes-evaluation-forms-and-processes-2024-calls

Application Forms

Application Forms

Changes are expected in CV and track record in WP 2024

Part B1 (submitted as pdf)

Evaluated in Step 1 & Step 2

Text box - Cross-panel explanation

a – Extended synopsis	5 pages
b – Curriculum vitae	2 pages ?
c – Track-record	2 pages ?
Appendix – Funding ID	no page limit

Part B2 (submitted as pdf)

Only evaluated in Step 2

Scientific proposal 14 pages

a – State-of-the-art and objectives

b – Methodology

~~c – Resources~~ => online (part A)

Administrative forms (Part A)

1 – General information

2 – Administrative data of participating organisations

3 – **Budget- resources section**

4 – Ethics

5 – Call specific questions

Annexes

HI Statement of Support

PhD Certificate (for StG and CoG)

Documentation for requests for eligibility extensions

Documentation for ethical issues

Read the Information for Applicants

B1

ERC Starting Grant 2023
Research proposal [Part B1][1]
(Part B1 is evaluated both in Step 1 and Step 2, Part B2 is evaluated in Step 2 only)

Proposal Full Title

PROPOSAL ACRONYM

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

Text highlighted in grey should be deleted.

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

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

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

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

Section a: Extended Synopsis of the scientific proposal (max. 5 pages, references do not count towards the page limits)

[The Extended Synopsis should give a concise presentation of the scientific proposal, with particular attention to the ground-breaking nature of the research project, which will allow evaluation panels to assess, in Step 1 of the evaluation, the feasibility of the outlined scientific approach. Describe the proposed work in the context of the state of the art of the field. References to literature should also be included. Please use a reference style that is commonly used in your discipline such as American Chemical Society (ACS) style, American Medical Association (AMA) style, Modern Language Association (MLA) style, etc. and that allows the evaluators to easily retrieve each reference.]

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

Extended Synosis: 5 pages + references

Concise presentation of the proposal with emphasis **on ground-breaking nature** and **feasibility** taking into account the current **state-of-the-art**

Do NOT split the sections and/or references in Part B1 and do NOT upload them as separate documents. The peer reviewers will only receive one single document for evaluation at Step 1. Hence, Part B1 should contain all elements as explained in this template and if some parts of Part B1 are uploaded as separate attachments, the peer reviewers will not have access to them.

CV

Section b: Curriculum vitae (max. 2 pages)

[Please follow the template below as much as possible. Please note that the CV part has been slightly modified compared to 2022 calls ("Supervision of Graduate Students and Postdoctoral Students" has been removed from the structured CV for Starting Grant and Consolidator Grant applicants).]

PERSONAL INFORMATION

Family name, First name:
Researcher unique identifier(s) (such as ORCID, Research ID, etc. ...):
Date of birth:
Nationality:
URL for web site:

- **EDUCATION**

200? PhD
Name of Faculty/ Department, Name of University/ Institution, Country
Name of PhD Supervisor
199? Master
Name of Faculty/ Department, Name of University/ Institution, Country

- **CURRENT POSITION(S)**

201? – Current Position
Name of Faculty/ Department, Name of University/ Institution/ Country
200? – Current Position
Name of Faculty/ Department, Name of University/ Institution/ Country

- **PREVIOUS POSITIONS**

200? – 200? Position held
Name of Faculty/ Department, Name of University/ Institution/ Country
200? – 200? Position held
Name of Faculty/ Department, Name of University/ Institution/ Country

- **FELLOWSHIPS AND AWARDS**

200? – 200? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
200? Award, Name of Institution/Country
199? – 199? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

- **TEACHING ACTIVITIES (if applicable)**

200? – Teaching position – Topic, Name of University/ Institution/ Country
200? – 200? Teaching position – Topic, Name of University/ Institution/ Country

- **ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)**

201? Please specify your role and the name of event / Country
200? Please specify type of event / number of participants / Country

- **INSTITUTIONAL RESPONSIBILITIES (if applicable)**

201? – Faculty member, Name of University/ Institution/ Country
201? – 201? Graduate Student Advisor, Name of University/ Institution/ Country
200? – 200? Member of the Faculty Committee, Name of University/ Institution/ Country
200? – 200? Organizer of the Internal Seminar, Name of University/ Institution/ Country
200? – 200? Member of a Committee; role, Name of University/ Institution/ Country

- **REVIEWING ACTIVITIES (if applicable)**

201? – Scientific Advisory Board, Name of University/ Institution/ Country
201? – Review Board, Name of University/ Institution/ Country
201? – Review panel member, Name of University/ Institution/ Country
201? – Editorial Board, Name of University/ Institution/ Country
200? – Scientific Advisory Board, Name of University/ Institution/ Country
200? – Reviewer, Name of University/ Institution/ Country
200? – Scientific Evaluation, Name of University/ Institution/ Country
200? – Evaluator, Name of University/ Institution/ Country

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)**

201? – Member, Research Network "*Name of Research Network*"
200? – Associated Member, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country
200? – Founding Member, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

- **MAJOR COLLABORATIONS (if applicable)**

Name of collaborators, Topic, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

- **CAREER BREAKS (if applicable)**

Exact dates Please indicate the reason and the duration in months.

- **COVID-19 IMPACT TO SCIENTIFIC PRODUCTIVITY (if applicable)**

Please specify which of the following situations apply to you:

- ☐ Increased caring responsibility for dependent person, including home schooling of children;
- ☐ No access to laboratory facilities, archives, or other necessary facilities;
- ☐ No access to field work;
- ☐ Adaptation to online teaching;
- ☐ Physical and/or mental health issues;
- ☐ Other(s) _____

(optional)
Explain with objective facts how your productivity was affected by the COVID-19 pandemic. There is a limit of 300 characters, spaces and line breaks included.

2 pages

Please follow the template for StG, CoG or AdG

Changes are expected in WP 2024

Track Record

Applicant's last name Part B1 ACRONYM

Section c: Early achievements track-record (max. 2 pages)[3]

[Provide a list of achievements reflecting the Principal Investigator's track record.
You may include a short narrative describing the scientific importance of the research outputs and the role that the Principal Investigator played in their production.]

(see 'Information for Applicants to the Starting and Consolidator Grant 2023 Calls' for completing this section)

Do NOT split the sections and/or references in Part B1 and do NOT upload them as separate documents. The peer reviewers will only receive one single document for evaluation at Step 1. Hence, Part B1 should contain all elements as explained in this template and if some parts of Part B1 are uploaded as separate attachments, the peer reviewers will not have access to them.

2 pages

For StG:
Upto **5** selected publications

For CoG and AdG:
Upto **10** selected publications

include short narrative for each pub.

Include field relevant bibliometric indicators

No JIF (journal Impact factors)

+ other achievements

Changes are expected in WP 2024

B1: Track Record for StG

Early achievements track record

1. **Up to five publications** in **major international peer-reviewed multi-disciplinary scientific journals** and/or in the **leading international peer-reviewed journals, peer-reviewed conferences proceedings and/or monographs** of their respective research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor (properly referenced, field relevant bibliometric indicators (except JIF) may also be included); preprints may be included, if freely available from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);
2. **Research monographs and any translations thereof**;
3. **Granted patent(s)**;
4. **Invited presentations to internationally established conferences and/or international advanced schools**;
5. **Prizes, awards, academy memberships**.

Changes are expected in WP 2024

Benchmark: PI must have already shown the potential for research independence and evidence of maturity (for example by at least one important publication as main author or without the participation of PhD supervisor)

A short narrative describing the scientific importance of the research outputs and the role played by the Principal Investigator may be included.

B1: Track Record for CoG

Early achievements track record

1. **Up to ten publications** in **major international peer-reviewed multi-disciplinary scientific journals** and/or in the **leading international peer-reviewed journals, peer-reviewed conferences proceedings and/or monographs** of their respective research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor (properly referenced, field relevant bibliometric indicators (except JIF) may also be included); preprints may be included, if freely available from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);
2. **Research monographs and any translations thereof**;
3. **Granted patent(s)**;
4. **Invited presentations to internationally established conferences and/or international advanced schools**;
5. **Prizes, awards, academy memberships**.

Changes are expected in WP 2024

Benchmark: PI must have already shown the potential for research independence and evidence of maturity (for example by several important publication as main author or without the participation of PhD supervisor)

A short narrative describing the scientific importance of the research outputs and the role played by the Principal Investigator may be included.

B1: Track Record for AdG

Ten year track record

1. **Up to ten representative publications as main author** (or in those fields where alphabetical order of authorship is the norm, joint author) in **major international peer-reviewed multi-disciplinary scientific journals** and/or in the **leading international peer-reviewed journals and peer-reviewed conference proceedings** of their respective research fields (properly referenced, field relevant bibliometric indicators may also be included (except JIF)); preprints may be included, if freely available from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);
2. **Research monographs and any translations thereof**;
3. Granted **patents**;
4. **Invited presentations to internationally established conferences** and/or **international advanced schools**;
5. **Research expeditions** that the applicant Principal Investigator has led;
6. Organisation of **international conferences** in the field of the applicant (membership in the steering and/or organising committee);
7. **Prizes, awards, academy memberships**;
8. **Major contributions to the early careers of excellent researchers**;
9. **Examples of innovation leadership**.

Changes are expected in WP 2024

Benchmark:
PIs must have already shown a record, which identifies them as an exceptional leader in terms of originality and significance of their research contributions. At least matching one or more of the following benchmarks:

- 10 publications as main author (or in those fields where alphabetical order of authorship is the norm, joint author) in major international peer-reviewed multi-disciplinary scientific journals, and/or in the leading international peer-reviewed journals, and/or peer-reviewed conferences proceedings of their respective field;
- 3 major research monographs. This benchmark is relevant to research fields where publication of monographs is the norm.

+ other alternative benchmarks

Ten year track record **can be extended** for maternity, paternity, long term illness, national service, clinical training, natural disaster, seeking asylum.

A short narrative describing the scientific importance of the research outputs and the role played by the Principal Investigator may be included.

B1: Track Record

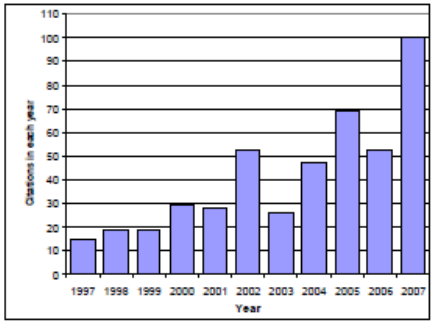


Figure 1. Citation in the last decade (Web of Knowledge)

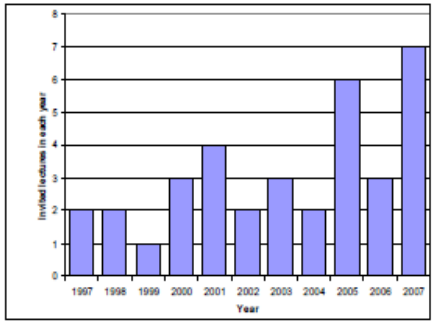
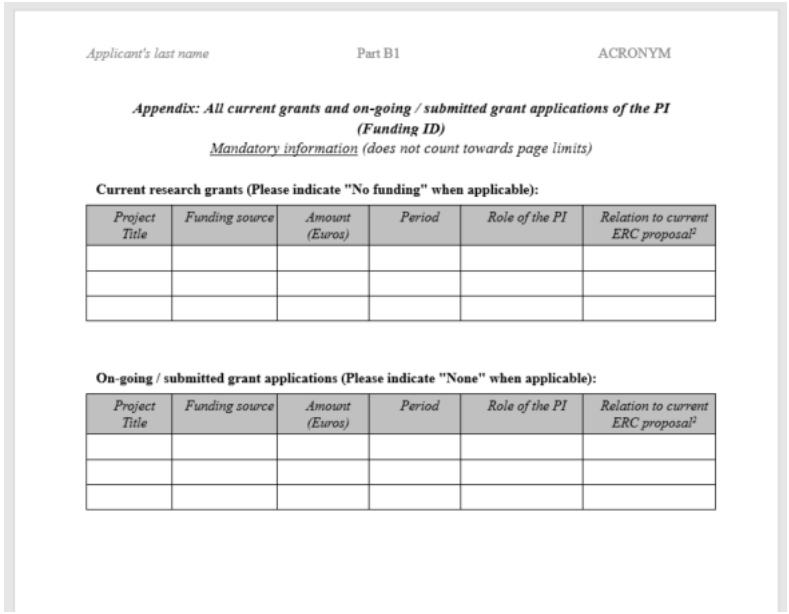


Figure 2. Invited lectures in the last decade

Type of Publication	#	# without the PhD supervisor
peer-reviewed international journals	17	12
peer-reviewed conferences proceedings	31	16
book chapters	2	2
books	2	

Funding ID



Applicant's last name Part B1 ACRONYM

Appendix: All current grants and on-going / submitted grant applications of the PI (Funding ID)

Mandatory information (does not count towards page limits)

Current research grants (Please indicate "No funding" when applicable):

Project Title	*Funding source*	*Amount (Euros)*	*Period*	*Role of the PI*	*Relation to current ERC proposal*[2]

On-going / submitted grant applications (Please indicate "None" when applicable):

Project Title	*Funding source*	*Amount (Euros)*	*Period*	*Role of the PI*	*Relation to current ERC proposal*[2]

No page limit

Describe clearly **any scientific overlap** between your ERC application and the current research grant or on-going grant application.

B2

Applicant's last name Part B2 ACRONYM

ERC Starting Grant 2023
Part B2[1]
(not evaluated in Step 1)

Sections (a) and (b) of Part B2 should not exceed 14 pages. References do not count towards the page limits.

Text highlighted in grey should be deleted.
Please respect the following formatting constraints: Times New Roman, Arial or similar, at least font size 11, margins (2.0 cm side and 1.5 cm top and bottom), single line spacing. Do NOT split the sections and/or references and upload them as separate documents.

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

Objectives in the context of state-of-the-art, how and why this is important, impact, challenges

Section b. Methodology

Detailed, key intermediate goals, how SOA is your methodology, justify partners

Do NOT include any description of resources or budget table here (Part B2). The Resources section and the detailed budget table are part of the online submission form (Part A, Section 3 - Budget) which will be extracted and provided to the peer reviewers.

[1] Instructions for completing Part B2 can be found in the '*Information for Applicants to the Starting and Consolidator Grant 2023 Calls*'.

14 pages + references
No budget table here

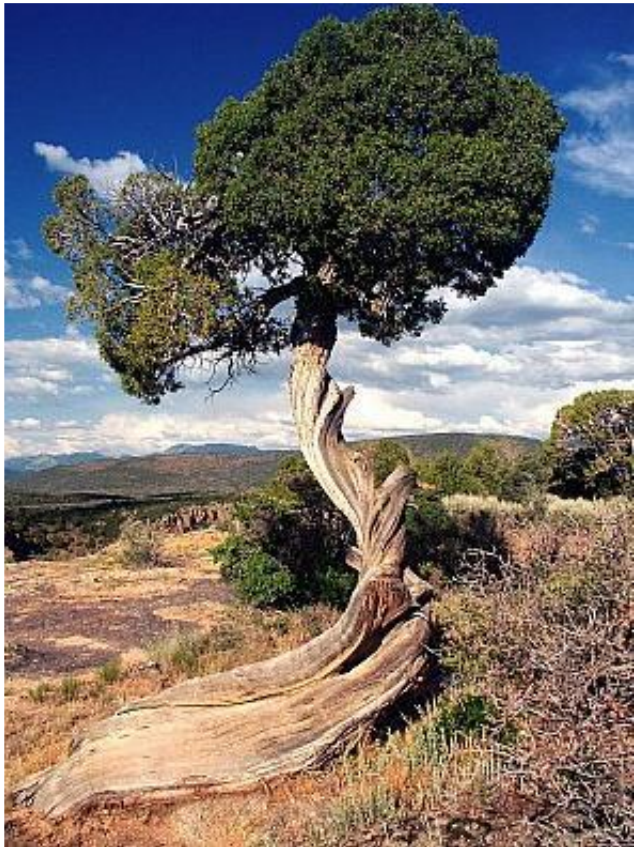
Abstract / B1 / B2

Source: ERCEA

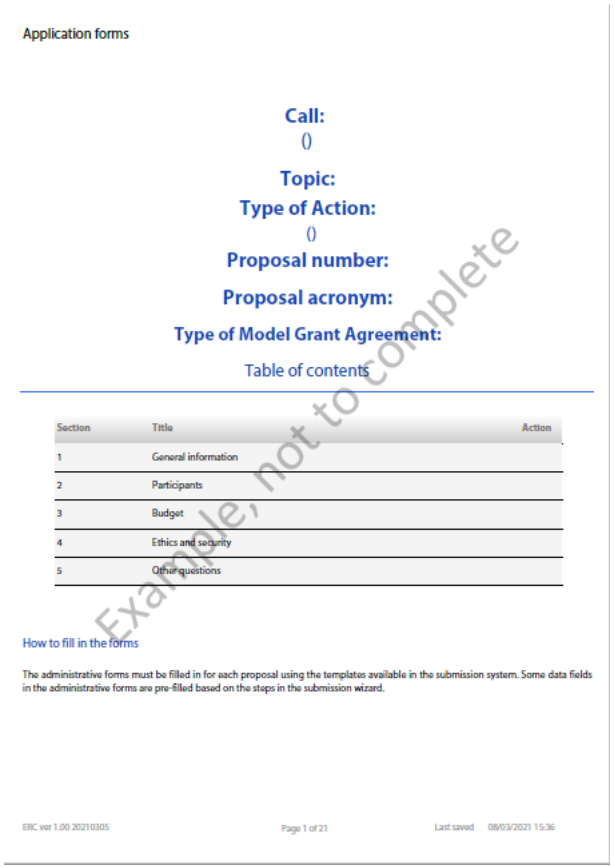
Abstract

Extended Synopsis – B1

Full Proposal – B2



Administrative Forms (Part A)



Application forms

Call:
()
Topic:
Type of Action:
()
Proposal number:
Proposal acronym:
Type of Model Grant Agreement:

Table of contents

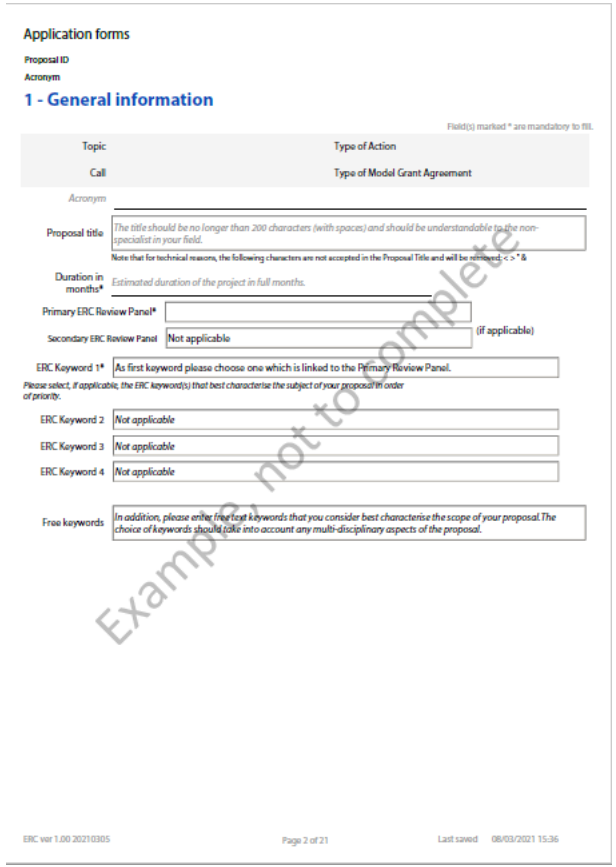
Section	Title	Action
1	General information	
2	Participants	
3	Budget	
4	Ethics and security	
5	Other questions	

How to fill in the forms

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

ERC ver 1.00 20210305 Page 1 of 21 Last saved 08/03/2021 15:36

Example, not to complete



Application forms

Proposal ID
Acronym

1 - General information

Field(s) marked * are mandatory to fill.

Topic	Type of Action
Call	Type of Model Grant Agreement
Acronym	
Proposal title	*The title should be no longer than 200 characters (with spaces) and should be understandable to the non-specialist in your field.* Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &
Duration in months*	*Estimated duration of the project in full months.*
Primary ERC Review Panel*	
Secondary ERC Review Panel	Not applicable (if applicable)
ERC Keyword 1*	As first keyword please choose one which is linked to the Primary Review Panel.
Please select, if applicable, the ERC keyword(s) that best characterise the subject of your proposal in order of priority.	
ERC Keyword 2	*Not applicable*
ERC Keyword 3	*Not applicable*
ERC Keyword 4	*Not applicable*
Free keywords	*In addition, please enter free text keywords that you consider best characterise the scope of your proposal. The choice of keywords should take into account any multi-disciplinary aspects of the proposal.*

ERC ver 1.00 20210305 Page 2 of 21 Last saved 08/03/2021 15:36

Example, not to complete

- **The electronic form** is accessed via the call submission link in Funding & Tenders Portal
- 5 sections
- Many mandatory fields
- **Devote enough time**

Budget for grants

Total Budget:

- Maximum amounts and durations
- pro rata temporis (for projects of shorter period)

Starting Grant: 1.5 M € for 5 years
Consolidator Grant: 2 M € for 5 years
Advanced Grant: 2.5 M € for 5 years
Synergy Grant: 10 M € for 6 years

Budget Categories in application form

- Personnel Costs (PI, Senior Staff, students, other)
- Travel and subsistence
- Equipment
- Consumables
- Publications (incl. Open access fees) and dissemination
- Total other good, works and services

no upper limits for budget categories

Additional funding can be requested for

- Start-up costs (If PI/PIs moving to the EU or an AC from elsewhere as a consequence of receiving the ERC grant)
- Major equipment
- Access to large facilities
- Major experimental and field work costs (excluding personnel costs)

Additional funding:

- 1 M € for StG/CoG/AdG
- 4 M € for SyG
- not subject to pro rata temporis

Budget for grants

- %100 funding rate for direct costs + %25 of direct costs (overhead) ≤ max budget
  - Overhead rate is fixed
  - excluding the direct eligible costs for subcontracting and internally invoiced goods and services.
- **Depreciation costs** for purchases of equipment, infrastructure or other assets (not full costs)
- **EC rules together with national and institutional rules apply**
- The funding requested must be **fully justified** by estimation of real project cost
- All funding requested is **assessed** during evaluation by panelists
- Panels may suggest modifications(reductions) to the budget breakdown

Ask for support from your institutional ERC contact point.

Financial and legal NCP in TÜBİTAK (ncpfinance@tubitak.gov.tr)

Budget

Application forms

Proposal ID

Acronym **Acronym is mandatory**

3 - Budget

Beneficiary Short Name	PI	Senior Staff	Postdocs	Students	Other Personnel costs	A. Total personnel costs/€	B. Subcontracting Costs/€ (No indirect costs)	C.1 Travel and subsistence	C.2 Equipment - including major equipment	Consum-ables incl. fieldwork and animal costs	Publications (incl. Open Access fees) and disseminatio n	Other additional direct costs	C.3 Total other goods, works and services	Total Purchase costs/€	D. Internally invoiced goods and services/€ (No indirect costs)	E. Indirect Cost/€	Total Eligible Costs	Requested EU contribution /€
	0	0	0	0	0	0.00	0	0	0	0	0	0	0.00	0.00	0	0.00	0.00	0.00
Total	0	0	0	0	0	0.00	0	0	0	0	0	0	0.00	0.00	0	0.00	0.00	0.00

complete

Application forms

Proposal ID

Acronym **Acronym is mandatory**

Section C. Resources (Maximum 8000 characters allowed)

This section and the budget table will be made available to the experts evaluating the proposal at Step 2. Important: your description of resources will be truncated once it exceeds the maximum allowed characters. Please make sure that your description is complete before submitting.

State and fully justify the amount of funding considered necessary to fulfil the objectives for the duration of the project. The project cost estimation should be as accurate as possible. The evaluation panels assess the estimated costs carefully; unjustified budgets will be consequently reduced. Please specify if you will use third parties giving in-kind contributions to the action.

If applicable, please specify the cost items covered by your 'Other personnel costs' category and the cost items covered by your 'Other additional direct costs' category.

Request for additional funding if applicable (All Items MUST be included in the overall budget table above): (Cost in EUR)

Justification:

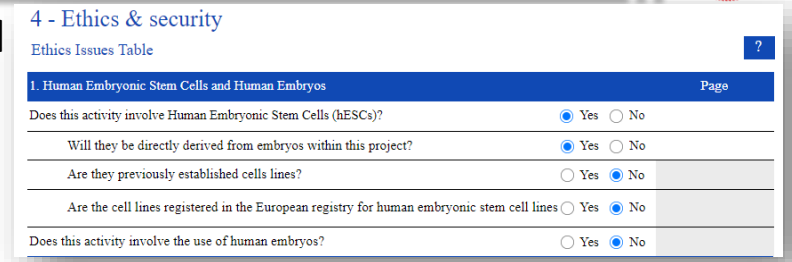
complete

Remaining characters 7011

I plan to allocate …. (one to max. two descriptive text pages) – max. 8000 characters.

Ethical Principles

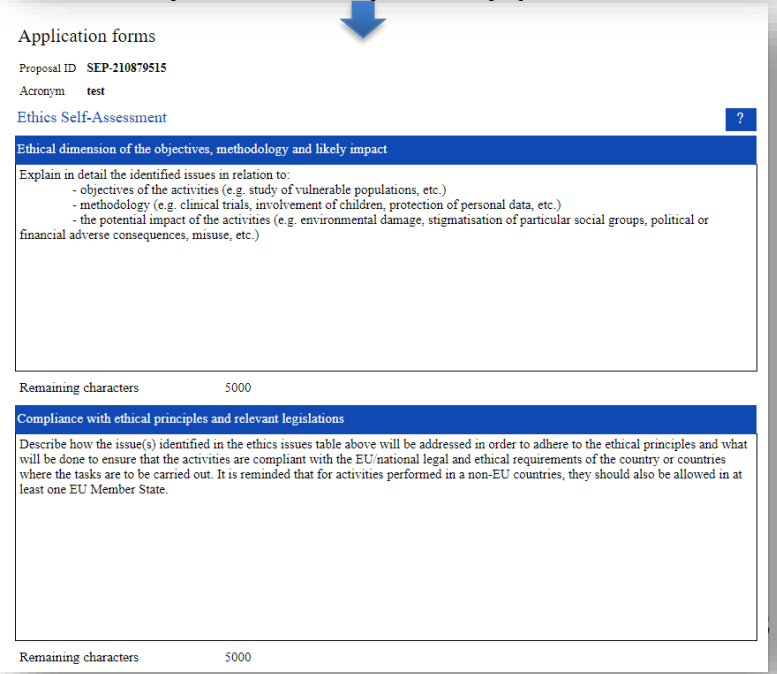
- Comply with **national, EU and international** ethical principles and legislation
- Civil applications
- Headings:
  - Human embryonic stem cells and human embryos
  - Human participants
  - Human cells/tissues
  - Personal data
  - Animals
  - Non-EU countries
  - Environment, health and safety
  - **Artificial Intelligence (NEW)**
- Provide an **ethics self-assessment** and **supporting documentation** where needed
- See [“How to Complete your Ethics Self-Assessment”](#) document for guidance


4 - Ethics & security

Ethics Issues Table ?

1. Human Embryonic Stem Cells and Human Embryos		Page
Does this activity involve Human Embryonic Stem Cells (hESCs)?	(•) Yes ( ) No	
Will they be directly derived from embryos within this project?	(•) Yes ( ) No	
Are they previously established cells lines?	( ) Yes (•) No	
Are the cell lines registered in the European registry for human embryonic stem cell lines	( ) Yes (•) No	
Does this activity involve the use of human embryos?	( ) Yes (•) No	

If your answer is yes to any question


Application forms

Proposal ID SEP-210879515

Acronym test

Ethics Self-Assessment ?

Ethical dimension of the objectives, methodology and likely impact

Explain in detail the identified issues in relation to:
- objectives of the activities (e.g. study of vulnerable populations, etc.)
- methodology (e.g. clinical trials, involvement of children, protection of personal data, etc.)
- the potential impact of the activities (e.g. environmental damage, stigmatisation of particular social groups, political or financial adverse consequences, misuse, etc.)

Remaining characters 5000

Compliance with ethical principles and relevant legislations

Describe how the issue(s) identified in the ethics issues table above will be addressed in order to adhere to the ethical principles and what will be done to ensure that the activities are compliant with the EU/national legal and ethical requirements of the country or countries where the tasks are to be carried out. It is reminded that for activities performed in a non-EU countries, they should also be allowed in at least one EU Member State.

Remaining characters 5000

Evaluation Process

ERC Evaluation Criteria

Evaluation of scientific excellence at two levels:

- **Quality of the Research Project**
  - Ground-breaking nature
  - Potential impact
  - Scientific Approach
- **Quality of the Principal Investigator**
  - Intellectual capacity
  - Creativity
  - Commitment

ERC Evaluation Criteria

Quality of the Research Project

1. Research Project

Ground-breaking nature, ambition and feasibility

Starting, Consolidator, Advanced

Ground-breaking nature and potential impact of the research project

To what extent does the proposed research address important challenges?

To what extent are the objectives ambitious and beyond the state of the art (e.g. novel concepts and approaches or development between or across disciplines)?

To what extent is the proposed research high risk-high gain (i.e. if successful the payoffs will be very significant, but there is a high risk that the research project does not entirely fulfil its aims)?

Scientific Approach

To what extent is the outlined scientific approach feasible bearing in mind the extent that the proposed research is high risk-high gain (based on the Extended Synopsis)?

To what extent are the proposed research methodology and working arrangements appropriate to achieve the goals of the project (based on the research proposal)?

To what extent does the proposal involve the development of novel methodology (based on the research proposal)?

To what extent are the proposed timescales, resources and PI commitment adequate and properly justified (based on the research proposal)?

Quality of the Principal Investigator

Intellectual capacity and creativity

Starting and Consolidator

To what extent has the PI demonstrated the ability to conduct ground-breaking research?

To what extent does the PI provide evidence of creative independent thinking?

To what extent does the PI have the required scientific expertise and capacity to successfully execute the project?

or

Intellectual capacity and creativity

Advanced

To what extent has/have the PI(s) demonstrated the ability to conduct ground-breaking research?

To what extent does/do the PI(s) has/have the required scientific expertise and capacity to successfully execute the project?

*To what extent has the PI demonstrated sound leadership in the training and advancement of young scientists (**for Advanced Grant applicants**)?*

ERC Evaluation Process (StG/CoG/AdG)

Step 1

Submission of full proposals (B1 and B2)

Eligibility check

Step 1 evaluation of the proposal (B1) by at least 3 peer reviewers

1st Panel meeting

Proposals Rejected
C **or B*

Proposals retained
A

Step 2

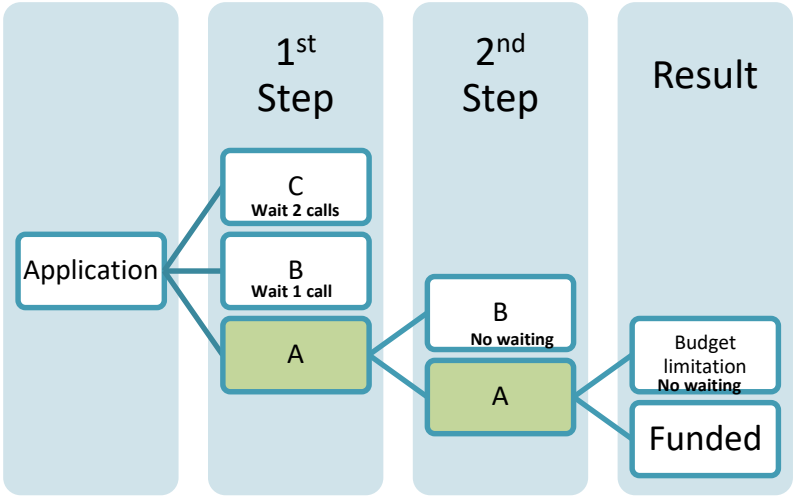
Individual assessment of full proposal (B1 and B2) by panel members & referees

2nd Panel meeting + Interview

Proposals not selected
(A, reserve list, B)

Proposals selected for funding (A)

Rules on Resubmission:



Please consider:

- PhD year
- Your CV and track record
- Nature of the project
- Is your project high risk/high gain? Frontier?

! Waiting period concerns all ERC schemes of StG, CoG and AdG:
e.g.: If an applicant received C in ERC-2023-StG Call
he/she cannot apply to ERC-2024-StG/CoG and ERC-2025-StG/CoG

! Resubmission rules differ for Synergy Grant calls

Panels – StG, CoG, AdG

- **Predefined panels** for StG, CoG and AdG: 28 Panels
- **Panel members**: typically 375 / call (SyG:~90)
  - High-level scientists
  - Recruited by ScC from all over the world: ~14% from outside Europe
  - About 12-16 members plus a chair person
- **Remote Referees**: typically 2000 / call
  - Evaluate only a small number of proposals
  - Similar to normal practise in peer-reviewed journals
- For SyG panels are not predefined but will be decided dynamically in relation to the proposals received

28 Panels – StG, CoG, AdG

Physical Sciences & Engineering

PE1 Mathematics

PE2 Fundamental Constituents of Matter

PE3 Condensed Matter Physics

PE4 Physical and Analytical Chemical Sciences

PE5 Synthetic Chemistry and Materials

PE6 Computer Science and Informatics

PE7 Systems and Communication Engineering

PE8 Products and Processes Engineering

PE9 Universe Sciences

PE10 Earth System Science

PE11 Materials Engineering

Life Sciences

LS1 Molecules of Life: Biological Mechanisms, Structures and Functions

LS2 Integrative Biology: From Genes and Genomes to Systems

LS3 Cell Biology, Development, Stem Cells and Regeneration

LS4 Physiology in Health, Disease and Ageing

LS5 Neuroscience and Disorders of the Nervous System

LS6 Immunity, Infection and Immunotherapy

LS7 Prevention, Diagnosis and Treatment of Human Diseases

LS8 Environmental Biology, Ecology and Evolution

LS9 Biotechnology and Biosystems Engineering

Social Sciences & Humanities

SH1 Individuals, Markets and Organisations

SH2 Institutions, Governance and Legal Systems

SH3 The Social World and Its Interactions

SH4 The Human Mind and Its Complexity

SH5 Texts and Concepts

SH6 The Study of the Human Past

SH7 Human Mobility, Environment, and Space

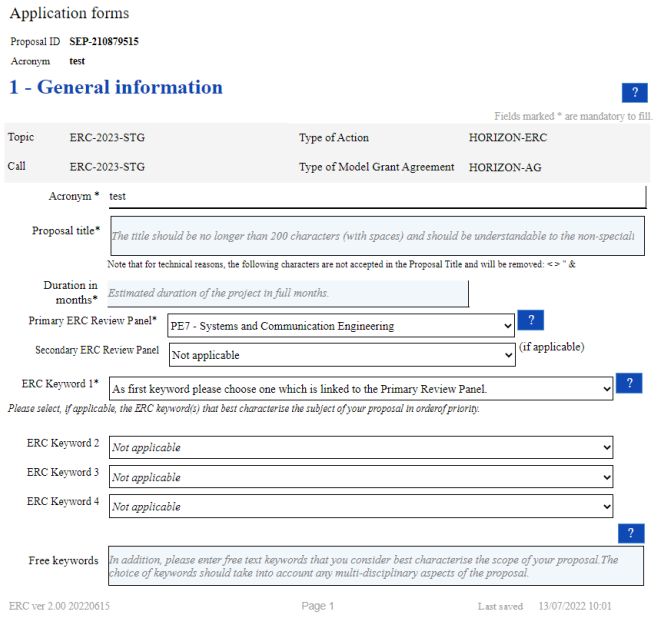
SH8 Studies of Cultures and Arts

See rational and main changes in ERC website

Two revisions: in 2021 and 2024 calls

Panel decision

- PI's responsibility to choose the most relevant ERC Panel (primary panel)
- Secondary panel is optional
- See ERC keywords in Information for Applicants
- Decide on your panel before writing the proposal
- If necessary panel chairs may relocate the proposal from the initial panel
- Primary panel will determine if additional reviews by members of other panels or remote experts


Application forms

Proposal ID SEP-210879515
Acronym test

1 - General information

Fields marked * are mandatory to fill.

Topic	ERC-2023-STG	Type of Action	HORIZON-ERC
Call	ERC-2023-STG	Type of Model Grant Agreement	HORIZON-AG

Acronym * test

Proposal title* The title should be no longer than 200 characters (with spaces) and should be understandable to the non-specialis

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

Duration in months* Estimated duration of the project in full months.

Primary ERC Review Panel* PE7 - Systems and Communication Engineering

Secondary ERC Review Panel Not applicable (if applicable)

ERC Keyword 1* As first keyword please choose one which is linked to the Primary Review Panel.

Please select, if applicable, the ERC keyword(s) that best characterise the subject of your proposal in orderof priority.

ERC Keyword 2 Not applicable

ERC Keyword 3 Not applicable

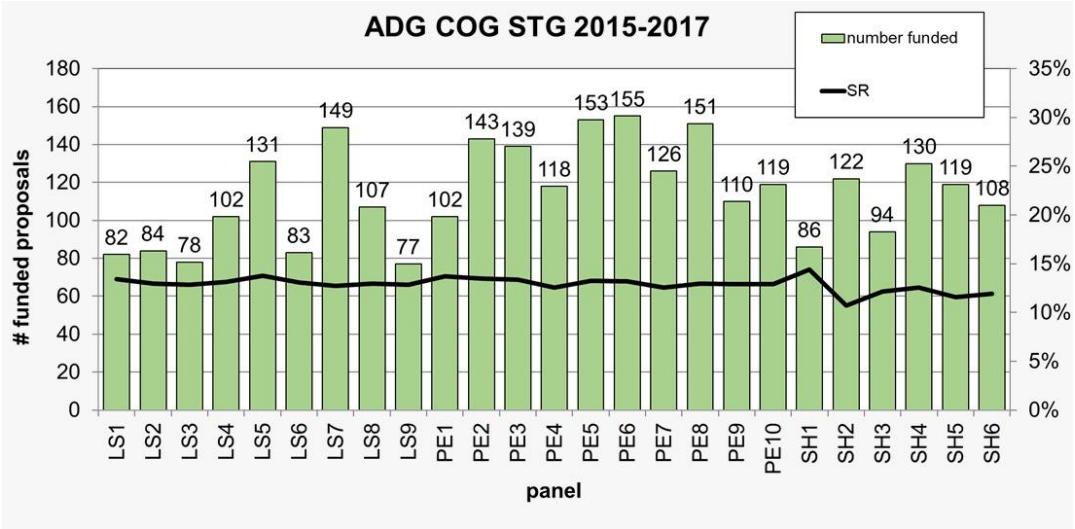
ERC Keyword 4 Not applicable

Free keywords In addition, please enter free text keywords that you consider best characterise the scope of your proposal.The choice of keywords should take into account any multi-disciplinary aspects of the proposal.

ERC ver 2.00 20220615 Page 1 Last saved 13/07/2022 10:01

Panel Budgets

- Indicative budget for each call in WP
- An indicative budget will be allocated to each panel (27 ERC Panels) in proportion to the budgetary demand of its assigned proposals in order to **equalise the success rate across panels.**



Panels

The composition of the ERC evaluation panels are by nature multi-disciplinary.

PE8 Products and Processes Engineering

Product and process design, chemical, civil, environmental, mechanical, vehicle engineering, energy processes and relevant computational methods

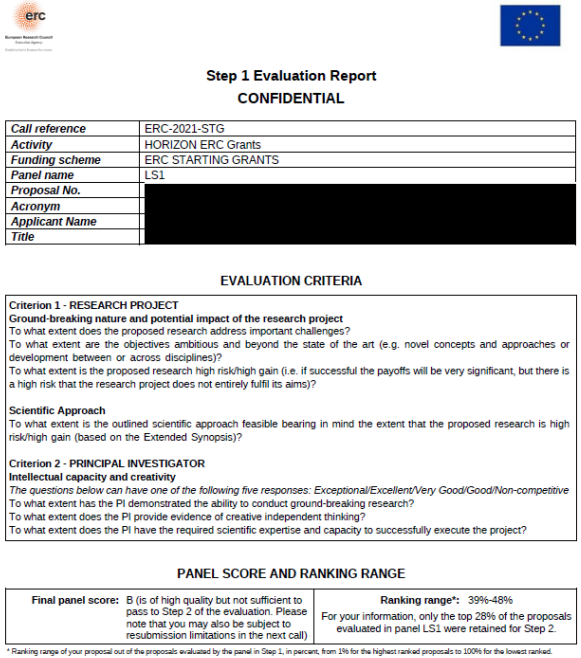
PE8_1 Aerospace engineering
PE8_2 Chemical engineering, technical chemistry
PE8_3 Civil engineering, architecture, offshore construction, lightweight construction, geotechnics
PE8_4 Computational engineering
PE8_5 Fluid mechanics
PE8_6 Energy processes engineering
PE8_7 Mechanical engineering
PE8_8 Propulsion engineering, e.g. hydraulic, turbo, piston, hybrid engines
PE8_9 Production technology, process engineering
PE8_10 Manufacturing engineering and industrial design
PE8_11 Environmental engineering, e.g. sustainable design, waste and water treatment, recycling,
regeneration or recovery of compounds, carbon capture & storage
PE8_12 Naval/marine engineering
PE8_13 Industrial bioengineering
PE8_14 Automotive and rail engineering; multi-/inter-modal transport engineering

ERC-2021-StG PE8 Panel Members

Suad Jakirlić (Panel Chair)
Mehdi Ahmadian
Yves Bamberger
Davide Bigoni
Jorge Gascon
Maria Gavrilescu
Carlos Guedes Soares
Saša Kenjereš
Cecilia Laschi
Paulo B. Lourenco
Thierry Poinsot
Eva María Martín Del Valle
Andreas Pauschitz
Guillermo Rus Carlborg
José Torero Cullen
Eicke R. Weber
David Zhengwen Zhang

See compiled list of panelists since 2007 in: https://ufukavrupa.org.tr/tr/alanlar-kumeler/avrupa-arastirma-konseyi (available for each grant type)

Evaluation Results



Step 1 Evaluation Report
CONFIDENTIAL

Call reference	ERC-2021-STG
Activity	HORIZON ERC Grants
Funding scheme	ERC STARTING GRANTS
Panel name	LS1
Proposal No.	[redacted]
Acronym	
Applicant Name	
Title	

EVALUATION CRITERIA

Criterion 1 - RESEARCH PROJECT
Ground-breaking nature and potential impact of the research project
To what extent does the proposed research address important challenges?
To what extent are the objectives ambitious and beyond the state of the art (e.g. novel concepts and approaches or development between or across disciplines)?
To what extent is the proposed research high risk/high gain (i.e. if successful the payoffs will be very significant, but there is a high risk that the research project does not entirely fulfil its aims)?

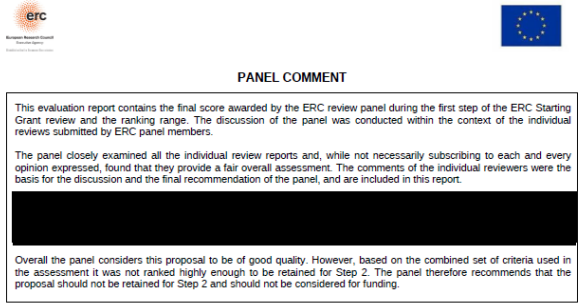
Scientific Approach
To what extent is the outlined scientific approach feasible bearing in mind the extent that the proposed research is high risk/high gain (based on the Extended Synopsis)?

Criterion 2 - PRINCIPAL INVESTIGATOR
Intellectual capacity and creativity
The questions below can have one of the following five responses: Exceptional/Excellent/Very Good/Good/Non-competitive
To what extent has the PI demonstrated the ability to conduct ground-breaking research?
To what extent does the PI provide evidence of creative independent thinking?
To what extent does the PI have the required scientific expertise and capacity to successfully execute the project?

PANEL SCORE AND RANKING RANGE

Final panel score: B (is of high quality but not sufficient to pass to Step 2 of the evaluation. Please note that you may also be subject to resubmission limitations in the next call)	**Ranking range*:** 39%-48% For your information, only the top 28% of the proposals evaluated in panel LS1 were retained for Step 2.

* Ranking range of your proposal out of the proposals evaluated by the panel in Step 1, in percent, from 1% for the highest ranked proposals to 100% for the lowest ranked.



PANEL COMMENT

This evaluation report contains the final score awarded by the ERC review panel during the first step of the ERC Starting Grant review and the ranking range. The discussion of the panel was conducted within the context of the individual reviews submitted by ERC panel members.

The panel closely examined all the individual review reports and, while not necessarily subscribing to each and every opinion expressed, found that they provide a fair overall assessment. The comments of the individual reviewers were the basis for the discussion and the final recommendation of the panel, and are included in this report.

[redacted]

Overall the panel considers this proposal to be of good quality. However, based on the combined set of criteria used in the assessment it was not ranked highly enough to be retained for Step 2. The panel therefore recommends that the proposal should not be retained for Step 2 and should not be considered for funding.

+ individual reports

- information letter
- evaluation report
- final panel score
- ranking range
- the panel comment explaining the panel decision
- the individual comments given by each reviewer

Typical reasons for rejection

Source: ERCEA

Research Project

- Scope: Too narrow ←→ too broad/unfocussed
- Incremental research
- Collaborative project, several PIs
- Work plan not detailed enough/unclear
- Insufficient risk management

Principle Investigator (PI)

- Insufficient track-record
- Insufficient (potential for) independence

Before Redressing: see what you could you have done/explained/ presented better before blaming the process!

- Differing scientific opinion is not a motivation for redress
- An obvious mistake however might result in a re-evaluation

Other Issues

Open Science

Publications:

- Immediate open access to all peer reviewed scientific publications (articles, book chapters, long text such as monographs, edited collections, PhD thesis etc.)
- Full re-use rights (excluding long text formats and commercial re-use and derivate works)
- Beneficiaries/authors must ensure sufficient IPR
- **Publishing costs are eligible only if publishing venue (journal or book) is fully open access**

Research Data:

- Open access to research data and data related products (computer codes, algorithms, softwares, workflows, protocols etc.)
- FAIR (findability, accessibility, interoperability and reusability) principles
- DMP (Data Management Plan) within the first six months
- **“As open as possible, as close as necessary”**

Gender balance

- Mandatory Gender Equality Plan – GEP for the HI
- Promoting gender balance at all levels of personnel during the implementation of the project
- PIs **should** determine the relevance of **integrating sex and gender analysis into their research**
- Costs for promoting gender balance can be considered eligible

Turkey’s ERC Performance

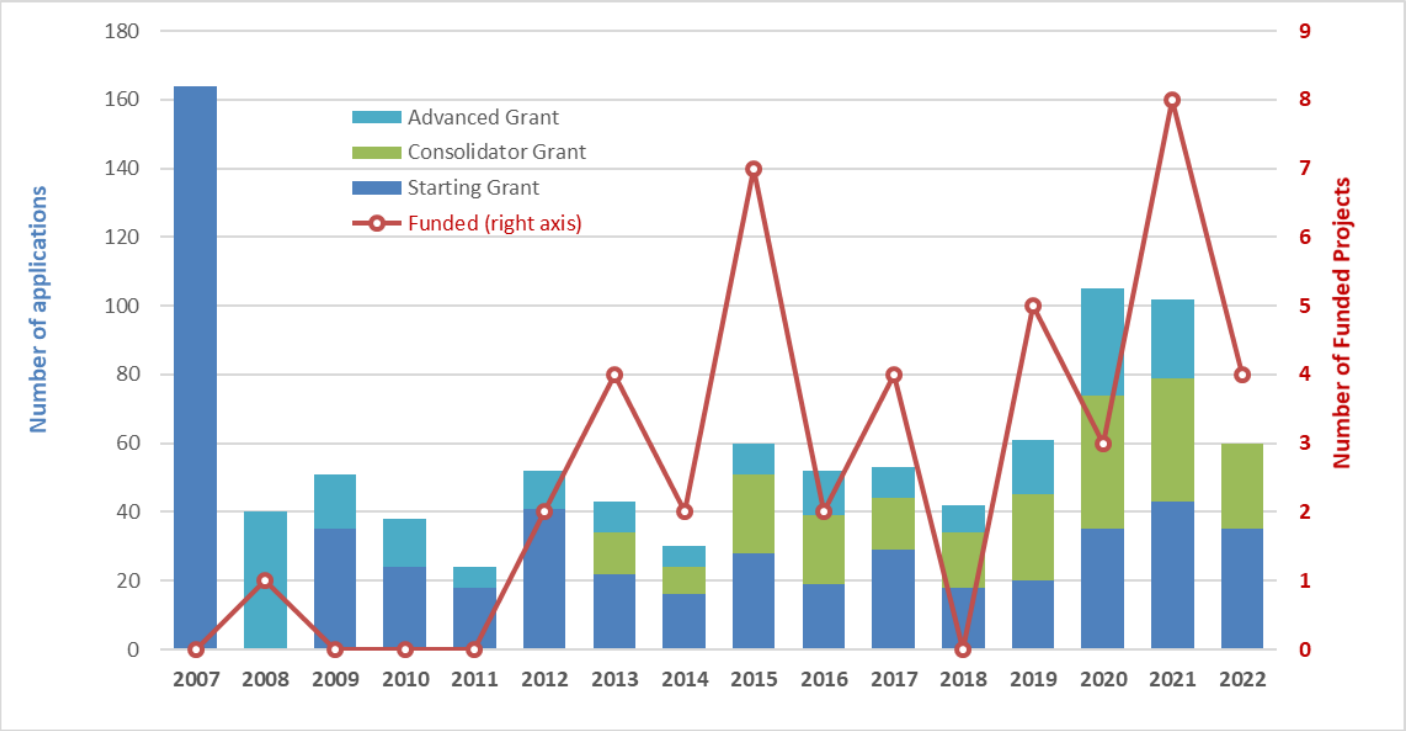
Turkey's ERC performance

•In 2007-2022: 977 Applicants* and 42 ERC Grants*

•35 Grants (12 of them in HE) are running/completed in Turkey with 63 Million € budget

•In addition 12 Proof of Concept Projects (5 of them in HE)

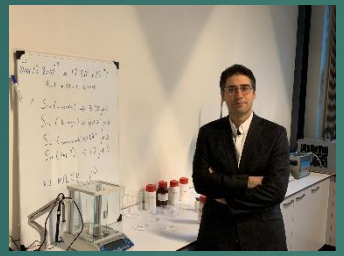
*at the time of the application



Dr. Mustafa YÜCEL
ERC 2021 Consolidator Grant
Middle East Technical University

Dr. Özgür ATALAY
ERC 2021 Starting Grant
Istanbul Technical University

Dr. Sedat NİZAMOĞLU
ERC 2021 Consolidator Grant
Koc University



Dr. Onur ERGEN
ERC 2021 Starting Grant
Istanbul Technical University

Dr. Levent BEKER
ERC 2021 Starting Grant
Koc University

Dr. Emre BÜKÜŞOĞLU
ERC 2021 Starting Grant
Middle East Technical University

European Research Council
Established by the European Commission

6 researchers in Turkey have been selected for funding with a total budget of 11.3 M € in ERC 2021 Starting Grant ve Consolidator Grant calls

2 researchers in Turkey have been selected for funding with a total budget of 4,9 M € in ERC 2021 Advanced Grant call

European Research Council
Established by the European Commission

Assoc Prof. Dr. F. Ömer İLDAY
ERC 2021 Advanced Grant
İhsan Doğramacı Bilkent University - UNAM

Prof. Dr. Tolga M. DUMAN
ERC 2021 Advanced Grant
İhsan Doğramacı Bilkent University

Dr. Erkan AYDIN
ERC 2022 Starting Grant
Koç Üniversitesi

Doç. Dr. Selim Erdem AYTAÇ
ERC 2022 Starting Grant
Koç Üniversitesi

Doç. Dr. Elif Nur Fırat KARALAR
ERC 2022 Starting Grant
Koç Üniversitesi

Dr. Öğr. Üyesi Barış YILDIZ
ERC 2022 Starting Grant
Koç Üniversitesi

European Research Council
Established by the European Commission

4 araştırmacımız 7 Milyon Avro bütçe ile ERC 2022 Starting Grant çağrısında desteklenmeye hak kazandı

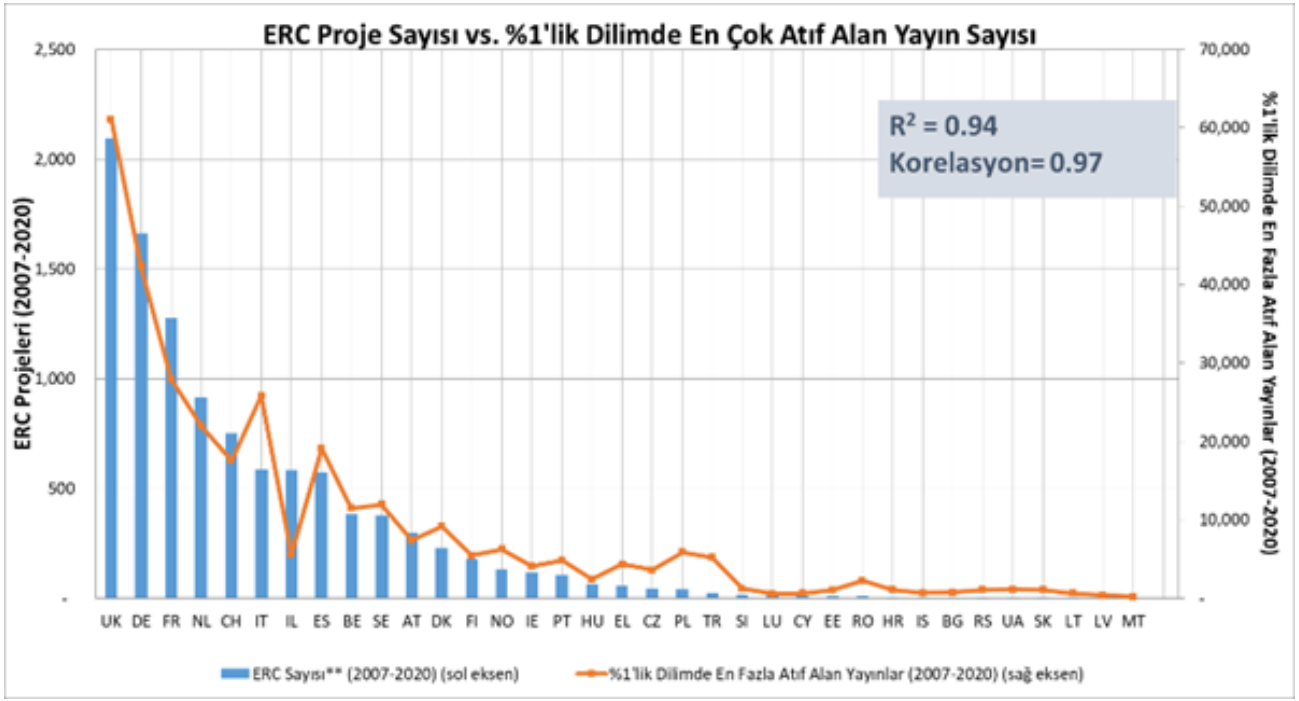
Host Institutions in Turkey

Host institution*	Number of Grantees	StG	CoG	AdG
Koç University	17	13	3	1
Bilkent University	8	4	2	2
Middle East Technical University	5	2	3	-
Istanbul Technical University	2	2	-	-
Sabancı University	1	-	1	-
Kadir Has University	1	1	-	-
İstanbul Bilgi University	1	-	-	1
Toplam	**35**	**22**	**9**	**4**

ERC Proof of Concept projects: 12

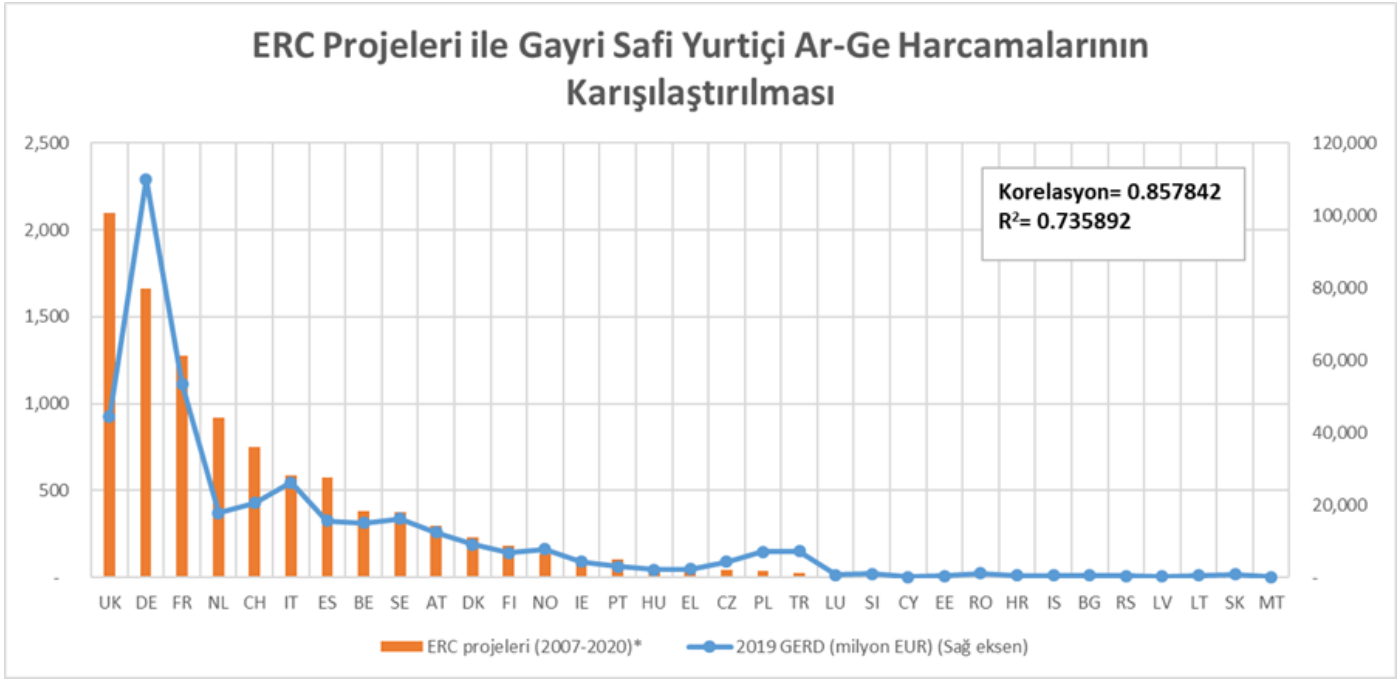
*current Host Institutions In 2007-2021 calls and 2022 StG&CoG calls

Fonlanan ERC Proje Sayısı ile Yayınların Korelasyonu

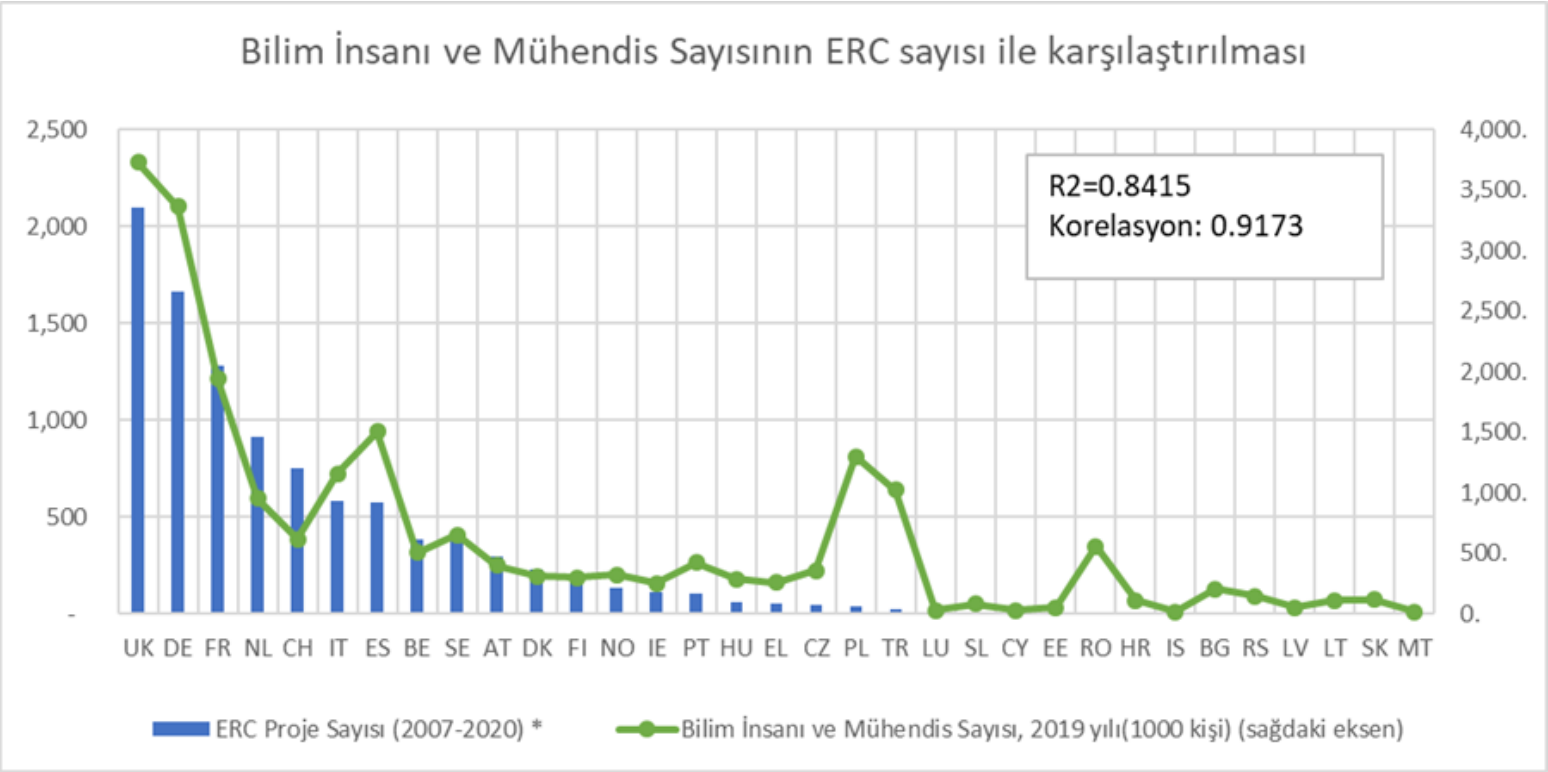


Src: ERC

Fonlanan ERC Proje Sayısı ile GSYİH Korelasyonu

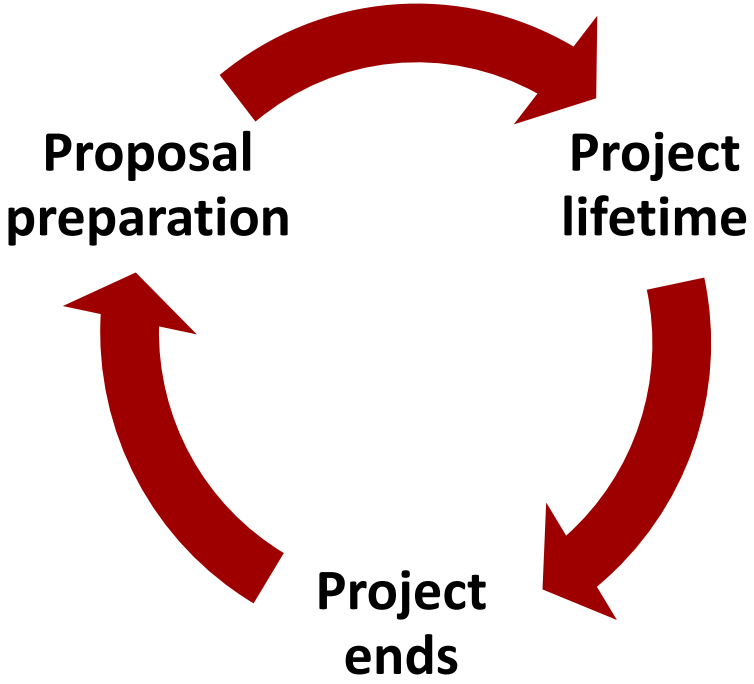


Fonlanan ERC Proje Sayısı ile Bilim İnsanı ve Mühendis Sayısının Korelasyonu



TÜBİTAK Support Programmes

TÜBİTAK Supports



Support from your ERC National Contact Points

Bridge between you and ERC

Guidance in proposal writing

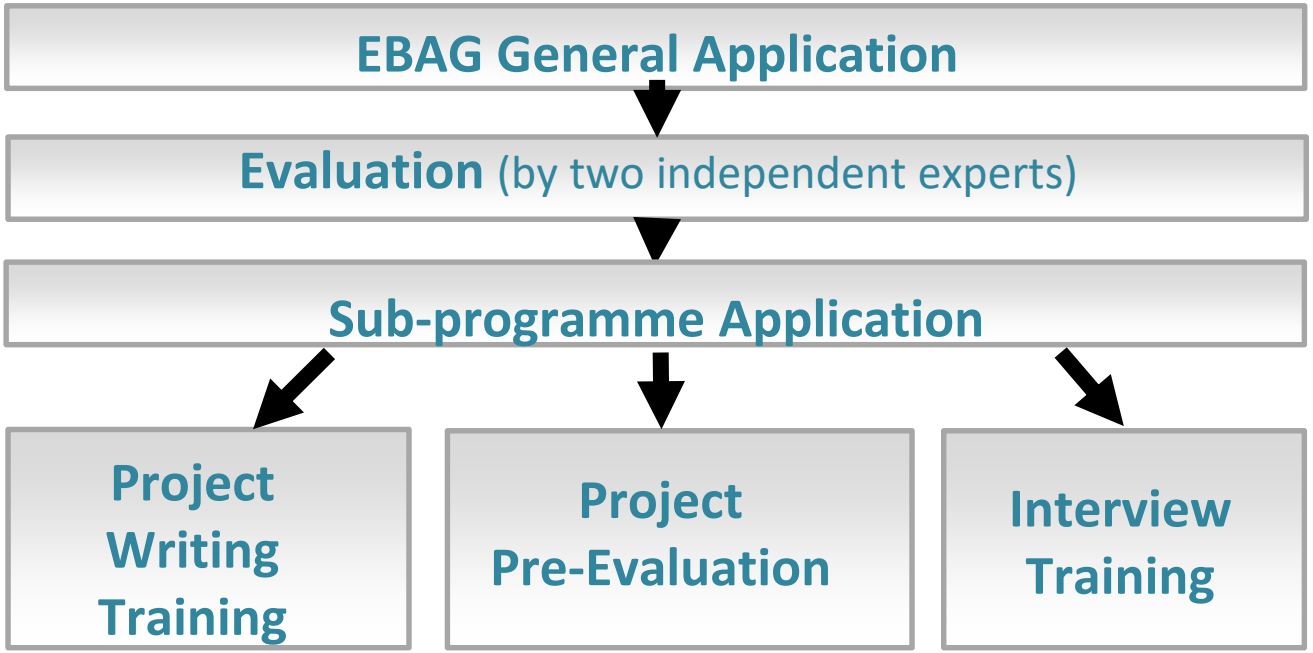
Information on Host Institutions in Turkey

Pre-evaluation support of your proposal

Guidance with reading your Evaluation Summary Report

TÜBİTAK EBAG Supports

ERC Principle Investigator Advancement Programme



https://ufukavrupa.org.tr/tr/destekler/erc-bas-arastirmaci-gelistirme-programi

- **Draft B1** is needed for the general application
- **Deadline for general application:** 45 day before each ERC Call
- Feedback provided
- Apply for subcategories programmes
- **Apply as early as possible**
- Check eligibility criteria for **experts and consultancy firms** for each sub-programme
- Fast evaluation possibility
- For pre-evaluation: one expert and one consultancy company option is possible
- **ERC Mentoring Initiave** (ERC Panelists and ERC Grantees)
- You will receive reimbursements afterwards
- Get support from your EU office

TÜBİTAK Supports You

If you pass to the second evaluation step but didn't receive funding:

ERC Above Threshold Award

Score in the second evaluation step	Award
B	20,000 TL
A	25,000 TL
A - Reserve	30,000 TL

https://ufukavrupa.org.tr/tr/destekler/esik-ustu-odulu

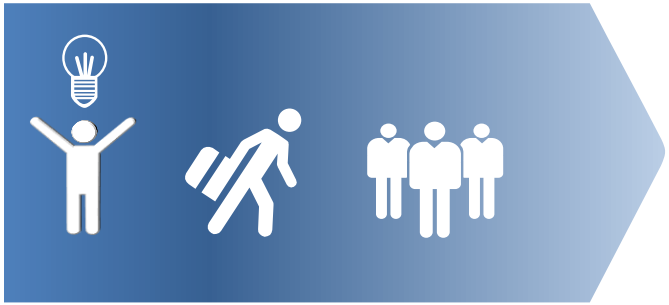
BİDEB 2247 – B Programme

- To improve your ERC application
- You need to re-submit your proposal to ERC in 2 years

Score in the second evaluation step	Maximum Budget
B	500,000 TL
A	1,000,000 TL

https://www.tubitak.gov.tr/tr/burslar/doktora-sonrasi/arastirma-burs-programlari/icerik-2247-b-avrupa-arastirma-konseyi-erc-projeleri-guclendirme-destegi-programi

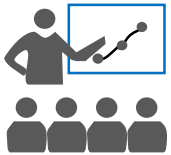
TÜBİTAK Travel Support for Researchers Living Abroad



Aim: The support is provided for researchers who have carried out a multi-partner project as coordinators, ERC principle investigator or an ERC panelist residing abroad to cover the costs of the visits to institutions in Turkey

Content

- Employees working in organizations that want to invite the foreign researchers can apply



- Max. 1500 Euro support

- Airplane ticket
- Accommodation expenses
- Travel expenses
- Visa costs

https://ufukavrupa.org.tr/tr/destekler/yabanci-arastirmaci-seyahat-destegi

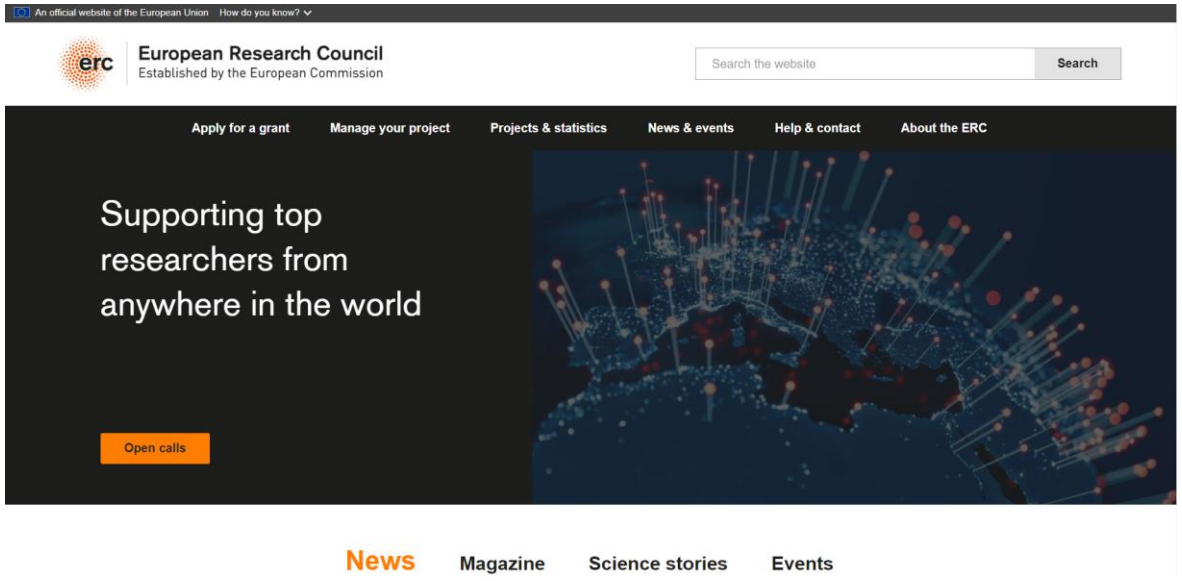
https://ufukavrupa.org.tr/

Register to our E-Bulletin

https://ufukavrupa.org.tr/

ERC website

https://erc.europa.eu/

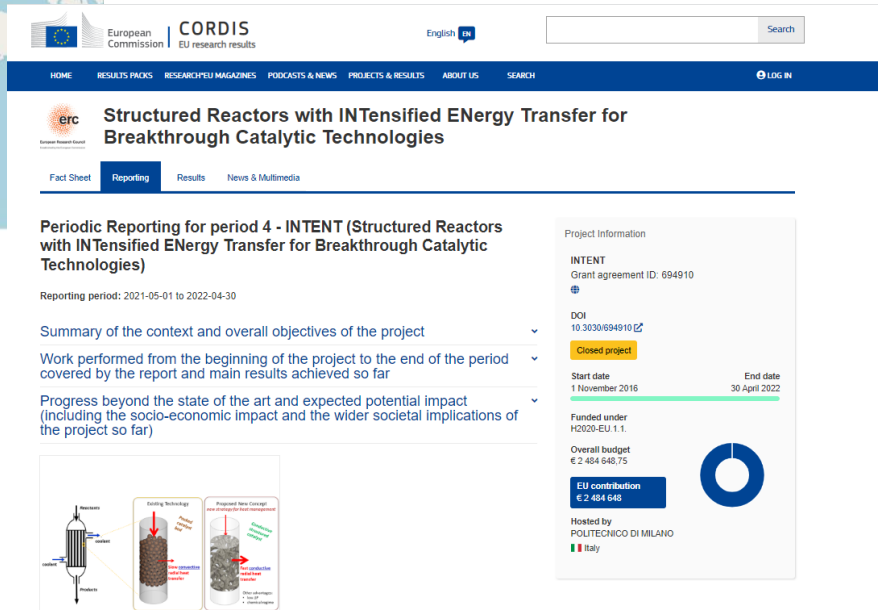


- Funded Projects
- Statistics
- Open Calls
- Success Stories
- Magazine
- News & Events
- Panelists
- Publications and Studies

Project databases

https://erc.europa.eu/

PI & Panel

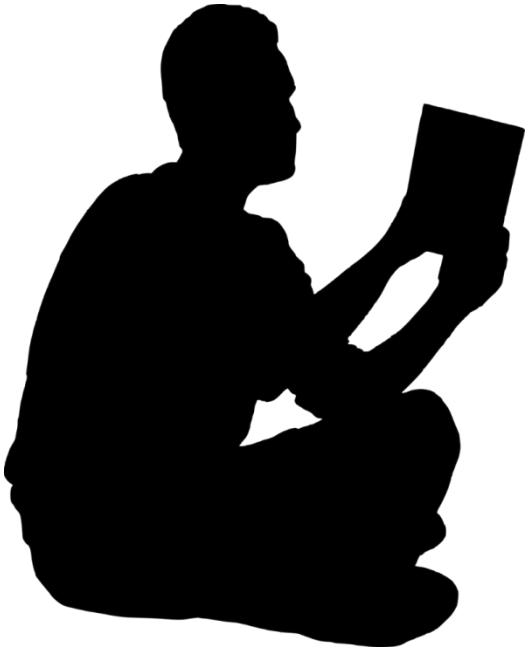


https://cordis.europa.eu/projects/en

Project reports, results (publications) and news

Suggestions

For a successful proposal...



Choose your panel before writing your idea

Devote time for choosing your panel

Devote time for drafting your proposal

Compare yourself and your idea with others funded by ERC

Don’t wait until the last year

Contact your project office

Get scientific feedback from your colleagues

Organize mock-interviews

Apply EBAG (don’t forget Mentoring Initiative)

Make sure you understand your Evaluation Results

Apply and re-apply to ERC

At all the stages contact us as NCPs

Thank you

Aslı VURAL

Derya DÖNERTAŞ

ERC National Contact Points

ERC Programme Committee Members

TÜBİTAK

T: +90 312 298 1763 - 1761

E: ncperc@tubitak.gov.tr

https://ufukavrupa.org.tr/