

CORSO SOCI APRE

HORIZON 2020:
**I BANDI MARIE SKŁODOWSKA-CURIE ACTIONS (MSCA) - INDIVIDUAL
FELLOWSHIP ED ERC**

11 luglio 2018

Università degli Studi di Pisa

Polo Congressuale "Le Benedettine" in Piazza San Paolo a Ripa d'Arno 16, Pisa

Angelo D'Agostino

National Contact Point Horizon 2020 –

Marie Skłodowska-Curie Actions, Science with and for Society, ERC

Agenda

09.00 Registrazione dei partecipanti

09.15 Introduzione e apertura dei lavori – Michele Padrone

09.30 Le Azioni Marie Skłodowska-Curie (MSCA)

- Obiettivo
- Struttura
- Definizioni

10.00 Individual Fellowships (IF)

- Obiettivo
- European Fellowship e Global Fellowship
- Contributo comunitario

10.45 Pausa Caffè

11.00 ERC: i bandi Starting, Consolidator, Advanced

12.00 Cenni di progettazione in ambito MSCA-IF ed ERC: le principali differenze

12.30 Testimonianza di un applicant – Paola Binda - Dipartimento di Ricerca Traslazionale e delle Nuove Tecnologie in Medicina e Chirurgia – Università di Pisa

13.00 Sessione di domande

13.30 Fine lavori

Horizon 2020

Excellent science

- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie actions
- European Research Infrastructures, including e-Infrastructures

Industrial leadership

- Leadership in enabling and industrial technologies
- Information and Communication Technologies
- Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology
- Space
- Access to risk finance
- Innovation in SMEs
 - The SME Instrument
 - The Eurostars programme

Societal challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens.

Fast Track to Innovation Pilot (2015-2016)

Spreading Excellence and Widening Participation

Science with and for Society

European Institute of Innovation and Technology (EIT)

18/11/2015

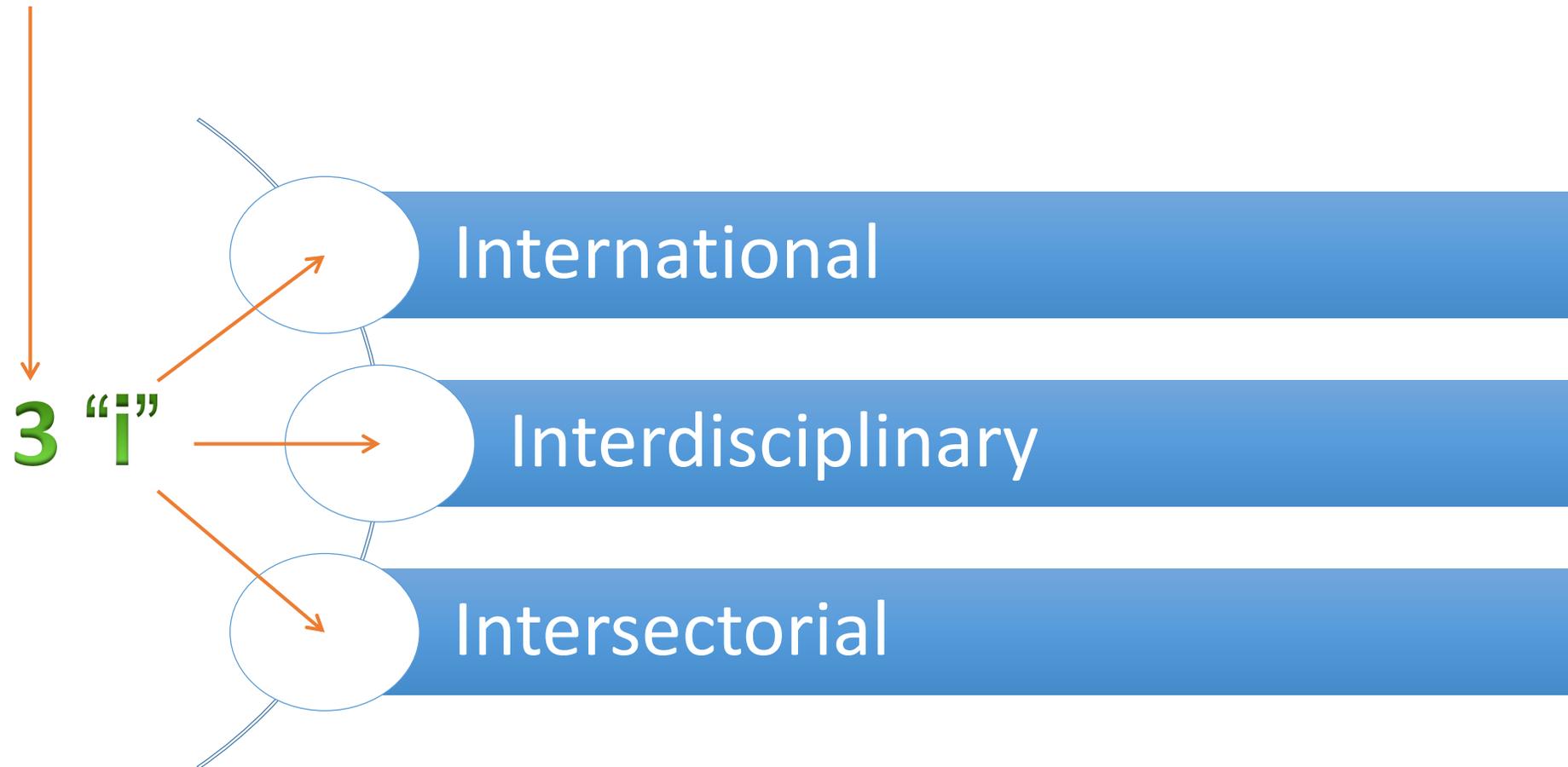
Euratom

13

Keywords



Mobility



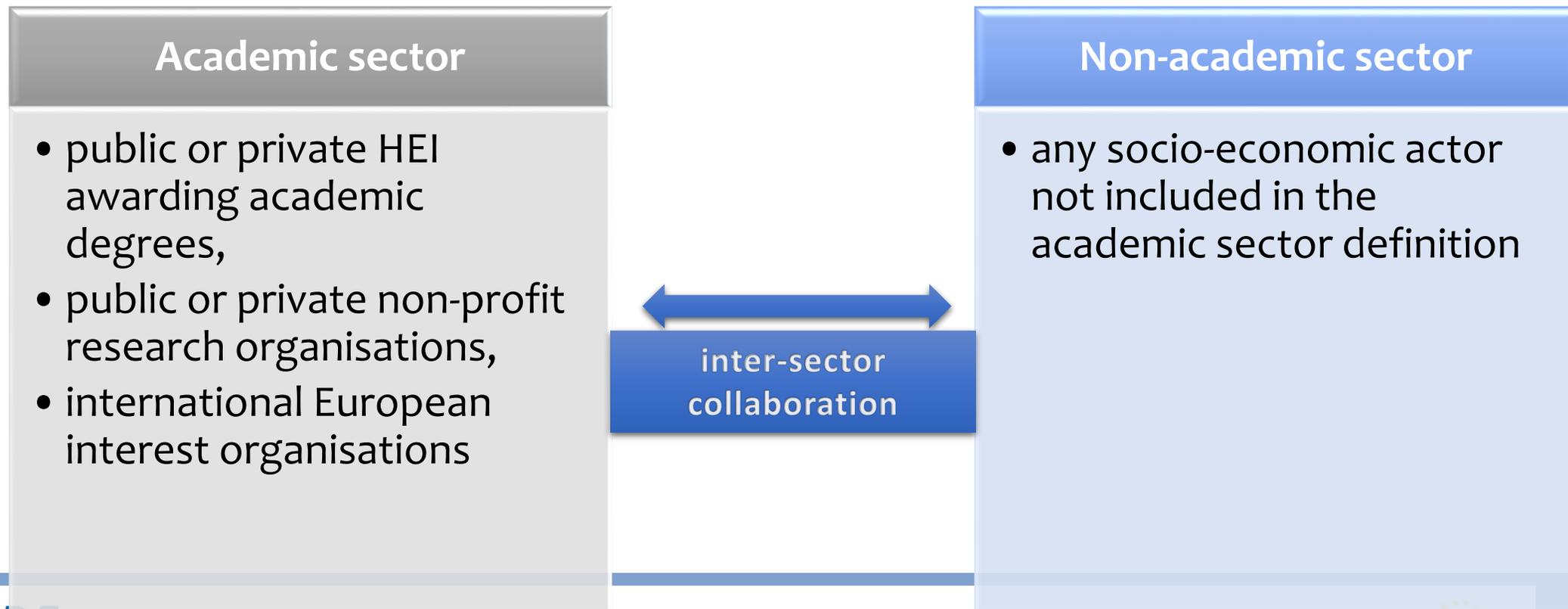
MSCA Objective

Ensure the optimum development and dynamic use of Europe's intellectual capital in order to generate new skills, knowledge and innovation

Budget 2014-2020: 6 162 million €

Definitions

Participants are organisations from the academic or the non-academic sector. These two sectors are defined as follows:



Proposal ID SEP-210513220 Acronym test Short name

2 - Administrative data of participating organisations ?

Future Host Institution

<i>PIC</i>	<i>Legal name</i>
<input type="text"/>	<input type="text"/>
<hr/>	
<i>Short name:</i> <input type="text"/>	
<i>Address of the organisation</i>	
Street	<input type="text"/>
Town	ROMA
Postcode	00165
Country	Italy
Webpage	<input type="text"/>

Specific Legal Statuses ?

Research and Innovation legal statuses

- Legal person yes
 - Non-profit yes
 - International organisation no
 - International organisation of European interest no
 - Secondary or Higher education establishment no
 - Research organisation yes
 - Small and Medium-sized Enterprises (SMEs) no
- Academic Sector yes

Definitions

Beneficiaries

***Beneficiaries** are the legal entities that **sign the grant agreement** and have the responsibility for the proper implementation of the action. They contribute directly to the implementation of the research, transfer of knowledge and training activities.*

Partner organisations

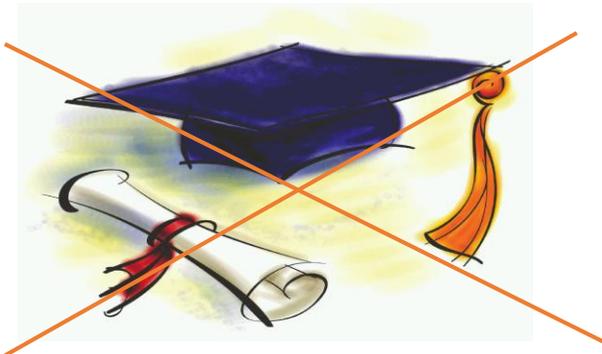
*Partner organisations are institutions that provide additional training and host the researcher during secondments. The partner organisations do not recruit any researchers and **do not sign the grant agreement**. As such partner organisations **cannot directly claim any costs** from the action*



Researchers

Early-stage researchers
(ESR)

≤ 4 years *full-time equivalent*
research



Experienced researchers
(ER)



or

≥ 4 years *full-time equivalent*
research experience

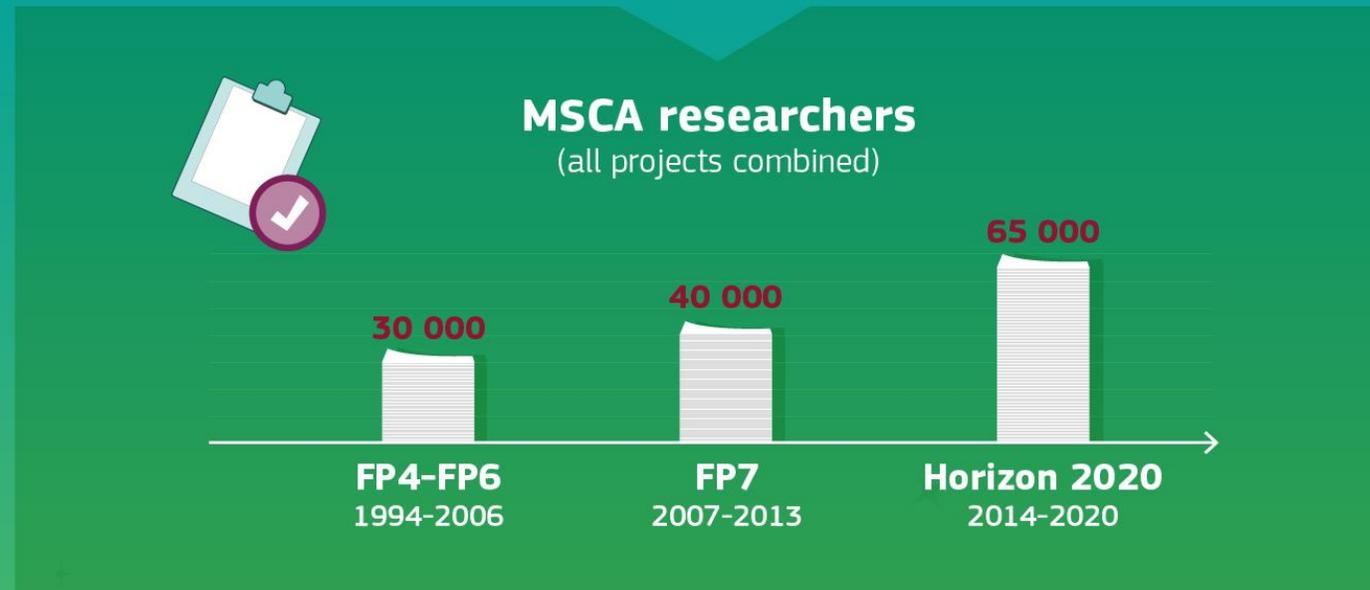
Full-time equivalent research experience is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate

Bottom-up approach

Research fields are freely chosen by the applicants, except:

- research activity aiming at human cloning for reproductive purposes
- research activity intended to modify the genetic heritage of human beings which could make such changes heritable
- research activities intended 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
- areas of research covered by the EURATOM Treaty

Marie Skłodowska-Curie Actions (MSCA) have supported **more than 100 000 researchers** so far



8 Nobel laureates



1 Oscar winner*

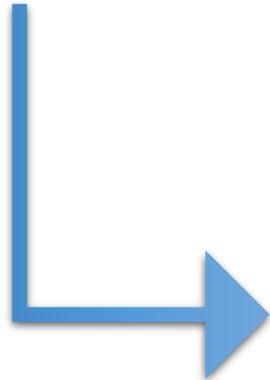
* A team of software developers involved with MSCA won an Academy Award in 2006 for their work on visual effects software
<http://europa.eu/lqK83Yg>



Marie Skłodowska-Curie Actions – Individual Fellowships (IF)

Why?

Are you an experienced researcher thinking about your next career move?

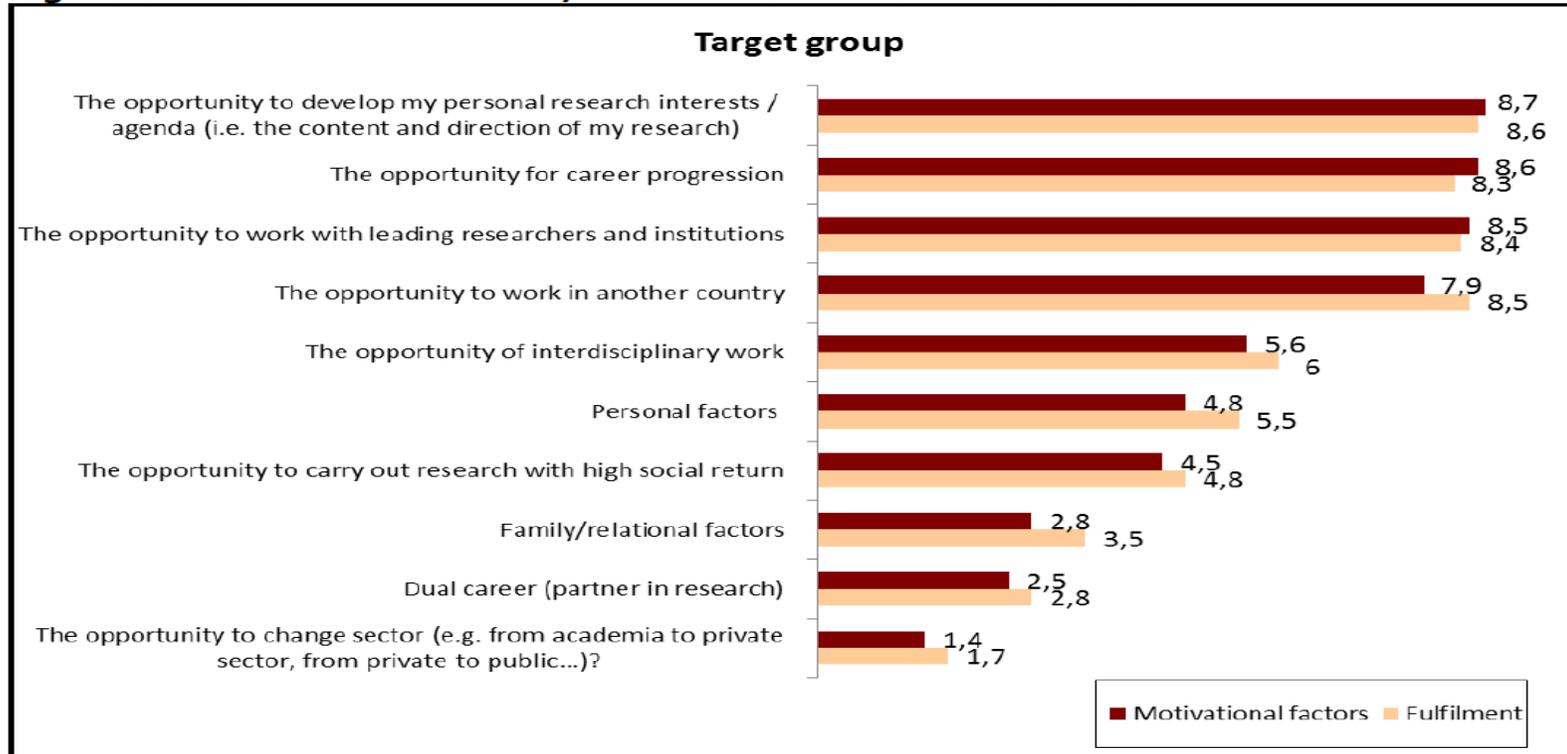


Individual Fellowships fund researchers looking to **enhance their career development** and prospects by working abroad.



Why?

Figure 3.9 – Initial motivation/ fulfilment for MC researchers



Impact

Reading the Work Programme MSCA 2018-20:



Expected Impact:

At researcher level:

- Increased set of skills, both research-related and transferable ones, leading to improved employability and career prospects both in and outside academia
- Increase in higher impact R&I output, more knowledge and ideas converted into products and services
- Greater contribution to the knowledge-based economy and society

At organisation level:

- Enhanced cooperation and stronger networks
- Better transfer of knowledge between sectors and disciplines
- Boosting of R&I capacity among participating organisations

At system level:

- Increase in international, interdisciplinary and intersectoral mobility of researchers in Europe
- Strengthening of Europe's human capital base in R&I with more entrepreneurial and better trained researchers
- Better communication of R&I results to society
- Increase in Europe's attractiveness as a leading destination for R&I
- Better quality research and innovation contributing to Europe's competitiveness and growth

<p>Career drivers and employability</p>	<ul style="list-style-type: none"> • MC fellows reported that MCF contributed significantly to other key career 'drivers', such as (i) access to high quality research facilities and labs, (ii) enlarging their professional network and (iii) improving their interdisciplinary skills. • MCF can improve fellow's immediate employability slightly better than other types of fellowship. In many instances former fellows have been offered an employment in the host institution after the end of MCF.
<p>Professional outputs</p>	<ul style="list-style-type: none"> • The results of the study shows that – all other factors considered – MC fellows' publications are more-often cited than the CG's, and are more frequently published on influential scientific journals. • MC fellows are more successful in applying for European Research Council (ERC)'s competitive grants for high quality research. • Conversely, limited or no positive MC effects have been found concerning (i) submission/commercialization of patents; and
<p>Employment status and career achievements</p>	<p>(ii) obtaining private research funds.</p> <ul style="list-style-type: none"> • MC fellows achieve professorship titles more frequently than others, but somehow later in their career, and are more likely than the CG of leading a team of researchers, i.e. holding a principal investigator position. • MC fellows often enjoy better employment contracts than the CG (e.g. open-ended tenure), but this does not necessarily implies higher income. • MC fellows are more satisfied with their job than the CG, and this is true in general and for each individual aspect considered.



N.B.
 Marie Curie Fellowship (MCF)
 Control group (CG)



Individual Fellowships (IF)

Objective

- enhance the creative and innovative potential of experienced researchers
- provide opportunities to acquire new knowledge, work on research projects in a European context or outside Europe, resume a career or return to Europe

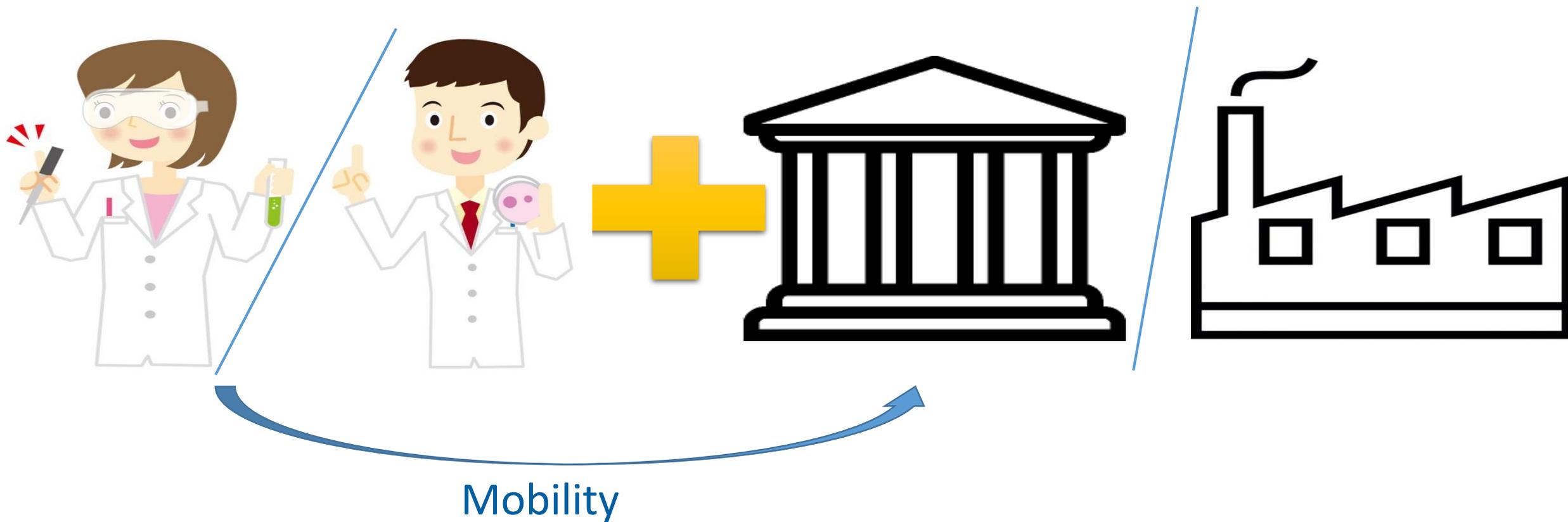
Scope

- Individual, trans-national fellowships awarded to the best or most promising researchers
- European Fellowships or Global Fellowships

Expected Impact

- release the full potential of researchers and to catalyse significant development in their careers in both the academic and non-academic sectors
- strengthen the contact network of the researcher and the host organisation

Individual Fellowships (IF)



Mobility rule

For Standard (ST) the researcher must not have resided or carried out his/her main activity (work, studies, etc.) in the country of the host organisation for more than 12 months in the 3 years immediately prior to the deadline for submission of proposals.



Individual Fellowships (IF)



[...]

✓ This action provides financial support for individual **experienced researchers** who want to work in **host organisations** established in **EU Member States (MS)** or **Associated Countries (AC)***.

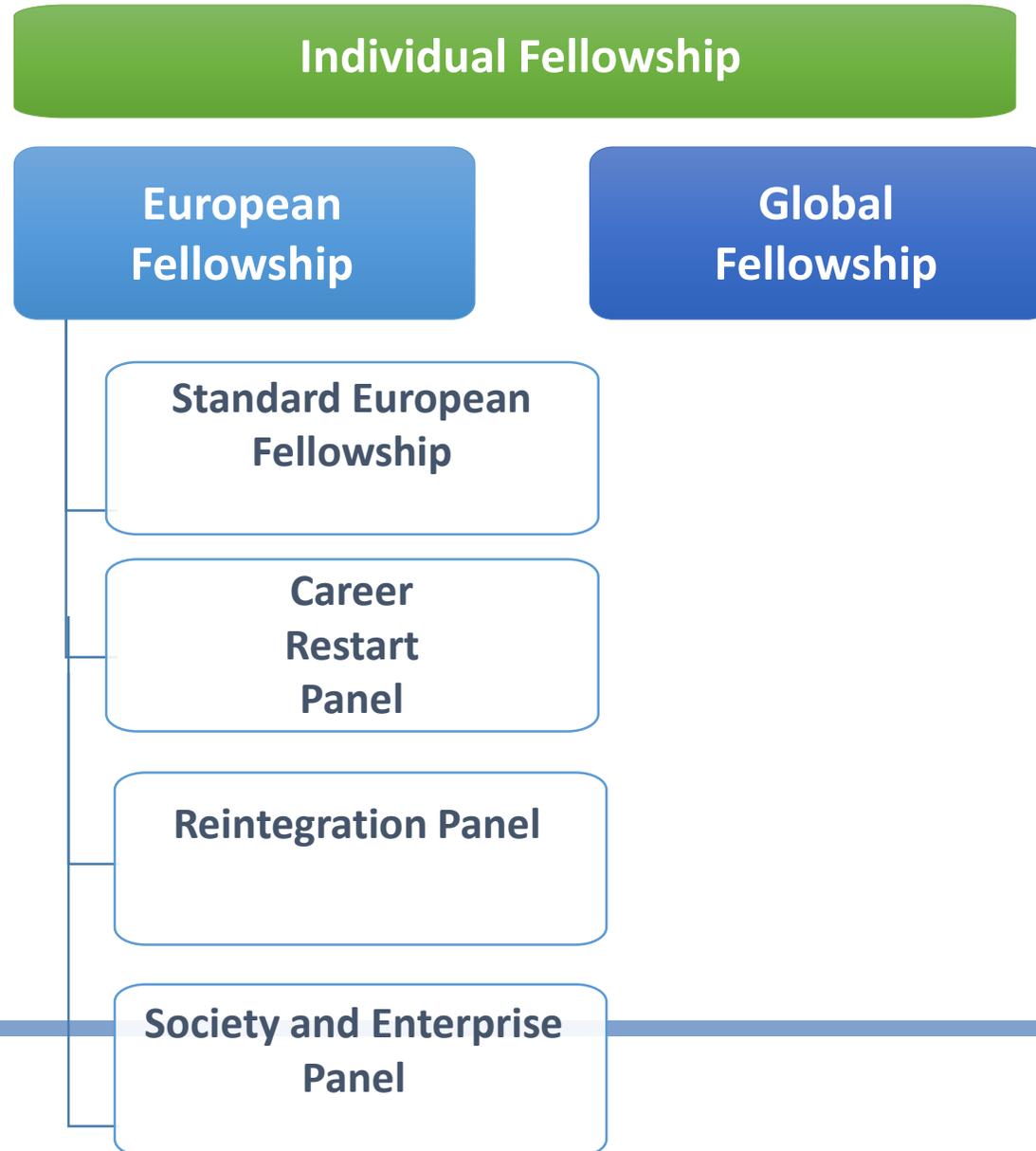
✓ The **Global Fellowship** option also includes an initial period spent in a **Partner organisation located outside of Europe MS or AC**.

[...]

* AC: http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf?_=58655886



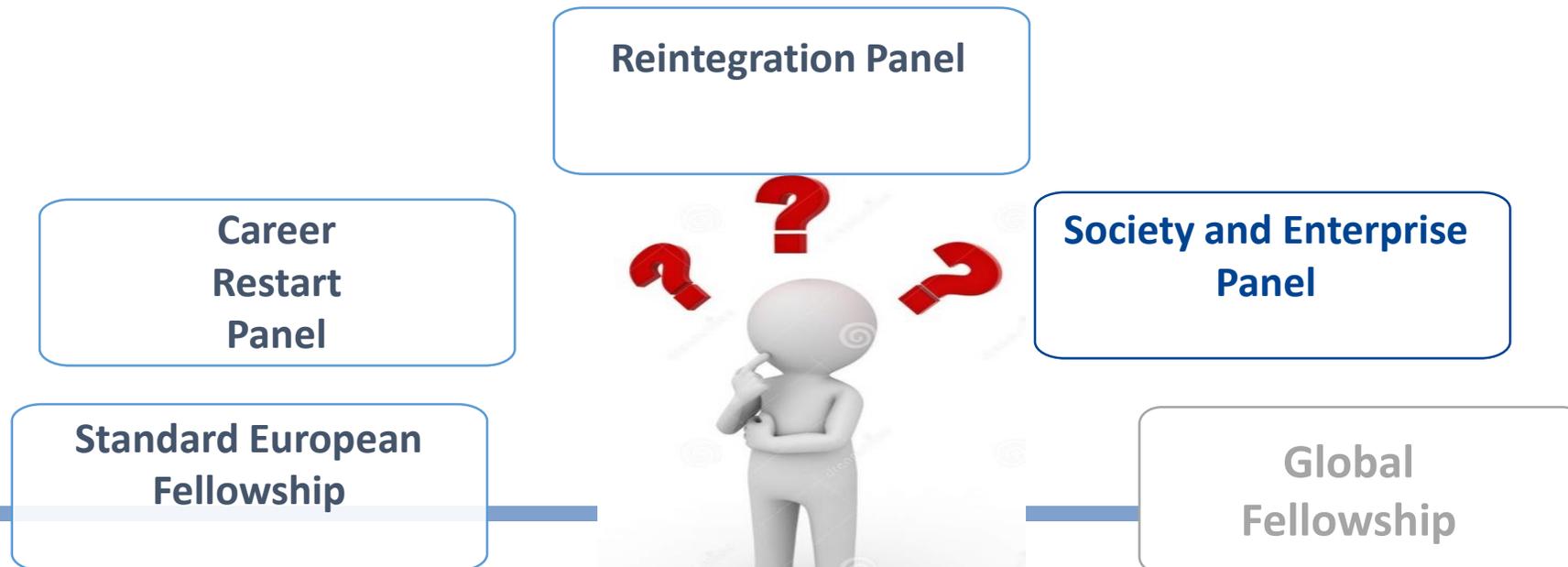
Only one proposal per experienced researcher can be submitted for this call of proposals



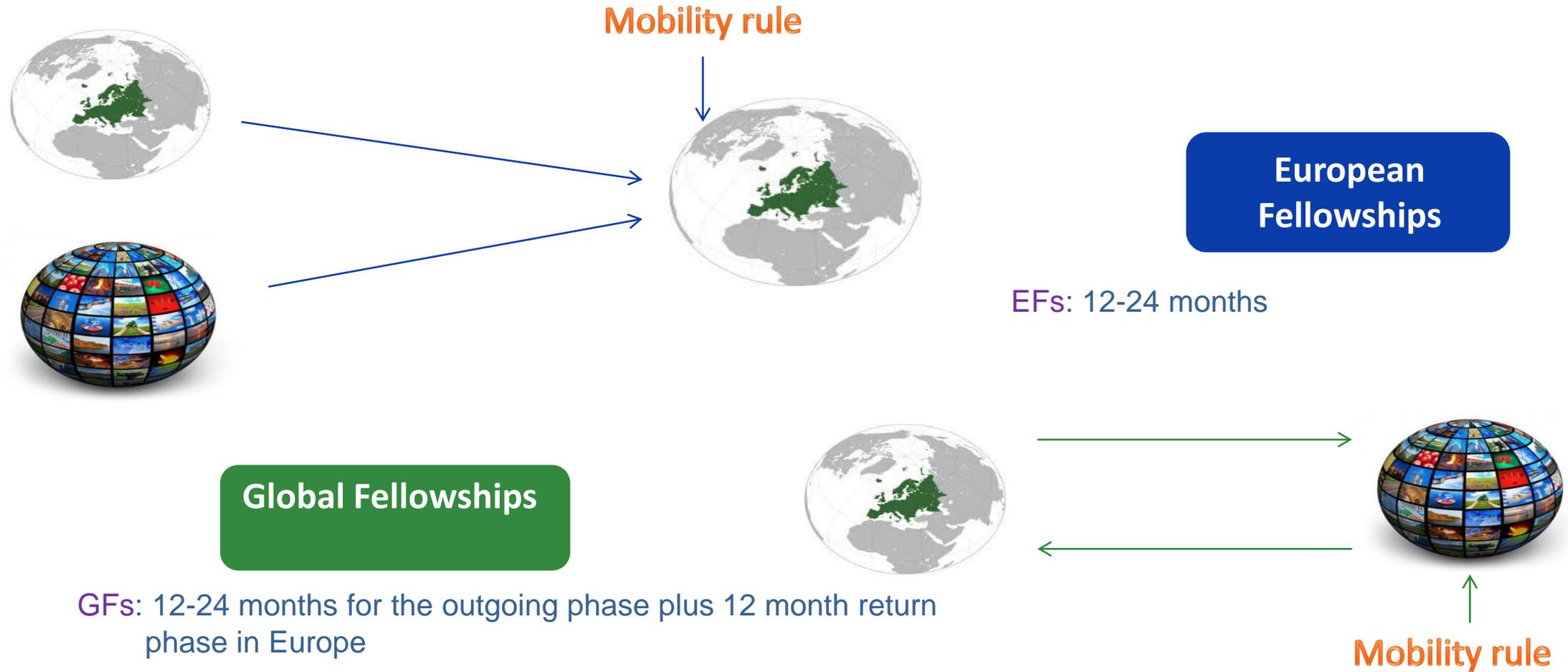
Only one proposal

Keep in mind that **only one proposal per researcher** may be submitted to this call. In the event of multiple submissions, REA will contact the supervisor and researcher, who will then choose the proposal to be evaluated:

- In case no reply is received, the first submitted proposal will be evaluated.
- In case of disagreement between supervisor and researcher, the supervisor's opinion prevails.



IF – European and Global



Standard European Fellowships (EF-ST)

1. The researcher must be an **experienced researcher**
2. The researcher may be of **any nationality**. No age restrictions apply.
3. The researcher must **move or have moved** (transnational mobility) **from any country to the MS or AC** where the beneficiary is located.

The researcher must comply with the **mobility rule**:

The researcher must not have resided or carried out his/her main activity (work, studies, etc.) in the country of the beneficiary for more than 12 months in the 3 years immediately before the call deadline.

Career Restart Panel (EF-CAR)

The Career Restart Panel (CAR) is a multidisciplinary panel of the EF which provides financial support to individual researchers **who wish to resume research in Europe after a career break** (e.g. after parental leave, working outside research, etc.).

1. The researcher must be **an experienced researcher**
2. The researcher may be of **any nationality**. No age restrictions apply.
3. The researcher must **move or have moved** (transnational mobility) **from any country to the MS or AC** where the beneficiary is located.

The researcher must comply with the **CAR mobility rule**:

The researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of the beneficiary for more than 36 months in the 5 years immediately before the call deadline.

Multidisciplinary panel

Career restart panel (CAR)

4. The experienced researcher must have had a career break in research, i.e. they were not active in research for a continuous period of **12 months within the eighteen months immediately prior to the deadline for submission of proposals** (i.e. between 13 March 2017 and 12 September 2018).

'Active in research' means being employed or holding a scholarship in research. Parental leaves and unpaid leaves of absence will not be counted as periods of active engagement in research, even if a formal employment relationship exists during these periods. Publication activities or mere association to a university (i.e. any other link to the university that is not considered as an employment contract or a fellowship agreement) are not taken into account either.

Reintegration Panel (EF-RI)

-The Reintegration Panel is a multidisciplinary panel of the European Fellowships dedicated to researchers **who wish to return and reintegrate in a longer term research position in Europe.**

1. The researcher must be an experienced researcher.

2. The researcher must be a national or long-term resident of a MS or AC. No age restrictions apply.

Long-term residence means a period of legal and continuous residence within EU Member States or Horizon 2020 Associated Countries of at least 5 consecutive years. Periods of absence from the territory of the Member State or Horizon 2020 Associated Country shall be taken into account for the calculation of this period where they are shorter than 6 consecutive months and do not exceed in total ten months within this period of five years.

Multidisciplinary panel

Reintegration Panel (EF-RI)

3. The researcher must **move or have moved** (transnational mobility) **directly from a TC** (excluding compulsory national service and/or short stays such as holidays) **to the MS or AC where the beneficiary is located.**

The researcher must comply with the **RI mobility rule:**

The researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of the beneficiary for more than 36 months in the 5 years immediately before the call deadline.

Multidisciplinary panel

Society & Enterprise Panel (EF-SE)

The Society & Enterprise Panel is a multidisciplinary panel of the European Fellowships dedicated to career opportunities for researchers seeking to work on research and innovation projects in an organisation from the non-academic sector.

1. The researcher must be **an experienced researcher**
2. The researcher may be of **any nationality**. No age restrictions apply.
3. The researcher must **move or have moved** (transnational mobility) **from any country to the MS or AC** where the beneficiary is located.

The researcher must comply with the **SE mobility rule**:

The researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of the beneficiary for more than 36 months in the 5 years immediately before the call deadline.

Society & Enterprise Panel (EF-SE)

4. The beneficiary must be an entity from the non-academic sector

The non-academic status is assigned to entities **not** having the academic status, i.e. entities which are not:

- Public or private higher education establishments awarding academic degrees
- Public or private non-profit research institutes whose primary mission is to pursue research
- International European interest organisations

GLOBAL FELLOWSHIPS (GF)

Global Fellowships are composed of an **outgoing phase** during which the researcher undertakes mobility to a **partner organisation** in a **TC for a period of between 12 and 24 months**, followed by a **mandatory 12-month return period to the beneficiary** located in a **MS or AC**.

1. The researcher must be an **experienced researcher**
2. The researcher must be **national or long-term resident of a MS or AC**. No age restrictions apply.
3. The researcher must **move or have moved** (transnational mobility) **from any country** to the partner organisation located in the **TC**.

The researcher must comply with the **GF mobility rule**:

The researcher must not have resided or carried out their main activity (work, studies, etc.) in the country of the TC partner organisation where the initial outgoing phase takes place for more than 12 months in the 3 years immediately before the call deadline.

GLOBAL FELLOWSHIPS (GF)

4.
 - a. **The beneficiary must be located in an MS or AC, and,**
 - b. **The partner organisation for the initial outgoing phase** must be situated in a **TC** and is the entity where the initial outgoing phase takes place.

Letter of commitment- GF

Each partner organisation in a TC must **include an up-to-date letter of commitment in Part B of the proposal** to demonstrate its real and active participation in the proposed action and its precise role should also be clearly described in the proposal.



Widening fellowships

- WF call is part of the Work Programme "Spreading Excellence and Widening Participation", not in MSCA WP
- Applicants should submit their proposal to the MSCA-IF-2018 call only.
- Call open from 12 April till 12 September
- When ranking list for MSCA-IF-2018 call is finalised:
- EF proposals to widening countries on the Main list of MSCA-IF-2018 will be funded under that call.
- Proposals not selected for funding and that have a chance to be funded under the WF call will be automatically resubmitted and considered for funding under the widening call, within the limits of the available budget.

Secondments

During the implementation of the IF the Experienced Researcher may be seconded to another institution in Europe. Such secondments must significantly **contribute to the impact** of the fellowship and therefore in certain research fields would be expected to take place in the **non-academic sector**.

The organisation where the secondment takes place is a partner organisation and must be located in the Member States or Associated Countries.

Duration of the fellowship	Maximum duration of secondment
≤ 18 months	3 months
> 18 months	6 months

The secondment phase can be a single period or divided into shorter mobility periods

Optional secondment - Global Fellowships

- For Global Fellowships, such an optional secondment can also take place at the start of the action at the beneficiary or its entity with a capital or legal link and/or a partner organisation in a MS or AC for a maximum of 3 months, allowing the researcher to spend time there before moving on to a partner organisation in a Third country. In such cases, the initial secondment will be considered as part of the outgoing phase.

Short visit is not a "secondment"

- Secondments have a clear impact on the project, are planned before, and have a particular scope – for example, without the secondment the final results of the project would not be possible. A short visit on the other hand will have a limited impact and could be spontaneous.
- The purpose of a secondment is providing transfer of knowledge and training, while the aim of a short visit is simply to gather data and information.
- The secondment implies mobility to a partner organisation in a MS/AC.

Short visit \neq Secondment

Research, Training and Development

- A concrete plan of *training-through-research* at the host organisation's premises.

Research & Training

developing the skills, experience, a
employees need to perform
improve their performance
skills, and abilities, specific

- well-defined **objective** in terms of career advancement (by attaining a leading independent position for example) or resuming a research career after a break.
- **final outcome** to develop and significantly widen the competences of the Experienced Researcher, particularly in terms of multi/interdisciplinary expertise, intersectoral experience and transferable skills.
- this plan comprises the researcher's **training and career needs**, including training on transferable skills, planning for publications and participation in conferences.

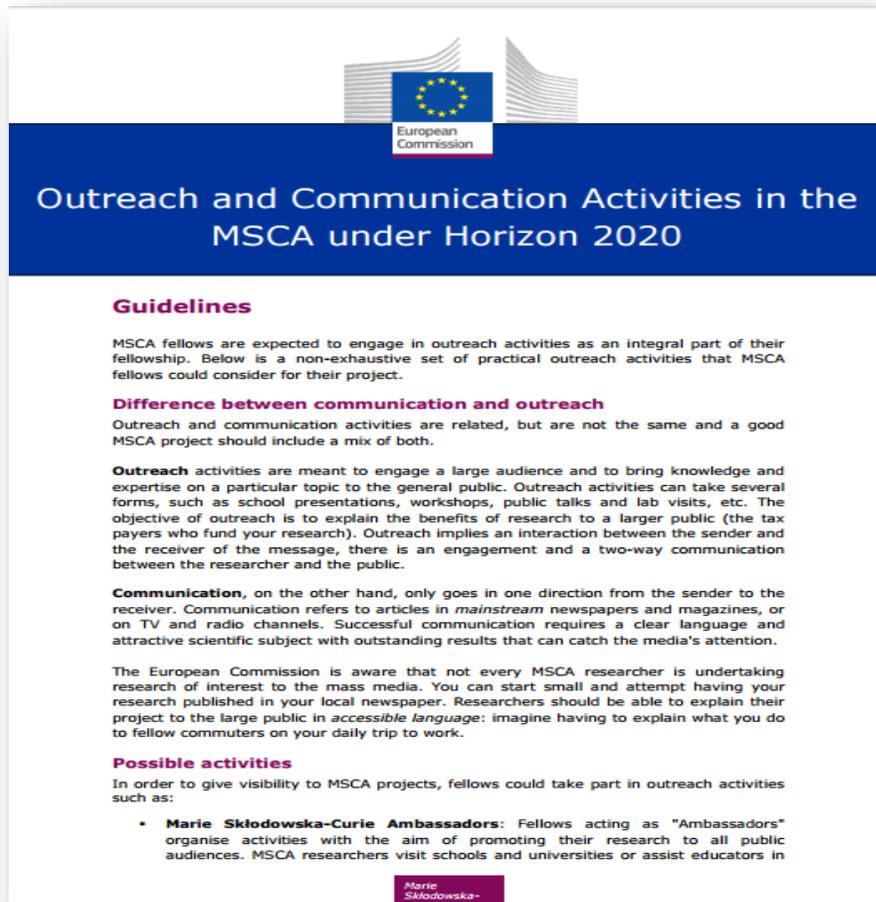
Transferable skills



Transferable skills :

- Training related to research and innovation: management of IPR, take up and exploitation of research results, communication, standardisation, ethics, scientific writing, personal development, team skills, multicultural awareness, gender issues, research integrity, etc.
- Training related to management or grant searching: involvement in the organisation of network activities, entrepreneurship, management, proposal writing, enterprise start-up, task co-ordination, etc.

Outreach & Communication



http://ec.europa.eu/research/mariecurieactions/documents/documentation/publications/outreach_activities_en.pdf

Financial Aspects

Marie Skłodowska-Curie Action	Researcher unit cost person/month			Institutional unit cost person/month	
	Living allowance*	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
Individual Fellowships	4880	600	500	800	650

* The country correction coefficients that will be applied are indicated in Table 4 in Part 3 of the Work Programme

The financial support for Marie Skłodowska-Curie IFs takes the form of a grant covering up to 100% of the costs.

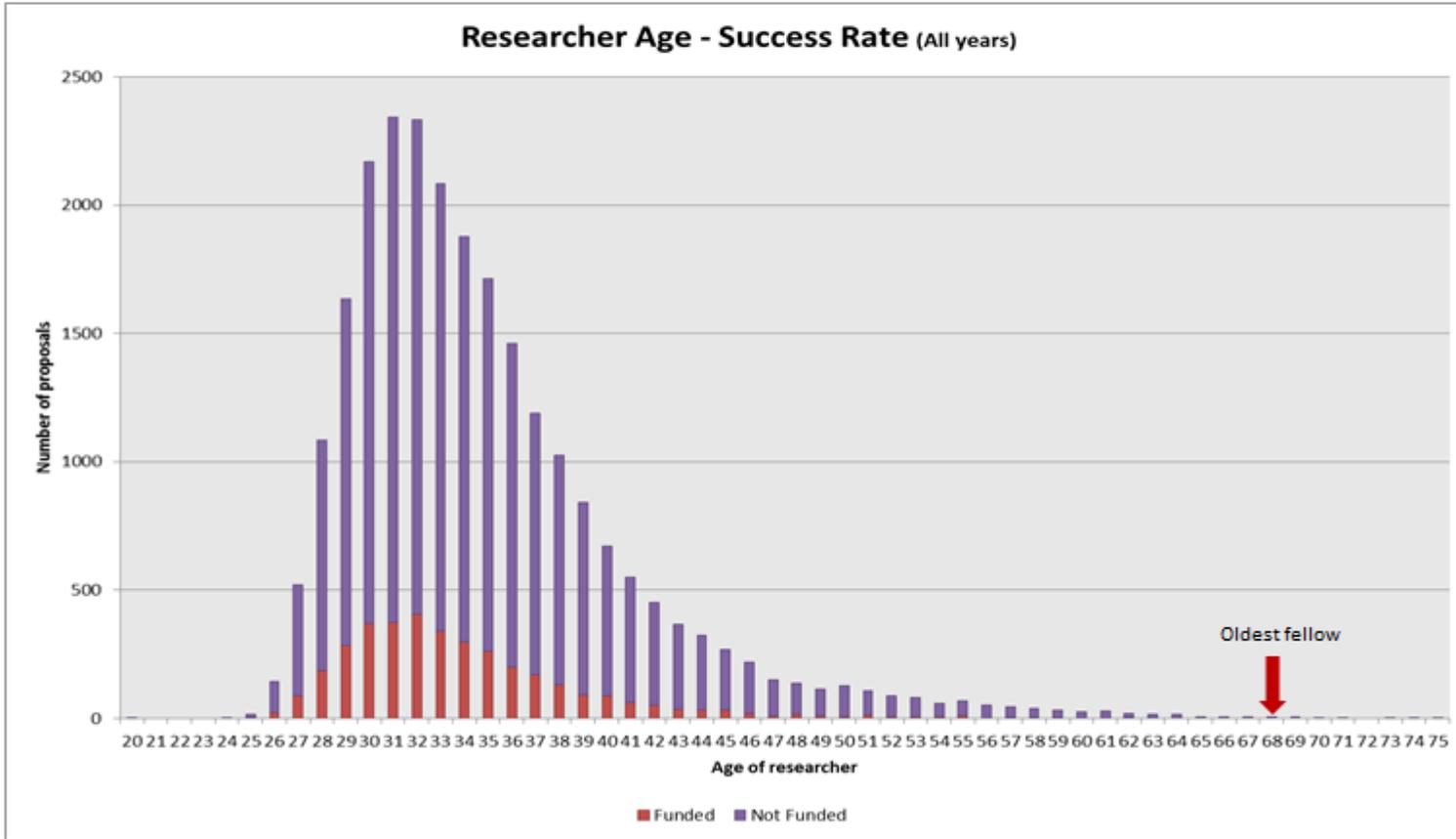
Call deadlines 2018

Opening date(s), deadline(s), indicative budget(s):⁷

Topics (Type of Action)	Budgets (EUR million)	Deadlines
	2018	
Opening: 12 Apr 2018		
MSCA-IF-2018 (MSCA-IF-EF-CAR)	220.00	12 Sep 2018
MSCA-IF-2018 (MSCA-IF-EF-RI)		
MSCA-IF-2018 (MSCA-IF-EF-ST)		
MSCA-IF-2018 (MSCA-IF-EF-SE)	8.00	
MSCA-IF-2018 (MSCA-IF-GF)	45.00	
Overall indicative budget	273.00	

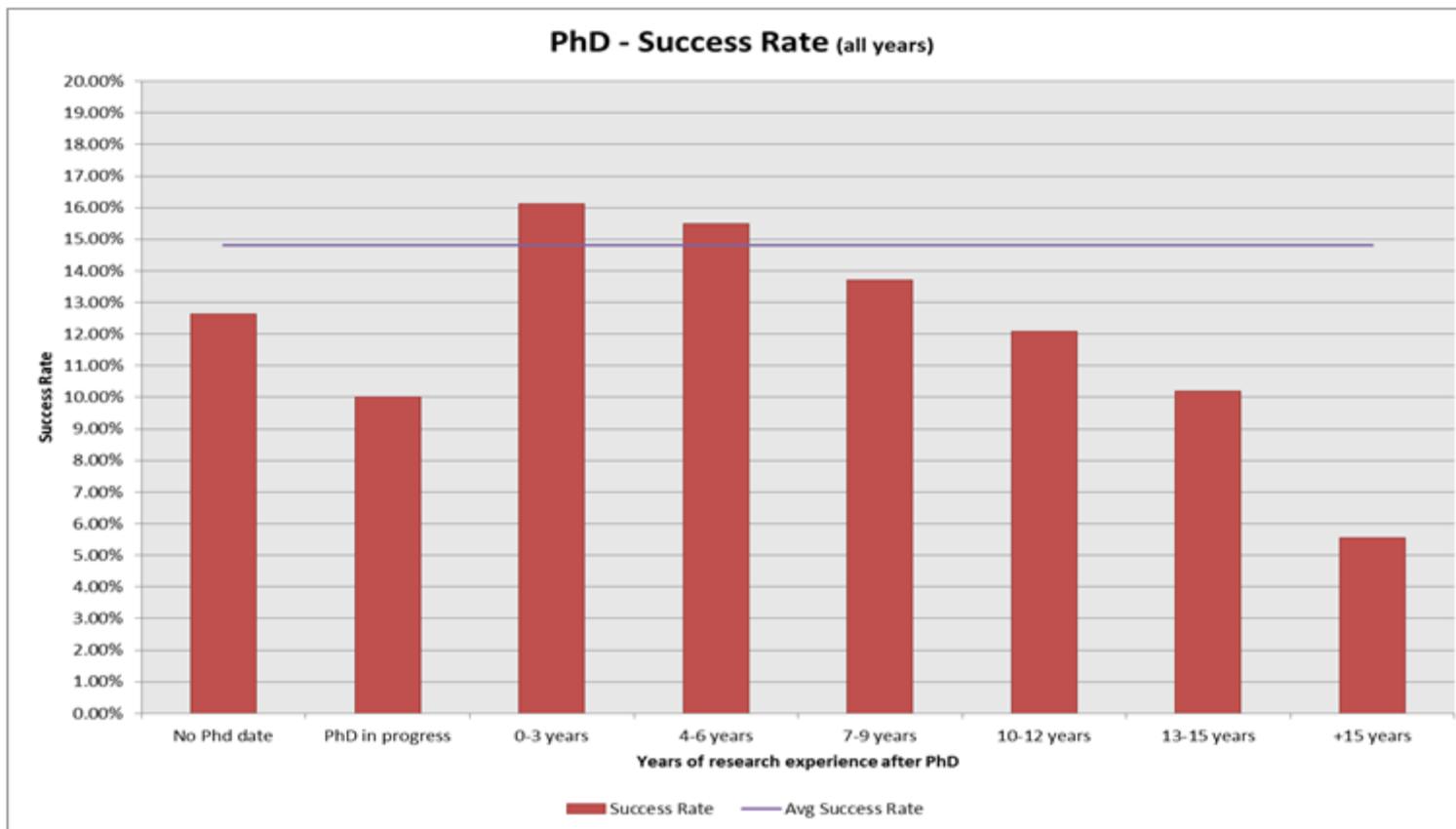
IF - Marie Skłodowska-Curie Individual Fellowships

Excellence	Impact	Quality and efficiency of the implementation
Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the future career prospects of the researcher after the fellowship	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources
Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the management structure and procedures, including risk management
Quality of the supervision and of the integration in the team/institution	Quality of the proposed measures to communicate the project activities to different target audiences	Appropriateness of the institutional environment (infrastructure)
Potential of the researcher to reach or re-enforce professional maturity/independence during the fellowship		
50%	30%	20%
Weighing		
1	2	3
Priority in case of <i>ex aequo</i>		
NB: An overall threshold of 70% will be applied to the total weighted score.		



Figures based on IF 2014, 2015 and 2016 proposals

Research Executive Agency



Figures based on IF 2014, 2015 and 2016 proposals

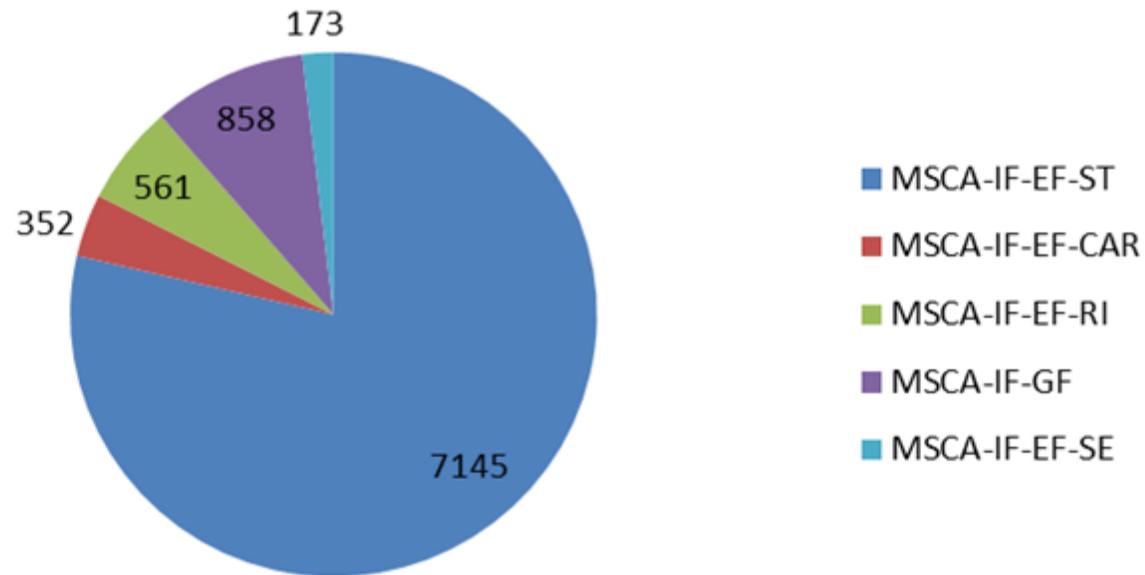
Research Executive Agency

IF 2017: Submissions



new record: 9089

Submissions per action

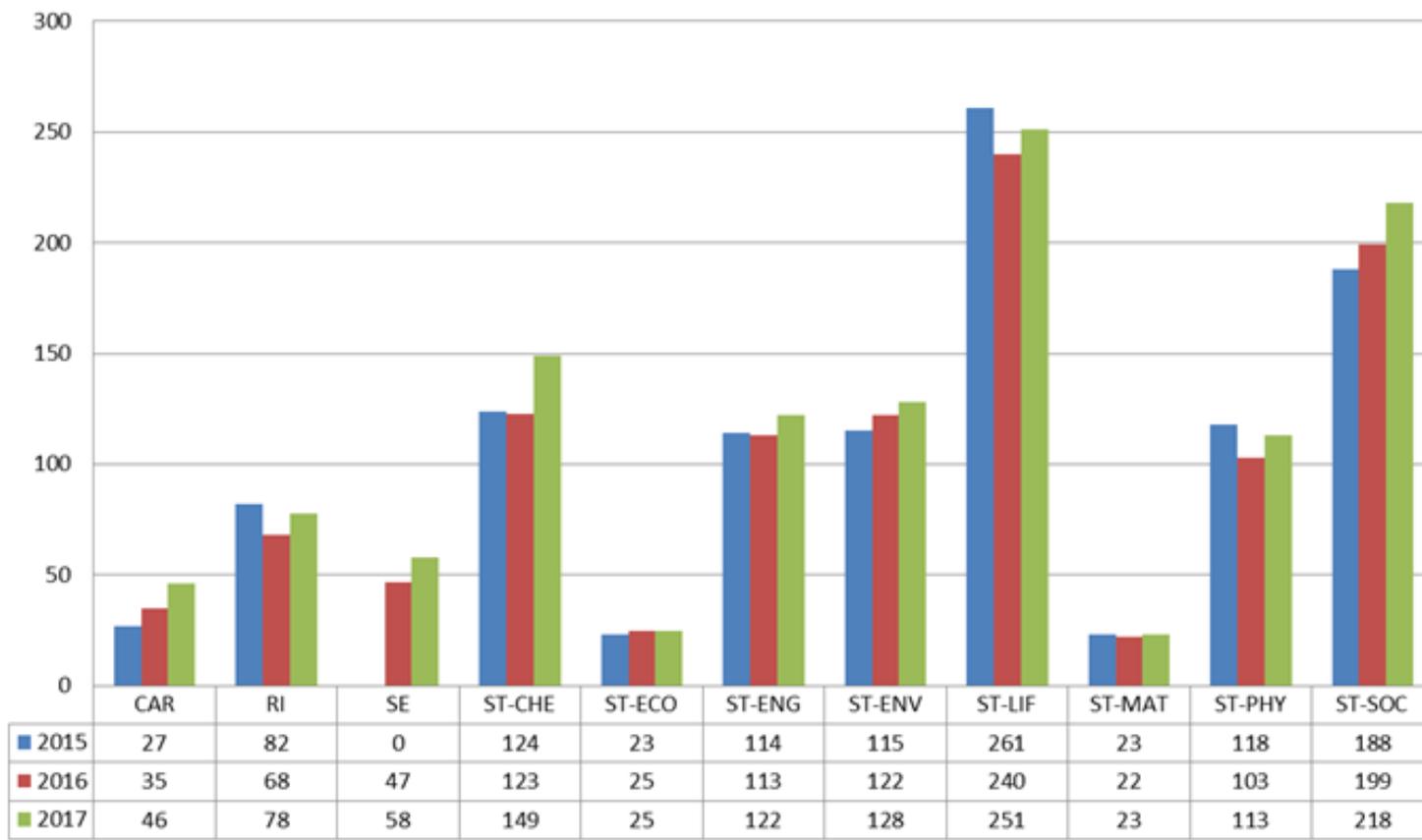


MSCA-IF-2017 : Cumulative percentage of proposals above threshold, with a given score or higher (funding range marked in green)

Number of eligible proposals	322 proposals	533 proposals	204 proposals	1012 proposals	178 proposals	850 proposals	883 proposals	1701 proposals	167 proposals	763 proposals	1511 proposals	71 proposals	21 proposals	99 proposals	124 proposals	213 proposals	8 proposals	65 proposals	232 proposals
Score equal to or above	CAR	RI	SE	ST-CHE	ST-ECO	ST-ENG	ST-ENV	ST-LIF	ST-MAT	ST-PHY	ST-SOC	GF-CHE	GF-ECO	GF-ENG	GF-ENV	GF-LIF	GF-MAT	GF-PHY	GF-SOC
100	0.00%	0.38%	0.00%	0.00%	0.56%	0.12%	0.00%	0.00%	0.60%	0.00%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.43%
99	0.31%	0.56%	0.00%	0.00%	0.56%	0.47%	0.45%	0.35%	0.60%	0.00%	0.46%	0.00%	0.00%	1.01%	0.81%	0.00%	0.00%	0.00%	0.43%
98	0.62%	0.94%	0.00%	0.20%	0.56%	1.53%	0.57%	1.06%	0.60%	0.13%	0.99%	0.00%	0.00%	2.02%	3.23%	0.00%	0.00%	0.00%	1.72%
97	1.86%	2.06%	0.49%	1.09%	0.56%	2.94%	1.02%	2.29%	1.20%	1.05%	2.51%	0.00%	0.00%	4.04%	4.03%	0.94%	0.00%	0.00%	4.74%
96	2.80%	4.32%	0.49%	2.47%	1.12%	4.59%	3.51%	4.59%	2.99%	2.10%	4.17%	4.23%	0.00%	7.07%	4.84%	2.82%	0.00%	0.00%	6.47%
95	5.28%	8.44%	1.47%	4.35%	1.12%	6.59%	5.89%	8.29%	5.39%	2.62%	5.43%	7.04%	0.00%	9.09%	5.65%	4.23%	0.00%	3.08%	10.78%
94	6.83%	12.20%	3.43%	6.92%	3.93%	8.94%	9.51%	11.58%	7.78%	4.06%	7.61%	11.27%	4.76%	11.11%	9.68%	6.57%	0.00%	4.62%	12.93%
93	9.63%	16.70%	5.88%	9.49%	6.18%	11.41%	12.34%	15.29%	9.58%	6.42%	9.86%	16.90%	4.76%	17.17%	15.32%	10.33%	12.50%	6.15%	15.09%
92	12.42%	20.26%	8.82%	12.75%	7.30%	13.06%	15.63%	18.17%	13.17%	9.70%	11.52%	21.13%	4.76%	22.22%	17.74%	14.08%	25.00%	12.31%	17.24%
91	15.22%	25.89%	9.80%	16.30%	9.55%	16.00%	19.25%	21.34%	16.17%	12.19%	14.56%	22.54%	4.76%	25.25%	22.58%	17.84%	25.00%	20.00%	19.83%
90	17.39%	29.64%	10.78%	19.07%	12.36%	18.47%	22.54%	24.93%	18.56%	16.12%	17.47%	28.17%	4.76%	32.32%	26.61%	21.60%	25.00%	23.08%	21.98%
89	18.32%	33.96%	12.75%	22.83%	14.61%	21.76%	25.59%	28.45%	22.16%	19.66%	19.66%	29.58%	4.76%	36.36%	29.84%	23.94%	25.00%	26.15%	24.57%
88	21.12%	37.90%	17.65%	27.17%	18.54%	24.94%	28.65%	32.16%	23.95%	23.98%	22.63%	32.39%	19.05%	40.40%	34.68%	27.23%	25.00%	29.23%	27.16%
87	23.60%	40.71%	20.59%	31.03%	20.22%	27.06%	32.50%	36.16%	26.95%	27.39%	25.08%	40.85%	38.10%	42.42%	41.94%	30.52%	25.00%	35.38%	30.60%
86	27.02%	43.15%	23.53%	35.18%	21.35%	30.59%	36.35%	40.21%	33.53%	33.16%	28.33%	43.66%	38.10%	43.43%	43.55%	34.27%	25.00%	38.46%	34.48%
85	30.12%	47.09%	25.98%	38.93%	23.60%	33.41%	40.43%	44.39%	39.52%	36.83%	30.64%	52.11%	52.38%	46.46%	47.58%	38.03%	25.00%	41.54%	35.34%
84	31.06%	49.16%	27.94%	42.09%	27.53%	37.41%	45.07%	47.68%	41.92%	41.42%	33.42%	52.11%	52.38%	50.51%	53.23%	39.91%	25.00%	52.31%	37.93%
83	34.16%	54.41%	29.90%	46.44%	28.65%	41.18%	49.26%	51.97%	45.51%	45.74%	36.47%	56.34%	61.90%	52.53%	58.87%	42.72%	25.00%	55.38%	39.66%
82	36.02%	55.72%	34.80%	51.09%	30.90%	43.65%	51.53%	56.32%	50.30%	49.41%	39.51%	60.56%	61.90%	56.57%	62.90%	49.30%	50.00%	58.46%	43.10%
81	39.13%	58.16%	36.27%	55.34%	32.02%	47.65%	54.25%	60.14%	52.69%	53.47%	43.15%	61.97%	66.67%	56.57%	65.32%	54.46%	62.50%	61.54%	45.69%
80	43.48%	61.16%	39.71%	60.08%	36.52%	50.12%	57.76%	63.67%	55.09%	58.72%	46.19%	61.97%	66.67%	58.59%	67.74%	58.22%	62.50%	67.69%	49.57%
79	45.96%	64.17%	43.14%	63.83%	40.45%	53.41%	60.02%	66.96%	57.49%	62.65%	48.31%	66.20%	66.67%	60.61%	70.97%	61.03%	75.00%	70.77%	53.02%
78	48.14%	67.54%	45.59%	67.19%	43.26%	56.59%	62.17%	70.14%	60.48%	66.71%	51.56%	67.61%	66.67%	61.62%	71.77%	64.32%	75.00%	75.38%	55.17%
77	51.55%	70.36%	47.55%	68.87%	45.51%	59.53%	64.44%	72.37%	62.87%	69.99%	54.00%	67.61%	71.43%	64.65%	74.19%	68.54%	75.00%	75.38%	57.76%
76	54.04%	73.73%	49.02%	70.85%	47.19%	61.41%	67.27%	74.60%	66.47%	72.35%	57.11%	70.42%	71.43%	65.66%	79.03%	72.30%	75.00%	76.92%	61.21%
75	56.52%	75.80%	51.47%	72.63%	50.00%	64.35%	69.08%	76.19%	68.26%	76.28%	59.30%	77.46%	71.43%	66.67%	79.84%	75.59%	75.00%	78.46%	65.09%
74	57.76%	77.49%	53.43%	74.70%	52.81%	66.71%	71.12%	78.07%	70.06%	78.24%	61.28%	78.87%	71.43%	67.68%	80.65%	79.34%	75.00%	80.00%	68.81%
73	59.63%	79.36%	56.37%	76.78%	53.93%	68.71%	73.16%	80.25%	70.06%	79.69%	64.39%	80.28%	71.43%	70.71%	82.26%	80.28%	75.00%	80.00%	69.40%
72	61.18%	80.68%	57.84%	78.36%	55.06%	69.65%	74.86%	82.54%	72.46%	82.18%	68.91%	81.69%	71.43%	71.72%	82.26%	82.16%	87.50%	80.00%	73.71%
71	63.98%	81.61%	59.31%	80.34%	58.43%	71.41%	77.01%	84.60%	73.05%	83.09%	68.83%	81.69%	71.43%	76.77%	82.26%	84.04%	87.50%	83.08%	74.57%
70	64.91%	82.93%	61.76%	82.61%	59.55%	73.53%	79.50%	86.48%	78.44%	85.71%	71.61%	84.51%	76.19%	79.80%	83.87%	85.92%	87.50%	84.62%	78.02%
Percentage of proposals below threshold (<70)	35.09%	17.07%	38.24%	17.39%	40.45%	26.47%	20.50%	13.52%	21.56%	14.29%	28.39%	15.49%	23.81%	20.20%	16.13%	14.08%	12.50%	15.38%	21.98%

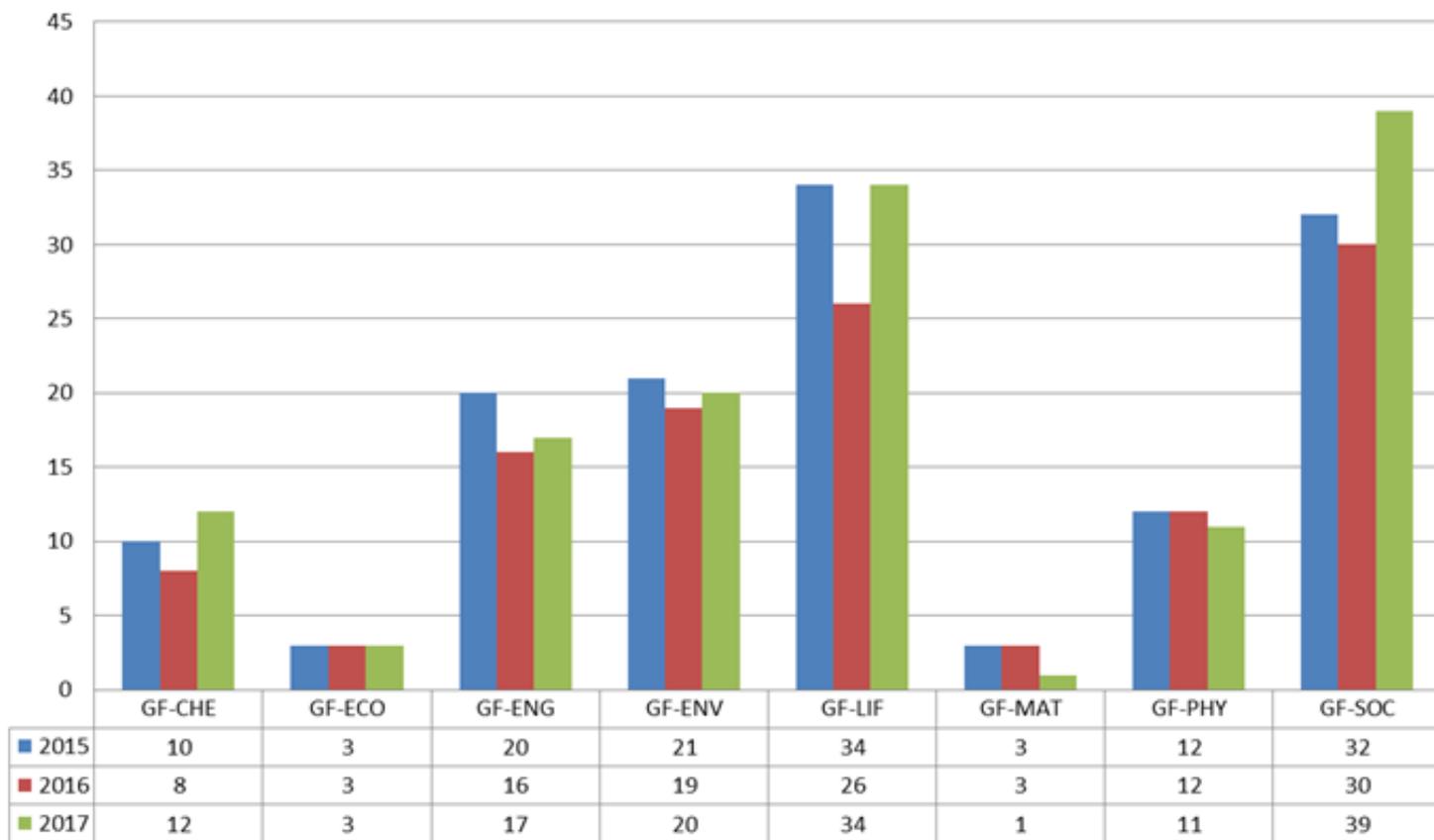


IF-EF 2017: Funded proposals per action





IF-GF 2017: Funded proposals per action



Topic Code	Panel	Number of Proposals					
		Evaluated	%	Retained for Funding	%	Success Rate	Reserve List
MSCA-IF-2017	GF-CHE	71	0,8%	12	0,9%	16,9%	3
MSCA-IF-2017	GF-ECO	21	0,2%	3	0,2%	14,3%	2
MSCA-IF-2017	GF-ENG	99	1,1%	17	1,3%	17,2%	5
MSCA-IF-2017	GF-ENV	124	1,4%	20	1,5%	16,1%	4
MSCA-IF-2017	GF-LIF	213	2,4%	34	2,5%	16,0%	7
MSCA-IF-2017	GF-MAT	8	0,1%	1	0,1%	12,5%	1
MSCA-IF-2017	GF-PHY	65	0,7%	11	0,8%	16,9%	4
MSCA-IF-2017	GF-SOC	232	2,6%	39	2,9%	16,8%	8
MSCA-IF-2017	MSCA-IF-EF-CAR	322	3,6%	46	3,4%	14,3%	13
MSCA-IF-2017	MSCA-IF-EF-RI	533	6,0%	78	5,8%	14,6%	11
MSCA-IF-2017	MSCA-IF-EF-SE	204	2,3%	58	4,3%	28,4%	12
MSCA-IF-2017	ST-CHE	1012	11,3%	149	11,1%	14,7%	29
MSCA-IF-2017	ST-ECO	178	2,0%	25	1,9%	14,0%	5
MSCA-IF-2017	ST-ENG	850	9,5%	122	9,1%	14,4%	25
MSCA-IF-2017	ST-ENV	883	9,9%	128	9,5%	14,5%	26
MSCA-IF-2017	ST-LIF	1701	19,0%	251	18,6%	14,8%	48
MSCA-IF-2017	ST-MAT	167	1,9%	23	1,7%	13,8%	5
MSCA-IF-2017	ST-PHY	763	8,5%	113	8,4%	14,8%	22
MSCA-IF-2017	ST-SOC	1511	16,9%	218	16,2%	14,4%	44
TOTAL	TOTAL	8957	100,0%	1348	100,0%	15,0%	274

EU funding for Research and Innovation 2021-2027

The new programme will be implemented through three pillars:



- The **Open Science pillar** (€25.8 billion) supports frontier research projects defined and driven by researchers themselves through the **European Research Council** (€16.6 billion), funds fellowships and exchanges for researchers through **Marie Skłodowska-Curie Actions** (€6.8 billion), and invests in world-class research infrastructures.

https://ec.europa.eu/commission/sites/beta-political/files/budget-may2018-research-innovation_en.pdf

Links

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

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COSME
Justice Programme

F77 & CIP Programmes 2007-2013
Calls
Other Funding Opportunities

Calls for Proposals

Horizon 2020 [Advanced search for topics](#)
[Calls for tenders on TED](#)

Excellent Science
 European Research Council (ERC)
 Future and Emerging Technologies (FET)
 Marie-Sklodowska-Curie Actions
 Research Infrastructures

Industrial Leadership
 Leadership in enabling and industrial technologies (LEIT)
 Information and Communication Technologies

Status Calls with forthcoming topics Calls with open topics Calls with only closed topics

Sort by Call title Call identifier Publication date FILTER

Industrial Leadership H2020-ECSEL-2016-2-IA-two-stage H2020-ECSEL-2016-2-IA-two-stage Publication date:15 March 2016	Industrial Leadership H2020-ECSEL-2016-1-RIA-two-stage H2020-ECSEL-2016-1-RIA-two-stage Publication date:15 March 2016	Societal Challenges Clean Sky 2 Call for Proposals 03 H2020-CS2-CFP03-2016-01 Publication date:10 March 2016
Societal Challenges FCH2 JU call for proposals 2016 H2020-JTI-FCH-2016-1 Publication date:19 January 2016	The European Institute of Innovation and Technology (EIT) EIT KICs Call 2016 EIT-KICS-2016 Publication date:14 January 2016	Societal Challenges H2020-JTI-IMI2-2015-08-single-stage H2020-JTI-IMI2-2015-08-single-stage Publication date:18 December 2015
Euratom Research and Training Programme 2014-2018 Prize-Innovation SOFT	Societal Challenges SESAR2020 IR-VLD Wave 1 H2020-SESAR-2015-2	Excellent Science Marie Skłodowska-Curie Innovative Training Networks

RESEARCH & INNOVATION
Marie Skłodowska-Curie actions

European Commission > Research & Innovation > Marie Skłodowska-Curie Actions

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Marie Skłodowska-Curie Actions

Welcoming researchers to Europe
Information for researchers affected by conflicts

Welcoming researchers to Europe - New! Arabic version already available!
The Marie Skłodowska-Curie actions of the EU Horizon 2020 programme are fully committed to ensuring that equal opportunities are provided to researchers whose scientific careers have been interrupted. [Read more](#)

Marie Skłodowska-Curie actions - Research Fellowship Programme

The Marie Skłodowska-Curie actions, named after the double Nobel Prize winning Polish-French scientist famed for her work on radioactivity, support researchers at all stages of their careers, irrespective of nationality. Researchers working across all disciplines, from life-saving healthcare to 'blue-sky' science, are eligible for funding. The MSCA also support industrial doctorates, combining academic research study with work in companies, and other innovative training that enhances employability and career development.

In addition to generous research funding, scientists have the possibility to gain experience abroad and in the private sector, and to complete their training with competences or disciplines useful for their careers. More information about various funding schemes and requirements for applying is available below.

Discover more about Marie Skłodowska-Curie actions fellowships [↗](#)

http://ec.europa.eu/research/mariecurieactions/index_en.htm

Links

http://cordis.europa.eu/projects/home_it.html



<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-sk%C5%82odowska-curie-actions>

Video



http://ec.europa.eu/research/mariecurieactions/media-library/videos/items/20150619-follow-marie-curie_en.htm



European Commission



Marie Skłodowska-Curie actions
A pocket guide:
Your passport to a successful research career

Education and Culture



European Commission

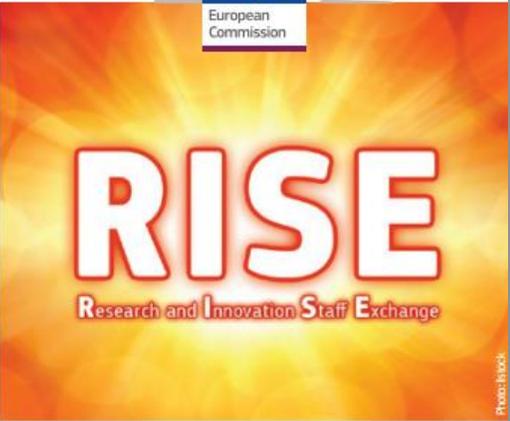


MARIE SKŁODOWSKA-CURIE ACTIONS
Your next career move!

Education & Culture



European Commission



RISE
Research and Innovation Staff Exchange



Marie Skłodowska-Curie Actions

International and/or inter-sectoral research and innovation projects delivered through exchange of staff

Research Executive Agency



European Commission



MARIE SKŁODOWSKA-CURIE ACTIONS

Bridging Business and Research

"Opportunities far and with businesses"

Education and Culture

<http://ec.europa.eu/programmes/horizon2020/en/newsroom/547>

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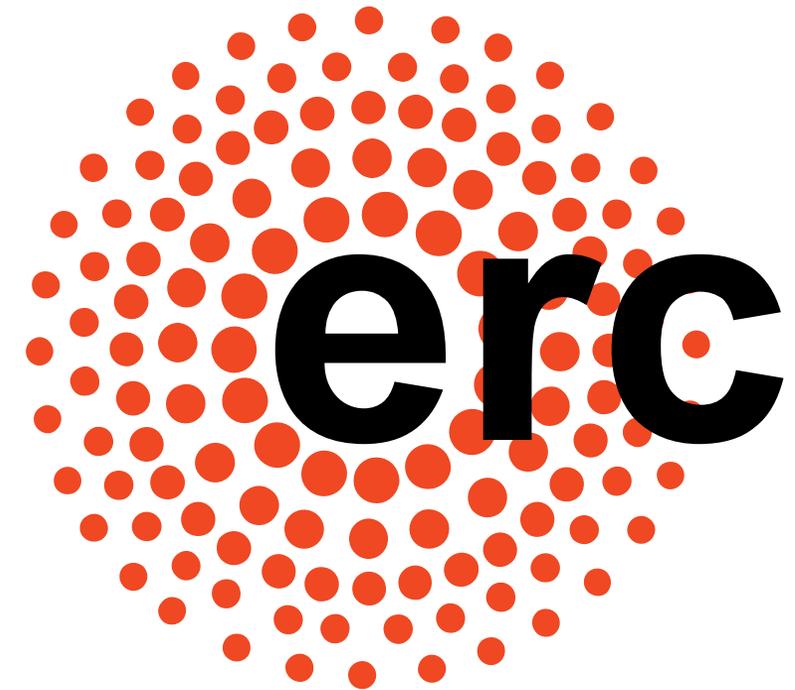
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ERC:
I bandi
Starting, Consolidator, Advanced



Angelo D'Agostino

National Contact Point Horizon 2020 - Marie Skłodowska-Curie Actions, Science with
and for Society, ERC

Horizon 2020

Excellent science

- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie actions
- European Research Infrastructures, including e-Infrastructures

Industrial leadership

- Leadership in enabling and industrial technologies
 - Information and Communication Technologies
 - Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology
- Space
- Access to risk finance
- Innovation in SMEs
 - The SME Instrument
 - The Eurostars programme

Societal challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens.

Fast Track to Innovation Pilot (2015-2016)

Spreading Excellence and Widening Participation

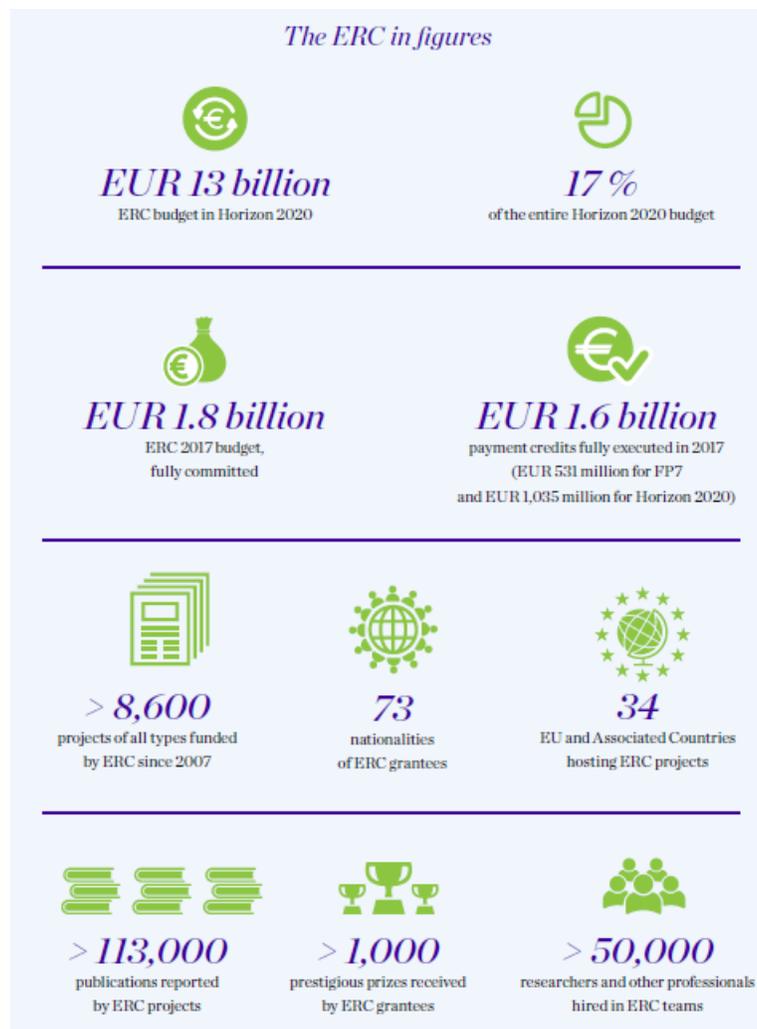
Science with and for Society

European Institute of Innovation and Technology (EIT)

18/11/2015

Euratom

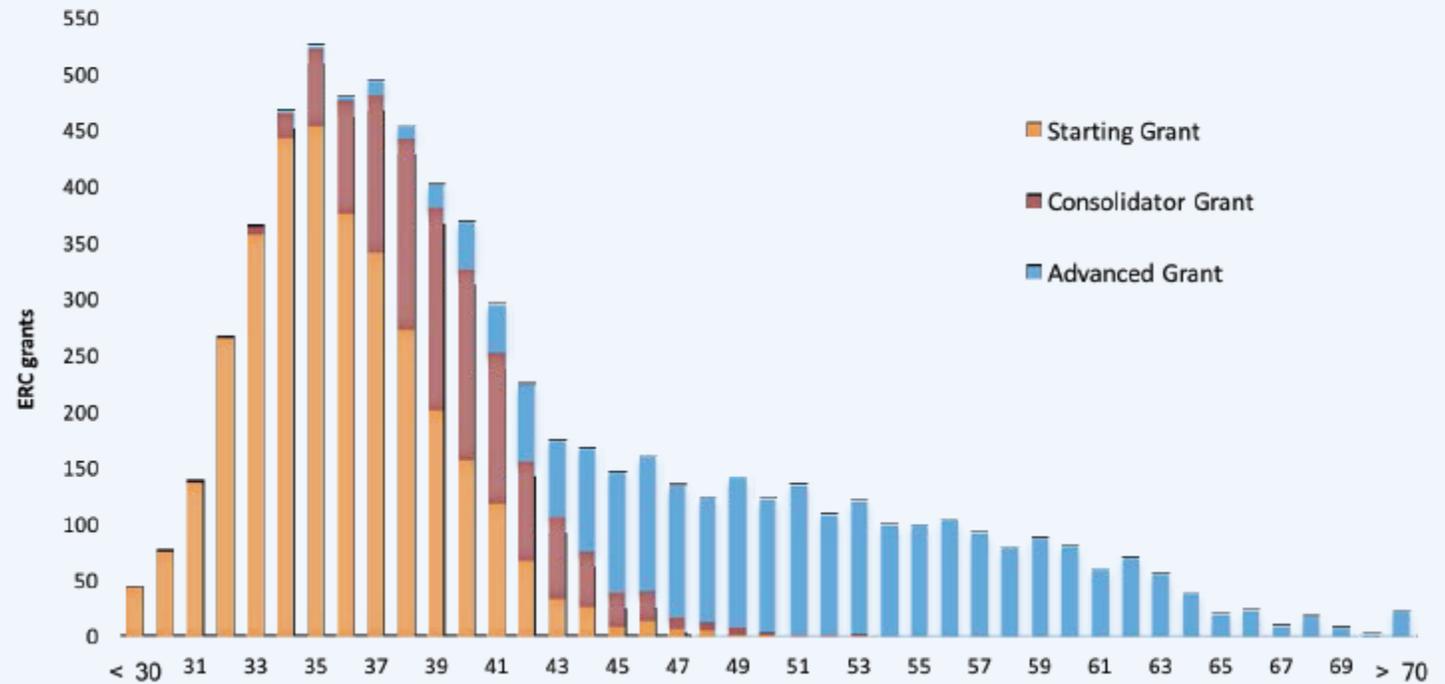
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https://erc.europa.eu/sites/default/files/document/file/erc_annual_report_2017.pdf



**Priority to young scientists:
age of ERC grantees at application
(ERC calls 2007-2016)**



Mission

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.

The **aim** here is to recognise the best ideas, and confer status and visibility on the best brains in Europe, while also attracting talent from abroad.

What is 'frontier research' ?

Today the distinction between 'basic' and 'applied' research has become blurred, due to the fact that emerging areas of science and technology often cover substantial elements of both. As a result, the term 'frontier research' was coined for ERC activities since they will be directed towards fundamental advances at and beyond the 'frontier' of knowledge

Budget

The ERC represents 17% of the overall Horizon 2020 budget (**€ 13.1 billion** of € 77 billion).

The total budget allocated to the ERC for the period 2014-2020 is € 13.1 billion. Which means, in real terms (i.e. without considering inflation), an increase of 60 % compared to FP7



**Mission: rafforzare l'eccellenza,
il dinamismo e la creatività della ricerca europea**

ERC

- to provide attractive, long-term funding to support excellent investigators and their research teams to pursue *ground-breaking, high-gain/ high-risk research*.
- Scientific excellence is the sole criterion
- Applications can be made in any field of research

Applications can be made in any field of research

- The ERC's frontier research grants operate on a 'bottom-up' basis without predetermined priorities.
- In particular, it encourages proposals of a multi- or interdisciplinary nature which cross the boundaries between different fields of research, pioneering proposals addressing new and emerging fields of research or proposals introducing unconventional, innovative approaches and scientific inventions.

Q: Must the Principal Investigator applying for an ERC Starting Grant 2018 (ERC-2018-STG) choose the appropriate ERC peer review evaluation panel for their proposal?

A: According to the conditions of the ERC Starting Grant 2018 call, the applicant must choose a primary evaluation panel and may also indicate a secondary evaluation panel. They should indicate when they believe that their proposal is of a cross-panel or cross-domain nature. In most cases the proposal will be evaluated by the primary panel indicated by the applicant. However, if the scope of a proposal does not correspond to the expertise of the primary panel, the proposal can be reallocated to another panel, if the panel chairs of the original and the new panel agree to do so.

Information for Applicants

<p>Primary ERC Review Panel*</p>	<p>[drop-down menu] Please choose the primary ERC review panel ('Targeted Review Panel') by which you would like your proposal to be evaluated. The full list of ERC review panels is in Annex 1 to the ERC Work Programme 2018.</p> <p>It is the PI's responsibility to choose the most relevant ERC panel ('primary review panel') for the evaluation of the proposed research. The initial allocation of the proposals to the various panels will be based on the expressed preference of the PI. In the case of cross-panel/cross-domain proposals the PI may indicate a 'secondary review panel'. The primary panel will then decide whether the proposal is indeed cross-panel or even cross-domain and if its evaluation requires expertise from other panels.</p> <p>Despite the initial allocation being based on the preference of the PI, when necessary due to the expertise required for the evaluation, proposals may be reallocated to different panels during the course of the peer review evaluation.</p>
<p>Secondary ERC Review Panel (if applicable)</p>	<p>[drop-down menu] You can choose a secondary ERC review panel that you consider most relevant to your proposal. The choice of a 'Secondary ERC Review Panel' is optional. The full list of ERC review panels is in Annex 1 to the ERC Work Programme 2018.</p>

Evaluation Panel Structure (WP2018)

Physical Sciences & Engineering

PE1 Mathematics

All areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics.

PE2 Fundamental Constituents of Matter

Particle, nuclear, plasma, atomic, molecular, gas, and optical physics.

PE3 Condensed Matter Physics

Structure, electronic properties, fluids, nanosciences, biological physics.

PE4 Physical and Analytical Chemical Sciences

Analytical chemistry, chemical theory, physical chemistry/chemical physics.

PE5 Synthetic Chemistry and Materials

Materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry.

PE6 Computer Science and Informatics

Informatics and information systems, computer science, scientific computing, intelligent systems.

PE7 Systems and Communication Engineering

Electrical, electronic, communication, optical and systems engineering.

PE8 Products and Processes Engineering

Product design, process design and control, construction methods, civil engineering, energy processes, material engineering.

PE9 Universe Sciences

Astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology, space science, instrumentation.

PE10 Earth System Science

Physical geography, geology, geophysics, atmospheric sciences, oceanography, climatology, cryology, ecology, global environmental change, biogeochemical cycles, natural resources management.

Life Sciences

LS1 Molecular Biology, Biochemistry, Structural Biology and Molecular Biophysics

Molecular synthesis, modification, mechanisms and interactions; biochemistry; structural biology, molecular biophysics; metabolism; signalling pathways.

LS2 Genetics, 'Omics', Bioinformatics and Systems Biology

Molecular genetics, quantitative genetics, genetic epidemiology, epigenetics, genomics, metagenomics, transcriptomics, proteomics, metabolomics, glycomics, bioinformatics, computational biology, biostatistics, systems biology.

LS3 Cellular and Developmental Biology

Cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation, stem cell biology, in plants and animals and where appropriate in microorganisms.

LS4 Physiology, Pathophysiology and Endocrinology

Organ physiology, pathophysiology, endocrinology, metabolism, ageing, tumorigenesis, cardiovascular diseases, metabolic syndromes.

LS5 Neurosciences and Neural Disorders

Neural cell function and signalling, systems neuroscience, neural bases of cognitive and behavioural processes, neurological and psychiatric disorders.

LS6 Immunity and Infection

The immune system and related disorders, biology of infectious agents and infection, biological basis of prevention and treatment of infectious diseases

LS7 Applied Medical Technologies, Diagnostics, Therapies and Public Health

Development of tools for diagnosis, monitoring and treatment of diseases, pharmacology, clinical medicine, regenerative medicine, epidemiology and public health.

LS8 Ecology, Evolution and Environmental Biology

Population, community and ecosystem ecology, evolutionary biology, behavioural ecology, microbial ecology.

LS9 Applied Life Sciences, Biotechnology and Molecular and Biosystems Engineering

Applied plant and animal sciences; food sciences; forestry; applied biotechnology; environmental and marine biotechnology; applied bioengineering; biomass; biofuels; biohazards.

Social Sciences & Humanities

SH1 Individuals, Markets and Organisations

Economics, finance and management.

SH2 Institutions, Values, Environment and Space

Political science, law, sustainability science, geography, regional studies and planning

SH3 The Social World, Diversity, Population

Sociology, social psychology, social anthropology, demography, education, communication

SH4 The Human Mind and Its Complexity

Cognitive science, psychology, linguistics, philosophy of mind.

SH5 Cultures and Cultural Production

Literature, philology, cultural studies, study of the arts, philosophy.

SH6 The Study of the Human Past

Archaeology and history.

Independent researchers

- Independent researchers of any age and career stage can apply for attractive long-term funding
- The ERC awards funding to excellent investigators looking to set up or consolidate their own independent research team or programme, as well as to already established research leaders.
- Principal Investigators from anywhere in the world can apply for an ERC grant:
 - ERC grants are open to researchers of any nationality who may reside in any country in the world at the time of the application



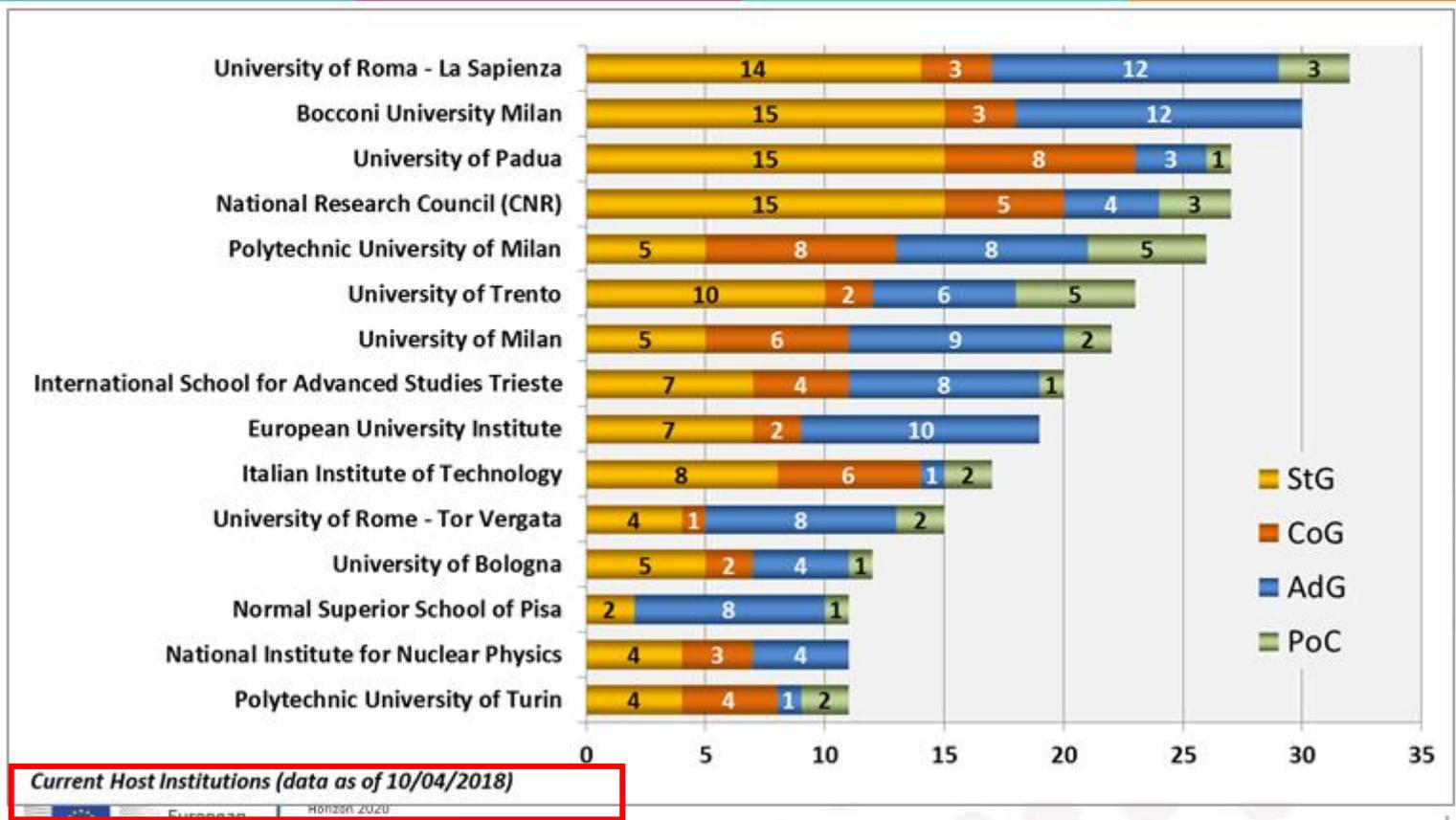
Host institution

- The host institution must be established in an EU Member State or Associated Country.
- Host institutions must provide appropriate conditions for the Principal Investigator to independently direct the research and manage its funding
- An ERC grant is awarded to the institution that engages and hosts the Principal Investigator
- The host institution must engage the Principal Investigator for at least the duration of the project
- Any type of legal entity, public or private, including universities, research organisations

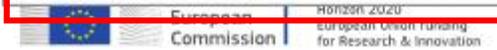
Top Host Institutions in Italy



European Research Council
Established by the European Commission



Current Host Institutions (data as of 10/04/2018)



Research teams

- The Starting, Consolidator and Advanced Grants will support projects carried out by individual teams which are headed by a single Principal Investigator.
- [ERC Synergy Grants will support small groups of two to four Principal Investigators and their teams with a designated Corresponding Principal Investigator.]
- The constitution of the research teams is flexible.

Q: Should the applicant provide the names and the Curriculum Vitae (CV) of the team members in the proposal for the ERC Consolidator Grant 2018 (ERC-2018-CoG) call?

A: The CVs of individual team members should not be included. Although, it is not mandatory to provide the names of individual team members, the proposal should describe the composition of the team that will carry out the proposed activities. Further explanations can be found in the Information for the applicants of the Starting and Consolidator 2018 Grants.

Team di ricerca: chi ne può far parte?

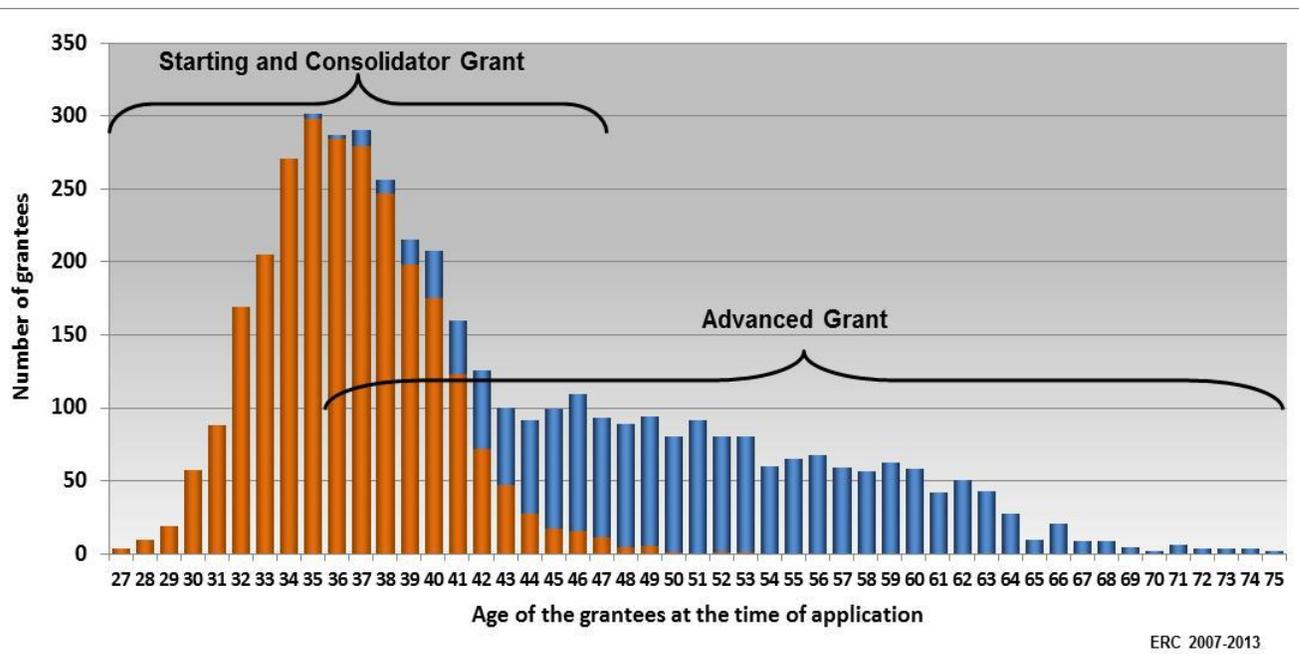
- Costituzione flessibile: post-doc, graduate and PhD students, senior researchers. No limiti di età, nazionalità e paese di residenza (**no PhD supervisor nei team di StG e CoG**)
- Composizione nazionale o trans-nazionale: team members provenienti dal gruppo di ricerca del PI/stesso Ente, ma anche da altri Enti di differenti Paesi (additional participants -> eccezione)
- Per gli additional participants: valutazione caso per caso, partecipazione giustificata e essenziale in termini di competenze e capacità scientifiche

Team vs Network

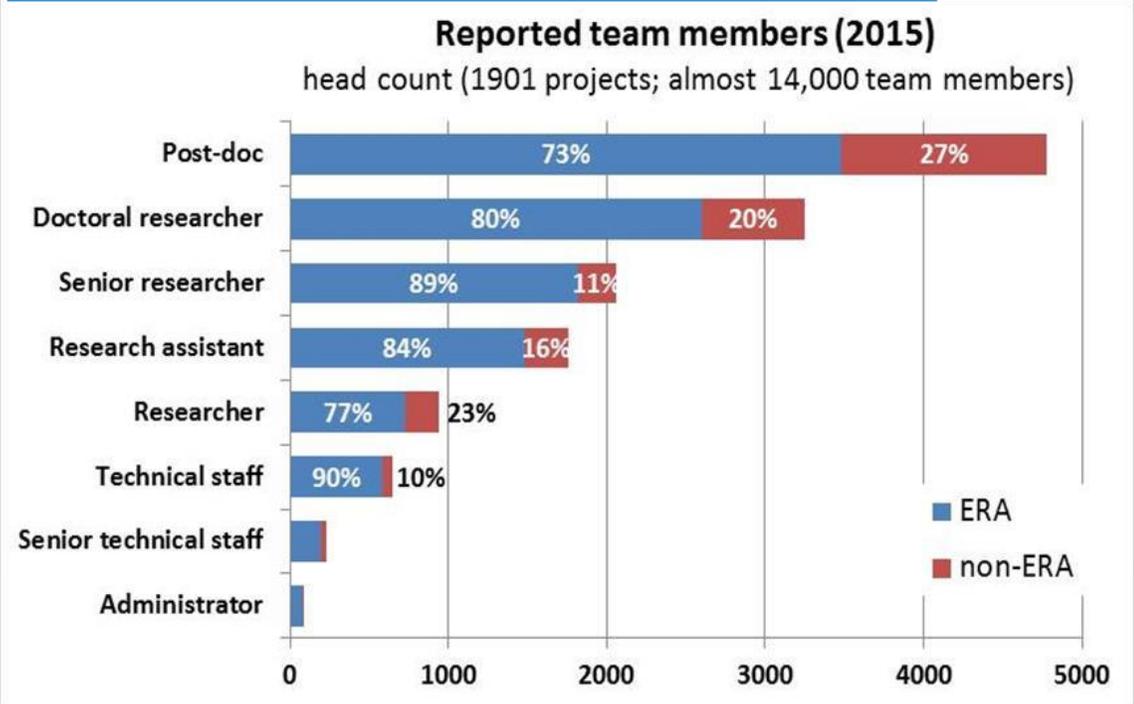
With the **focus on the PI**, the concept of individual team is fundamentally different from that of a traditional 'network' or 'research consortium'; proposals of the latter type should not be submitted to the ERC

*focus sul PI ⇒ no 'network' o 'consorzi'!
partecipazione di altri enti se necessario per fini scientifici*

Priority to Young Scientists



+ 30 000 PhD and post-doc researchers working in ERC teams.



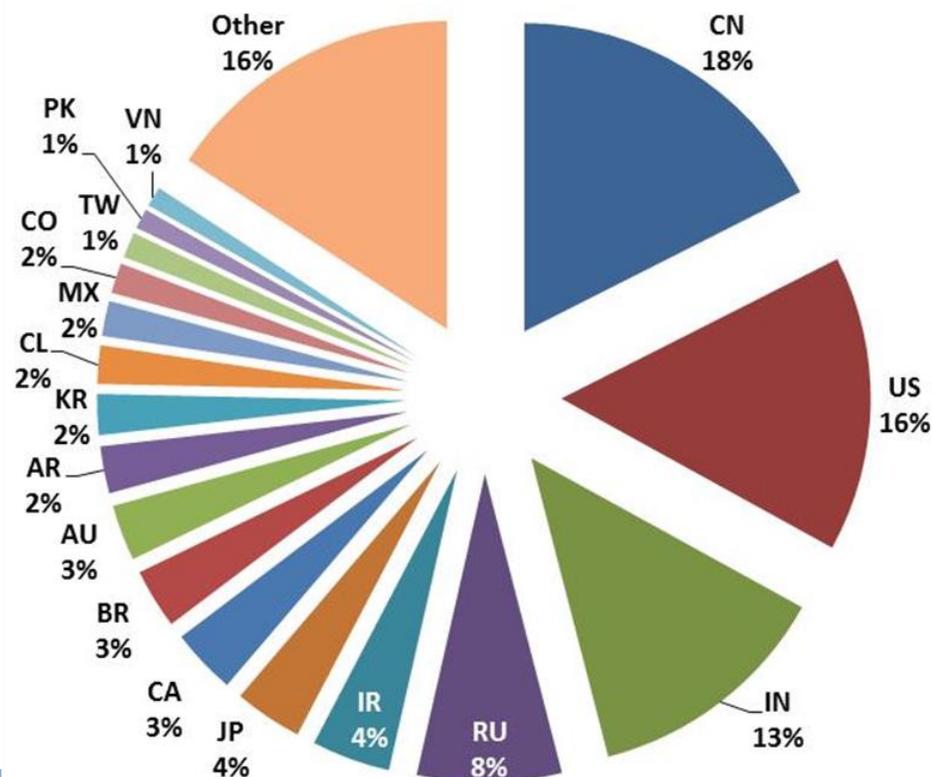
Two-thirds of ERC grants to early-stage Principal Investigators.

Attracting Researchers to Europe

Nationality of ERC project teams (PIs not included)
Analysis of 1,901 Starting and Advanced Grants

EU: 71%
Assoc. Countries: 10%
non-ERA: 17%
unknown: 2%

In all ERC grants
+ 9,000 non-ERA team members
most from
China, US, India, and Russia



Union Contribution

The Union financial contribution will take the form of the reimbursement of up to 100% of the total eligible and approved direct costs and of flat-rate financing of indirect costs on the basis of 25% of the total eligible direct costs

100%

25%

ERC FUNDING

ERC STARTING GRANTS

Grants up to 1.5€ million for 5 years

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

ERC CONSOLIDATOR GRANTS

Grants up to 2€ million for 5 years

For excellent researchers with 7 to 12 years experience after PhD

ERC ADVANCED GRANTS

Grants up to 2.5€ million for 5 years

For established research leaders with a recognised track record of research achievements

ERC PROOF OF CONCEPT

Grants up to 150.000€

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

SYNERGY GRANTS

Grants up to 10€ million for 6 years

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

Specific Eligibility Criteria

	Starting Grant	Consolidator Grant	Advanced Grant and Synergy Grant
Specific Eligibility Criteria	<p>Principal Investigator shall have been awarded his or her first PhD</p> <p>> 2 and ≤ 7 years</p> <p>prior to 1 January 2018</p> <p>Cut-off dates: PhD awarded from 1 January 2011 to 31 December 2015 (inclusive)</p>	<p>Principal Investigator shall have been awarded his or her first PhD</p> <p>> 7 and ≤ 12 years</p> <p>prior to 1 January 2018</p> <p>Cut-off dates: PhD awarded from 1 January 2006 to 31 December 2010 (inclusive)</p>	<p>none</p>

Extension of the eligibility window

- For maternity, the effective elapsed time since the award of the first PhD will be considered reduced by 18 months or if longer by the documented amount of leave actually taken for each child born **before or after** the PhD award. For paternity, the effective elapsed time since the award of the first PhD will be considered reduced by the documented amount of paternity leave actually taken for each child born **before or after** the PhD award.
- For long-term illness, clinical training or national service the effective elapsed time since the award of the first PhD¹² will be considered reduced by the documented amount of leave actually taken by the Principal Investigator for each incident which occurred **after** the PhD award.

¹² For applicants whose first eligible degree is their MD such incidents can be considered from the date of the completion of their MD degree.

Medical doctor

la specializzazione medica non vale come requisito per l'eleggibilità

- Laurea in medicina di base (MD) + PhD: conteggio canonico (vedi quanto indicato nel Work Programme ERC 2018)
- MD + “proof of appointment requiring PhD equivalence”: 4-9 anni post MD per StG, 9-14 anni post MD per CoG
- MD + “proof of appointment requiring PhD equivalence”+ PhD: 4-9 anni post MD per StG, 9-14 anni post MD per CoG

Restrictions on submission of proposals

The ERC calls are highly competitive

A Principal Investigator may submit proposals to different ERC frontier research grant calls published under the same Work Programme, but only the first eligible proposal will be evaluated.

No restrictions apply

*A Principal Investigator whose proposal was evaluated as **category A** or **category B at step 2** in the 2017 Starting, Consolidator or Advanced Grant calls may submit a proposal to the 2018 Starting, Consolidator, Advanced or Synergy Grant calls .*

Restrictions apply

*A Principal Investigator whose proposal was evaluated as **category B at step 1** in the 2017 Starting, Consolidator or Advanced Grant calls may not submit a proposal to the 2018 Starting, Consolidator or Advanced Grant calls but may submit a proposal to the 2018 Synergy Grant call.*

*A Principal Investigator whose proposal was evaluated as **category C** in the 2016 or 2017 Starting, Consolidator or Advanced Grant calls may not submit a proposal to the 2018 Starting, Consolidator or Advanced Grant calls but may submit a proposal to the 2018 Synergy Grant call.*

Restrictions on submission of proposals

Restrictions that Scientific Council intends to apply

*A Principal Investigator whose proposal was evaluated as **category B at step 1 or step 2** in the 2018 Synergy Grant call may not submit a proposal to the 2019 Synergy Grant call.*

*A Principal Investigator whose proposal was evaluated as **category C at step 1** in the 2018 Synergy Grant call may not submit a proposal to the 2019 Starting, Consolidator, Advanced or Synergy Grant calls or for the 2020 Synergy Grant call.*

All Principal Investigators whose proposal was rejected on the grounds of a breach of research integrity in the 2018 Synergy Grant call may not submit a proposal to the 2019 ERC calls.

Main calls from the 2018

	<i>Starting Grant</i>	<i>Consolidator Grant</i>	<i>Advanced Grant</i>	<i>Synergy Grant</i>	<i>Proof of Concept Grant</i>
<i>Call identifier</i>	ERC-2018-StG	ERC-2018-CoG	ERC-2018-AdG	ERC-2018-SyG	ERC-2018-PoC
<i>Call Opens</i>	03/08/2017	24/10/2017	17/05/2018	03/08/2017	06/09/2017
<i>Deadline or cut-off dates for PoC</i>	17/10/2017	15/02/2018	30/08/2018	14/11/2017	16/01/2018
					18/04/2018
					11/09/2018

ERC-Starting Grant

ERC-StG 2007-2017

ERC Call	Applications received	Of which		
		Evaluated*	Funded	Success rates (%)**
Starting Grant 2007	9,167	8,787	299	3.4
Starting Grant 2009	2,503	2,392	245	10.2
Starting Grant 2010	2,873	2,767	436	15.8
Starting Grant 2011	4,080	4,005	486	12.1
Starting Grant 2012	4,741	4,652	566	12.2
Starting Grant 2013	3,329	3,266	300	9.2
Starting Grant 2014	3,273	3,204	375	11.7
Starting Grant 2015	2,920	2,862	349	12.2
Starting Grant 2016	2,935	2,887	325	11.3
Starting Grant 2017	3,085	3,032	406	13.3
Starting Grant total	38,906	37,854	3,787	11.1

Starting Grant profile

Objectives

- ERC Starting Grants are designed to support excellent Principal Investigators at the career stage at which they are starting their own independent research team or programme.
- Applicant Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal

ERC Starting Grants

Starting Grants may be awarded up to a maximum of EUR 1 500 000 for a period of 5 years

Profile of the ERC Starting Grant Principal Investigator

- The Principal Investigator shall have been awarded their first PhD **at least 2 and up to 7 years prior to 1 January 2018**
- 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.

Early achievements track record

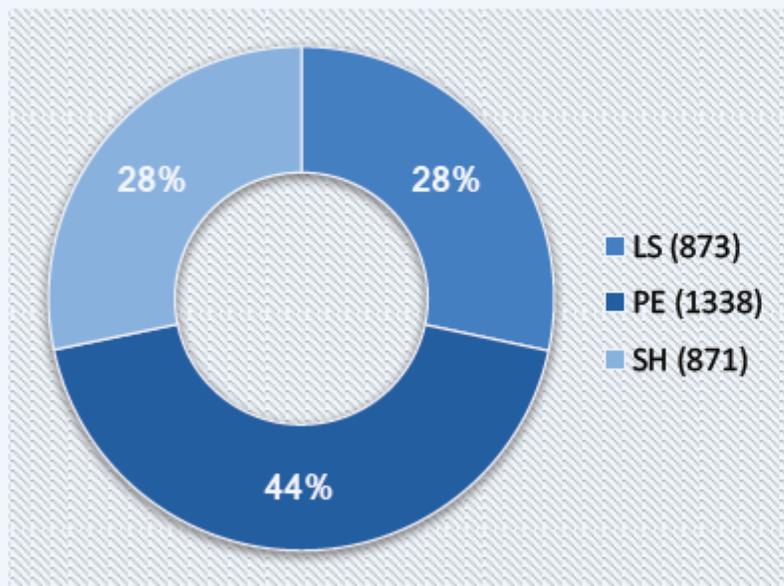
- 1. Up to five publications in major international peer-reviewed multi-disciplinary scientific journals and/or in the leading international peer-reviewed journals, peer-reviewed conferences proceedings and/or monographs of their respective research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor (properly referenced, field relevant bibliometric indicators may also be included);*
- 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.*

Expected time commitment

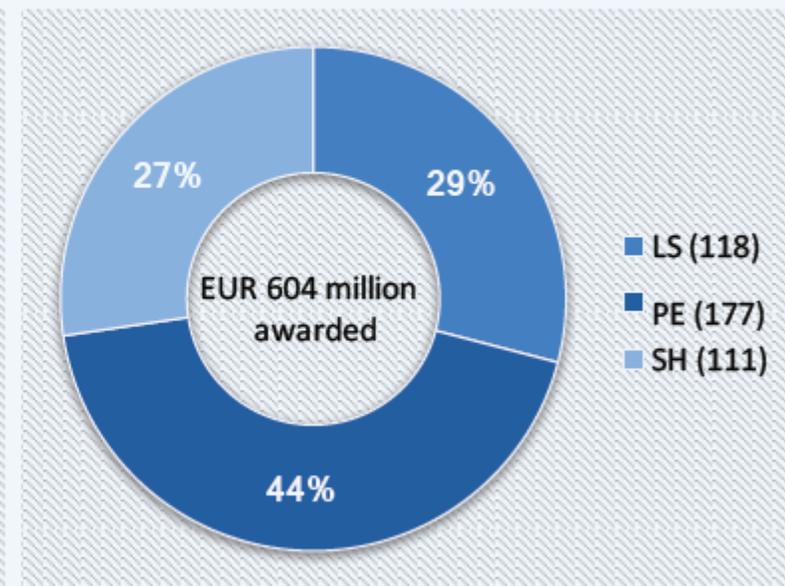
- The question of whether the Principal Investigator is strongly committed to the project and demonstrates the willingness to devote a significant amount of time to the project forms a key part of the evaluation.
- Principal Investigators funded through the ERC Starting Grants shall spend a **minimum of 50%** of their total working time in an **EU Member State or Associated Country** and a **minimum of 50%** of their total working time on the **ERC project**.



Starting Grant 2017 - Submitted proposals



Starting Grant 2017 - Funded projects



STG 2017 Results



European Research Council
Established by the European Commission

	Evaluated Step 1	Evaluated Step 2	Main list	Success rate	Success rate	
					M	F
Physical Sciences and Engineering	1321	405	177	13.4 %	12.8 %	15.0 %
Life Sciences	853	274	118	13.8 %	13.2 %	14.6%
Social Sciences and Humanities	858	238	111	12.9 %	11.8 %	14.0 %
Total	3032	917	406	13.4 %	12.7%	14.5%

Commission for Research & Innovation

ERC Starting Grant 2017

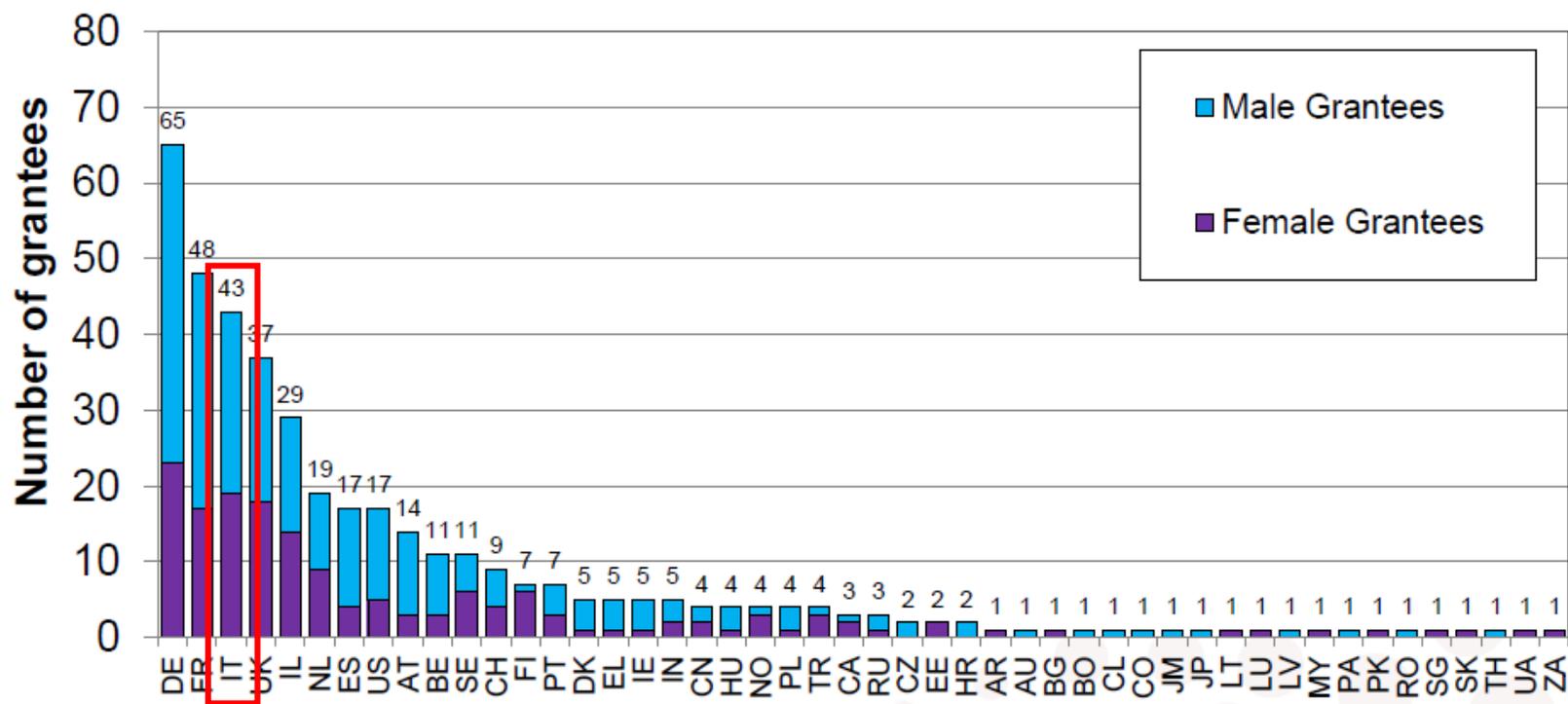
Grantees by nationality and gender

Total 406 grants



European Research Council
Established by the European Commission

48 nationalities



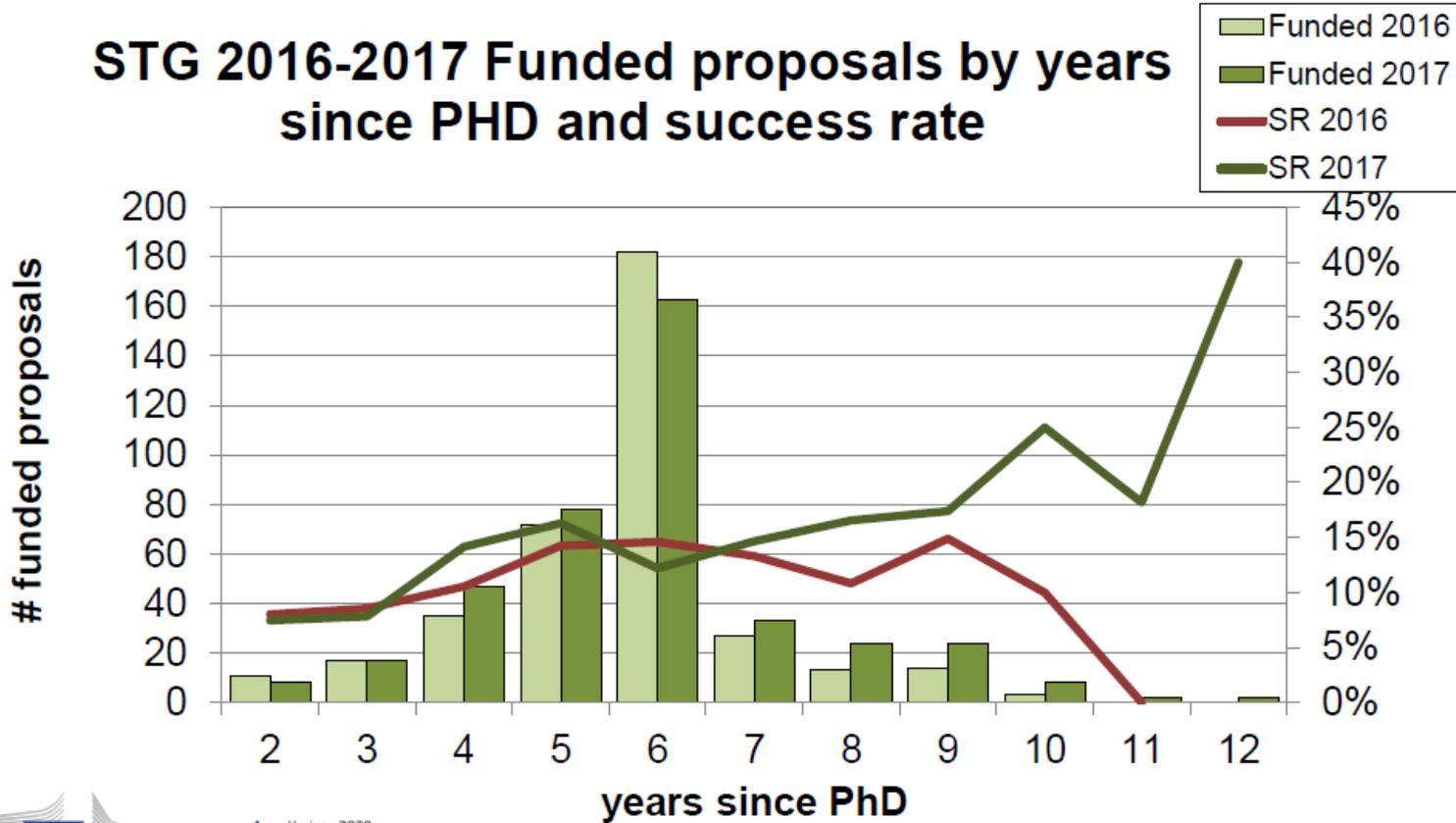
Grantees nationality

STG 2016-2017 Years passed PhD with success rate



European Research Council
Established by the European Commission

STG 2016-2017 Funded proposals by years since PHD and success rate



Status / Overview: StG 2018



European Research Council
Established by the European Commission

- Call closed 17 October 2017
- Final number of submitted proposals – 3170 (3% more than StG 2017- 3082)
- Budget: 581 M€
- Expect to fund: ~391 proposals
- Step 1 meetings in March
- Step 2 meetings in end of May- June

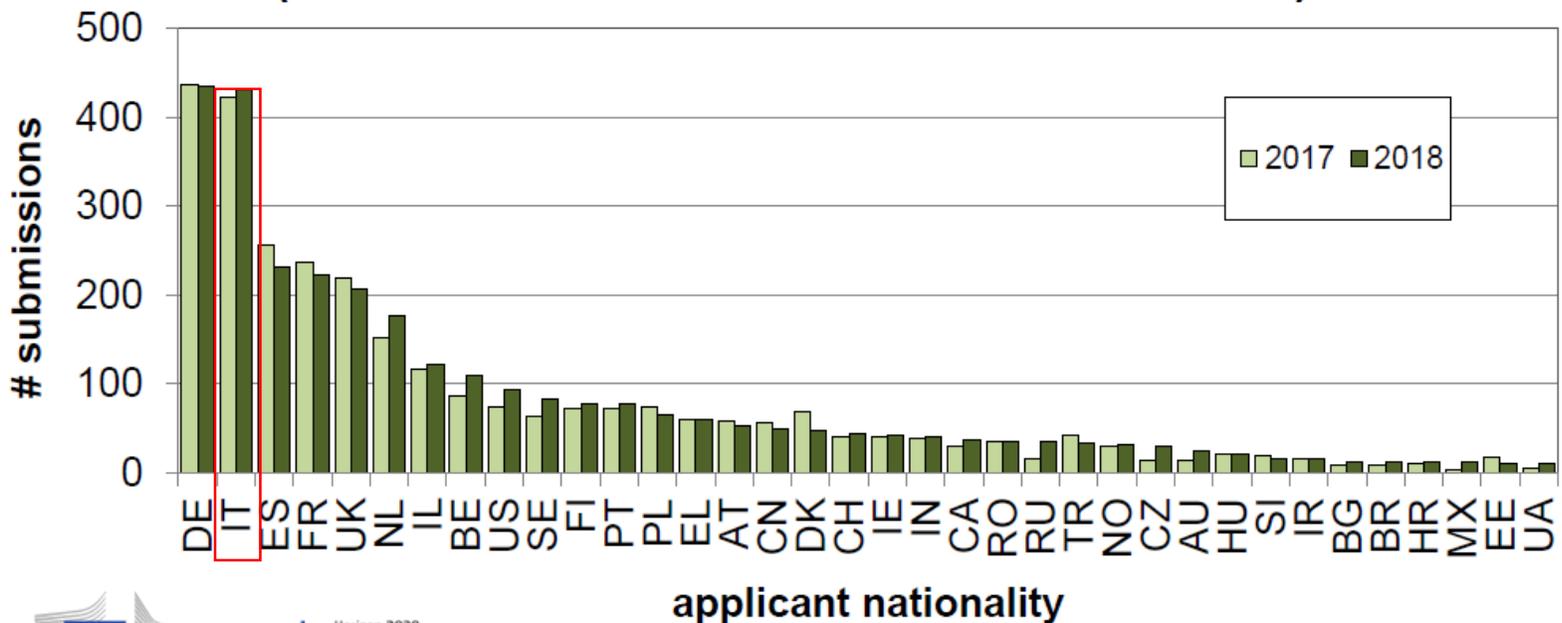
STG 2017-2018

Submissions by applicant nationality



European Research Council
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STG 2017-2018 Submissions by applicant nationality (all nationalities with 10 or more in 2018)



European Commission

Horizon 2020
European Union funding
for Research & Innovation

STG 2018- overview proposals received



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	Submissions	% submissions in domain
Physical Sciences and Engineering	1341	42 %
Life Sciences	918	29 %
Social Sciences and Humanities	911	29 %
Total	3170	100 %

ERC-Consolidator Grant

ERC-CoG 2013-2016

ERC Call	Applications received	Of which		
		Evaluated*	Funded	Success rates (%)**
Consolidator Grant 2013	3,673	3,604	313	8.7
Consolidator Grant 2014	2,528	2,485	371	14.9
Consolidator Grant 2015	2,051	2,023	302	14.9
Consolidator Grant 2016	2,305	2,274	314	13.8
Consolidator Grant total	10,557	10,386	1,300	13.1

Consolidator Grant profile

Objectives

- ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme.
- Applicant Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

ERC Consolidator Grants

Consolidator Grants may be awarded up to a maximum of EUR 2 000 000 for a period of 5 years

Profile of the ERC Consolidator Grant PI

The Principal Investigator shall have been awarded their first PhD **over 7 and up to 12** years prior to 1 January 2018.

- A competitive Consolidator Grant Principal Investigator must have already shown research independence and evidence of maturity, for example by having produced **several important publications 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.

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 may also be included);*
- 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.*

Expected time commitment

Principal Investigators funded through the ERC Consolidator Grants shall spend a minimum of 50% of their total working time in an EU Member State or Associated Country and a minimum of 40% of their total working time on the ERC project

Information for Applicants

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.**

A competitive **Consolidator Grant** Principal Investigator must have already shown research independence and evidence of maturity, for example by having produced **several important publications as main author or without the participation of their PhD supervisor.**

ERC Consolidator Grant 2017 Submitted and selected proposals by domain



European Research Council
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	Submitted Proposals	Selected Proposals
Life Sciences	778	101
Physical Sciences and Engineering	1149	151
Social Sciences and Humanities	611	77
Total	2538	329

Success rate ~ 13 %

ERC Consolidator Grants 2017

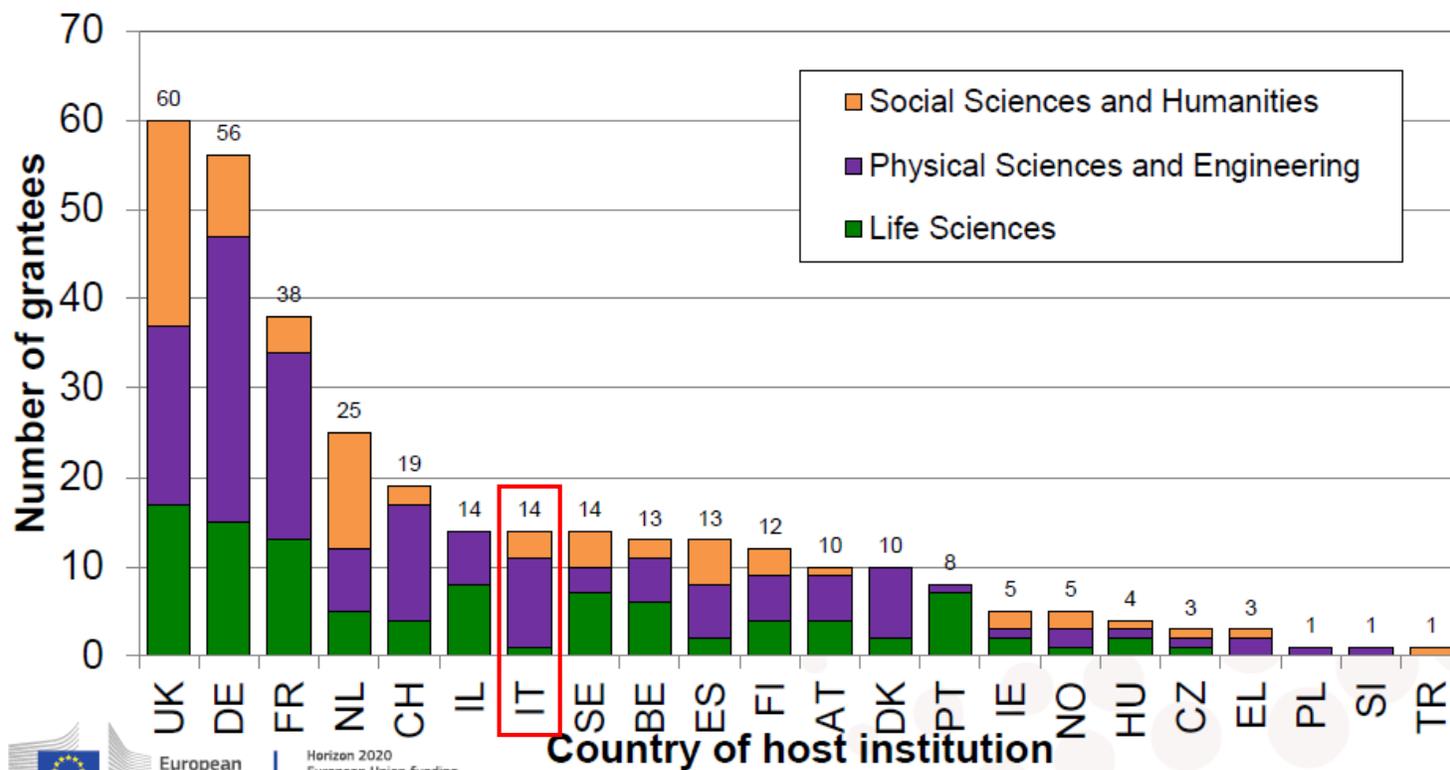
Grantees by country of host institution & domain

Total 329 grants



European Research Council
Established by the European Commission

22 countries



| 3

ERC Consolidator Grant 2017

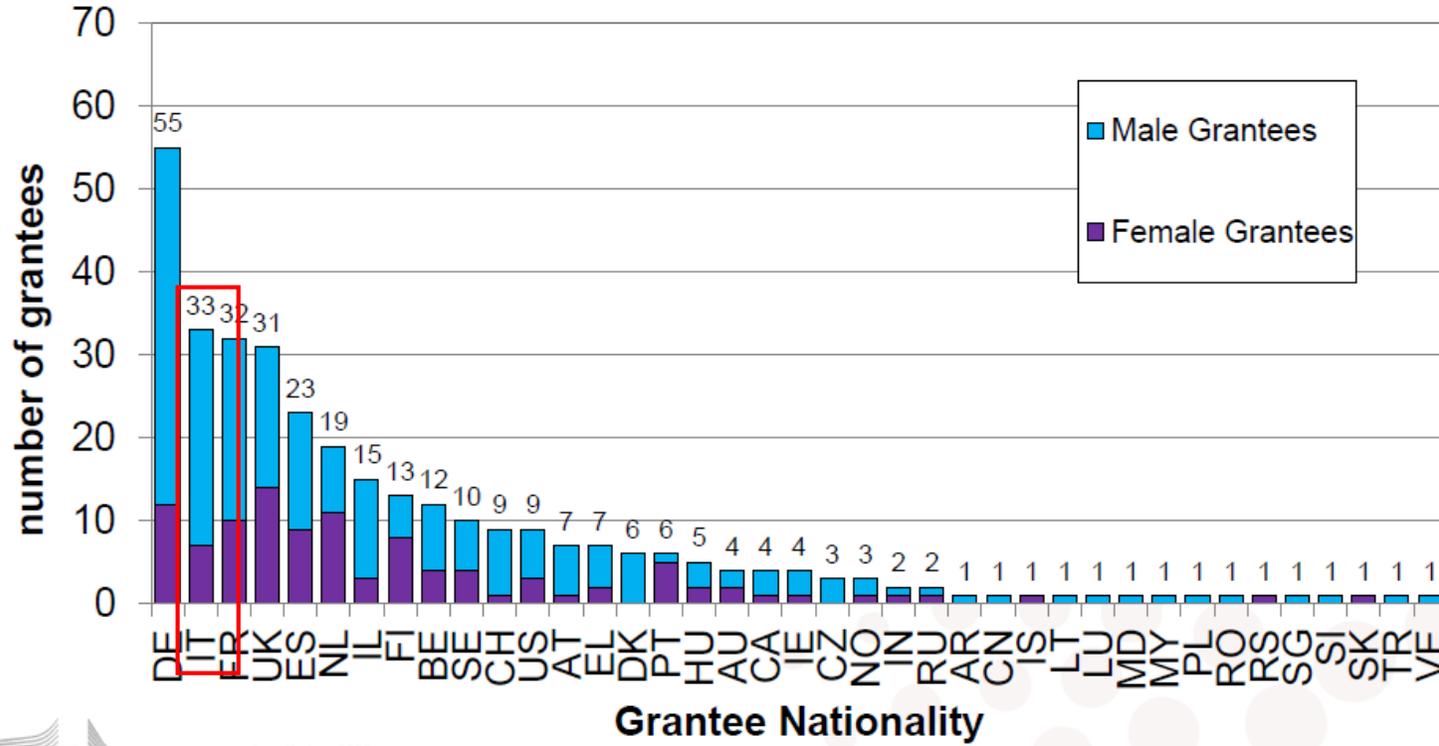
Grantees by nationality and gender

Total 329 grants



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39 nationalities



ERC Consolidator Grant 2017

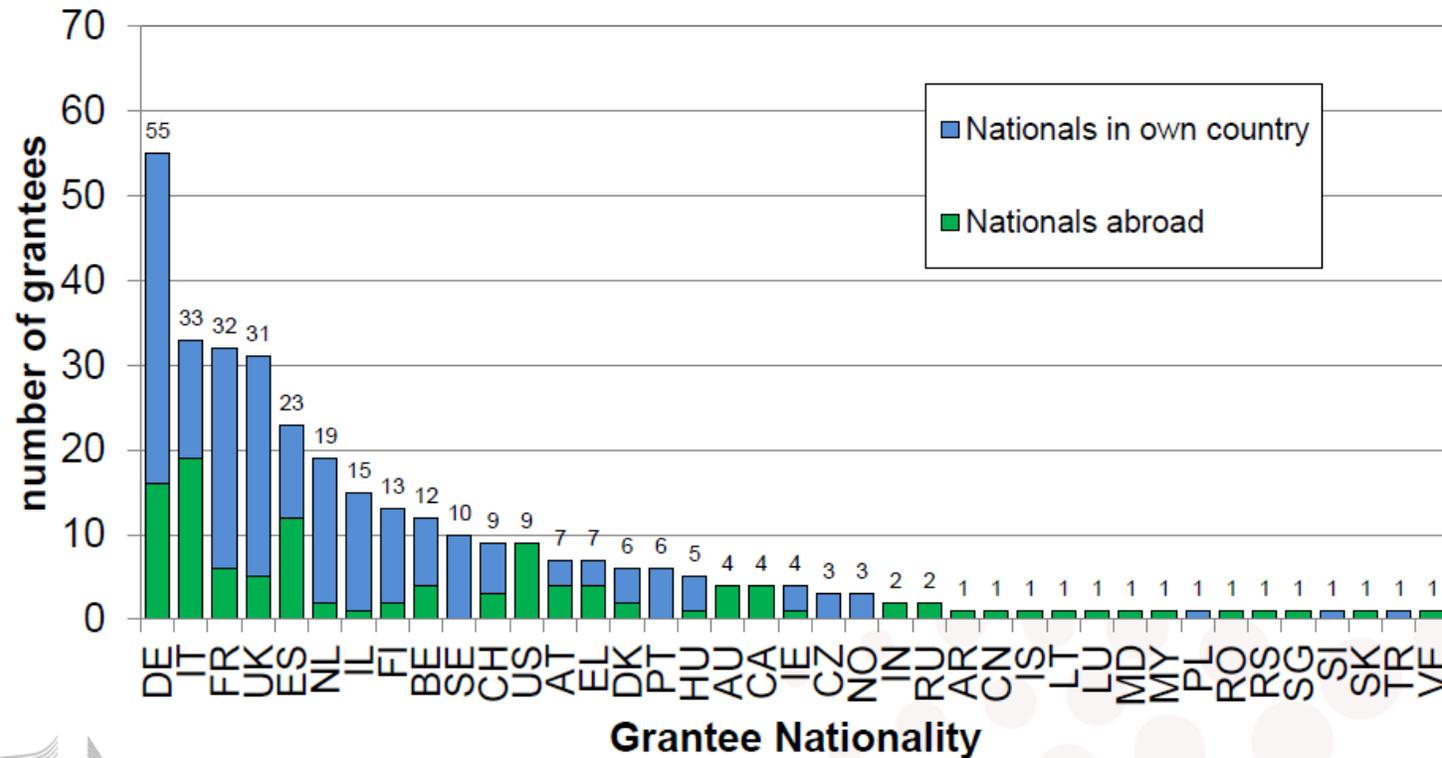
Nationals in own country and abroad

Total 329 grants



European Research Council
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39 nationalities



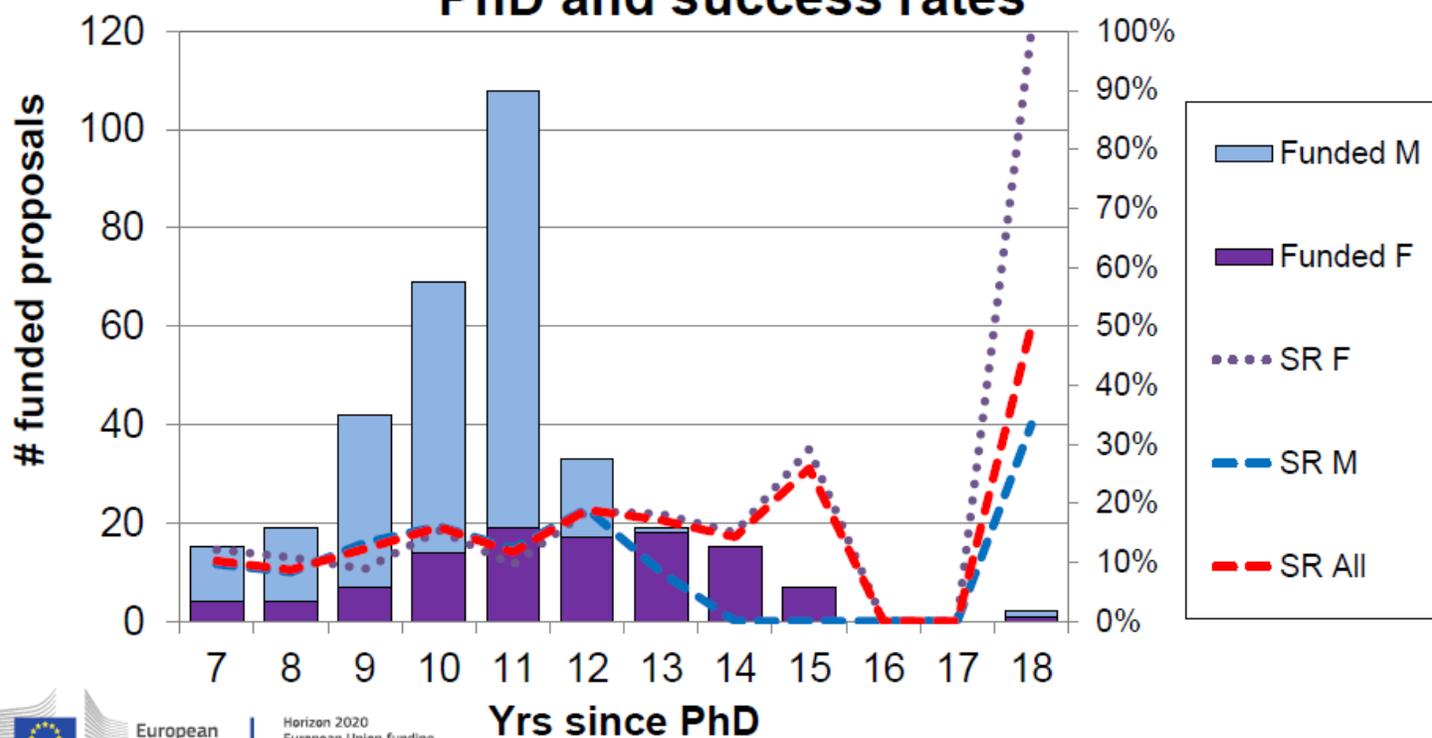
COG 2017 Results

Years passed PhD with success rates



European Research Council
Established by the European Commission

COG 2017 funded proposals by years since PhD and success rates



COG 2017 Reapplications



European Research Council
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- 1309 reapplications (52% of submissions) including 228 reapplying grantees
- 17.6 % success rate vs 13.2 % for the call
- ~ 70 % of those funded have previously applied (with one or several applications)

ERC-Advanced Grant

ERC-AdG 2008-2016

ERC Call	Applications received	Of which		
		Evaluated*	Funded	Success rates (%)**
Advanced Grant 2008	2,167	2,034	282	13.9
Advanced Grant 2009	1,584	1,526	245	16.1
Advanced Grant 2010	2,009	1,967	271	13.8
Advanced Grant 2011	2,284	2,245	301	13.4
Advanced Grant 2012	2,304	2,269	319	14.1
Advanced Grant 2013	2,408	2,363	291	12.3
Advanced Grant 2014	2,287	2,250	192	8.5
Advanced Grant 2015	1,953	1,927	277	14.4
Advanced Grant 2016	2,404	2,373	231	9.7
Advanced Grant total	19,400	18,954	2,409	12.9

Advanced Grant profile

Objectives

- Advanced Grants are designed to support excellent Principal Investigators at the career stage at which they are already established research leaders with a recognised track record of research achievements.
- Applicant Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

ERC Advanced Grants

Advanced Grants may be awarded up to a maximum of EUR 2 500 000 for a period of 5 years

Profile of the ERC Advanced Grant Principal Investigator

- ERC Advanced Grant Principal Investigators are expected to be active researchers and to have a track record of significant research achievements **in the last 10 years** which must be presented in the application.
- A competitive Advanced Grant Principal Investigator must have already shown a record which identifies them as an **exceptional leader** in terms of originality and significance of their research contributions.

Profile of the ERC Advanced Grant Principal Investigator

Principal Investigators of Advanced Grant proposals will be expected to demonstrate a record of achievements appropriate to the field and at least matching one or more of the following benchmarks:

- 10 publications as main author (or in those fields where alphabetic order of authorship is the norm, joint author) in major international peer-reviewed multidisciplinary scientific journals, and/or in the leading international peer-reviewed journals and peer-reviewed conferences proceedings of their respective field;
- 3 major research monographs, of which at least one is translated into another language. This benchmark is relevant to research fields where publication of monographs is the norm (e.g. humanities and social sciences).

Other alternative benchmarks that may be considered (individually or in combination) as indicative of an exceptional record and recognition in the last 10 years:

- 5 granted patents;
- 10 invited presentations in well-established internationally organised conferences and advanced schools;
- 3 research expeditions led by the applicant Principal Investigator;
- 3 well-established international conferences or congresses where the applicant was involved in their organisation as a member of the steering and/or organising committee;
- International recognition through scientific or artistic prizes/awards or membership in well-regarded Academies or artefact with documented use (for example, architectural or engineering design, methods or tools);
- Major contributions to launching the careers of outstanding researchers;
- Recognised leadership in industrial innovation.

Ten-year track record

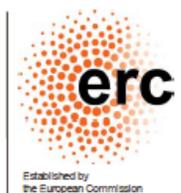
1. *Up to ten representative publications, from the last ten years, as main author (or in those fields where alphabetic order of authorship is the norm, joint author) in **major international peer-reviewed multi-disciplinary scientific journals** and/or in the **leading international peer-reviewed journals and peer-reviewed conference proceedings** of their respective research fields (properly referenced, field relevant bibliometric indicators may also be included);*
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 leadership in industrial innovation or design.*

Expected time commitment

Principal Investigators funded through the ERC Advanced Grants shall spend a minimum of 50% of their total working time in an EU Member State or Associated Country and a minimum of 30% of their total working time on the ERC project.

ERC Advanced Grants 2016 Submitted and selected proposals by domain

European Research Council



	Submitted Proposals	Selected Proposals
Life Sciences	746	73
Physical Sciences and Engineering	1096	108
Social Sciences and Humanities	562	50
Total	2404	231

Success rate ~ 9.6 %



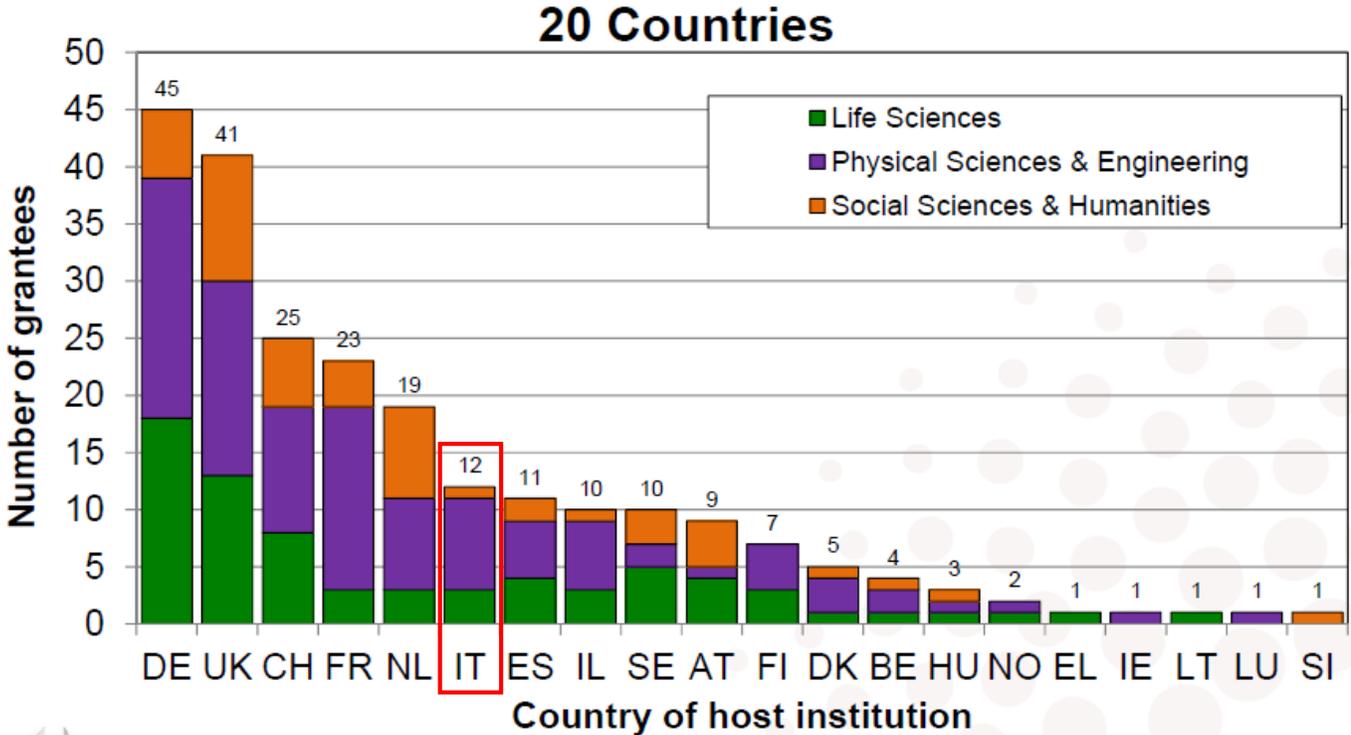
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ERC Advanced Grants 2016

Grantees by Country of Host Institution & domain

Total 231 grants



ERC Advanced Grant 2016

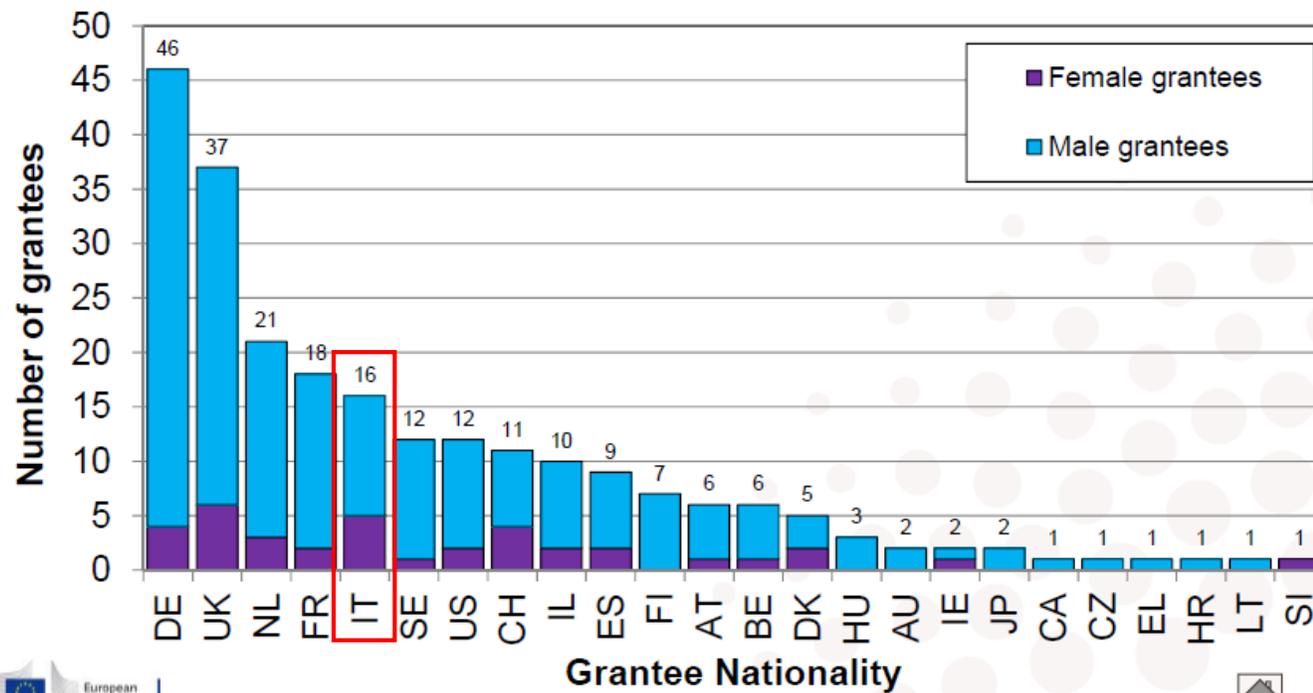
Grantees by nationality and gender

Total 231 grants

European Research Council



24 Nationalities



| 4

ERC Advanced Grant 2016

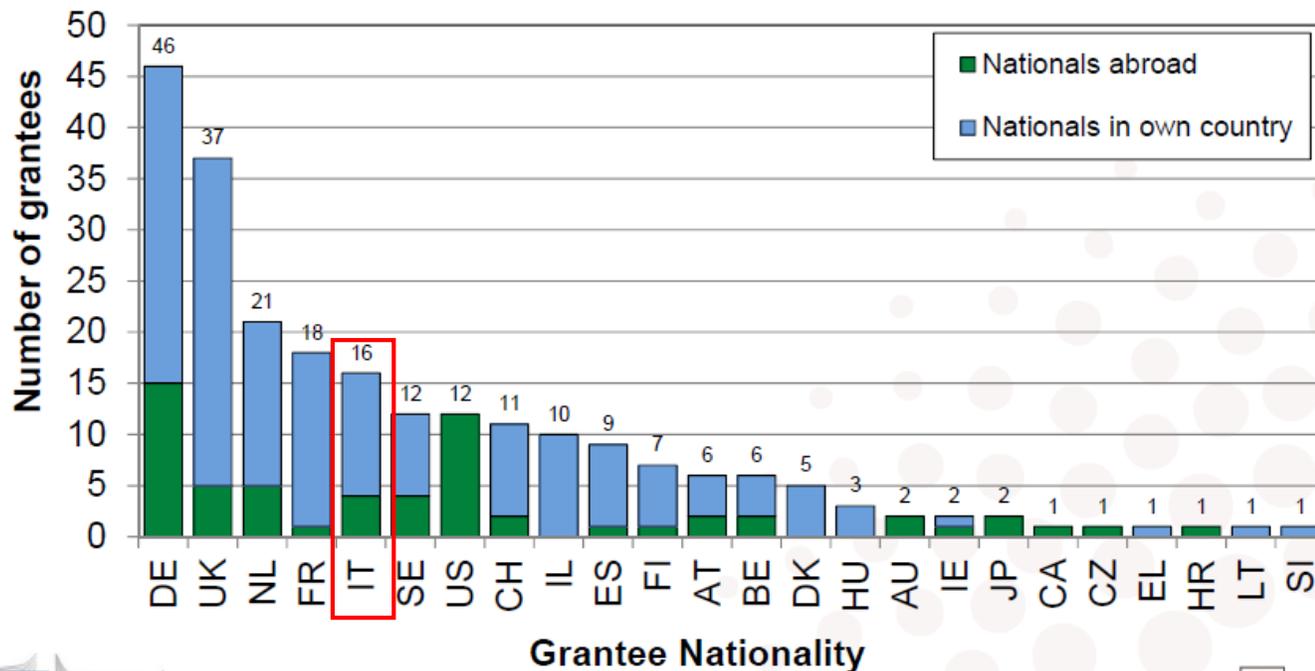
Nationals in own country and abroad

Total 231 grants

European Research Council



24 Nationalities



| 5

AdG 2016-2017

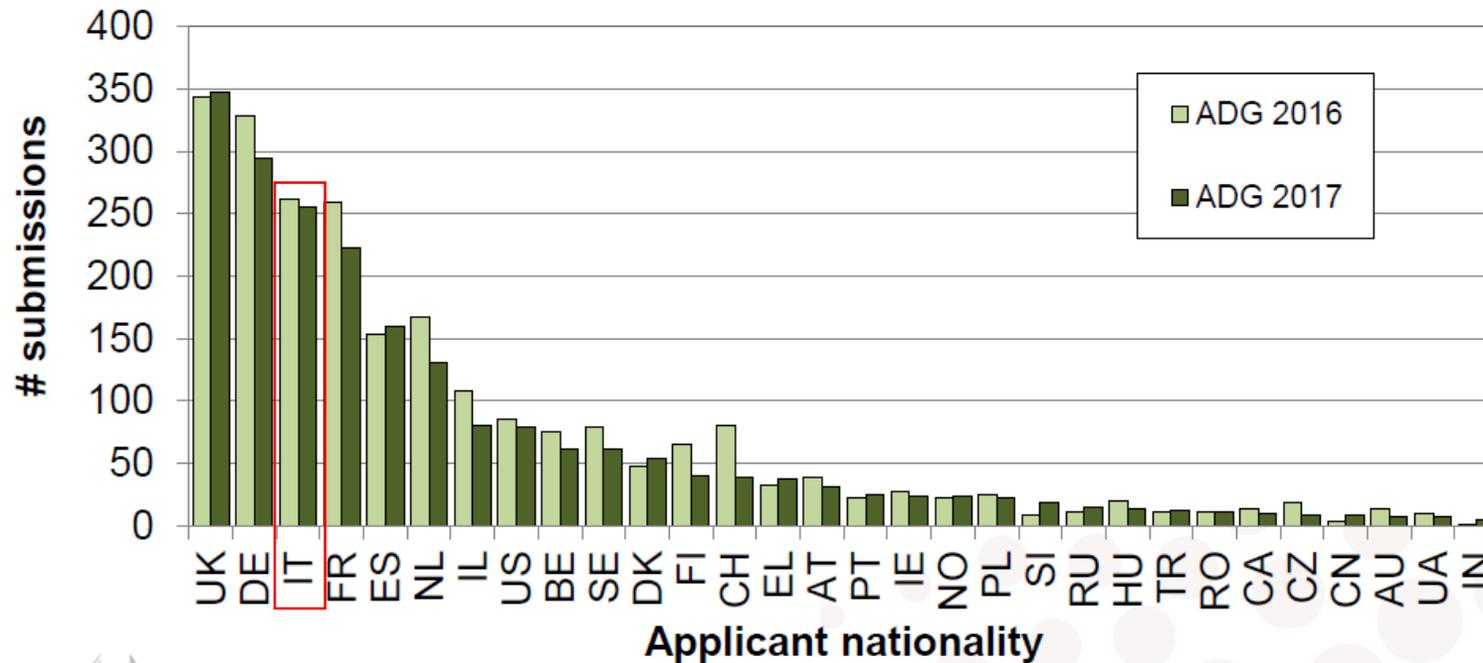
Applicant Nationality

(At least 5 applicants in 2017)



European Research Council
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AdG 2016-2017 submissions by applicant nationality



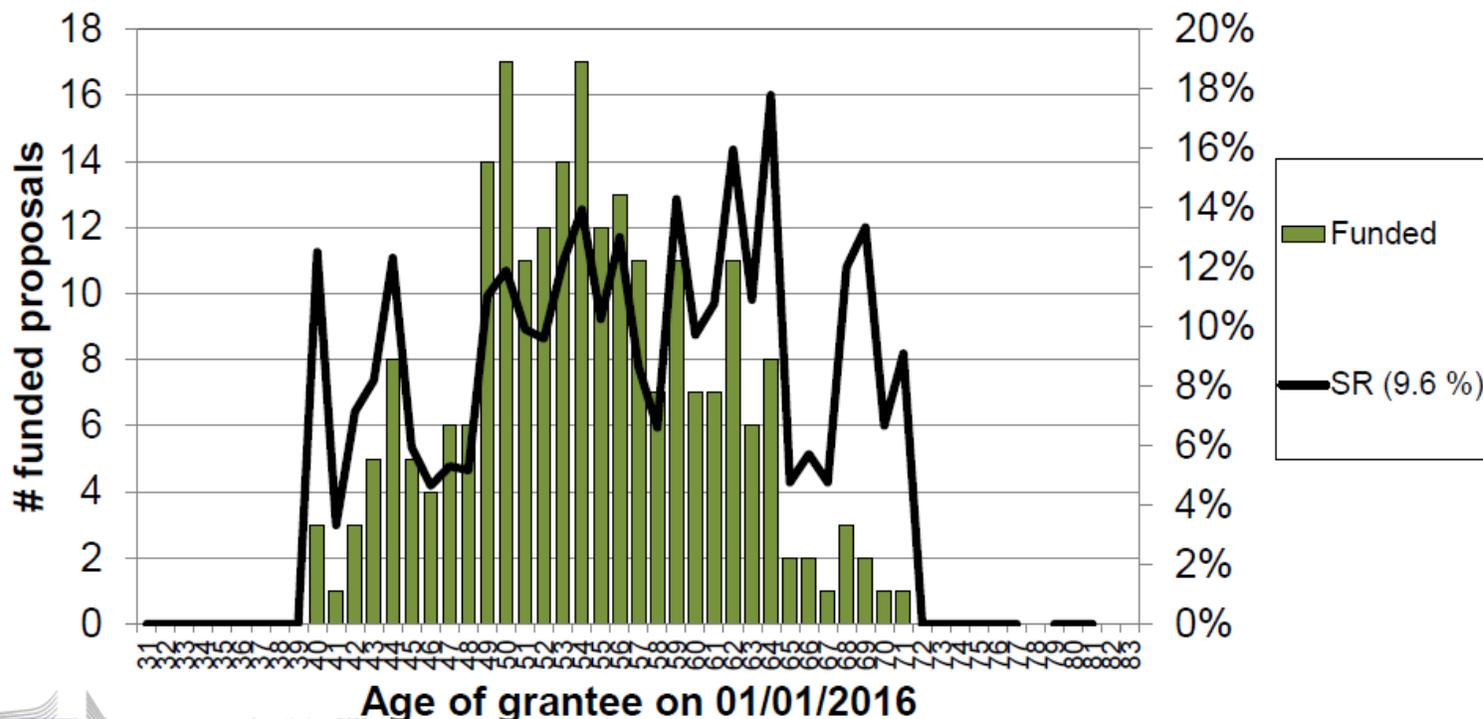
AdG 2016

Age of grantees vs success rate



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ADG 2016 Age of grantees with success rate



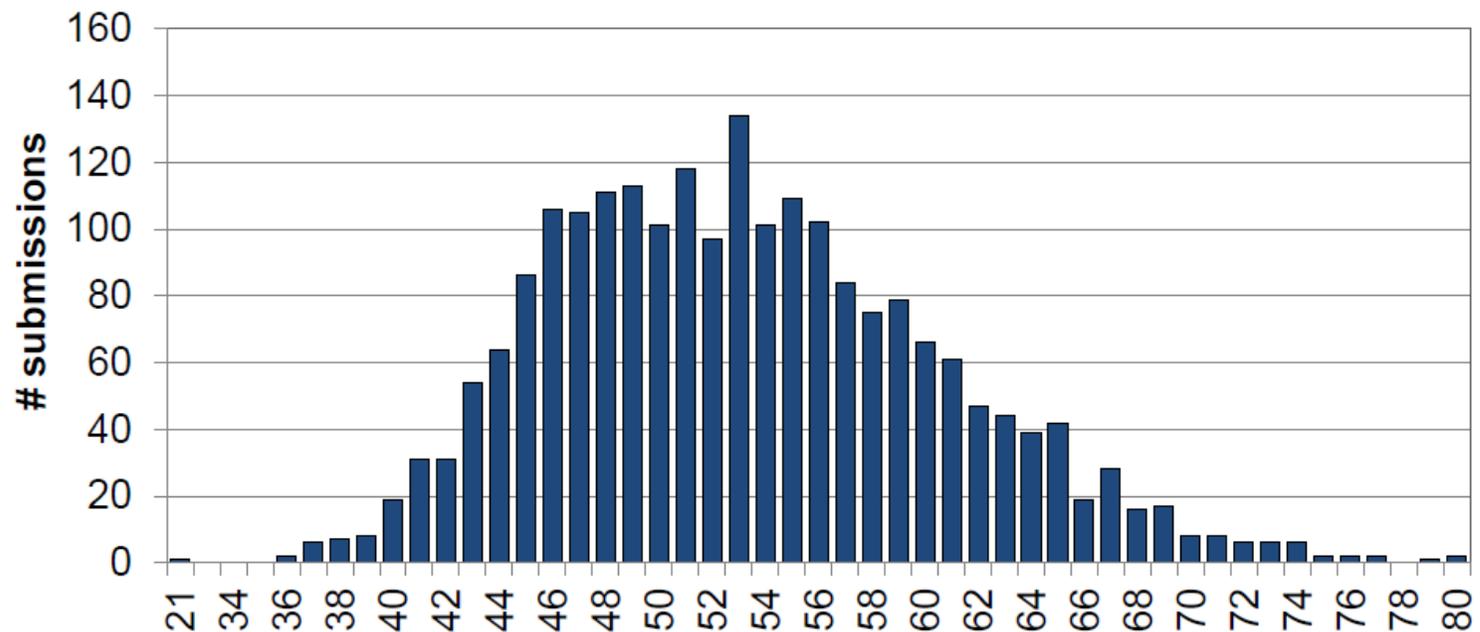
AdG 2017

Age of applicants



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AdG 2017 age of applicants - Average and median age = 53



European Commission

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European Union funding
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Age of applicants on 01/01/2017

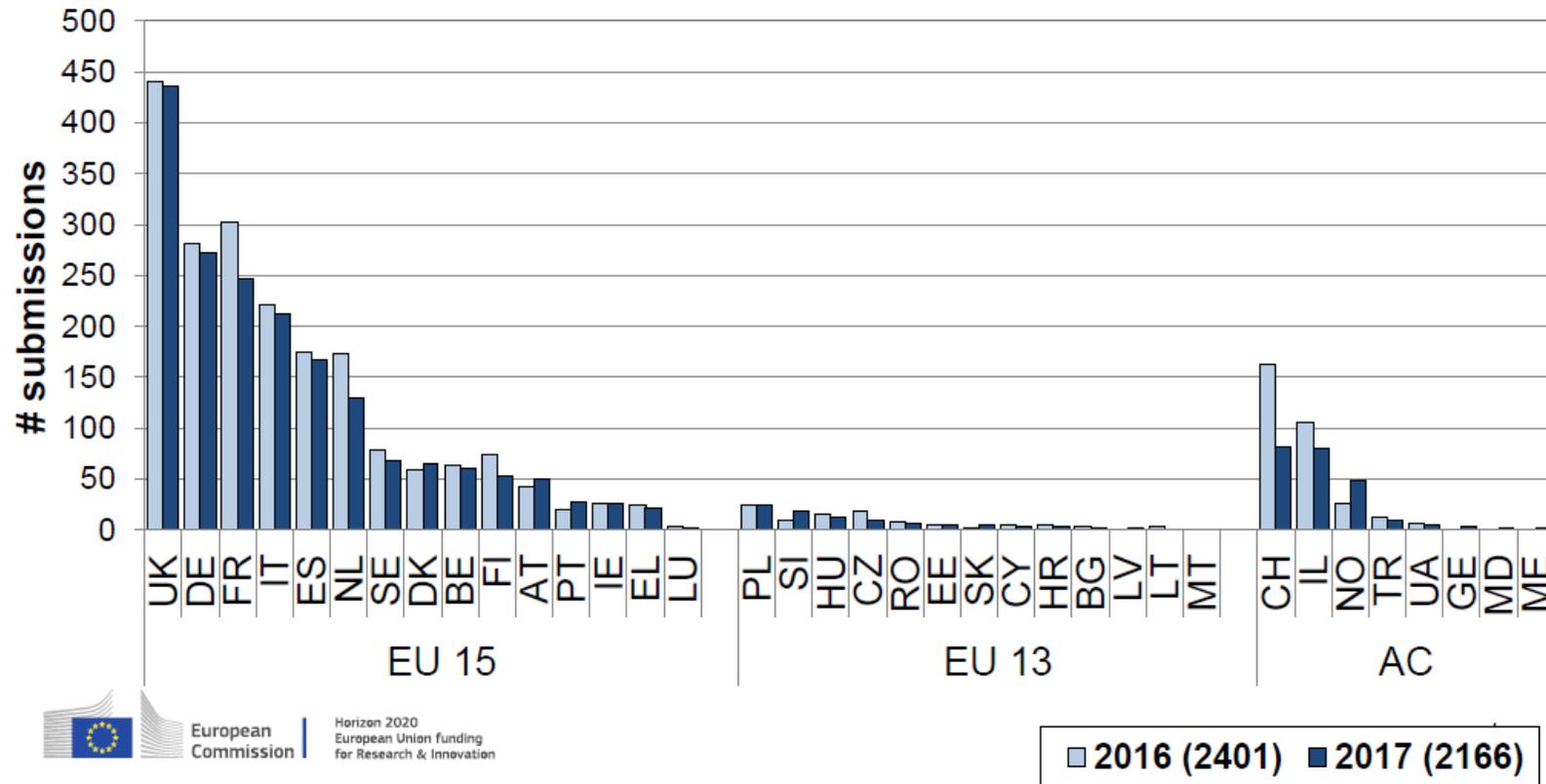
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AdG 2017- Country of Host Institution



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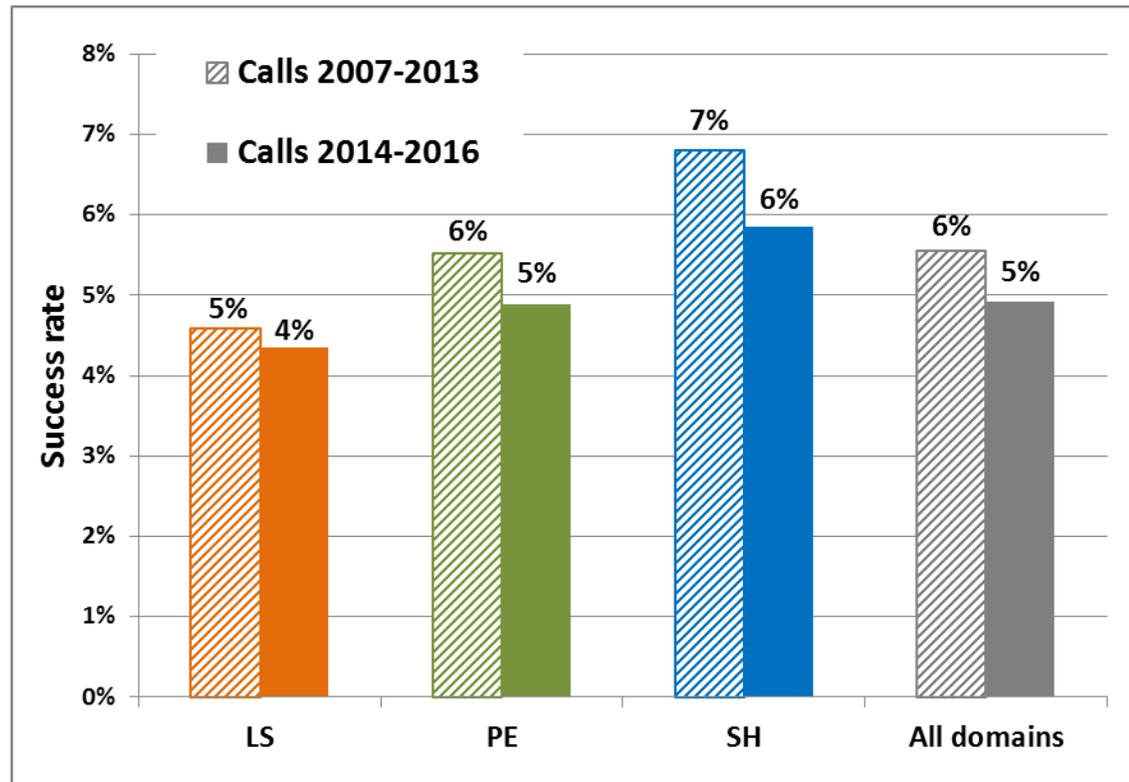
AdG 2016-2017 # submissions by HI country



European Commission | Horizon 2020
European Union funding
for Research & Innovation

■ 2016 (2401) ■ 2017 (2166)

Italy: Success Rate by Domain



Italy: Projects Funded by ERC in H2020

HI in Italy	LS	PE	SH	Total
StG	9	28	15	52
StG2014	2	8	5	15
StG2015	3	11	8	22
StG2016	4	9	2	15
CoG	11	24	11	46
CoG2014	4	11	3	18
CoG2015	2	9	3	14
CoG2016	5	4	5	14
AdG	9	10	11	30
AdG2014	4	3	4	11
AdG2015	5	7	7	19
Total (H2020)	29	62	37	128

Links

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

RESEARCH & INNOVATION
Participant Portal

EU Programmes 2014-2020
Search Topics
Updates
Calls
H2020
Research Fund for Coal & Steel
3rd Health Programme
Promotion of Agricultural Products
Consumer Programme
COSME
Justice Programme

FF7 & CIP Programmes 2007-2013
Calls
Other Funding Opportunities

Horizon 2020
Advanced search for topics
Calls for tenders on TED

Excellent Science
European Research Council (ERC)
Future and Emerging Technologies (FET)
Marie-Sklodowska-Curie Actions
Research Infrastructures
Industrial Leadership
Leadership in enabling and industrial technologies (LEIT)
Information and Communication Technologies

Status Calls with forthcoming topics Calls with open topics Calls with only closed topics

Sort by Call title Call identifier Publication date Filter a call FILTER

Industrial Leadership H2020-ECSEL-2016-2-1A-two-stage H2020-ECSEL-2016-2-1A-two-stage Publication date:15 March 2016	Industrial Leadership H2020-ECSEL-2016-1-RIA-two-stage H2020-ECSEL-2016-1-RIA-two-stage Publication date:15 March 2016	Societal Challenges Clean Sky 2 Call for Proposals 03 H2020-CS2-CFP03-2016-01 Publication date:10 March 2016
Societal Challenges FCH2 JU call for proposals 2016 H2020-JTI-FCH-2016-1 Publication date:19 January 2016	The European Institute of Innovation and Technology (EIT) EIT KICs Call 2016 EIT-KICS-2016 Publication date:14 January 2016	Societal Challenges H2020-JTI-IMI2-2015-08-single-stage H2020-JTI-IMI2-2015-08-single-stage Publication date:18 December 2015
Euratom Research and Training Programme 2014-2018 Prize-Innovation SOFT	Societal Challenges SESAR2020 IR-VLD Wave1 H2020-SESAR-2015-2	Excellent Science Marie Skłodowska-Curie Innovative Training Networks

European Research Council
ABOUT ERC FUNDING PROJECTS & FIGURES NEWS EVENTS MANAGING YOUR PROJECT

SUPPORTING TOP RESEARCHERS FROM ANYWHERE IN THE WORLD

IN MEMORIAM: FOTIS KAFATOS, FOUNDING ERC PRESIDENT. HIS VISION WILL ALWAYS GUIDE US.

OPEN CALLS
Proof of Concept | ERC-2018-PoC
Information for applicants
Instruction guide for using HTML5
Timeframe ongoing evaluations
FAQs
Deadline: 16 Jan 2018 | 18 Apr 2018 | 11 Sept 2018
Consolidator Grants | ERC-2018-CoG
Information for applicants
FAQs
Deadline: 15 Feb 2018
The official deadlines are only those indicated on the Participant Portal

NEWS > MORE
18-11-2017
In memoriam of Fotis Kafatos - ERC Scientific Council statement
18-10-2017
ERC Newsletter Autumn 2017
12-10-2017
Astronomers discover ring around dwarf planet Haumea
20-10-2017
Applications for ERC Starting Grants 2018 - Facts and figures

EVENTS
13-03-2017

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

Links



The screenshot shows the CORDIS website interface. At the top, there is a navigation bar with the CORDIS logo and the text "Servizio Comunitario di Informazione in materia di Ricerca e Sviluppo". Below this, there is a search bar with a "Ricerca" button and an "Accedi" button. The main content area features a "Sfoglia per:" section with filters for "Argomento", "Programma", "Tipo di contenuto", and "Paese". The central text states: "La principale fonte d'informazione per i progetti finanziati dall'UE dal 1990. Il servizio Progetti e risultati è il punto di riferimento unico per tutti i progetti di ricerca finanziati dall'UE e i relativi risultati." Below this, there is a search box labeled "Cerca progetti e risultati" with a "Testo libero" dropdown and a search button. The "Risultati in breve recenti" section displays two project highlights: "Allianti europei per la ricerca e l'osservazione degli oceani" (2016-04-01) and "Motilità cellulare, segnalazione e metastasi" (2016-03-30).

http://cordis.europa.eu/projects/home_it.html



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Horizon 2020
European Union Funding
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European Research Council (ERC)
Frontier Research Grants

Guide for Peer Reviewers

Applicable to the ERC Starting, Consolidator & Advanced Grants
(ERC Work Programme 2018)

Version 2.0
3 November 2017

http://ec.europa.eu/research/participants/data/ref/h2020/other/experts_manual/h2020_peer-review_erc-stg-cog-adg-2018_en.pdf



European Research Council
Executive Agency

Established by the European Commission



Horizon 2020
European Union Funding
for Research & Innovation

European Research Council (ERC)

ERC Rules for Submission & Evaluation

Commission Decision C(2017)4750

Version 3.0
14 July 2017

http://ec.europa.eu/research/participants/data/ref/h2020/sgl/erc/h2020-erc-se-rules-amended2_en.pdf



European Research Council
Executive Agency

Established by the European Commission



Horizon 2020
European Union Funding
for Research & Innovation

European Research Council (ERC)
Frontier Research Grants

Information for Applicants
to the Starting and Consolidator Grant 2018 Calls

Version 1.0
2 August 2017

http://ec.europa.eu/research/participants/data/ref/h2020/other/guides_for_applicants/h2020-guide18-erc-stg-cog_en.pdf

ERC Work Programme 2018



European Research Council

Established by the European Commission

(European Commission C(2017) 5307 of 2 August 2017)

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http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018_2020/erc/h2020-wp18-erc_en.pdf



European Research Council
Established by the European Commission

Qualitative Evaluation of completed projects funded by the European Research Council

July 2016



https://erc.europa.eu/sites/default/files/qualitative_evaluation_of_completed_projects_funded_by_the_erc.pdf



European Research Council
Scientific Council
Established by the European Commission

Building on a European Success Story to Further Empower European Researchers

Statement by the ERC Scientific Council on the position of the European Research Council in the next European Union Framework Programme for Research and Innovation

15 May 2017

In the space of ten years, the European Research Council (ERC) has become a real European success story. Its original set-up and governance add a new dimension to the European Union (EU) Framework Programmes, and the funding it provides for the best investigator-driven frontier research complements national efforts. The EU should build on this achievement and scale up the ERC. Beyond 2021, Europe needs to increase its overall investment in research and innovation to speed up its progress towards becoming a dynamic knowledge society empowering researchers to develop their boldest ideas broadly.

<https://erc.europa.eu/sites/default/files/content/pages/pdf/ERC-ScC-Statement-FP9.pdf>

ERC Team

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Cenni di progettazione in ambito MSCA-IF ed ERC: le principali differenze

IF - Marie Skłodowska-Curie Individual Fellowships

Excellence	Impact	Quality and efficiency of the implementation
Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the future career prospects of the researcher after the fellowship	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources
Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the management structure and procedures, including risk management
Quality of the supervision and of the integration in the team/institution	Quality of the proposed measures to communicate the project activities to different target audiences	Appropriateness of the institutional environment (infrastructure)
Potential of the researcher to reach or re-enforce professional maturity/independence during the fellowship		
50%	30%	20%
Weighing		
1	2	3
Priority in case of <i>ex aequo</i>		
NB: An overall threshold of 70% will be applied to the total weighted score.		

Part B-1:

The **maximum** total length for this document is **10 pages**. It should be composed as follows (detailed description below):

- Section 1: Excellence
- Section 2: Impact
- Section 3: Implementation

Of the **maximum 10 pages** applied to sections 1, 2 and 3, applicants are free to decide on the allocation of pages between the sections. However, the overall page limit will be strictly applied: after the call deadline, **excess pages will automatically be made invisible, and will not be taken into consideration by the experts.**

It is the responsibility of the applicant to verify that the submitted PDF documents are readable and are within the page limit. PDF documents can contain colours.

Part B-2:

Part B-2 must contain sections 4-7 as described below. **No overall page limit** will be applied to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and one page per partner organisation).

- Section 4: CV of the experienced researcher (maximum length: 5 pages)
- Section 5: Capacities of the participating organisations (1 page for the overview and 1 page for each participating organisation)
- Section 6: Ethical aspects
- Section 7: Letter of commitment of the partner organisation (for GF only)

Part B of the Proposal

Proposals must respect the following minimum standards:

- a minimum font size of 11 points, except for the Gantt chart and tables where the minimum font size is 8 points
- single line spacing
- A4 page size
- margins (top, bottom, left, right) of at least 15 mm (not including any footers or headers)
- a clearly readable font (e.g. Arial or Times New Roman)

 The 10-page limit is respected (after the call deadline, excess pages above this limit will automatically be made invisible, and will not be taken into consideration by the experts).

Tables are for illustrating the core text of the proposal. They cannot be used to contain the core text itself.

MSCA-IF: Budget

Proposal Submission Forms

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Proposal ID SEP-210513220

Acronym test

3 - Budget

Is the Researcher eligible for family allowance?

Yes No

Participant Number	Organisation Short Name	Country	Country Coefficient	Number of Months	Researcher Unit Cost			Institutional Unit Cost		Total
					Living Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and Overheads	
1		IT	1,044	12	61136,64	7200,00	0,00	9600,00	7800,00	85736,64
Total					61136,64	7200,00	0,00	9600,00	7800,00	85736,64

The Partner Organisation does not sign the Grant Agreement and does not directly claim costs from the action. The entire EU contribution is transferred to the Host organisation located in a Member State or Associated Country.

H2020-MSCA-IF ver 1.00 20180416

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ERC

- Scientific excellence is the sole criterion.
- It will be applied in conjunction to the evaluation of both:
 - the ground-breaking nature, ambition and feasibility of the research project;
 - and the intellectual capacity, creativity and commitment of the Principal Investigator.

ERC: B1

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.

[The template below is provided only for guidance. It may be modified as necessary and appropriate.]

ERC: B1

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
<u>Name of PhD Supervisor</u> |
| 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 |

ERC: B1

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

(see 'Information for Applicants to the Starting and Consolidator Grant 2018 Calls'– instructions for completing 'Part B' of the proposal)

ERC: B2

ERC Starting Grant 2018 Research proposal [Part B2]¹ *(not evaluated in Step 1)*

Part B2: The scientific proposal (max. 15 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.

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

Section b. Methodology

|

Section c. Resources (including project costs)

*(Note: State and fully justify the amount of funding considered necessary to fulfil the objectives for the duration of the project. To facilitate the assessment of resources by the panels, the use of the following budget table is strongly suggested. All eligible costs requested, should be included in the budget. **Please use whole euro values only.**)*

ERC: B2

Cost Category		Total in euro	
Direct Costs ¹	Personnel	PI ²	
		Senior Staff	
		Postdocs	
		Students	
		Other	
	<i>i. Total Direct costs for Personnel (in euro)</i>		
	Travel		
	Equipment		
	Other goods and services	Consumables	
		Publications (including Open Access fees), dissemination activities, etc.	
		Other (please specify)	
	<i>ii. Total Other Direct Costs (in euro)</i>		
	A – Total Direct Costs (i + ii) (in euro)		
	B – Indirect Costs (overheads) 25% of Direct Costs³ (in euro)		
C1 – Subcontracting Costs (no overheads) (in euro)			
C2 – Other Direct Costs with no overheads⁴ (in euro)			
Total Estimated Eligible Costs (A + B + C) (in euro)			
Total Requested Grant (in euro)			

1. Research Project

Ground-breaking nature, ambition and feasibility

Starting, Consolidator, Advanced and Synergy

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 does the proposal go beyond what the individual Principal Investigators could achieve alone (for Synergy Grants based on the Extended Synopsis)?

To what extent does the proposal require and demonstrate significant synergies, complementarities and scientific added-value to enable it to achieve its objectives (for Synergy Grants 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 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?

Commitment

To what extent does the PI demonstrate the level of commitment to the project necessary for its execution and the willingness to devote a significant amount of time to the project (minimum 50% for Starting and 40% for Consolidator of the total working time) (based on the full Scientific Proposal)?

Advanced and Synergy

Intellectual capacity and creativity

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

To what extent does/do the PI(s) provide evidence of creative independent thinking?

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

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

Commitment

To what extent does the PI demonstrate the level of commitment to the project necessary for its execution and the willingness to devote a significant amount of time to the project (minimum 30% for Advanced and Synergy of the total working time) (based on the full Scientific Proposal)?

Evaluation procedure and criteria

For Starting, Consolidator and Advanced Grants

A single submission of the full proposal will be followed by a two-step evaluation.

- **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).

Evaluation criteria

For all ERC frontier research grants, **scientific excellence is the sole criterion of evaluation.**

It will be applied in conjunction to the evaluation of both: the ground-breaking nature, ambition and feasibility of the research project; and the intellectual capacity, creativity and commitment of the Principal Investigator.

Outcome of evaluation

For Starting, Consolidator and Advanced Grants

- At the end of **step 1** of the evaluation applicants will be informed that their proposal:
 - 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 applicants will be informed that their proposal:
 - 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.

Restrictions on submission of proposals

The ERC calls are highly competitive

A Principal Investigator may submit proposals to different ERC frontier research grant calls published under the same Work Programme, but only the first eligible proposal will be evaluated.

No restrictions apply

*A Principal Investigator whose proposal was evaluated as **category A** or **category B at step 2** in the 2017 Starting, Consolidator or Advanced Grant calls may submit a proposal to the 2018 Starting, Consolidator, Advanced or Synergy Grant calls .*

Restrictions apply

*A Principal Investigator whose proposal was evaluated as **category B at step 1** in the 2017 Starting, Consolidator or Advanced Grant calls may not submit a proposal to the 2018 Starting, Consolidator or Advanced Grant calls but may submit a proposal to the 2018 Synergy Grant call.*

*A Principal Investigator whose proposal was evaluated as **category C** in the 2016 or 2017 Starting, Consolidator or Advanced Grant calls may not submit a proposal to the 2018 Starting, Consolidator or Advanced Grant calls but may submit a proposal to the 2018 Synergy Grant call.*

Restrictions on submission of proposals

Restrictions that Scientific Council intends to apply

*A Principal Investigator whose proposal was evaluated as **category B at step 1 or step 2** in the 2018 Synergy Grant call may not submit a proposal to the 2019 Synergy Grant call.*

*A Principal Investigator whose proposal was evaluated as **category C at step 1** in the 2018 Synergy Grant call may not submit a proposal to the 2019 Starting, Consolidator, Advanced or Synergy Grant calls or for the 2020 Synergy Grant call.*

All Principal Investigators whose proposal was rejected on the grounds of a breach of research integrity in the 2018 Synergy Grant call may not submit a proposal to the 2019 ERC calls.

Thank you!