



SAPIENZA
UNIVERSITÀ DI ROMA

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europei

Area per l'Internazionalizzazione
SAPIENZA Università di Roma

Programma HORIZON EUROPE

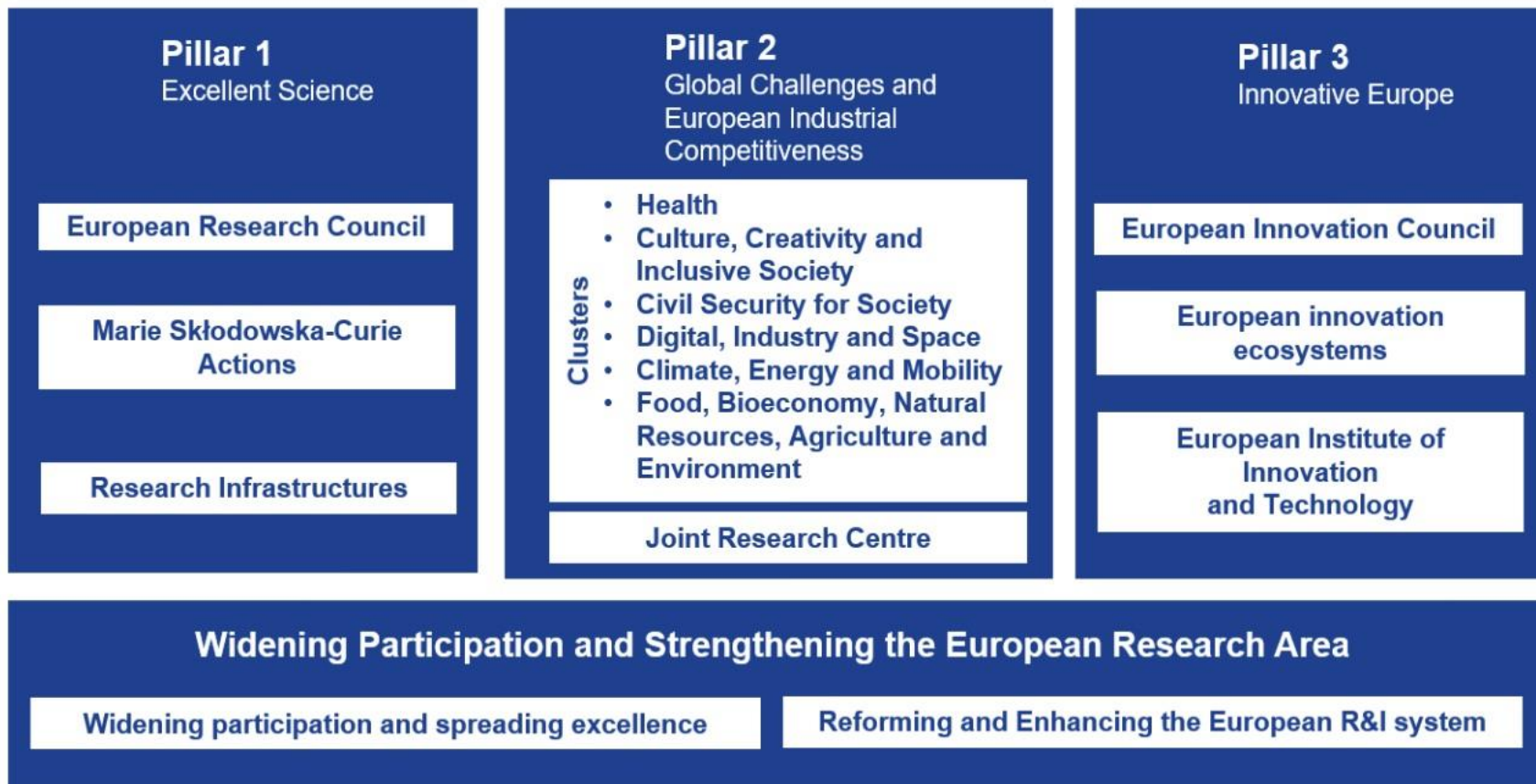
Durata

1 gennaio 2021- 31 dicembre 2027

Budget

95 miliardi di euro per il più ambizioso programma di ricerca e innovazione di sempre, finanziato dal tradizionale bilancio comune europeo e dal nuovo Recovery Instrument, Next Generation EU.

Programma HORIZON EUROPE





IL PROGRAMMA ERC

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

- ERC finanzia **Principal Investigator di eccellenza** di qualsiasi età e nazionalità che intendono svolgere attività di **ricerca di frontiera** presso una Host Institution situata in uno degli Stati membri dell'UE o dei Paesi associati;
- Gli schemi di finanziamento ERC supportano progetti di ricerca **ground-breaking**, innovativi, ad alto rischio e ad alto impatto scientifico;



- Durata dei progetti: **fino a 5 anni**
- **Ampia disponibilità finanziaria** (elevato valore economico del grant e rimborso al 100% dei costi);
- Possibilità di creare o rafforzare il proprio team di ricerca;



Il programma ERC

- Possono essere presentate proposte in tutti i settori e le aree scientifiche (approccio ***curiosity driven*** e ***bottom-up***);
- Schemi di finanziamento:
 - Starting Grant
 - Consolidator Grant
 - Advanced Grant
 - Proof of Concept
 - Synergy Grant



Profilo di un PI ERC Starting Grant

- Leader emergenti
- tra i 2-7 anni dopo il PhD
(call: 2022: tra il 1 gennaio 2015 e il 31 dicembre 2019 incl.)



Ampliamento della finestra temporale

- Maternity: 18 months extension for each child born before or after the PhD award. If the applicant can document a longer maternity leave, the eligibility period will be extended by the documented amount of actual leave taken until the call deadline.
- Paternity: extension by the documented time of paternity leave taken until the call deadline for each child born before or after the PhD award.
- Long-term illness or national service: extension by the documented amount of leave taken by the Principal Investigator until the call deadline for each incident which occurred after the PhD award date.
- Clinical training: extension by the documented amount of clinical training received by the Principal Investigator after the award of the first eligible degree and until the call deadline, up to a maximum of 4 years.



Profilo di un PI ERC Starting Grant

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

Applicant Principal Investigators should also be able to demonstrate **a promising track record** of early achievements appropriate to their research field and career stage, including significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals of their respective field.

They may also demonstrate a record of **invited presentations** in well-established international conferences, granted patents, awards, prizes, etc.



ERC Starting Grant 2022

- Data pubblicazione call: **23 settembre 2021**
- Data scadenza call: **13 gennaio 2022**
- Budget totale call StG 2022: **749 mil euro**
- Numero stimato di grant finanziati: **502**



PRESENTAZIONE DI UNA PROPOSTA ERC

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

- Call description, con link a topics e **submission service**
- Call documents, tra cui il WP e la **Guide for Applicants**
- Get support (help-desk, NCP, Partner Search ecc..)

nb: ECAS account!!!



Il programma ERC

- **Parte A**
 - Informazioni generali sul PI, dati amministrativi della Host Institution, budget, Ethic issues, ecc..
- **Parte B.1**
 - Sinossi della proposta scientifica (max. 5 pagine)
 - Curriculum Vitae (max. 2 pagine)
 - Track record (max. 2 pagine)
- **Parte B.2**
 - Proposta scientifica (max. 14 pagine):
Stato dell'arte e obiettivi
Metodologia
- **Documentazione di supporto**
 - Host Institution Binding Statement of Support (a firma Direttore di Dipartimento)
 - Certificato di Dottorato
 - Certificati attestanti eventuali career break.

Extended Synopsis:

This should be a concise presentation of the full scientific proposal, with particular attention to the ground-breaking nature of the research project and the feasibility of the outlined scientific approach. At step 1 the full scientific proposal is not assessed so all essential information must be covered in the synopsis. The applicant will choose a primary evaluation panel and may also indicate a secondary evaluation panel. The applicant should indicate when he or she believes that the proposal is of a crosspanel.



Curriculum Vitae:

The CV should include the standard academic and research record as well as a succinct "funding ID" which must specify any current research grants and their subject, and any on-going application for work related to the proposal. Any research career gaps and/or unconventional paths should be clearly explained so that they can be fairly assessed by the evaluation panels.

Track Record:

Each of the Principal Investigator must provide a list of achievements reflecting their track record.

Scientific Proposal:

Description of the scientific and technical aspects of the project, demonstrating the groundbreaking nature of the research, its potential impact and research methodology.



II programma ERC

Cost Category			Total in Euro
Direct Costs ^[1]	Personnel	PI ^[1]	
		Senior Staff	
		Postdocs	
		Students	
		Other	
	i. Total Direct Costs for Personnel (in Euro)		
	Travel		
	Equipment		
	Other goods and services	Consumables	
		Publications (including Open Access fees), etc.	
		Other (please specify)	
ii. Total Other Direct Costs (in Euro)			
A – Total Direct Costs (i + ii) (in Euro)			
B – Indirect Costs (overheads) 25% of Direct Costs ^[1] (in Euro)			
C1 – Subcontracting Costs (no overheads) (in Euro)			
C2 – Other Direct Costs with no overheads ^[1] (in Euro)			
Total Estimated Eligible Costs (A + B + C) (in Euro) ^[1]			
Total Requested EU Contribution (in Euro) ⁶			



LA VALUTAZIONE

- Unico criterio di valutazione: **eccellenza**
- La procedura di valutazione è affidata a **25 panel** di valutazione articolati in **3 principali aree scientifiche** di ricerca:
 - Life Sciences - LS
 - Physical Sciences and Engineering – PE
 - Social Sciences and Humanities – SH
- Budget ripartito proporzionalmente tra i Panel sulla base delle domande proposte

At step 1, the extended synopsis and the Principal Investigator's track record and CV will be assessed (and not the full scientific proposal).



At step 2, the complete version of the retained proposals will be assessed (including the full scientific proposal).

The allocation of the proposals to the various panels will be based on the expressed preference of the applicant Principal Investigator.

Proposals may be allocated to a different panel with the agreement of both Panel Chairs concerned.

The panel to which a proposal is allocated may request additional reviews by appropriate members of other panel(s) or additional remote evaluators.



Principal Investigators whose proposals are retained for step 2 of the evaluation will be invited for an **interview** to present their proposal to the evaluation panel meeting.

***SAPIENZA FINANZIA LA PARTECIPAZIONE A TRAINING COURSES
PER LA SPECIFICA PREPARAZIONE DELL'INTERVIEW***



SCORES

At the end of **step 1** of the evaluation the proposal will receive one of the following scores:

- **A.** is of sufficient quality to pass to step 2 of the evaluation
- **B.** is of high quality but not sufficient to pass to step 2 of the evaluation
- **C.** is not of sufficient quality to pass to step 2 of the evaluation



At the end of **step 2** of the evaluation the proposal will receive one of the following scores:

- **A.** fully meets the ERC's excellence criterion and is recommended for funding if sufficient funds are available
- **B.** meets some but not all elements of the ERC's excellence criterion and will not be funded



Limiti alla risottomissione delle proposal

- *Restrictions on applications will apply to the 2023 calls based on the outcome of the evaluation of previous calls*

B *allo step 1 -> non eligible alla call successive*

C *allo step 1 -> non eligible alle call dei due anni successivi*



II programma ERC

1. Research Project

Ground-breaking nature, ambition and feasibility

Starting, Consolidator and 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?

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 is the proposed research methodology appropriate to achieve the goals of the project (based on the full Scientific Proposal)?

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

To what extent are the proposed timescales and resources necessary and properly justified (based on the full Scientific Proposal)?

2. Principal Investigator

Intellectual capacity, creativity and commitment

Starting and Consolidator

Intellectual capacity and creativity

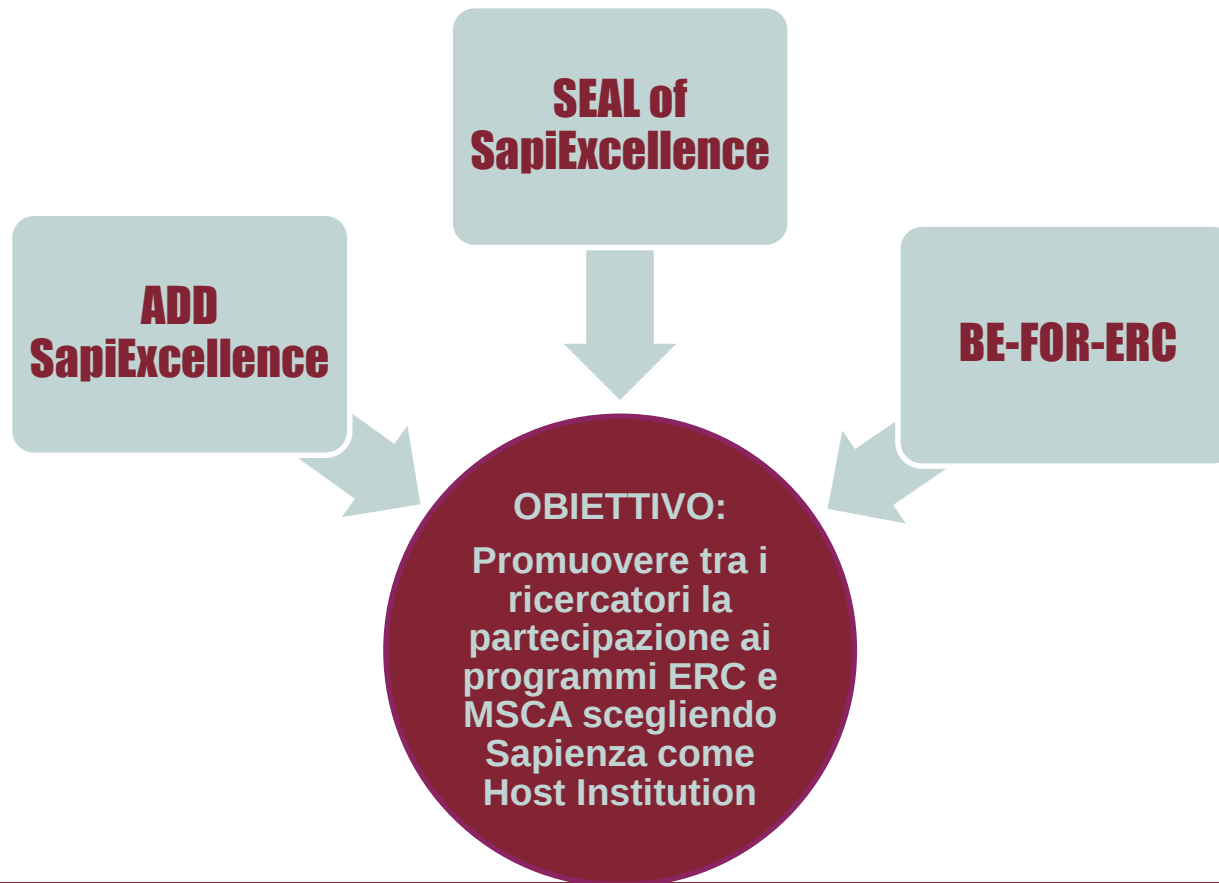
To what extent has the PI demonstrated the ability to propose and conduct ground-breaking research?

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

To what extent have the achievements of the PI typically gone beyond the state of the art?



IL PROGRAMMA «SAPIEXCELLENCE»



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IL PROGRAMMA «SAPIEXCELLENCE»

ADD SapiExcellence

Obiettivo: estendere di un anno la durata delle attività di ricerca di progetti MSCA (IF o ITN) in via di conclusione.

Budget Annuale: € 100.000

Allocazione: n. 2 fellowships di € 50.000 ognuna (€40.000 per il salario + €10.000 per costi di ricerca)

Assegnate ad oggi
7 fellowships



7 fellows ITN assunti
come post-doc e
estensione del progetto
di 1 fellow IF

SEAL of SapiExcellence

Obiettivo: finanziare la ricerca di applicants MSCA-IF che hanno ottenuto il Seal of Excellence (score>85)

Budget Annuale: € 200.000

Allocazione: n. 4 fellowships di € 50.000 ognuna (€40.000 per il salario + €10.000 for costi di ricerca)

Assegnate ad oggi
9 fellowships



Data l'opportunità a 9
applicants IF di
realizzare il proprio
progetto di ricerca

BE-FOR-ERC

Obiettivo: finanziare ricercatori di eccellenza senza una posizione permanente in Sapienza per sottoporre una proposta ERC con Sapienza come HI

Budget Annuale : € 600.000

Allocazione: n. 12 fellowships di € 50.000 ognuna (€40.000 per il salario + €10.000 for costi di ricerca)

Assegnate ad oggi
20 fellowships
a giovani ricercatori di
talento
+ altre 20 sul bando
2021 in valutazione



GRAZIE PER L'ATTENZIONE!

Giuditta Carabella

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