



European  
Commission

# **MARIE SKŁODOWSKA-CURIE ACTIONS**

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Deputy Head of Unit  
Research Executive Agency**

**30 June 2017  
Lisbon**

Research  
Executive  
Agency



# Horizon 2020



THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

## HORIZON 2020

### HORIZON 2020

Budget €70 billion  
Duration 2014-2020

A simpler programme  
Challenge based  
Coupling R&I

The slide features a glowing globe on the left and a blue background with a starburst effect.



THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

## HORIZON 2020

€6162 million

RESEARCH & INNOVATION  
More Skatzevna-Gate Actions

Research Fellowship Programme

Providing training & career development opportunities

The slide shows a young woman and man looking at a laptop displaying a website. The text is overlaid on the image.



## Excellence

## Research

## Training

## Skills

## Mobility

**Budget 2014-2020:**

**€ 6.162 billion**



# MSCA Objectives



- Attract and retain **research talent** in Europe
- Develop state-of-the-art, **innovative training schemes**, consistent with the requirements of R&I
- Promote sustainable **career development** in R&I
- Focus on **delivering new knowledge and skills**
- Back up **strong partnership with MS** via co-funding mechanism

# Key Features



- development of knowledge and enhancement of skills
- excellent and innovative research training
- attractive career and knowledge-exchange opportunities through cross-border and cross-sector mobility
- bottom-up approach
- openness to all career stages
- strong participation of industry, i.e. SMEs

# ...and Principles



- European Charter for Researchers & Code of Conduct for the Recruitment of Researchers
- European Code of Conduct for Research Integrity
- Ethical aspects
- Gender balance
- Public outreach activities



## Who can participate?

### Academia

Public or private **High Education Institutions** awarding academic degrees

Public or private **non-profit research organisations**

International **European interest organisations**

Universities

Non-profit  
research  
institutes

IEIOs

### Business and non-academia

*Broad definition:*

Any socio-economic actor not included in the academic sector definition

Industry

SMEs

Other socio-economic  
actors





## 1. Member States (MS) – 28 countries

- Iceland
- Norway
- Albania
- Bosnia and Herzegovina
- former Yugoslav Republic of Macedonia
- Montenegro

## 2. Associated Countries (AC)

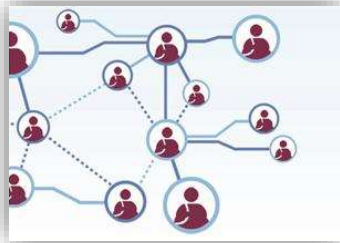
- Serbia
- Turkey
- Israel
- Moldova
- Switzerland
- Faroe Islands
- Ukraine
- Tunisia
- Georgia
- Armenia

**NEW!**

## 3. Third Countries (TC): any other country



# Marie Skłodowska-Curie actions



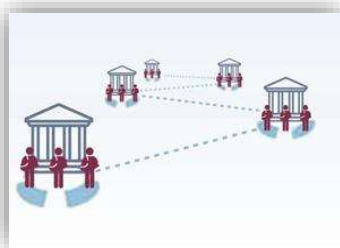
**ITN**

Innovative Training  
Networks



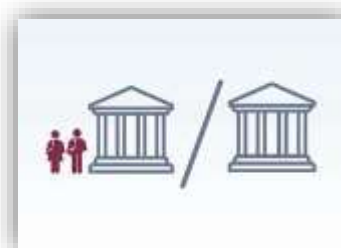
**IF**

Individual Fellowships

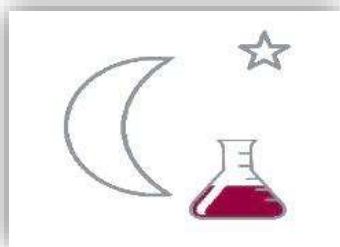


**RISE**

Research and  
Innovation Staff  
Exchange



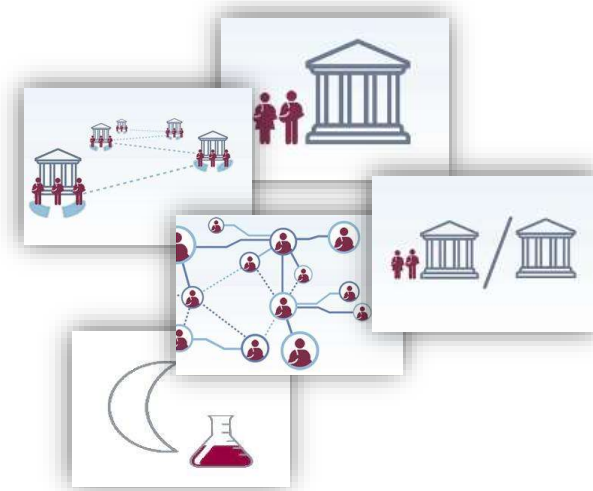
**COFUND**



European Researchers'

**NIGHT**

# Which MSCA should you choose?





# ITN

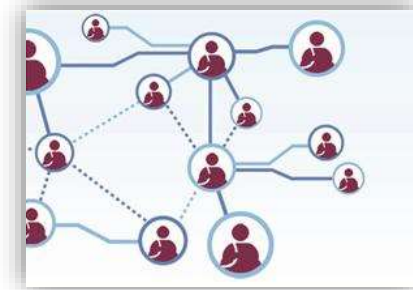
## Innovative Training Networks

### Objective

- To train a new generation of creative, entrepreneurial and innovative early-stage researchers, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit.
- To raise excellence and structure research and doctoral training, extending the traditional academic research training setting, incorporating the elements of Open Science and equipping researchers with the right combination of research-related and transferable competences.
- To provide enhanced career perspectives in both the academic and non-academic sectors through international, interdisciplinary and intersectoral mobility combined with an innovation-oriented mind-set.

## ITN features

- Only for **early stage researchers**
- Fellowships of **3-36 months**
- Project duration up to **4 years**
- Maximum **540 researcher-months**
- Budget for 2017 call: **€ 430 Million** (EID: 28 M€, EJD 32 M€ )
- 3 different modalities: **ETN, EID, EJD**





## **ETN - European Training Networks**

- at least 3 beneficiaries from 3 different EU MS or AC. Above this minimum any country can participate

## **EID - European Industrial Doctorates**

- at least 2 beneficiaries established in 2 different MS or AC.
- At least one beneficiary must come from the non-academic sector, primarily enterprise.
- Each researcher - enrolled in a doctoral programme and spend at least 50% in the non-academic sector.
- The joint supervision of fellows by supervisors from each sector is mandatory.

## **EJD - European Joint Doctorates**

- at least 3 beneficiaries from different EU MS or AC which are entitled to award doctoral degrees.
- creation of joint doctoral programmes, leading to the delivery of joint, double or multiple doctoral degrees.



# RISE

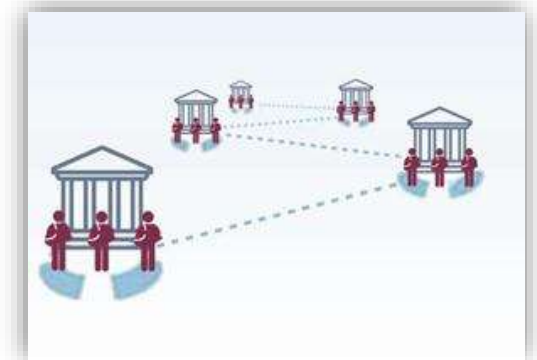
## Research and Innovation Staff Exchange

### Objective

- To strengthen the interaction between academic and non-academic organisations, and between Europe and third countries
- Research projects implemented through research and innovation staff exchanges
- International and inter-sector transfer of knowledge and sharing of ideas and of R&I culture

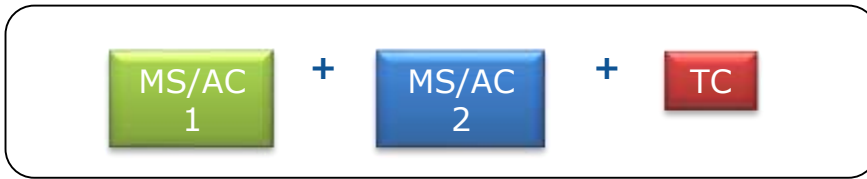
## RISE features

- **Staff members eligibility condition:** at least 6 months at the sending institution prior to first secondment
- **Secondments** from 1 to 12 months
- Project duration up to **4 years**
- Maximum **540 researcher-months**
- Budget for 2017 call: **€ 80 Million**

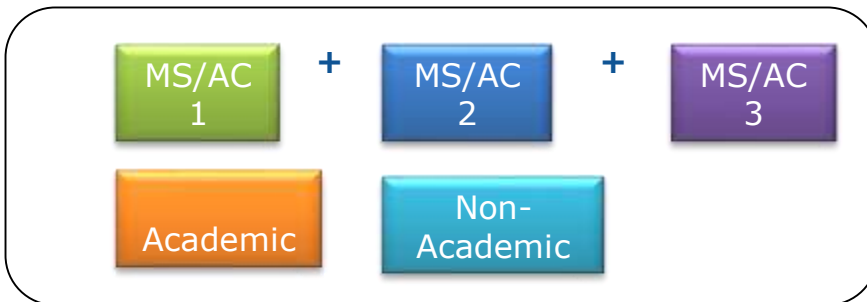




## Two different set-ups :



• **INTERNATIONAL**



• **EUROPEAN**



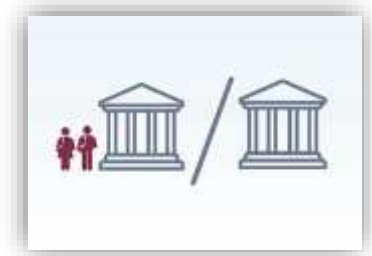
# COFUND

## Objective

- To stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development, spreading the best practices of Marie Skłodowska-Curie actions.
- This will be achieved by co-funding new or existing regional, national, and international programmes to open up to, and provide for, international, intersectoral and interdisciplinary research training, as well as transnational and cross-sectoral mobility of researchers at all stages of their career.

## COFUND features

- **Mono-beneficiary:** organisation funding or managing doctoral or post-doctoral programmes
- **Duration of projects:** maximum 5 years
- **Duration of fellowships:** minimum 3 months
- Budget for 2017 call: **€ 80 Million** (DP: 30 M€ )





- **Leverage funding** and combat fragmentation (possible synergies with ESIF)
- EU contribution to cover living allowances for researchers and management costs – limited to **10 M€ per beneficiary per call**
- **50% co-funding** for established unit costs (living allowance and management costs)
- Minimum living allowance fixed in the WP

## Doctoral Programmes

Early stage researchers

## Fellowship Programmes

Experienced researchers

## What are IFs?

- Individual trans-national fellowships to the best and most promising **experienced\*** researchers  
(\* PhD or 4-year full-time equivalent research experience)

### European Fellowships (EF)

Career  
Restart Panel  
(CAR)

Reintegration  
Panel (RI)

Society and  
Enterprise  
Panel (SE)

### Global Fellowships (GF)

- ✓ **Secondments** of 3 – 6 months in Europe (MS or AC), for greater impact
- ✓ Specific eligibility criteria
- ✓ Career development with an appropriate **inter-sectoral** dimension

IF



An Experienced Researcher may submit only one proposal to this call for proposals.



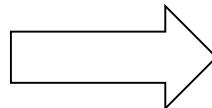
European Fellowships

For fellows coming to or moving within Europe (duration 12-24 months)



Global Fellowships

For fellows from Europe going to Third countries (12-24 months) returning to Europe (12 months)



Total duration 24/36 months



EF

## European Fellowships

*held in EU Member States or Associated Countries*

**215 M€**

GF

## Global Fellowships

*based on an outgoing phase to a third country and a return phase in MS/AC*

**33.7M**

Call Opening:

**11 April 2017**

Call Deadline:

**14 September 2017, 17:00:00 CET**

Evaluation:

**October – November 2017**

Launch Grant preparation: **January 2018**





## **A project is:**

- **written by the experienced researcher**
- **a concrete plan of training-through-research**
- **the host organisation's premises**
- **under the direct supervision of the Supervisor(s)**

*Realistic and well-defined objectives in terms of **career advancement** or resuming a research career after a break.*

*Typical training activities may include:*

- training-through-research: individual personalised action
- Hands-on training activities for developing scientific (new techniques, instruments) and transferable skills (proposal preparation to request funding, IPR management , task coordination, supervising & monitoring, exploitation of research results)
- Inter-sectoral or interdisciplinary transfer of knowledge (e.g. through secondments)
- Organisation of scientific/training/dissemination events
- Communication, outreach activities and horizontal skills
- Training dedicated to gender issues

# IF Secondments



*A transfer of knowledge which contributes significantly to the impact of the fellowship.*

<b>Fellowship Duration</b>	<b>Maximum duration of secondment</b>
<b>≤ 18 months</b>	<b>3 months</b>
<b>&gt; 18 months</b>	<b>6 months</b>



An experienced researcher applies with one host institution for a research project that can last between 12 and 24 months.

## Host Institution (future Beneficiary)

- Location: MS or AC
- Sector: Academic or Non-academic
- Can be International European Interest Organisation (IEIO)
- Can be International Organisation (*exceptional cases*)

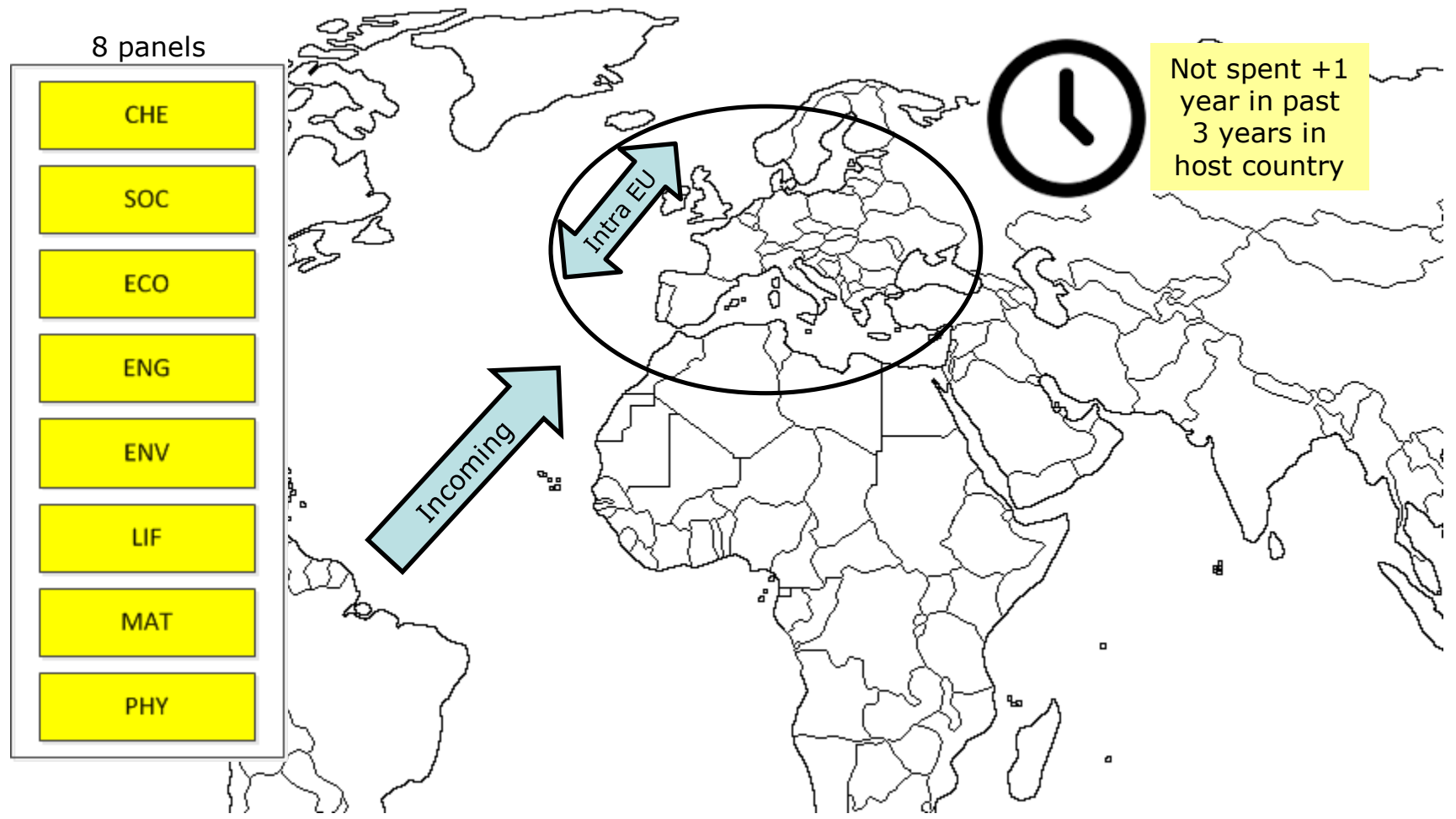
Appoints the Supervisor

Recruits the experienced researcher (contract of employment)

## Researcher (future Fellow)

- Must undertake transnational mobility
- Can be of any nationality (with the exception of the Re-Integration panel)

# EF - Standard

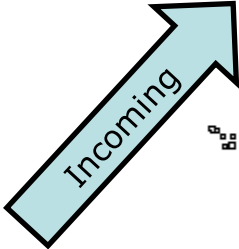
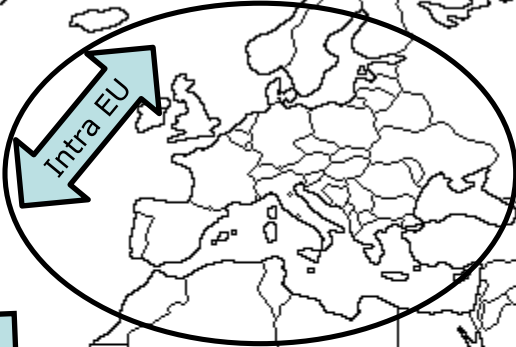


# EF – Career Restart Panel



One multidisciplinary panel

Not spent +3 year in past 5 years in host country



Not active in research during past year





## Definition of **career break in research**:

- **not have been *active in research*** for at least 12 months immediately prior to the deadline for submission of proposals (15/09/16 to 14/09/17).

***Active in research***: determined on the basis of

**A. fellowships in research domain or**

**B. employment contracts in research domain**

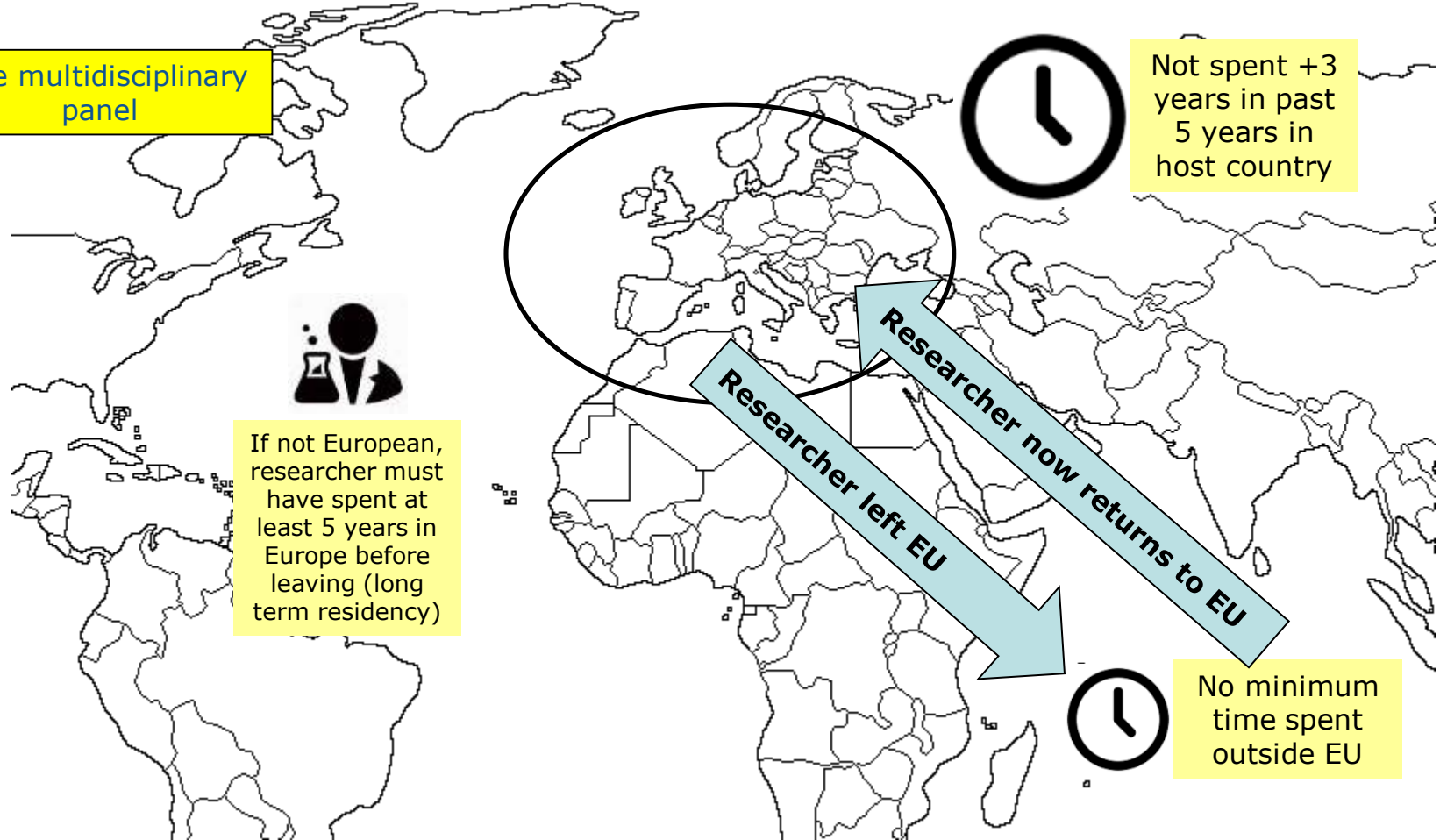
The **professional status** should be clearly explained in the proposal, both **in part A and B**:

- *e.g. unemployment, parental/sick leave, no fellowship/employment contract in research*

# EF – Re-integration Panel



One multidisciplinary panel



Not spent +3 years in past 5 years in host country

If not European, researcher must have spent at least 5 years in Europe before leaving (long term residency)



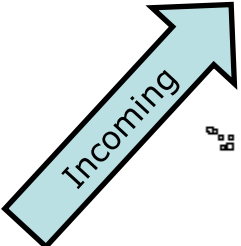
# EF – Society & Enterprise Panel

**NEW!**



One multidisciplinary panel

Not spent +3 years in past 5 years in host country



Non-academic sector only



Beneficiary only **from non-academic sector** :

- from industry to business (including SMEs),
- government,
- civil society organisations (NGOs, trusts, foundations, etc.),
- cultural institutions and museums,
- hospitals,
- international organisations (like the UN or WHO), etc.

**Mobility rule** is to not have spent more than 3 years in the last 5 years in the country of the beneficiary

Earmarked budget of **10 million €**



**One experienced researcher applies with one host institution for a research project that can last between 24 and 36 months (12-24 months initial outgoing phase in a in a Third Country + 12 months of mandatory return phase)**

## **Host Institution (future Beneficiary)**

***Same as in EF!***

- **Location:** MS or AC
- **Sector:** Academic or Non-academic
- Can be **International European Interest Organisation** (IEIO)
- Can be **International Organisation** (*exceptional cases*)
- **Appoints the Supervisor**
- **Recruits** the experienced researcher (contract of employment)



## Partner Organisation

- **Location:** Third Country (not MS or AC)
- **Sector:** Academic or Non-academic
- Can be **International Organisation**
- **Nominates a Supervisor** for the researcher
- Provides a signed **Letter of Commitment\*** (in the proposal)
  
- **DOES NOT sign the Grant Agreement**
- **DOES NOT recruit the researcher**
- **DOES NOT claim costs directly from the action**

# Global Fellowships – Letter of Commitment



## ***Document needed only for Global Fellowships***

- **no specific template**
- has **heading** or **stamp** from the partner organisation
- is **up-to-date** (i.e. issued after the call publication, 11 April 2017)
- the text must demonstrate the **will to actively participate** in the proposed action and the **precise role**
- is **signed by the legal representative** of the partner organisation



## Researcher (future Fellow)

**Mobility:** from ANY country to the partner organisation in the Third Country

**Mobility rule:** not more than 3 years in the last 5 years in the Third Country of the partner organisation

**Nationality:** national of MS/AC *or*  
long-term resident of a MS/AC

! Under the direct supervision of **two Supervisors**.

### Duration

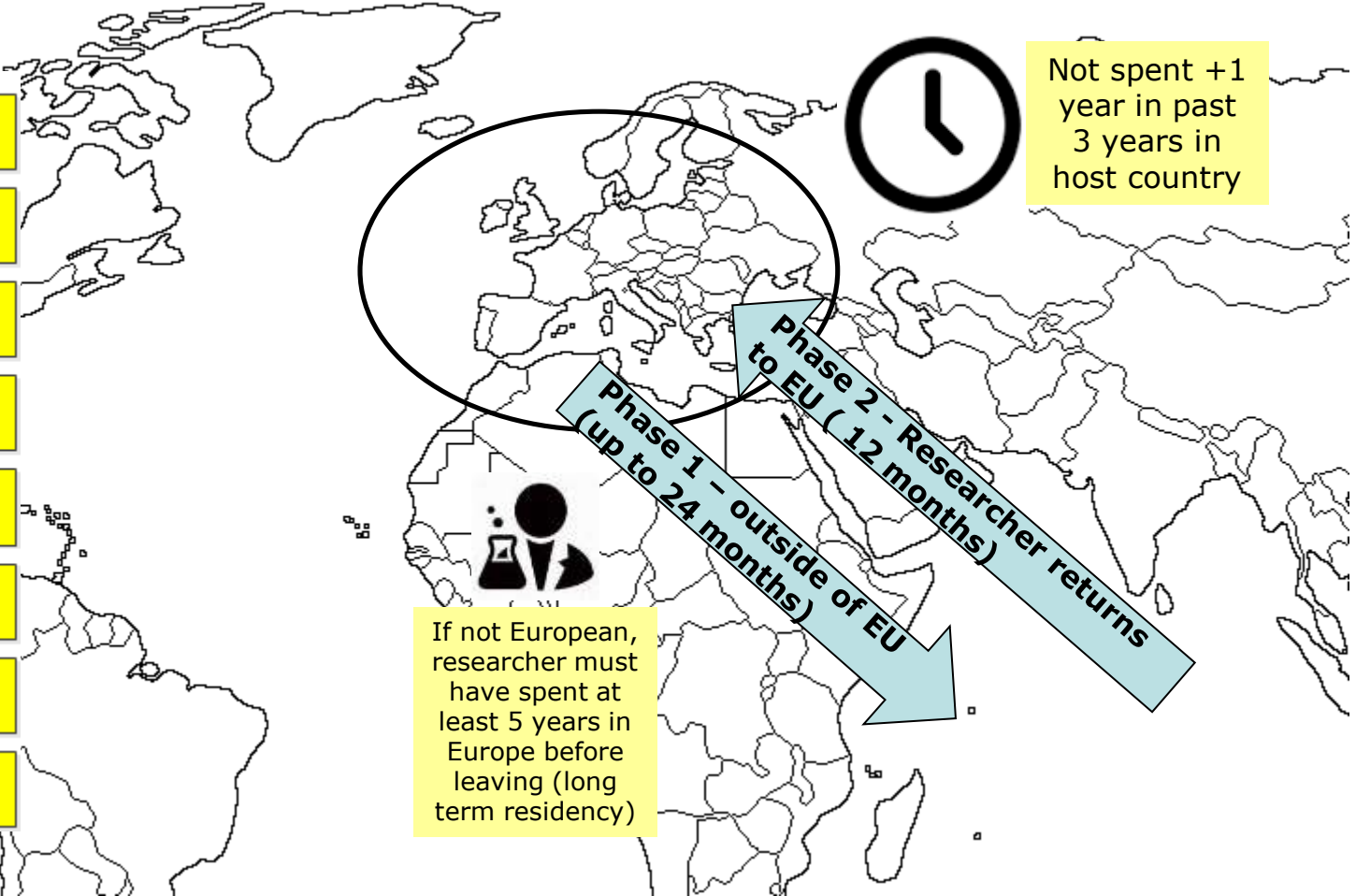
Phase GF	Duration (months)
1. Outgoing to TC	12 - 24
2. Return to MS or AC	<b>12</b> (mandatory)
<b>TOTAL</b>	<b>24 - 36</b>

# Global Fellowships



8 panels

- CHE
- SOC
- ECO
- ENG
- ENV
- LIF
- MAT
- PHY



Not spent +1 year in past 3 years in host country

If not European, researcher must have spent at least 5 years in Europe before leaving (long term residency)

INDIVIDUAL FELLOWSHIPS		EUROPEAN				GLOBAL
		Standard EF	CAR	RI	SE	GF
EXPERIENCED RESEARCHERS	Nationality	ANY	ANY	MS, AC or long-term residents	ANY	MS, AC or long-term residents
	Mobility	From ANY country to MS or AC	From ANY country to MS or AC	From TC to MS or AC (location of host institution)	From ANY country to MS or AC	From ANY country to TC then to MS/AC
		< 12 months in the last 3 years	< 36 months in the last 5 years	< 36 months in the last 5 years	< 36 months in the last 5 years	< 12 months in the last 3 years
	Career break in research	-	≥ 12 mm before 14/09/17	-	-	-
PARTICIPANTS	Beneficiary	MS or AC	MS or AC	MS or AC	MS or AC <u>Non-academic only</u>	MS or AC
	Entity with capital or legal link	MS or AC	MS or AC	MS or AC	MS or AC <u>Non-academic only</u>	MS or AC
	Partner Organisation	MS or AC (optional secondments)	MS or AC (optional secondments)	MS or AC (optional secondments)	MS or AC (optional secondments)	outgoing phase (mandatory) TC
optional secondment MS or AC						
DURATION (months)		12 / 24	12 / 24	12 / 24	12 / 24	24 / 36 (12 / 24 + 12)
SCIENTIFIC PANELS/AREAS		8 panels	8 areas	8 areas	8 areas	8 panels
NUMBER OF RANKING LISTS		8	1	1	1	8
BUDGET (total € 218.5 million)		205 million			€10 million	€ 33.70million





RISE	Research, networking, training costs	1800 €	Top-up allowance	2000 €
	Management and indirect costs	700 €		
ITN	Research, networking, training costs	1800 €	Living allowance*	3110 €
	Management and indirect costs	1200 €	Mobility allowance	600 €
			Family allowance	500 €
IF	Research, networking, training costs	800 €	Living allowance*	4650 €
	Management and indirect costs	500 €	Mobility allowance	600 €
			Family allowance	500 €
COFUND	Management costs	325 €	Living allowance Early-stage researchers	1855 €
			Living allowance Experienced researchers	2625 €

- The living allowance base rate is multiplied by Country Correction Coefficient

# MSCA Calls 2016-2017



<b>ITN</b>	15/09/2016 – <b>10/01/2017</b>	EUR 430 million
<b>IF</b>	11/04/2017 – <b>14/09/2017</b>	EUR 248 million
<b>RISE</b>	01/12/2016 – <b>05/04/2017</b>	EUR 80 million
<b>COFUND</b>	05/04/2017 – <b>28/09/2017</b>	EUR 80 million



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# **MARIE SKŁODOWSKA-CURIE ACTIONS**

## **Overview of 2016 call results**



Research  
Executive  
Agency

# IF 2016 Topics & Budget



EF  
ST

**European  
Fellowships  
Standard**

*Held in EU Member  
States or Associated  
Countries*

~164 M€

EF  
CAR/RI

**European  
Fellowships  
CAR/RI**

*Return and  
reintegration of  
researchers in Europe  
or after a career break*

~ 17 M€

SE

**Society and  
Enterprise Panel**

*Only for non-  
academic  
beneficiaries*

~8 M€

GF

**Global  
Fellowships**

*based on a  
secondment to a  
third country*

29 M€

**Total Budget: 218.71 million €**



- **Full remote consensus** (scientific and ethics)
- **2478 scientific** experts
- **120 ethics** experts
- Overall smooth process

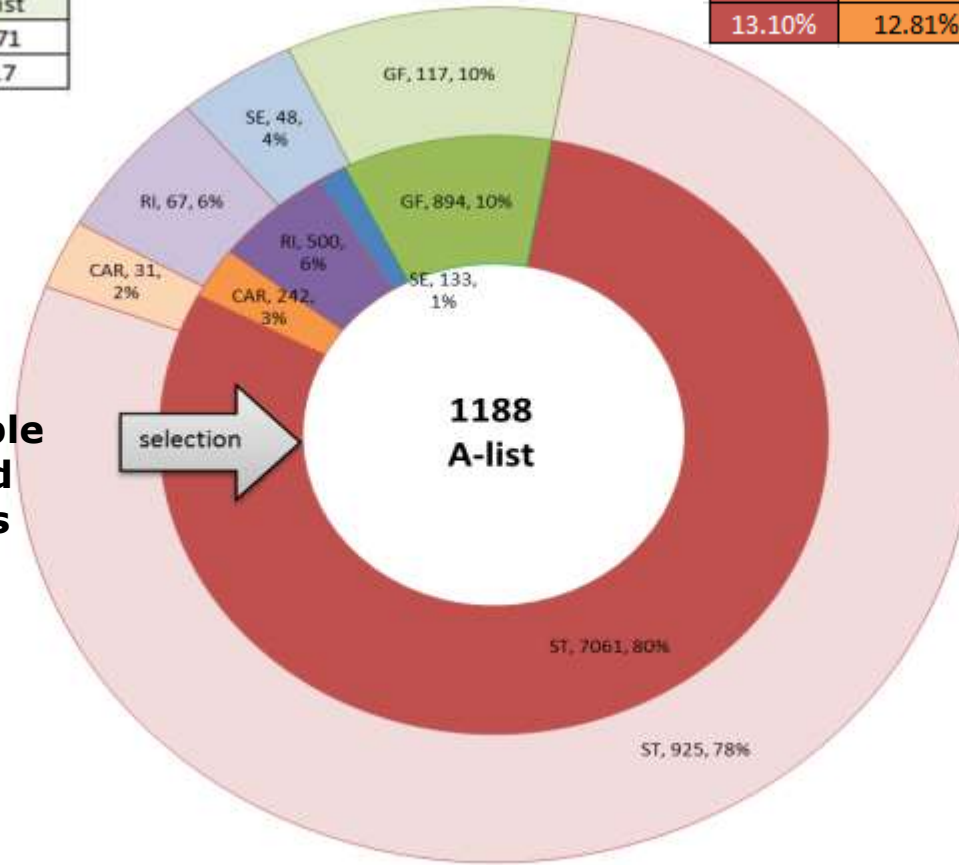
# IF 2016: Submitted & A-list proposals (eligible)



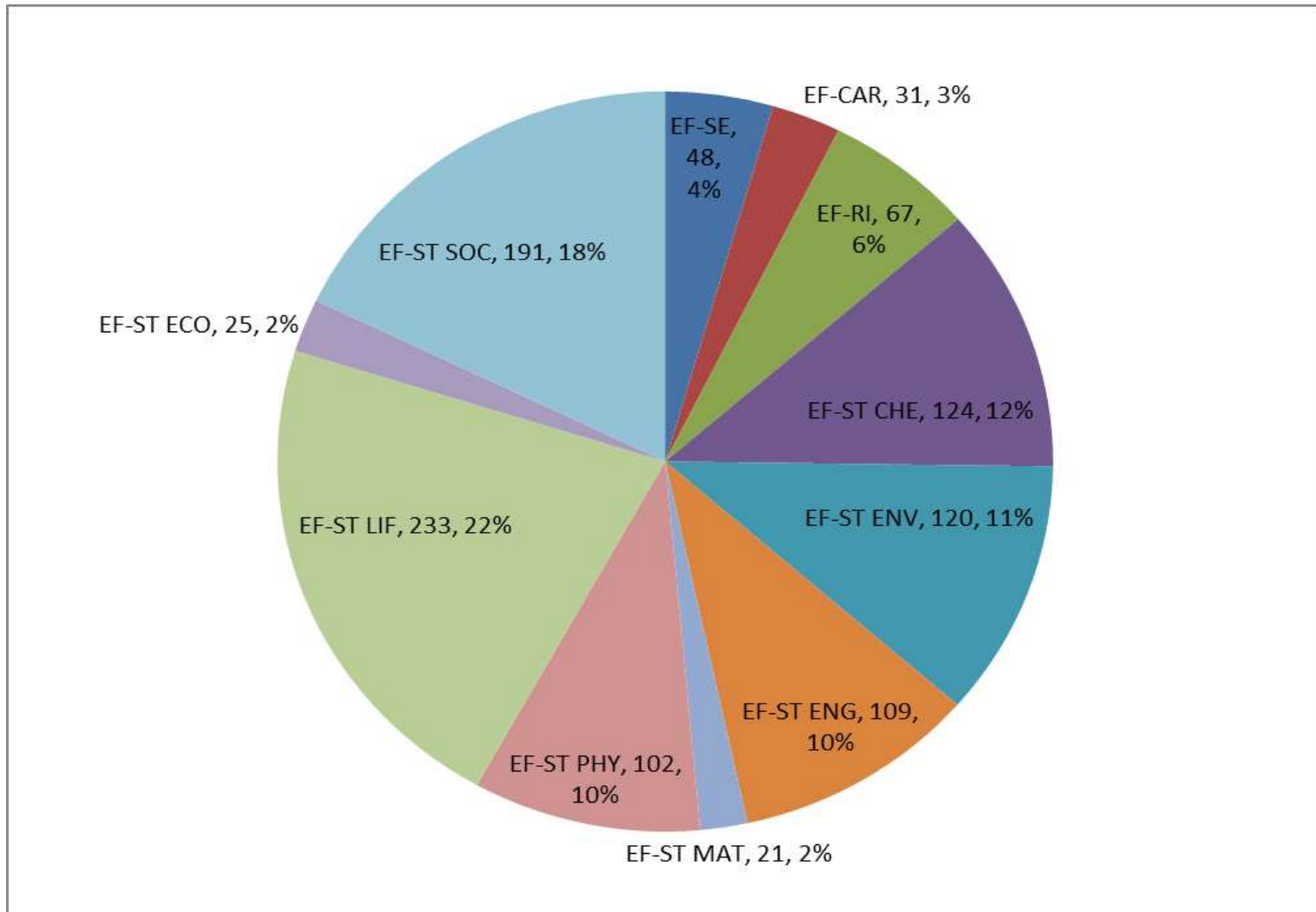
	eligible submissions	A-list
MSCA-IF-EF	7935	1071
MSCA-IF-GF	894	117

Success Rate				
ST	CAR	RI	SE	GF
13.10%	12.81%	13.40%	36.36%	13.09%

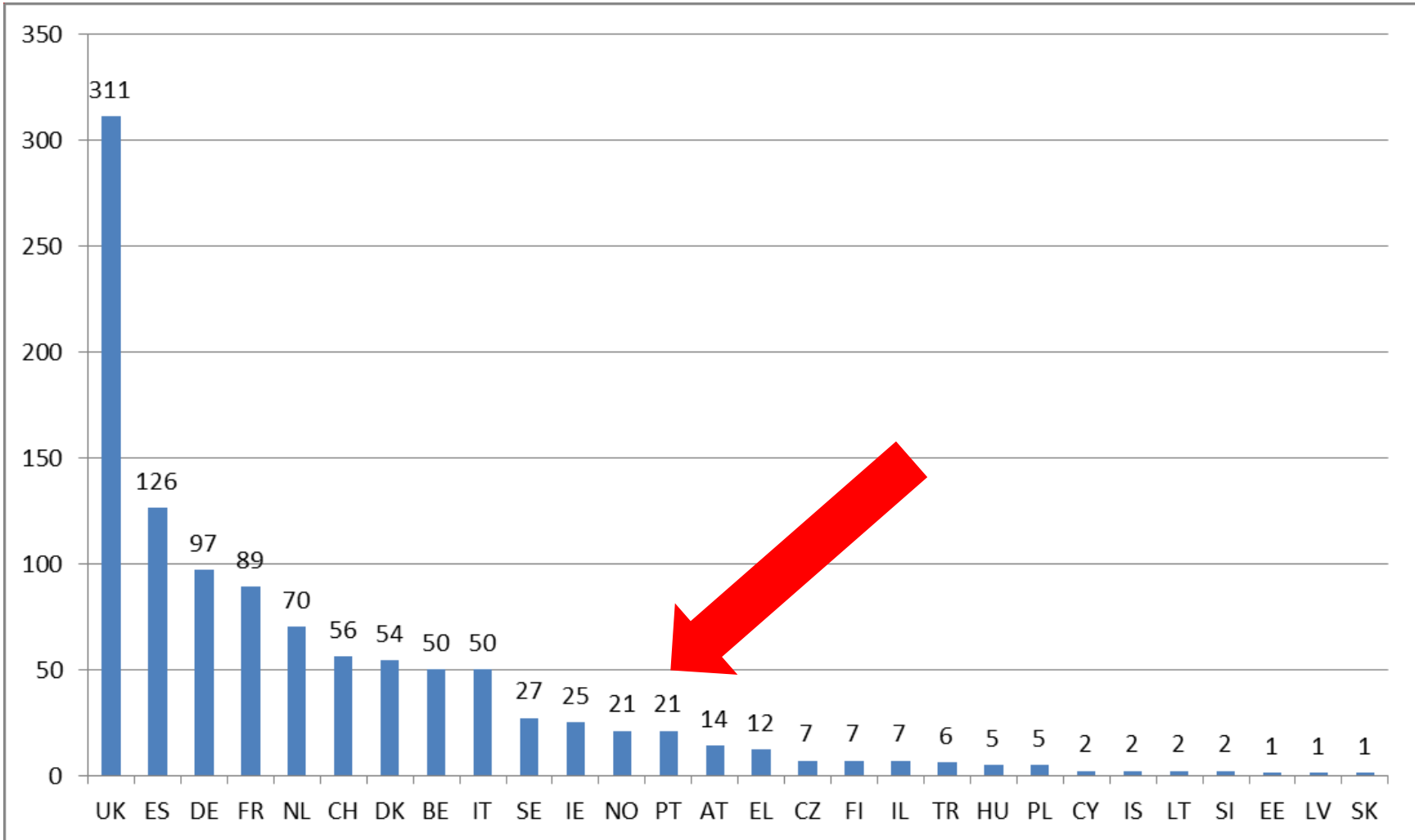
**8829 eligible submitted proposals**



# IF-EF 2016: A-list proposals by panel

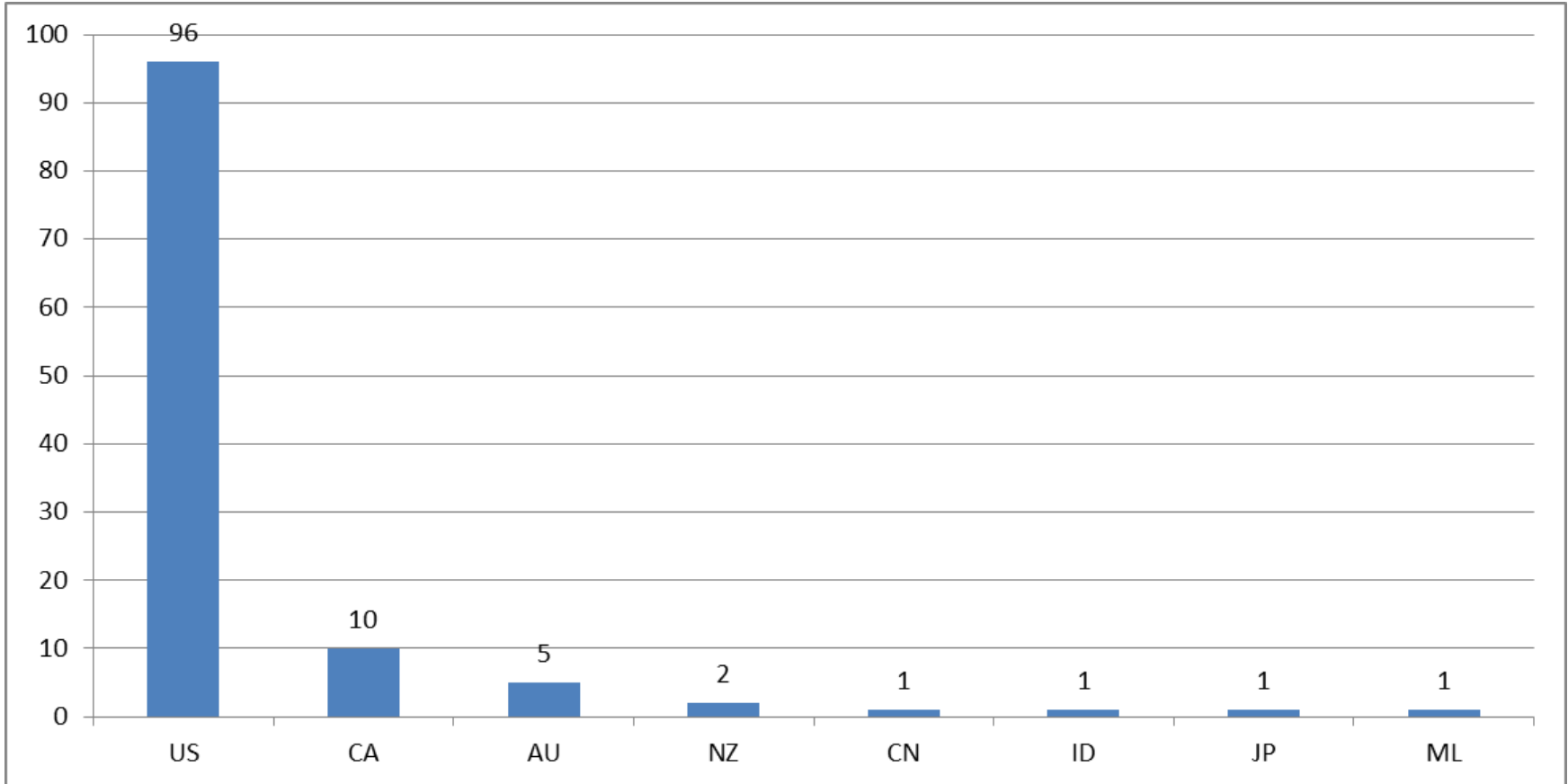


# IF-EF 2016: A-list per country

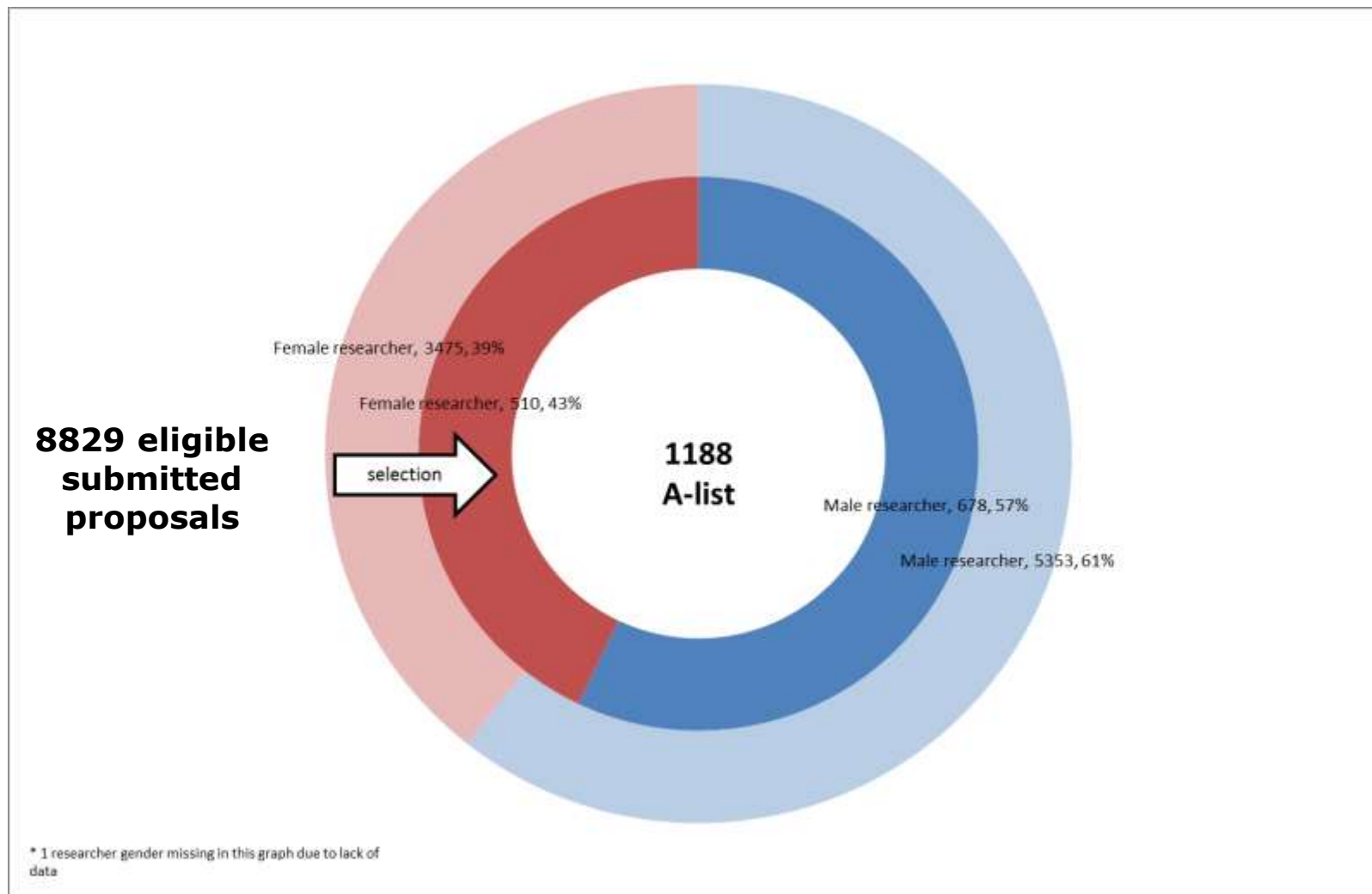




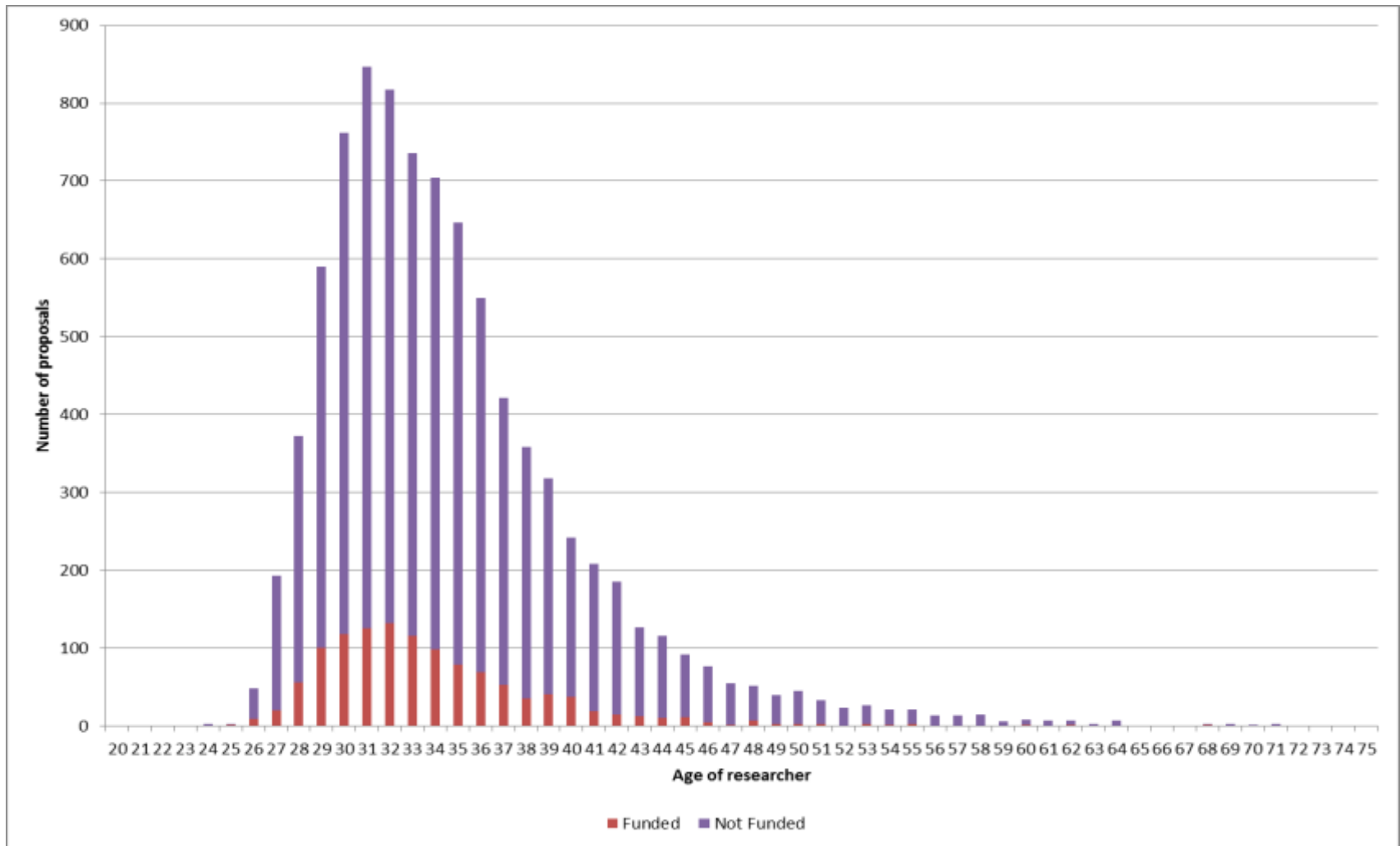
# IF-GF 2016: A-list per country (outgoing phase)



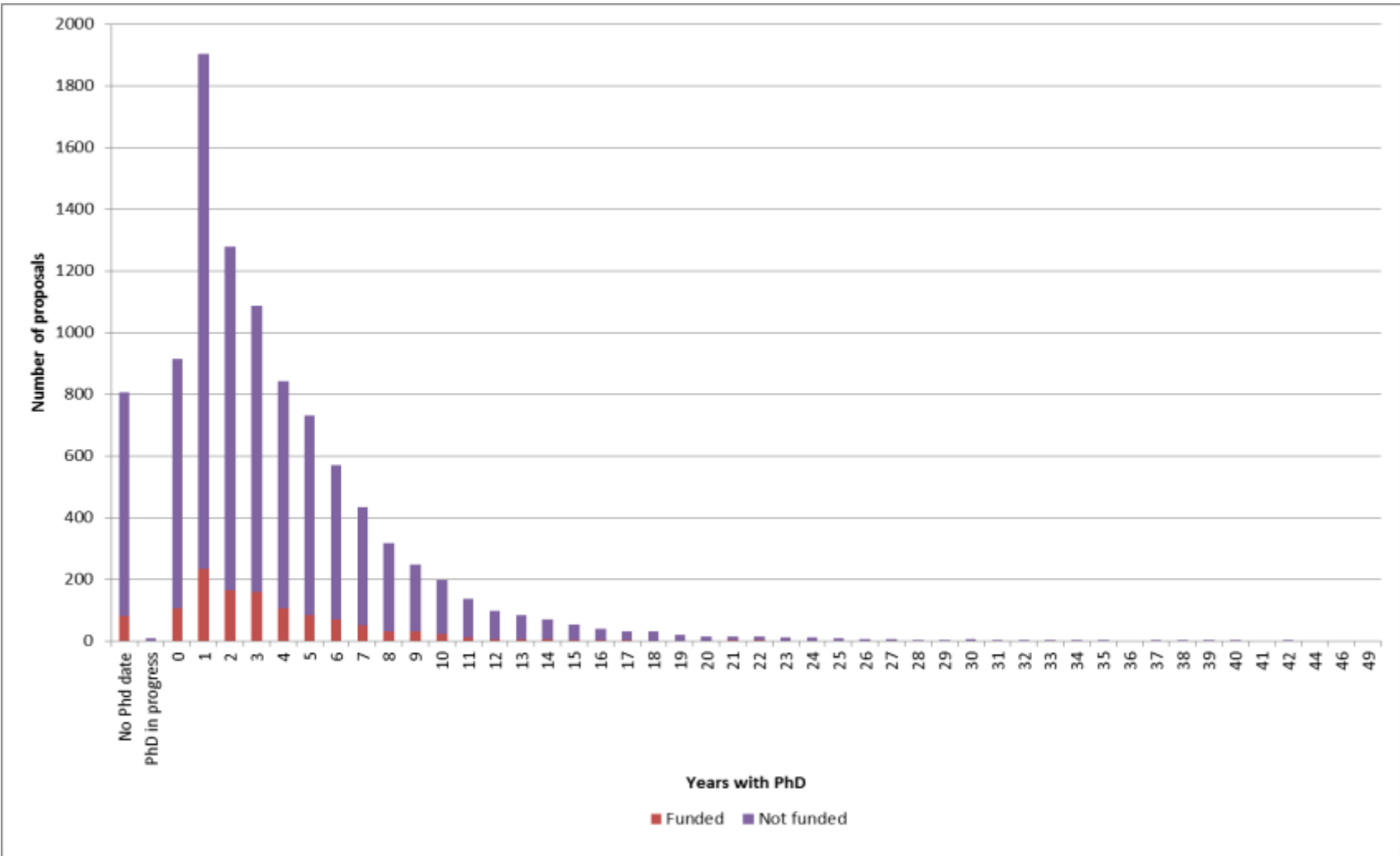
# Gender of researchers



# Researchers' Age



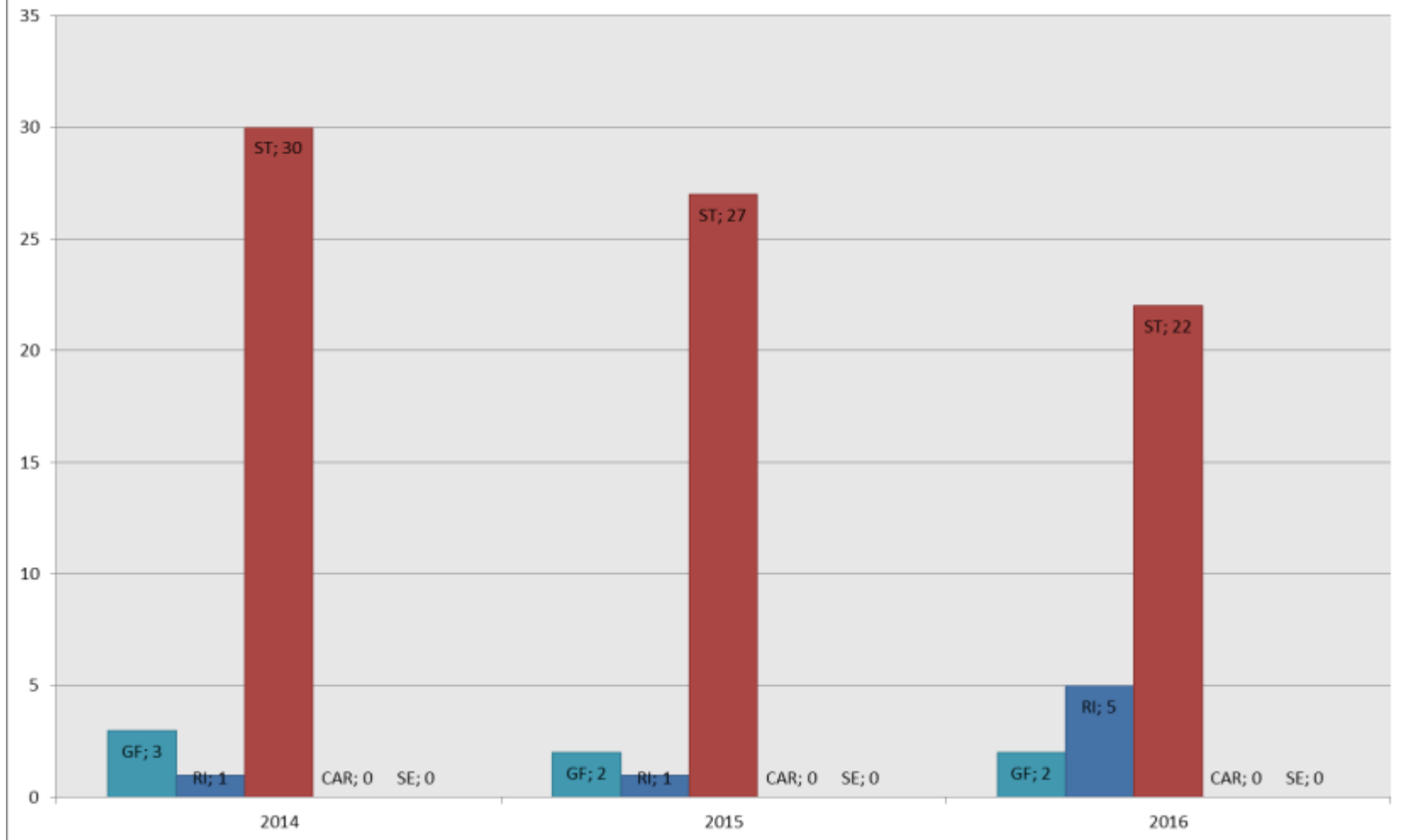
# Experience of the researchers



# Portugal in EF-GF

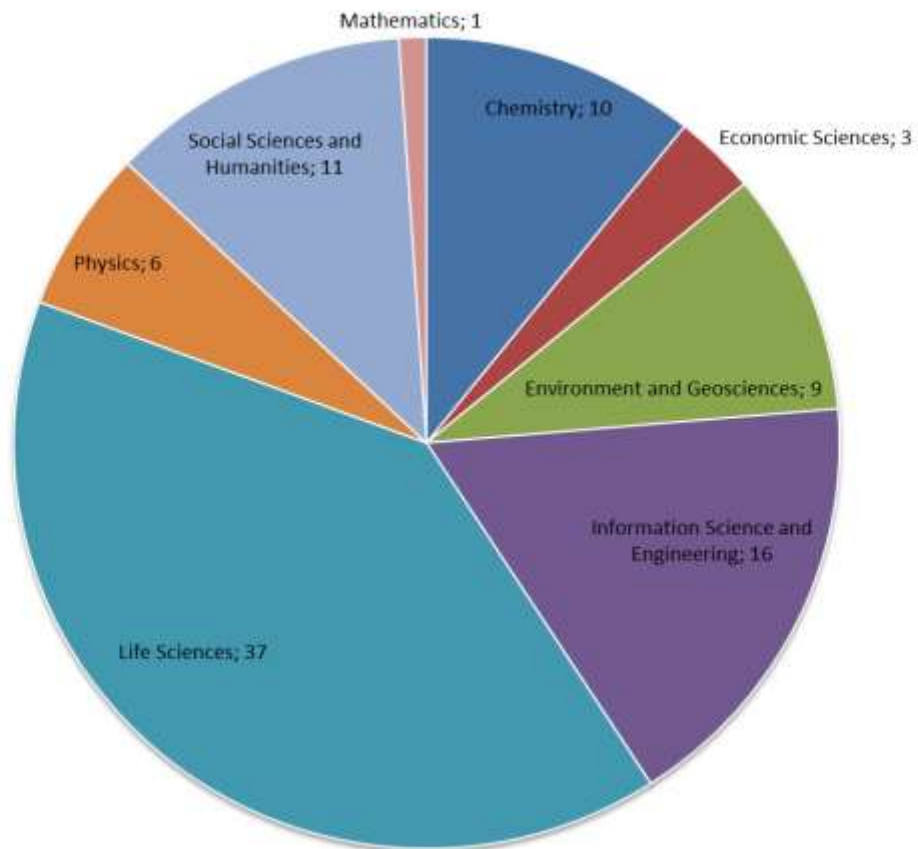


## Grants for PT nationals



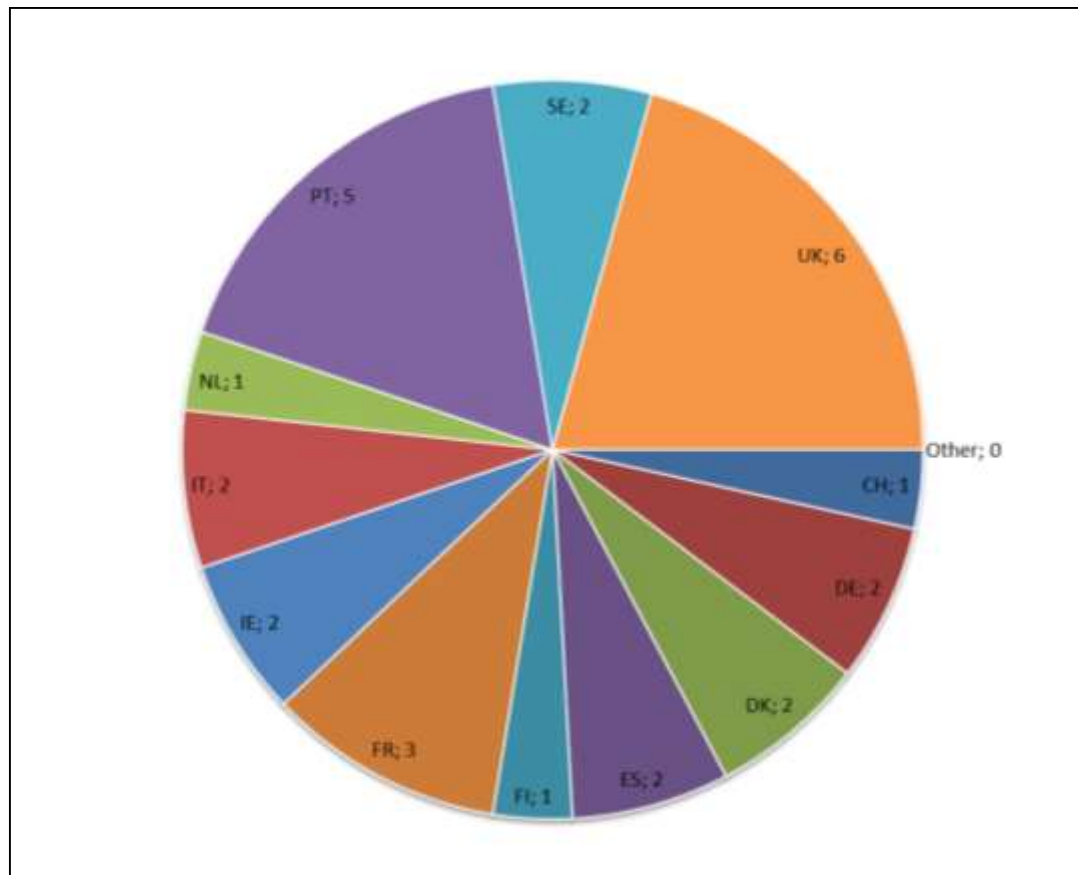


**Grants for PT nationals divided by scientific area (all years)**





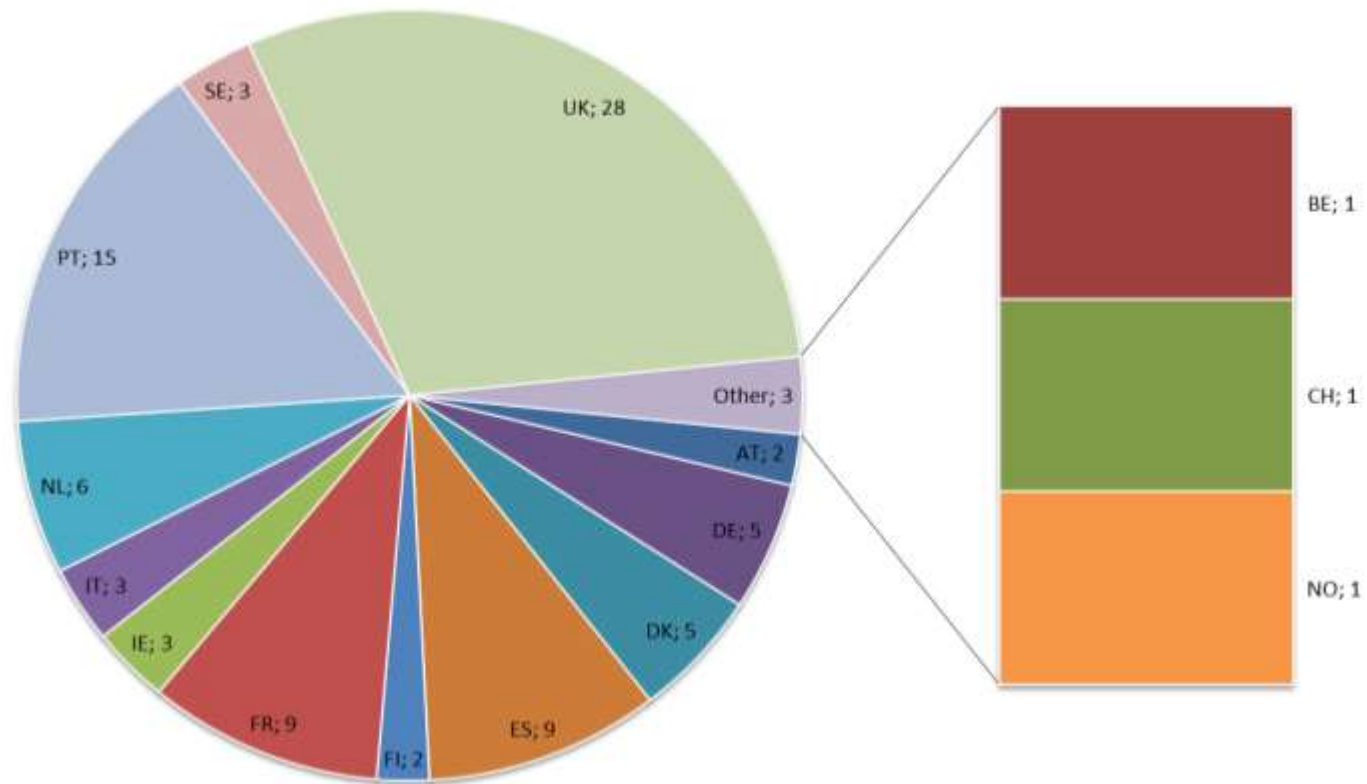
## Host countries for grants of PT nationals - 2016



# Portugal in EF-GF

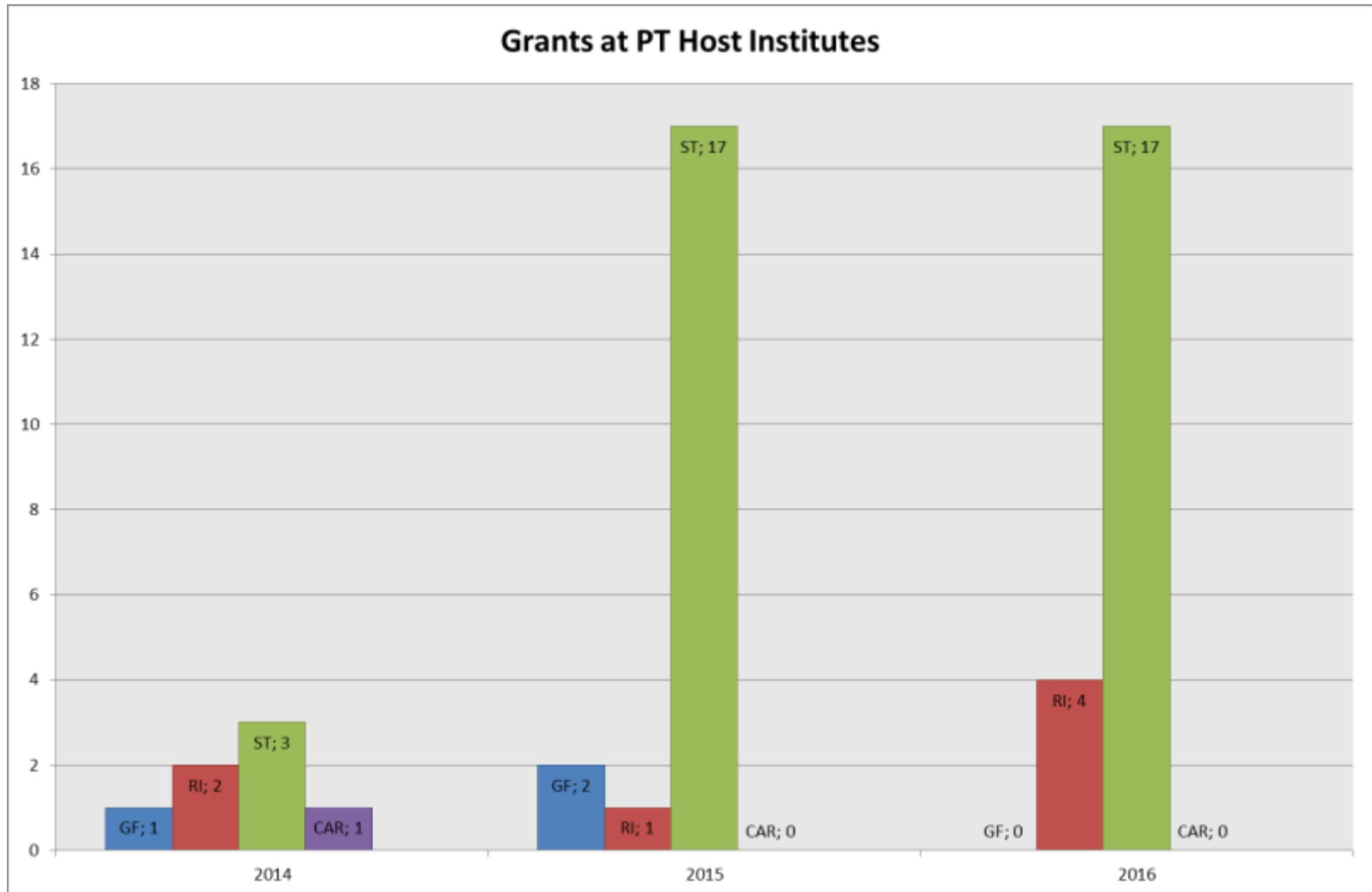


Host countries for grants of PT nationals - all years





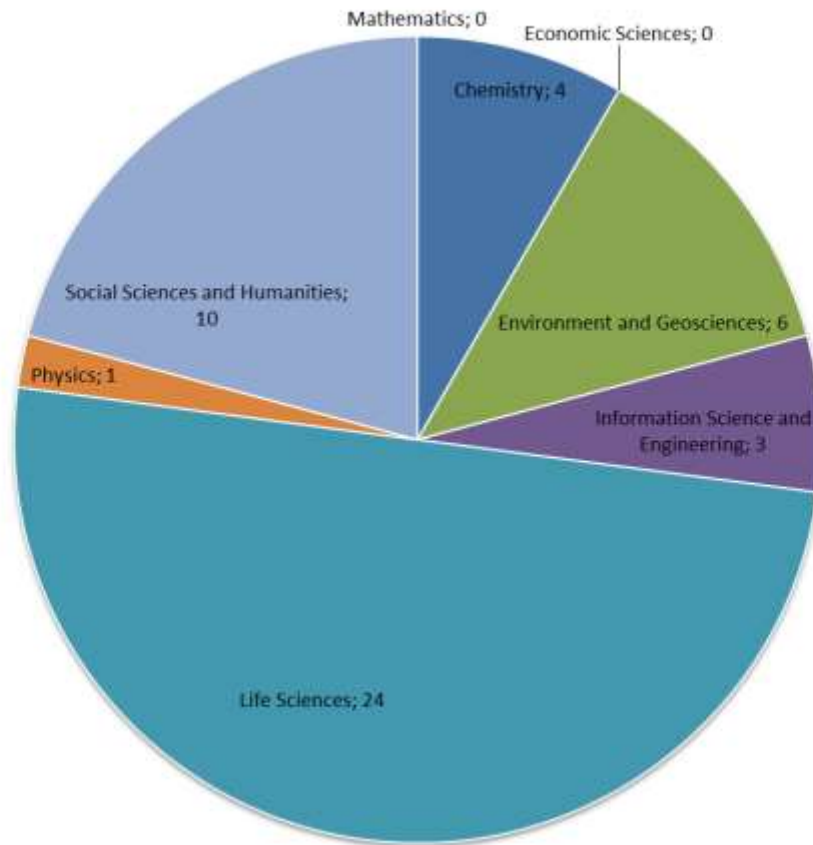
# Portugal in EF-GF



# Portugal in EF-GF



Grants at PT Host Institutes divided by scientific area (all years)



# Who can help you?



# NCP – National Contact Point



The screenshot shows the 'RESEARCH & INNOVATION Participant Portal' for National Contact Points. The page title is 'National Contact Points'. It includes a navigation menu with 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'SERVICES', and 'SUPPORT'. The main content area is titled 'National Contact Points' and contains the following text:

**Network of National Contact Points (NCPs)**

The network of National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance in all aspects of participation in Horizon 2020.

What is the NCP network?

NCPs are national structures established and financed by governments of the 28 EU member states and the states associated to the framework programme. NCPs give personalised support on the spot and in applicants' own languages. The NCP systems can vary from one country to another from highly centralised to decentralised networks, and a number of very different actors, from ministries to universities, research centres and special agencies to private consulting companies.

NCPs are also established in many non-EU and non-associated countries ("third countries").

**NCP services**

As the NCPs are national structures, the type and level of services offered may differ from country to country. In general, the following basic services are available in accordance with the [NCP Guiding Principles](#) agreed by all countries:

- Guidance on choosing relevant Horizon 2020 topics and types of action
- Advice on administrative procedures and contractual issues
- Training and assistance on proposal writing
- Distribution of documentation (forms, guidelines, manuals etc.)
- Assistance in tender search

**Search for your NCP**

Find the contact details of your national Horizon 2020 National Contact Point or those of your potential partner's country. You can search for NCPs in Member States, Associated Countries and Third countries. You can also search for NCPs by thematic areas or Fundings. Furthermore, you can look for an NCP who is specialised in Marie Curie actions. Hover over the NCP Countries to view the explanation of their specific responsibilities.

The third country NCPs listed below were nominated in the context of the Seventh Framework Programme. The list will be progressively updated for Horizon 2020, as necessary.

Search for:

Select the country: Member states: Austria, Belgium

Future and Emerging Technic: Marie Skłodowska-Curie, Infrastructure, Information and Communication

SMACK

Sort by: Country, Contact name, Prof. email, Organisation

Your country



MSCA





# H2020 manual

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## RESEARCH & INNOVATION

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### H2020 Online Manual

The H2020 Online Manual offers:

- an overview of all steps you need to know for the electronic management of proposals or grants;
- easy navigation by process steps;
- a brief descriptions on how to complete your tasks.

Links and references to:

- Guidance notes, templates
- User manuals of the relevant tools
- Frequently asked questions

[H2020 ONLINE MANUAL](#)



## **Marie Skłodowska-Curie Actions Website**

**<http://ec.europa.eu/mariecurieactions>**

## **Horizon 2020**

**<http://ec.europa.eu/research/horizon2020>**

## **Participant Portal (applications)**

**<http://ec.europa.eu/research/participants/portal/page/home>**

*Thank you for  
your attention!*

