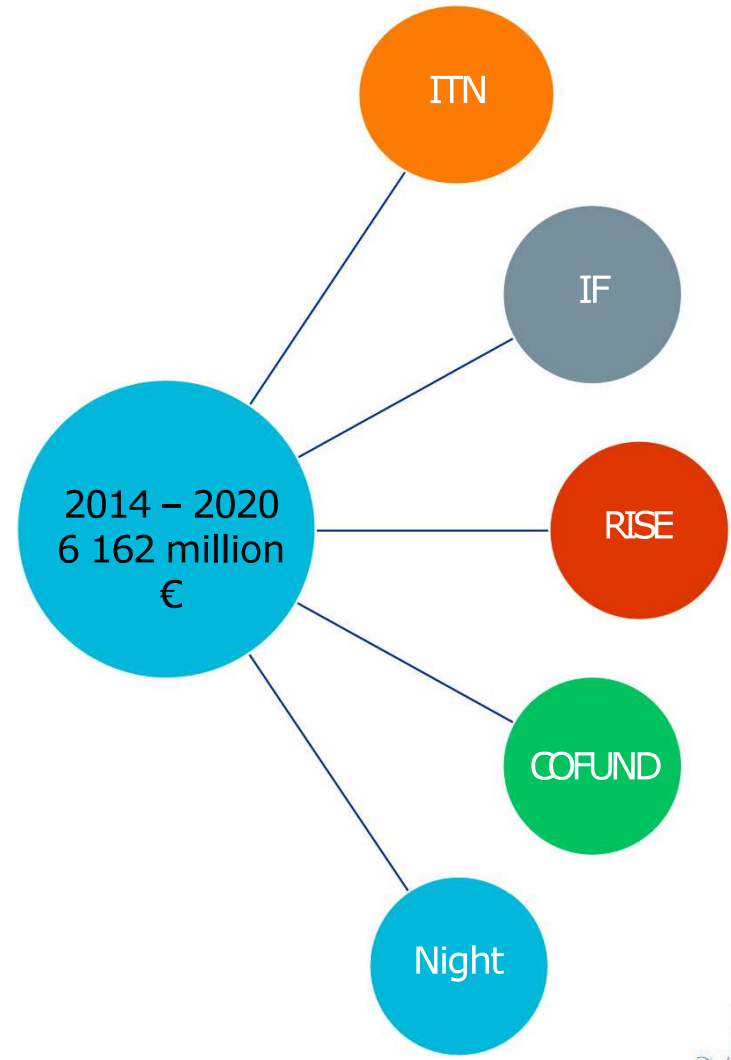
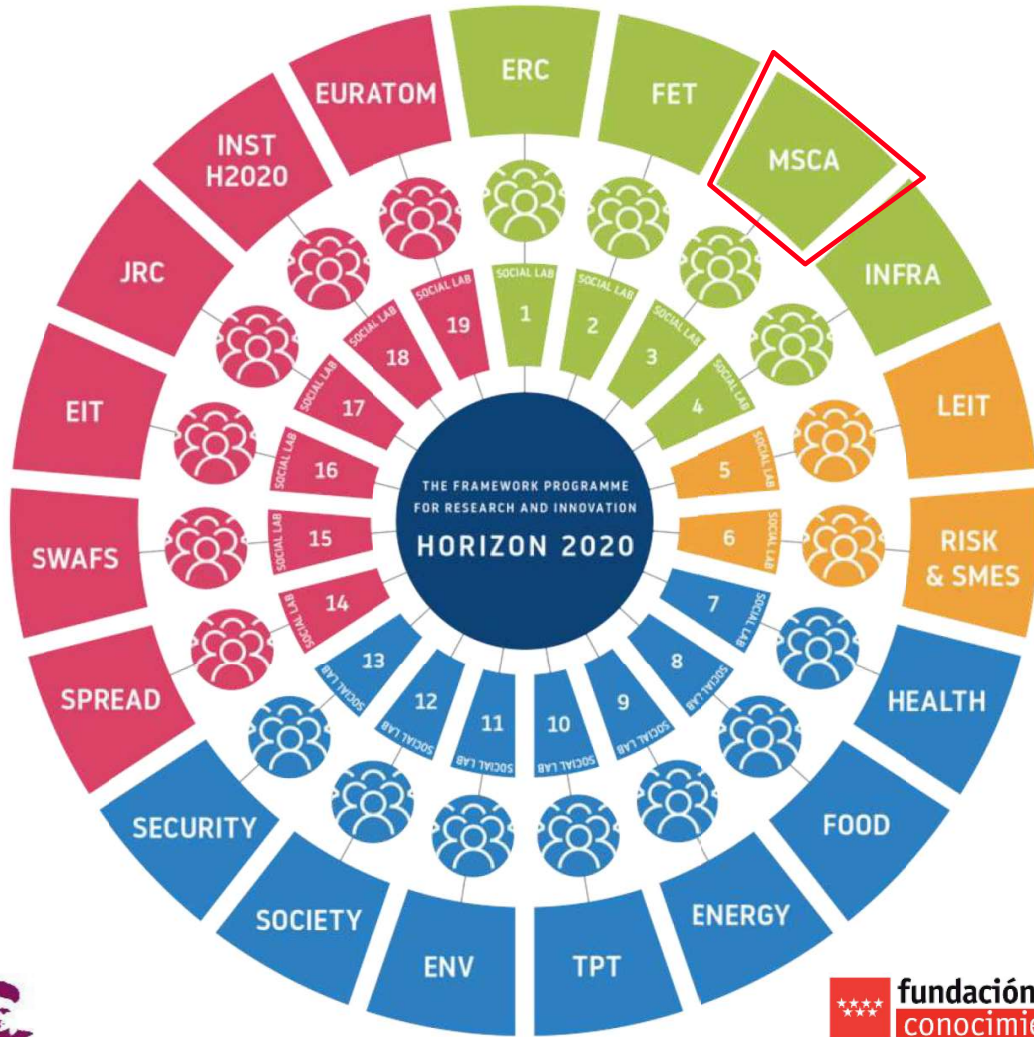


General introduction to MSCA



MSCA in Horizon 2020

www.madrimasd.org



fundación para el conocimiento madrid



MSCA Basics

Training for researchers 'at all stages



- **Excellent Science Pillar – Horizon 2020 (6,1M€)**
- Funding based on **Unit Costs**
- **Bottom-up** approach

Some key concepts:

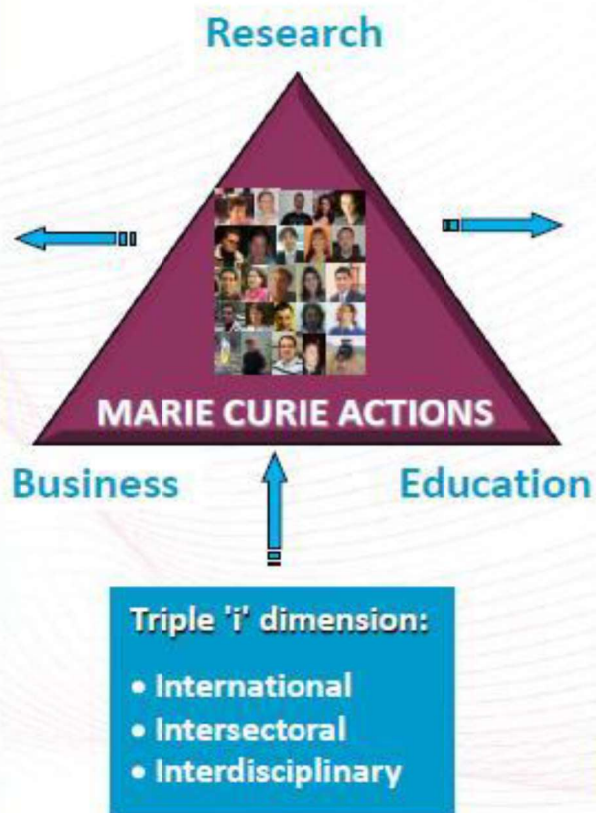
- **Triple “i” Mobility**
- **Strong industry participation**
- Acquisition of **new and complementary skills**
- Emphasis on communication and **public engagement activities**
- **Excellent working conditions, gender balance and open recruitment**



MSCA: Some policy background

INNOVATION UNION - ERA

- 1 million more researchers
- Improve quality of doctoral training
- Involve businesses in doctoral training
- Attractive employment conditions
- ERA attractiveness
- Gender Balance
- Competitiveness of knowledge base enterprises, including SMEs
- Exploitation of results, commercialisation of research
- Leveraging national policies and programmes
- International cooperation
- Open access, dissemination



The Agenda for NEW SKILLS and JOBS

- Equip researchers with relevant skills that will match both public and private sector needs
- Improve career prospects of doctoral candidates

YOUTH On the MOVE

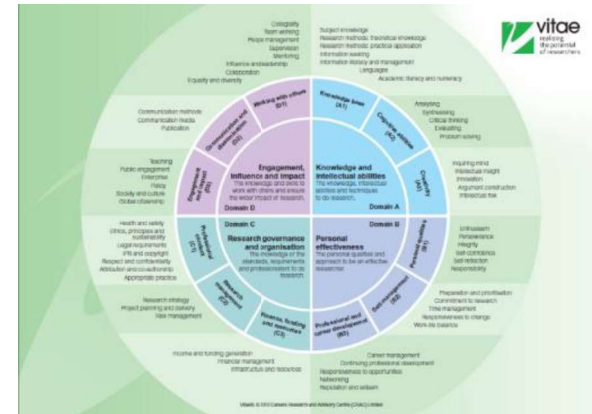
- Promote researchers mobility across sectors, countries and disciplines

Modernisation of HIGHER EDUCATION

- Attractiveness of European universities
- Stronger links between universities and businesses

MSCA: focus on researchers' career development

- European vision and **strategy to support the profesional career development of researchers:** support groups, EU projects....
- MSCA: training of **researchers' scientific and transferable skills**
- Ensure Europe's **capacity to attract the best and offer the best conditions**
- Horizon 2020 Beneficiaries will have to endorse, implement and follow HR Policies.



2018/2020 MSCA Calls: 2.871M€ / 6.162M€ H2020

Marie Skłodowska-Curie Actions

 ITN Innovative Training Networks	 IF Individual Fellowships	 RISE Research & Innovation Staff Exchange	 COFUND Co-Funding of Regional, National & International Programmes
What does it offer? High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.	What does it offer? Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.	What does it offer? The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.	What does it offer? Regional national or international programmes to foster excellence in training mobility and career development of researchers
Who applies? International networks of research organisations from the academic and non-academic sectors	Who applies? Individual researchers together with the host organisations	Who applies? International networks of research organisations from the academic and non-academic sectors	Who applies? Organisations funding or managing doctoral or fellowships programmes
Who is funded? Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)	Who is funded? Postdoctoral researchers	Who is funded? Researchers, technical administrative and managerial staff of any nationality and at all career levels	Who is funded? Researchers at doctoral and postdoctoral level
Call details: Opens: 15 September 2016 Closes: 10 January 2017 at 17:00:00 Brussels time Budget: 430M€	Open now	Call details: Opens: 1 December 2016 Closes: 5 April 2017 at 17:00:00 Brussels time Budget: 80M€	Open now



Calls MSCA 2018/2020: 2.871,88M€

Call ID	Call Opens	Call Deadline	Budget (Mio EUR)
H2020-MSCA-ITN-2018	12-10-2017	17-01-2018	442.00
H2020-MSCA-ITN-2019	13-09-2018	15-01-2019	470.00
H2020-MSCA-ITN-2020	12-10-2019	09-01-2020	525.00
H2020-MSCA-IF-2018	12-04-2018	12-09-2018	273.00
H2020-MSCA-IF-2019	11-04-2019	11-09-2019	294,5
H2020-MSCA-IF-2020	08-04-2020	09-09-2020	325.00
H2020-MSCA-RISE-2018	22-11-2018	21-03-2018	80.00
H2020-MSCA-RISE-2019	04-12-2018	02-04-2019	80.00
H2020-MSCA-RISE-2020	05-12-2019	07-04-2020	80.00
H2020-MSCA-COFUND-2018	12-04-2018	27-09-2018	80.00
H2020-MSCA-COFUND-2019	04-04-2019	26-09-2019	90.00
H2020-MSCA-COFUND-2020	08-04-2020	29-09-2020	100.00
H2020-MSCA-NIGHT-2018	07-11-2017	14-02-2018	12.00
H2020-MSCA-NIGHT-2020	08-10-2019	08-01-2020	08.00

- EF(ST/CAR/RI): 236,5 M€
- EF(SE): 8 M€
- GF: 50 M€ EUR

MSCA IF 2019 Call



MSCA Objectives

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

- Support of the researchers´ **career path** at all stages
- **Mobility** is a key requirement: triple "i" dimension
- Adquisition of new and **complementary skills**
- **Strong industry participation**
- **Excellent working conditions**, gender balance and open recruitment
- **Communication** and **public engagement activities**
- **Bottom-up** approach

CHE Chemistry	SOC Social Sciences and Humanities	ECO Economic Sciences	ENG Information Science and Engineering	ENV Environmental and Geosciences	LIF Life Sciences	MAT Mathematics	PHY Physics
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Eligible researchers

Candidates must, by the call deadline (11 September):

Be experienced researchers:

- having a doctoral degree.
- at least 4 years of full-time equivalent research experience.



Comply with the mobility rule:

- Candidates must not have **lived and/or worked** in the country of the host institution for a certain period of time.
- For GF this rule applies at the country of the partner organisation.

Nationality restrictions apply in some cases:

- **RI:** nationals or long term residents in MS or AC.
- **GF:** nationals or long term residents in MS or AC



MSCA IF 2019: one call, two modalities, five panels

EUROPEAN FELLOWSHIPS

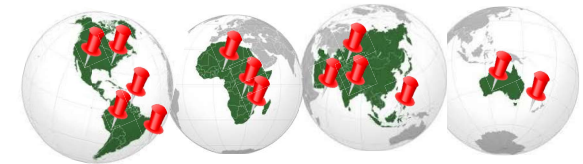
MS/AC



- For fellows coming to or moving within European countries.
- If moving to a Widening country there will be a second chance to be funded.

GLOBAL FELLOWSHIPS

TC



- For fellows from Europe* going to a third country.
- Transfer of knowledge, through a Return Phase to Europe is mandatory.

European Fellowships: how to choose my panel

EUROPEAN FELLOWSHIPS

Standard Panel (ST)

Reintegration Panel (RI)

Career Restart Panel (CAR)

Society and Enterprise Panel (SE)

Widening Fellowships (WF)

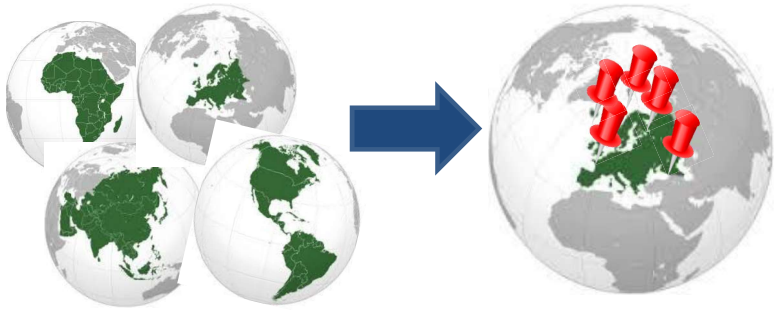
- Compliance with specific requirements.
- Available budget
- Success rate

SE	8M€
CAR	Shared Budget of 236.49M€
RI	
ST	

SE	Highest success within IF rate due to novelty and difficulty to find a non-academic host.
CAR	Doble weight during budget distribution.
RI	One and half weight during budget distribution.
ST	One weight during budget distribution.



MSCA IF – European Standard (EF)



- **Shared EF Budget 2018:** 220 M€
- **Shared EF Budget 2019:** 236.49 M€
- **Success rate 2018:** 12,40 %
- **Cut off score 2018:** 89,4 (ECO) – 93,6 (LIF)

For **fellows coming or moving within Europe.**

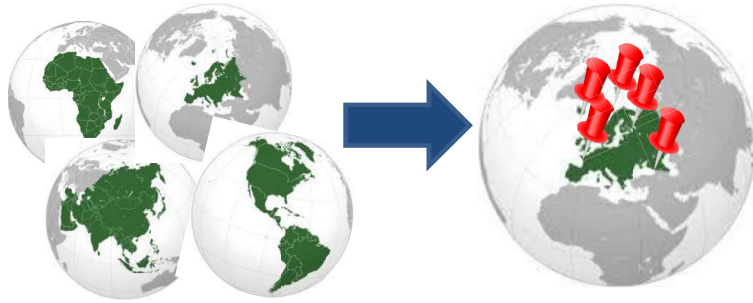
- **Mobility Rule:** can not have lived/carried out research activity in the country for more than 12 months in the last 36 months prior to deadline (**11/09/2019**) .
- No restriction to nationality applies, can come from any country in the world.
- 8 scientific panels:

CHE Chemistry	SOC Social Sciences and Humanities	ECO Economic Sciences	ENG Information Science and Engineering	ENV Environmental and Geosciences	LIF Life Sciences	MAT Mathematics	PHY Physics
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- Duration of the project between **12 and 24 months.**



MSCA IF – Reintegration Panel (RI)



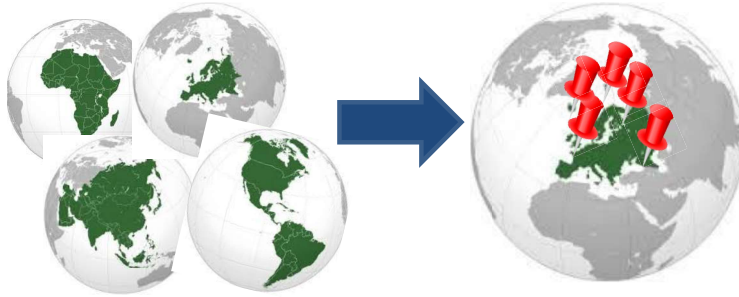
- **Shared EF Budget 2018:** 220 M€
- **Shared EF Budget 2019:** 236.49 M€
- **Success rate RI 2018:** 19,39 %
- **Cut off score RI 2018:** 92,4

For **European*** researchers who want to return from a TC and reintegrate in Europe.

- **Direct mobility** from a TC.
- Relaxed Mobility Rule: no more than 3 years in the 5 years previous to call deadline.
- Restriction to nationality: **Nationals or long-term residents of a MS or AC.*
- Multidisciplinary panel.
- Duration of the project between **12 and 24 months.**



MSCA IF – Career Restart Panel (CAR)



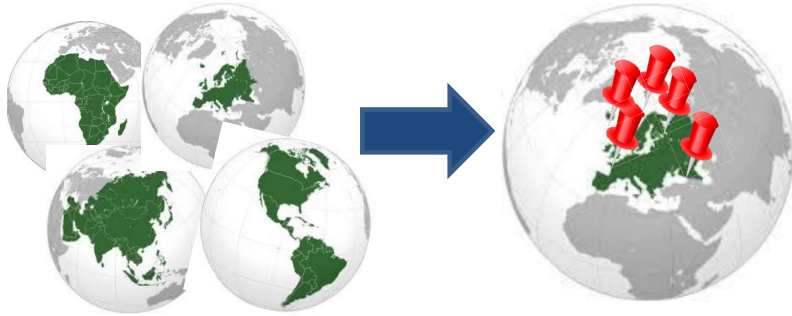
- **Shared EF Budget 2018:** 220 M€
- **Shared EF Budget 2019:** 236.49 M€
- **Success rate CAR 2018:** 17,97 %
- **Cut off score CAR 2018:** 91,2

For **researchers who want to resume research in Europe after a career break.**

- **Career break:**
 - * *the researcher must not have been active in research for a continuous period of 12 months between 12 March 2018 and 11 September 2019 (18 months).*
- Relaxed Mobility Rule: no more than 3 years in the 5 years.
- No restriction to nationality applies.
- Multidisciplinary panel.
- Duration of the project between 12 and **36 months.**



MSCA IF – Society and Enterprise Panel (SE)



- **Budget 2018:** 8 M€
- **Budget 2019:** 8 M€
- **Success rate SE 2018:** 15,29 %
- **Cut off score SE 2018:** 87

For **researchers who want to pursue a project in a non-academic institution**

- **Relaxed Mobility Rule:** no more than 3 years in the 5 years.
- No restriction to nationality applies.
- Multidisciplinary panel.
- Duration of the project between 12 and 24 months.



MSCA IF – Widening Fellowships (WF)



27 Widening Countries in Horizon 2020

- **Shared EF Budget 2018:** 5 M€
- **Shared EF Budget 2019:** 6 M€
- **Proposals funded WF 2018:** 50 under IF and 33 under WF.

MSCA IF-EF applications (**GF are excluded**) to a widening country not awarded will have the chance to be funded through Spreading Excellence and Widening Participation Work program.

Applicants can only be considered for this additional funding opportunity (see **Annex 3**), by ticking "YES" to the question "***Do you wish to participate to the Widening Fellowships and thus increase your chances of being funded?***" in the application form.

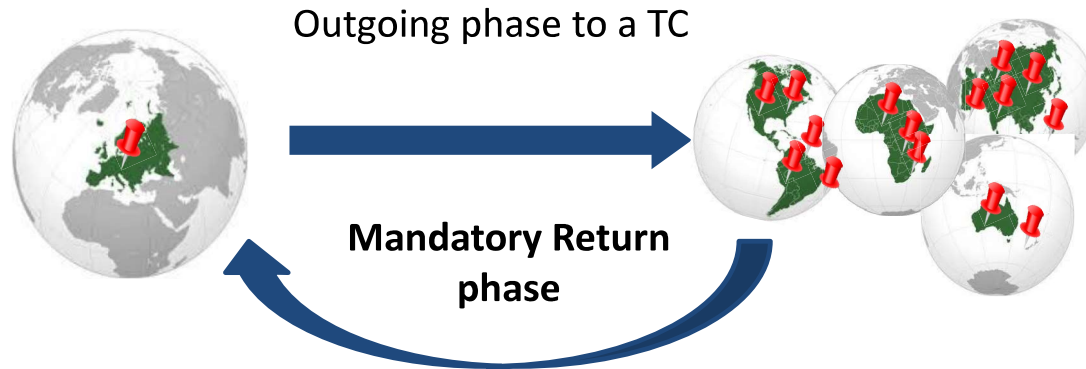
Applicants who do not reply, or tick "NO" to the above question, will not be considered for the WF call (but will be evaluated and ranked under the IF call, if eligible).

- No restriction to nationality applies.
- Normal award criteria, scoring and thresholds for MSCA – IF will apply.
- Single ranking list.

★ Member States: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia. Associated Countries: Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine.

maurice

MSCA IF – Global Fellowships (GF)



- **Budget 2019:** 50 M€
- **Budget 2018:** 45 M€
- **Success rate GF 2018:** 21,68 %
- **Cut off score GF 2018:**
90 (ENG) - 94,2 (MAT)

- For **fellows from Europe*** going to a third country (TC):
**The researcher must be national or long-term resident (5 years continuous legal residence) of a MS or AC.*
- Comply with the **mobility rule at the TC:**
The researcher must not have lived or worked in this TC for more than 12 months in the last 36.
- An **up-to-date letter of commitment** from the partner organisation is **needed.**
- **Outgoing phase of 12-24 months**
- **Mandatory return phase of 12 months in Europe:**
**The fellowship can start with a justified maximum-3-months-stay at a European institution (the beneficiary or a partner organization).*



MSCA IF Mobility Rules

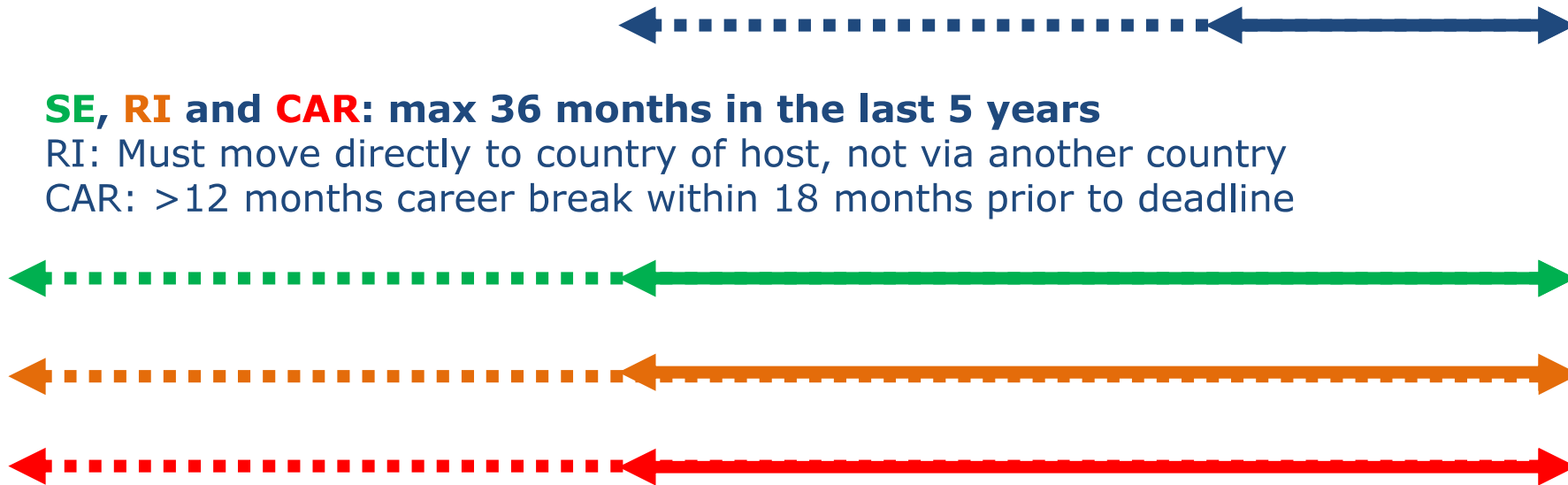
ST and **GF**: max 12 months in last 3 years
GF: Mobility rule applies to outgoing host country



SE, RI and CAR: max 36 months in the last 5 years

RI: Must move directly to country of host, not via another country

CAR: >12 months career break within 18 months prior to deadline



**11 SEPT
2019**

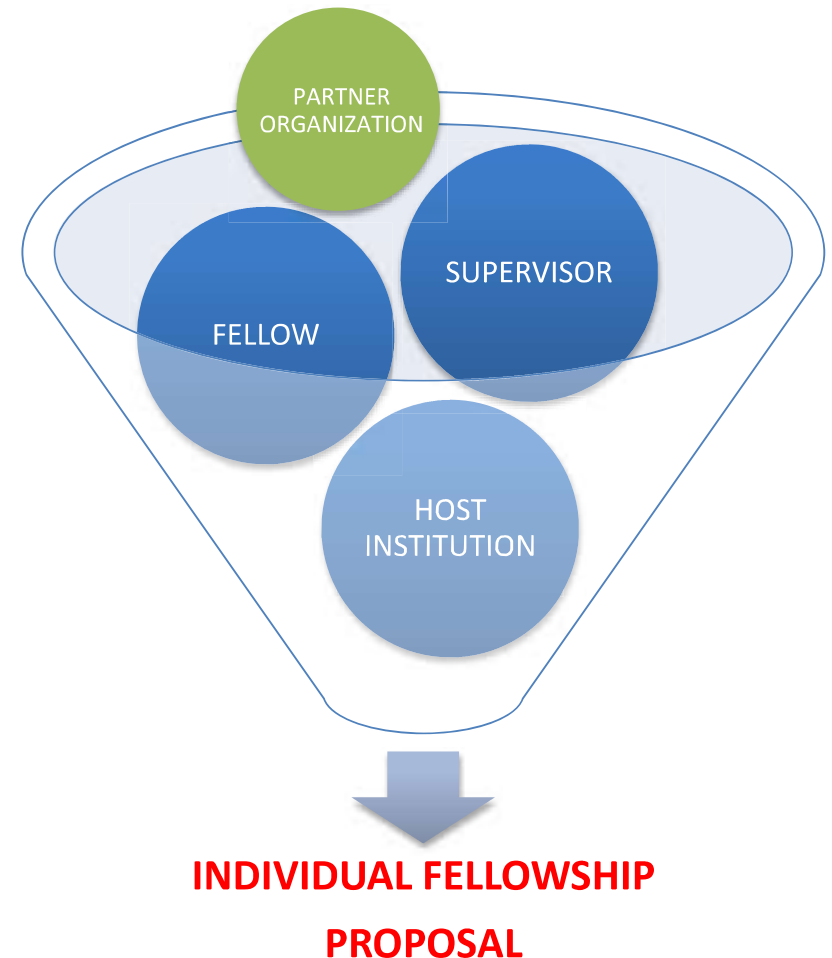
12 MARCH 2018

CAREER BREAK MAX PERIOD



Application/Contractual Process

- **Joint preparation:** between the fellow (ER) and the Host Institution (supervisor: mentor the ER during his / her recruitment period – EC Contact Person)
- **Fellow:** the researcher appointed by the beneficiary to implement the research project described in the application. A researcher (ER) can only submit **one proposal** to one implementation mode.
- **Supervisor:** The scientist appointed at the beneficiary to supervise the researchers throughout the whole duration of the action.
- For GF a co-supervisor must be appointed at the partner organization.
- A supervisor can supervise several fellows.



MSCA IF Funding Model

MSCA	Researcher Unit Cost (person/month)			Institutional Unit Cost (person/month)	
	Living Allowance *	Mobility Allowance	Family Allowance	Research, training and networking	Management and overheads
IF	4.880	600	500	800	650

RESEARCHER UNIT COST

Living Allowance:

- CCC: country correction factor applies (host country)
- Gross EU contribution living allowance: 58.560€/year (- cuota patronal, - taxes, - S.S...) before taxes!

Family Allowance: determined at the submission deadline

INSTITUCIONAL UNIT COST

Research, training and networking costs:

- Purchase of material, organisation and travel to events, payment of conferences fees, etc.

Management and overheads:

- Indirect costs for institutions

- Budget pre-calculated by EC, base on unit costs
- 100% financing**



MSCA IF 2019 Calendar

Call IF 2019: 294.49M€

Call ID	Opens	Closes	Budget
H2020-MSCA-IF-2019	11-APRIL-2019	11-SEPTEMBER-2019	EF: 236.49 M€ SE: 8.00M€ GF: 50.00 M€

Timetable for the H2020-MSCA-IF-2019 Call (8 months TTG)



Sucess rates MSCA IF 2019

***Expected: subject to signature of all proposals in GAP**

14% overall expected success rate

Success Rate				
ST	CAR	RI	SE	GF
12.40%	17.97%	19.39%	15.29%	21.68%

	Eligible	Main List
MSCA-IF-EF	8855	1173
MSCA-IF-GF	821	178

Proposals received: 9.830

Proposals elegendible: 9.676

Proposals in main list: 1.351

Proposals in reserve list: 721

