

Inclusive Gender Equality in European R&I

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European Commission's political leadership for 2024-2029: Ursula von der Leyen

Ekaterina Zaharieva (Bulgaria), Mission letter for the <u>Commissioner-designated for Startups, Research and Innovation.</u>

Hadja Lahbib (Belgium), Mission letter for the <u>Commissioner-designate for</u> <u>Preparedness and Crisis and Commissioner-designate for Equality.</u>

Roxana Mînzatu (Romania), Mission letter for the <u>Executive Vice-President-designate</u> <u>for People.</u>

Henna Virkkunen, Mission letter <u>for</u>
<u>Executive Vice-President for Tech</u>
<u>Sovereignty, Security and Democracy</u>









THE EU RESEARCH & INNOVATION PROGRAMME

2021 - 2027



Research and Innovation **Indicative budget: EUR 93.5 billion**

Gender equality: a strengthened priority in Horizon Europe



Gender Equality Plan: **Eligibility Criterion** for public bodies, research organisations and higher education establishments from Member States or Associated Countries to access funding

→ See details <u>here</u>, including FAQ



Integration of the gender dimension into R&I content is mandatory by default unless specified otherwise in the topic description.

→ See methods and case studies <u>here</u>



Gender and geographical diversity among researchers: a **Ranking Criterion** – for ex aequo proposals

+ researchers declare their gender along three categories woman, man, non-binary



Monitoring

	Horizon 2020 (2014-2020)	Horizon Europe (2021-2027) (preliminary results)
Women expert evaluators in evaluation panels	42%	43.5% / 1,5%
Women participating in expert groups	43%	48.7% / 5,7%
Women coordinators in projects	23%	31% / 8%
Women researchers in projects	37%	37.6% / 0.6%

The representation of women varies according to the different funding programme.



In addition

- Specific funding for actions supporting the development of inclusive gender equality plans (GEP) in research and innovation organisations, under the Widening Participation and Strengthening the European Research Area Programme Part.
- Specific funding will also be allocated to **gender studies and intersectional research**, in particular under Pillar II, **Cluster 2 Culture**, **Creativity and Inclusive Society**.
- Measures and activities for **promoting gender equality** are introduced under Pillar III, in particular through the **European Innovation Council (EIC)**, including a target of **40% women-led companies invited to pitch their projects** in the Accelerator instrument, **a target of 50% women among members of EIC advisory structures**, a dedicated initiative to support **women-led deep-tech startups**, and the continuation of the **EU prize for women innovators**

The European Research Council

Inclusive excellence at the ERC

Actions and results of sustained measures to ensure fairness in the evaluation process





ERC at a glance

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

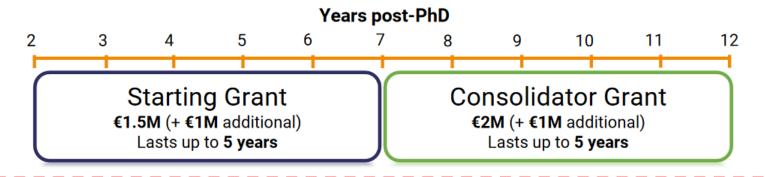
It funds creative researchers of <u>any nationality</u> and age, to run groundbreaking projects based across Europe.

The ERC offers 4 core grant schemes: **Starting Grants**, **Consolidator Grants**, **Advanced Grants** and **Synergy Grants**.



To deliver its mission fully, the ERC must promote equality of opportunities and prevent any form of discrimination in its structures and operations, in line with Article 21 of the EU Charter of Fundamental Rights and Article 10 and 19 Treaty on the Functioning of the European Union

ERC funding grants



No PhD Requirements

Advanced Grant €2.5M (+ €1M additional) Lasts up to 5 years

Synergy Grant €10M (+ €4M additional) Lasts up to 6 years with 2-4 PIs

Extensions of the track-record period is possible due to a series reasons



Extensions to eligibility windows

The **eligibility periods can be extended** beyond 7 and 12 years for the Starting and Consolidator Grants, respectively, for the following properly documented circumstances:

- Maternity
- Paternity
- Long-term illness or Disability
- National service
- Clinical training
- Natural Disaster
- Seeking Asylum





Impacts due to gender-based and other violence NEW

ERC in figures



Over **14,000** top researchers funded since the ERC creation in 2007



Over 100,000 researchers and other professionals employed in ERC research teams



Over **2,400**patents and other IPR applications generated by ERC funding



Over **400** start-ups identified as founded or co-founded by ERC grantees



Over **220,000** articles from ERC projects published in scientific journals



Over **950** research institutions hosting ERC grantees – universities, public or private research centres in the EU or Associated Countries



93
nationalities of grant holders



14 Nobel Prizes, 6 Fields Medals, 11 Wolf Prizes and other prizes awarded to ERC grantees

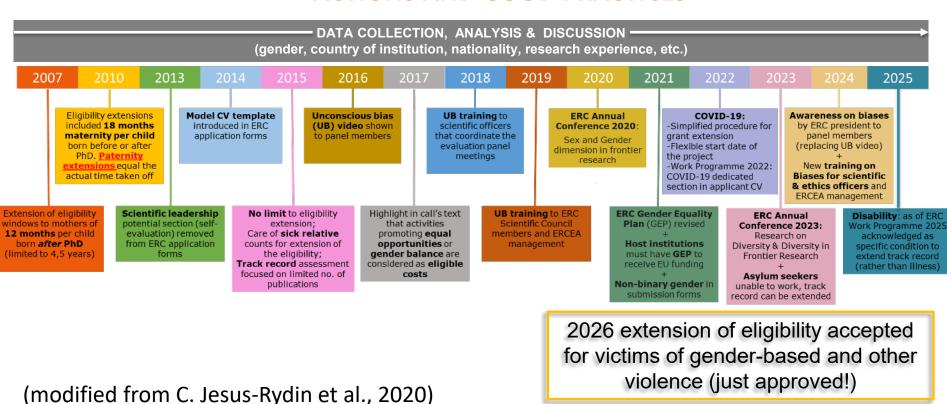




fairness of grant peer review process is a matter of serious concern by funders

The mere possibility of biases affecting the

MAINSTREAMING EQUALITY AND DIVERSITY: ACTIONS AND GOOD PRACTICES



https://adgeo.copernicus.org/articles/53/87/2020/

ERC President's presentation on bias (as of 2024) These slides are to be accompanied by a spoken narrative during briefings

A **bias** is a tendency, inclination, or prejudice toward or against something or someone.*

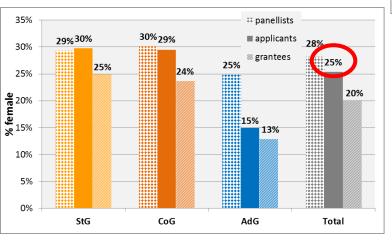




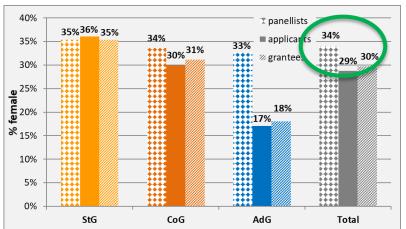
* https://www.psychologytoday.com/intl/basics/bias

Women participation by call, progress since 2007

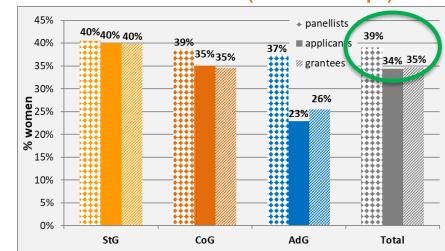
ERC Calls FP7 2007-2013



ERC calls H2020 (2014-2020)



ERC Calls 2021-2023 (Horizon Europe)

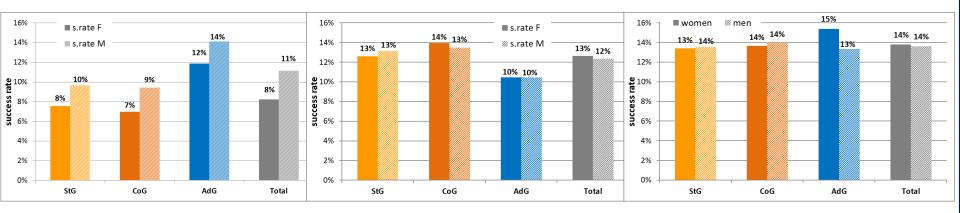


Success rate by type of call: men and women *

ERC Calls 2007-2013 (FP7)

H2020 (2014-2020)

Horizon Europe (2021-2023)

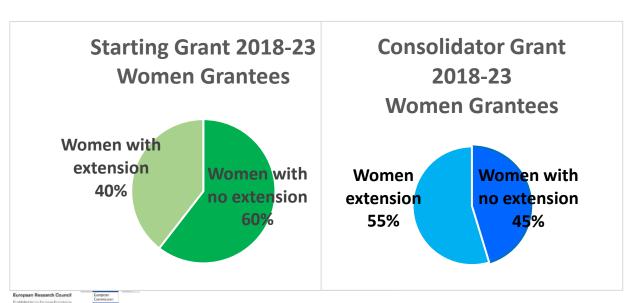






Grant share with and without extensions (2018-23)

The extensions of eligibility windows have a significant impact on the participation of women in ERC grants.



Women grantees in the extension window play a major role in the ERC achievements (i.e., comparable success rates between men and women):

- Starting Grant they make up for 40 %
- Consolidator Grant they make for more than half: 55 %

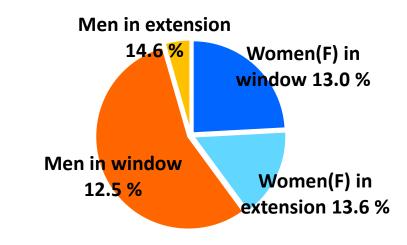
Extensions and Success Rate (1/2)

Starting Grant (2018-23)

The pie chart shows share and success rate of applicants with and without eligibility extensions disaggregated by gender.

The success rate of women and men with and without the extension is comparable, with only minor differences. Women 0.5% higher in window (13%) and 1% lower in extensions than men (women 13,6% and men 14,6%).

Success Rate (SR) by gender and eligibility window





F Extensions







Extensions and Success Rate (2/2)

Consolidator Grant (2018-23)

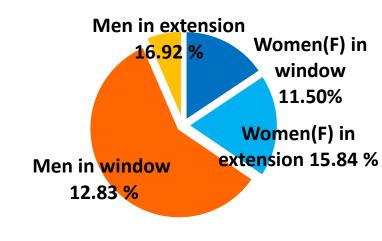
The pie chart shows share and success rate of applicants with and without eligibility extensions disaggregated by gender.

The success rate of women without the extension is about 1.5% lower than men's.

With the extension, the success rate of men is the highest at about 17%.



Success Rate (SR) by gender and eligibility window



- F In window
- **F Extensions**
- M In window
- M Extensions

No positive discrimination No affirmative actions No quotas

Every ERC awardee is selected based on EXCELLENCE only

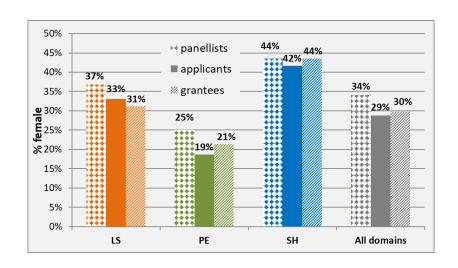
Thank you

ERC calls by domain % women

ERC Calls 2007-2013 (FP7)

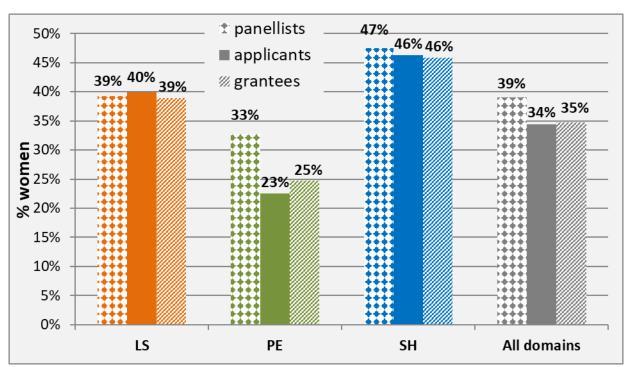
40% 36% 36% # panellists 35% 31% 30% applicants 31% 28% 30% **m** grantees 25% **emal** 25% 20% 35% % 15% 20% 21% 20% 17% 10% 5% 0% LS PΕ SH All domains

ERC Calls 2014-2020 (H2020)



ERC calls by domain % women

ERC Calls 2021-2023 (Horizon Europe)



Key learnings

Positive results reflect a cumulative effect of various actions

 Potential candidates must trust the system and that they will have a fair chance – the work is never done

STEREOTYPE THREAT is a challenge

Stereotype threat



Situations in which people are aware they belong to the minority and this awareness negatively affects their performance.

Long-standing factor to racial and gender gaps in academic performance.

C.M. Steele and J. Aronson

Note: important to focus on 'hopeful' messages

https://www.khanacademy.org/test-prep/mcat/individuals-and-society/discrimination/v/stereotypes-stereotype-threat-and-self-fulfiling-prophecy

GOALS

More women applying: especially in Advanced Grant

Ensure diversity in ERC panels in terms of expertise, gender (men's acceptance rate is higher than higher than women's), geographical representation, etc.

Maintain open dialogue with scientific community

For the ERC "diversity and inclusion" means

"to contribute to a truly inclusive European culture of competitiveness in science by way of strengthening the participation of researchers in ERC calls from Europe less research-performing regions."

"Each process within the ERC (...) is designed to give equal opportunities to men and women."

Monitor diversity in pool of applicants and panel members: gender, nationality, current host institution, age, etc.

Diversity in scientific topics and approaches in research: bottom up!

ERC activities supporting Equality Diversity and Inclusion: 3 categories

- ✓ Categorie 1: Monitoring and transparency
- ✓ Categorie 2: Raising awareness
- ✓ Categorie 3: Enabling change



Category 1

Monitoring and Transparency

Current situation

collect data

gender, nationality, country of birth, country of residence, and research experience of PIs

country of residence and gender composition of research teams

not collected: age, disability, ethnicity, religion, sexual orientation, or belief because of data protection

ERC is exploring existing practice in other leading funding bodies





Category 2

Raising Awareness

Current situation

briefing panel members

reduce bias in the review of proposals

Ongoing Action

Showcase good practice in design, conduct, report of ERC research to place on ERC website (share film/podcasts/ blogs, ERC Diversity Conference Nov 2023 material)

Showcase other D&I good practices

ERC research engaging with marginalized or minority communities

How Host Institutions enable diverse researchers to apply to ERC

Exchanges with NCP

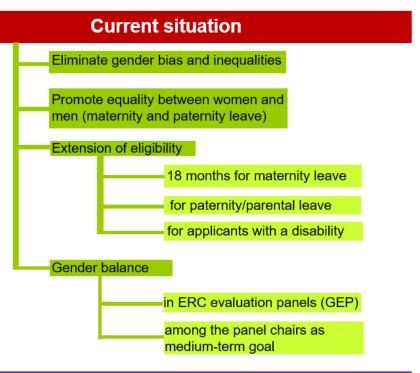
Training for ERCEA officers on inclusive excellence and bystander intervention





Category 3

Enabling change



Further possible actions



Extend gender balance requirements for external peer reviewers

Shaping the Next European Commission

- Political Guidelines for the Next European Commission 2024-2029
 - Gender equality is a strengthened priority, including gender-based violence, empowering of women in politics and labor market (new Gender Equality Strategy, Roadmap for Women's Rights and an updated strategies on LGBTIQ and anti-racism)
- <u>European Union priorities 2024-2029</u> include:
 - A free and democratic Europe (including upholding European values within the EU)
 - A strong and secure Europe
 - A prosperous and competitive Europe (including bolstering the EU's competitiveness)
- European Council Strategic Agenda 2024-2029
- EU competitiveness: Looking ahead (Draghi report, 9 September)
 - Strong support of democracy and EU values
 - Gender equality mentioned especially in relation to skills and education (STEM, IT) and:

"The EU's efforts to hone its competitive edge need to be guided by European values, which should be further reinforced by its action. These encompass fundamental values, including human rights, the rule of law and democracy, but also values of specific relevance to research and innovation, such as academic freedom and independence, research integrity and ethics, transparency, diversity, inclusion, gender equality, open science and open access to scientific publications and research data. These values and principles should remain at the core of Europe's approach and constitute the strength of its model of excellent, collaborative research. Promoting these values makes Europe a more attractive place for researchers and businesses from around the world."



