

# Marie Skłodowska-Curie Actions in H2020

H2020-MSCA-RISE-2018-2020



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Research Programme Officer Engineering Panel Leader – A3

22th November 2017

Research Executive Agency

# **SUMMARY**



- 1. HORIZON 2020
- 2. Marie Skłodowska-Curie Actions in H2020
- 3. MSCA funding opportunities



- 4. Evaluation criteria
- 5. Participant Portal
- 6. MSCA Experts





## **HORIZON 2020**

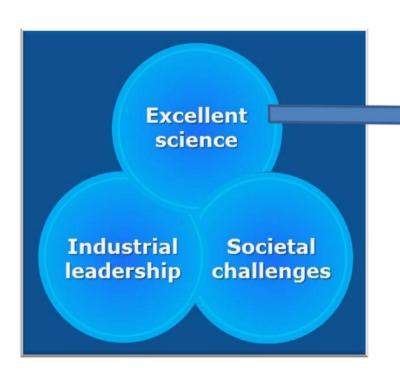


- Biggest EU Research and Innovation programme ever (€80 billion available for 2014 to 2020)
- Expected outcomes: taking great ideas from the lab to the market
- Strategy "Coupling research and Innovation"
  - 1. Excellent Science
  - 2. Industrial leadership
  - 3. Tackling societal challenges





# Marie Skłodowska-Curie Actions (MSCA)



## **MSCA Objective**

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

**Budget 2014-2020: € 6.162 billion** 







## **Marie Skłodowska-Curie Actions**



## ITN

## Innovative Training Networks

#### What does it offer?

High-quality research training delivered through international and interdisciplinary networks, industrial doctorates or joint doctorates

#### Who applies?

International networks of research organisations from the academic and nonacademic sectors

#### Who is funded?

Researchers at doctoral level (less than four years of full-time research experience and no doctoral degree)



### IF

## Individual Fellowships

#### What does it offer?

Opportunities to work on personal research projects by moving between countries and possibly sectors to acquire new skills

#### Who applies?

Individual researchers together with the host organisation

#### Who is funded?

Postdoctoral researchers



### **RISE**

## Research and Innovation Staff Exchange

#### What does it offer?

The exchange of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge

#### Who applies?

International networks of research organisations from the academic and non-academic sectors

#### Who is funded?

Researchers, technical, administrative and managerial staff of any nationality and at all career levels



### **COFUND**

## Co-Funding of Regional, National and International Programmes

#### What does it offer?

Regional, national or international programmes to foster excellence in researchers' training, mobility and career development

#### Who applies?

Organisations funding or managing doctoral programmes or fellowship programmes

#### Who is funded?

Researchers at doctoral and postdoctoral level



# PARTICIPATING ORGANISATIONS





## **Academic sector**

- public /private higher education establishments awarding academic degrees
- ✓ public /private non-profit research organisations whose primary mission is to pursue research
- ✓ international European interest organisations (e.g. CERN, EMBL)



## **Non-academic sector**

- ✓ any entity not included in the academic sector:
- ✓ e.g. large companies, SMEs, NGOs, museums, hospitals
- ✓ international organisations (e.g. UN, WHO)



Standardised legal validation of entities is applied to determine the category of each beneficiary

# ELIGIBLE RESEARCHERS



Early-Stage Researchers (ESR)

No PhD < 4 years of experience

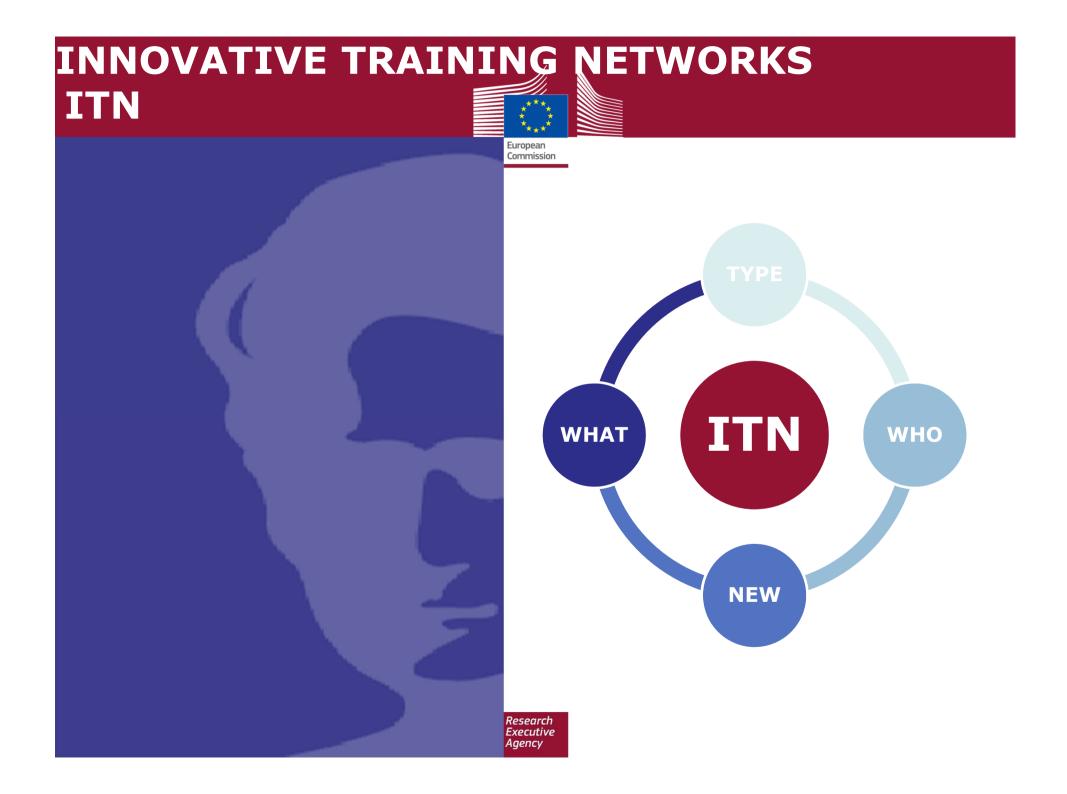


Experienced Researchers (ER)

PhD or > 4 years of experience







## ITN: KEY FEATURES



- Research, Training, Supervision
- Innovation, Training and Excellent Research
- International, multidisciplinary, inter-sectoral networks of organisations
- Any scientific domain
- Recruiting of only Early-Stage Researchers
- <u>EURAXESS</u> portal for vacancies
- Secondments
- Project duration up to 48 months



## **TYPE OF ITN SCHEMES**



**ETN** 

European
Training
Networks

Participants implement a joint research programme

EID

**European Industrial Doctorates** 

Doctoral training with the non-academic sector

EJD

European Joint Doctorates

Doctoral programme to deliver joint degrees

Min. 3 beneficiaries from any sector from 3 different MS/AC

**540PM** 

Min. 2 beneficiaries from 2 different MS/AC: 1 academic + 1 non-academic sector 180PM

**540PM** 

Min. 3 beneficiaries from academic sector, awarding PhD from 3 different MS/AC

540PM>2 entities

## ITN: NEW FROM 2018





Recruitment: minimum 1 ESR per beneficiary



**Recruitment time:** fellows at least 50% in non-academic sector

Intersectoral secondments should be international between beneficiaries



At least 2/3 of fellows enrolled in a joint/double/multiple doctoral degree within Europe

## Application process

- Mandatory PIC (beneficiaries and partner organisations)
- **EJD**: template Letter of Commitment



# H2020-MSCA-ITN CALLS 2018 - 2020 European Commission

	ETN	EID	EJD
2018 12 Oct 2017 - 17 Jan 2018	375 million €	32 million €	35 million €
	Indicative overall budget: 442 million €		
2019 13 Sept 2018 - 15 Jan 2019	400 million €	35 million €	35 million €
	Indicative overall budget: 470 million €		
<b>2020</b> 12 Oct 2019 - 09 Jan 2020	Indicative overall budget: 525 million €		



# **ITN BUDGET**



# Institutional unit cost person/month

Research,
networking, training
costs

1 800 €

Management and
indirect costs

# Researcher unit cost person/month

Living allowance	3 270 €
Mobility allowance	600 €
Family allowance	500 €



# INDIVIDUAL **FELLOWSHIPS IF** European Commission **TYPE WHAT WHO NEW** Research Executive Agency

## **IF: KEY FEATURES**



Individual trans-national **fellowships** to the best and most promising experienced researchers

## **European Fellowships**

Career Restart Panel Reintegration Panel Society & Enterprise Panel

**Global Fellowships** 

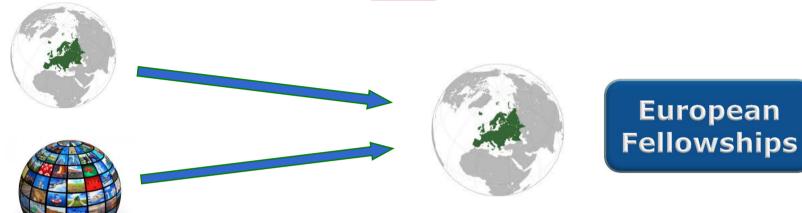
- ✓ Open to hosts from both academic and non-academic sectors
- ✓ Secondments to / from the non-academic sector: 3 6 months
- Career development with an inter-sectoral dimension
- Strengthening networking capabilities both for researchers and for organisations involved



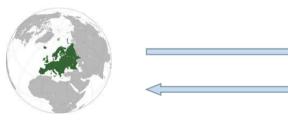
Mobility (rules)

## **IF SCHEMES**





For fellows coming to or moving within MS/AC (12-24 months)





Global Fellowships

For fellows from MS/AC going to Third countries (12-24 months) and returning to Europe (12 months)

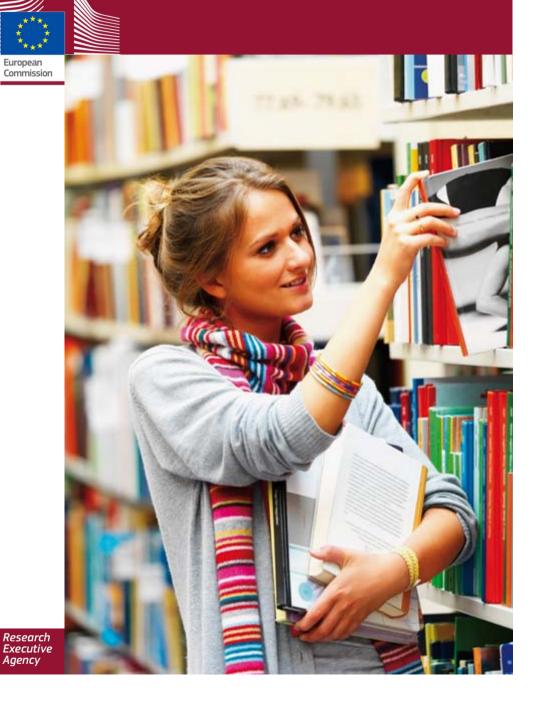


Total = 24/36 months



# TYPICAL IF PROJECT

- written by an Experienced Researcher
- includes a concrete plan of training-through-research
- implemented in the host organisation's premises
- under the direct Supervisor(s)' coordination

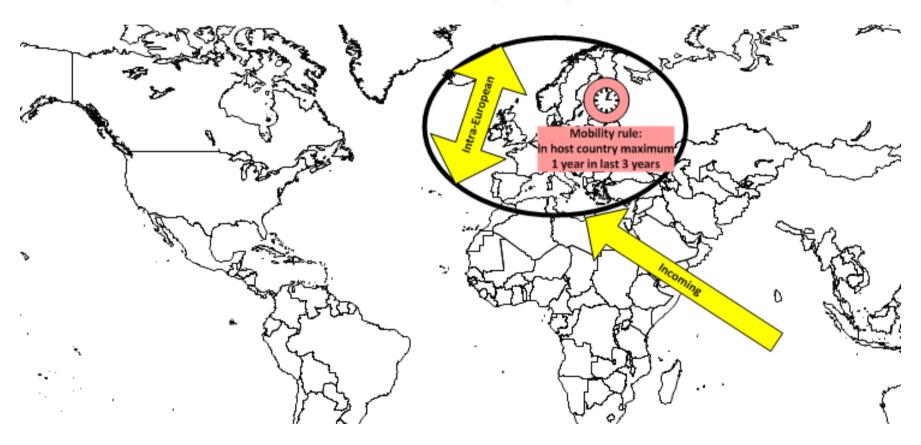


# STANDARD EUROPEAN FELLOWSHIPS EF-ST



# 8 Scientific panels

## **Nationality: any**

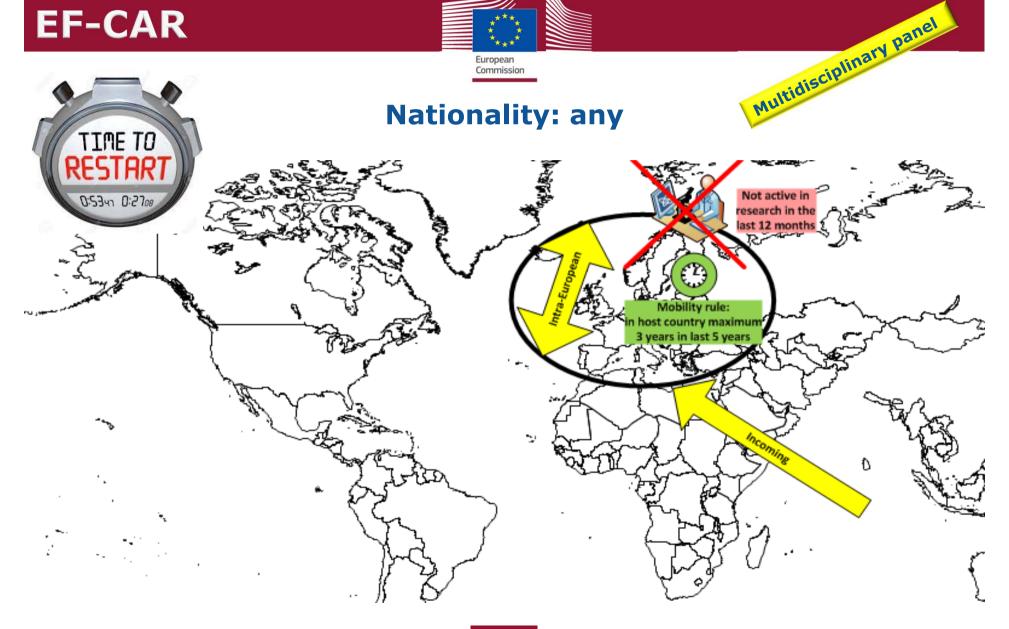


Chemistry
Social Sciences and Humanities
Economic Sciences
Information Science and Engineering



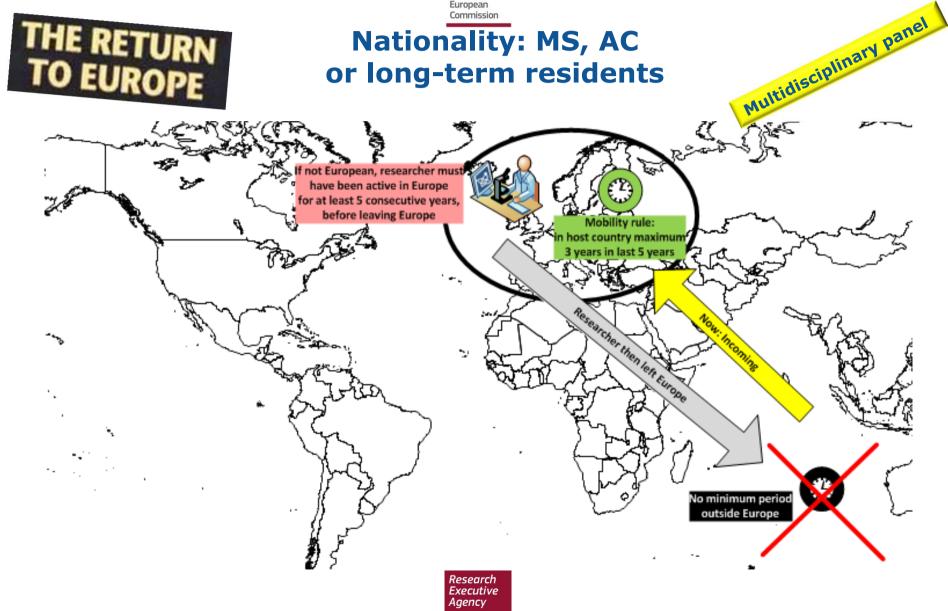
Environment and Geosciences
Life Sciences
Mathematics
Physics

# CAREER RESTART PANEL EF-CAR





# REINTEGRATION PANEL EF-RI



# SOCIETY AND ENTERPRISE PANEL

**NEW FROM 2016!** 

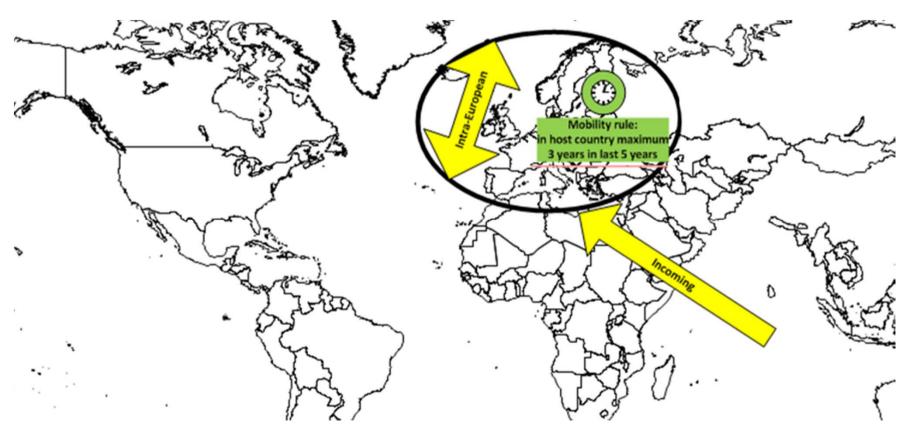
EF-S&E

NON ACADEMIC SECTOR

**Nationality: any** 

Commission

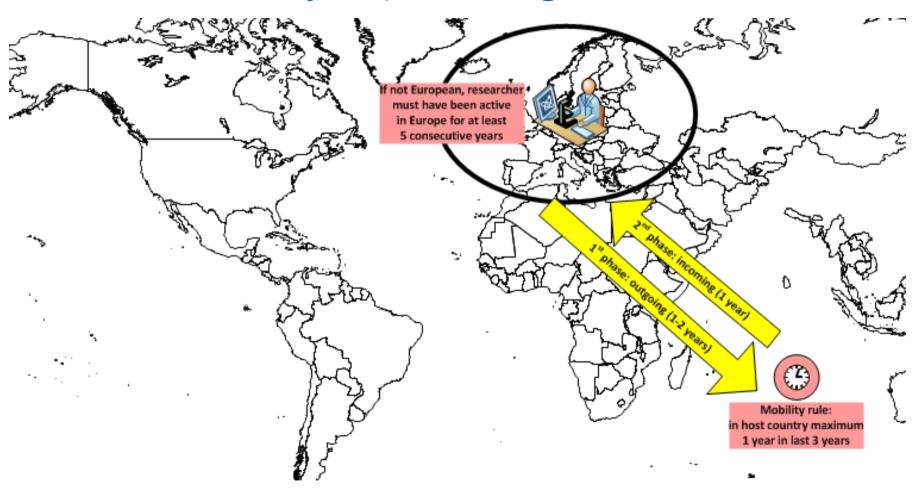
Multidisciplinary panel





# GLOBAL FELLOWSHIPS GF European Commission 8 Scientific Panels 8 Scientific Panels

## **Nationality: MS, AC or long-term residents**





# **IF BUDGET**

indirect costs



#### Researcher unit cost Institutional unit cost person/month person/month Research, 4 880 € Living allowance networking, training 800 € costs Mobility allowance 600 € Management and 650 € 500 € Family allowance



## NEW FROM 2018



- Part-time work option for Experienced Researchers (pilot)
- Career Restart Panel (CAR) strengthened
- Global Fellowships possibility to spend time at the European beneficiary before the outgoing mobility foreseen
- Teaching highlighted
- Dedicated Widening Fellowships for IF
- Society & Enterprise panel pilot continued in 2018

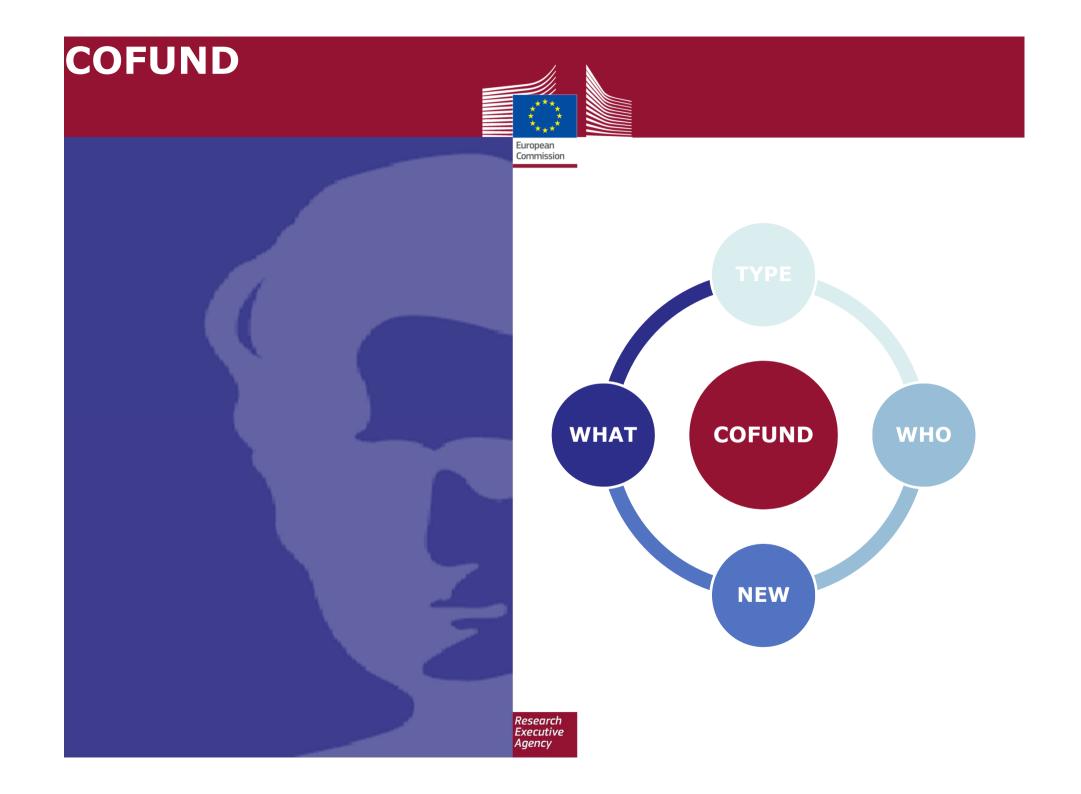


# H2020-MSCA-IF CALLS 2018 - 2020 European Commission

H2020-MSCA-IF call	2018	2019	2020
Opening & Closing date	12 April 2018- 12 Sept 2018	11 April 2019- 11 Sept 2019	08 April 2020- 09 Sept 2020
Budget	220 million €	237.62 million €	325 million €

2020: Indicative budget and deadlines





# COFUND: OBJECTIVES European Commission

✓ COFUND scheme aims at stimulating regional, national or international programmes

✓ Co-funding new/existing regional, national, and international programmes for international, inter-sectoral and interdisciplinary research training

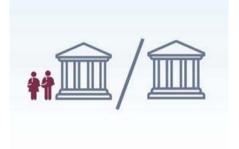
✓ At all stages of their career (ESR, ER)







- ✓ Budget: € 80 Million in 2017 (Doctoral Programmes: 30 Mio)
- ✓ Maximum € 10 Million per single applicant per call
- ✓ Duration of projects: min. 3 years, max. 5 years
- ✓ Fellowships: minimum 3 months
- ✓ EU contribution to cover living allowances for researchers and management costs
- ✓ Non-academic sector is encouraged
- Minimum living allowance fixed in the WP





# COFUND: POSSIBLE STRUCTURES

✓ Hierarchical:

University University 2 Laboratory 1

**Research Funding** 

**✓** Horizontal:

University 1 Laboratory 1

✓ Single Point:

We do everything!



Commission

# COFUND: BENEFICIARIES

- ✓ Mono-beneficiary
- ✓ Legal entities (public and private) established in MS or AC and International European Interest Organisations (IEIO)

Commission



Doctoral Programmes



Fellowship Programmes

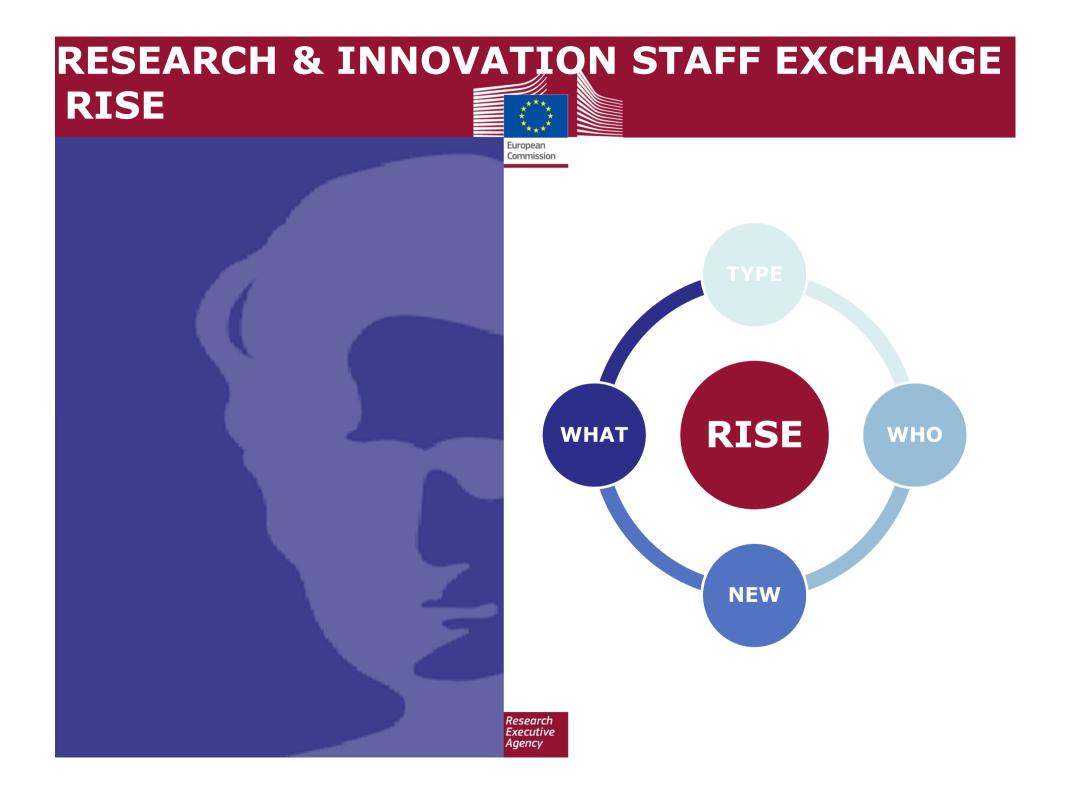


# H2020-MSCA-COFUND CALLS 2018 - 2020

H2020-MSCA-	2018	2019	2020
COFUND call	(provisional)	(provisional)	(indicative)
Opening & Closing dates	12/04/2018-	4/04/2019-	8/04/2020-
	27/09/2018	26/09/2019	29/09/2020
Budget	80 million €	90 million €	100 million €

Commission





## RISE OBJECTIVES





# **Partnership**

- Academic and nonacademic organisations
- Europe and the rest of the world



# Staff exchanges

- Projects implemented through R&I staff exchanges
- Staffseconded for1-12 months

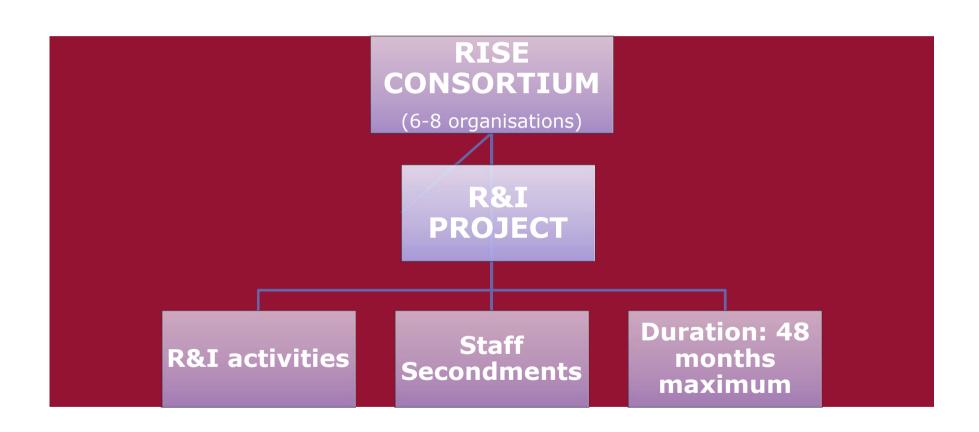


# ransfer of knowledge

- International and intersector transfer of knowledge
- Sharing of ideas and of R&I culture









# RISE CONSORTIA: ROLES



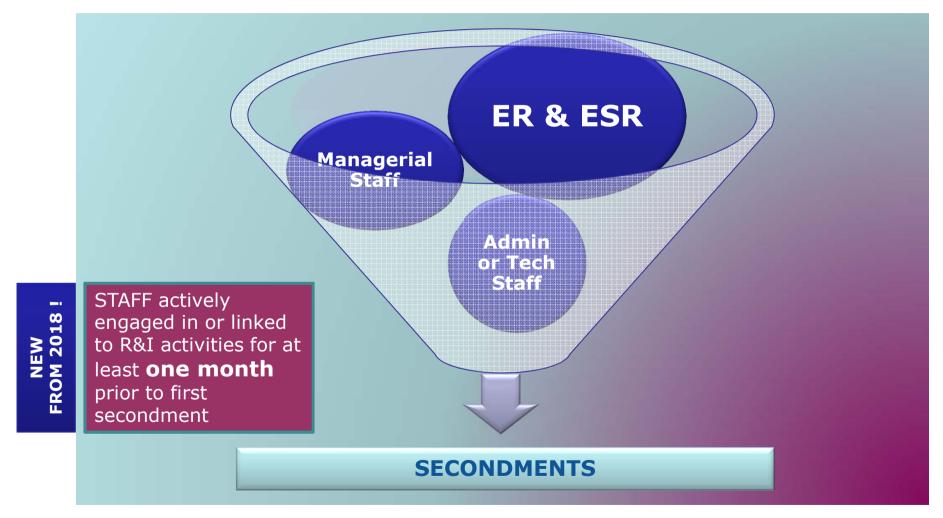
# Partner Beneficiary vs. Organisation

Signs Grant Agreement (GA)	4	*
Responsible for the execution & implementation of the project		*
Claims costs to the EU		*
Trains/hosts seconded researchers		
Signs Letter of Commitment for GA	*	
Signs Consortium Agreement		*



# SECONDED STAFF









Intra-European (MS/AC)

**△** + Intersectoral

(academic & non-academic sectors)



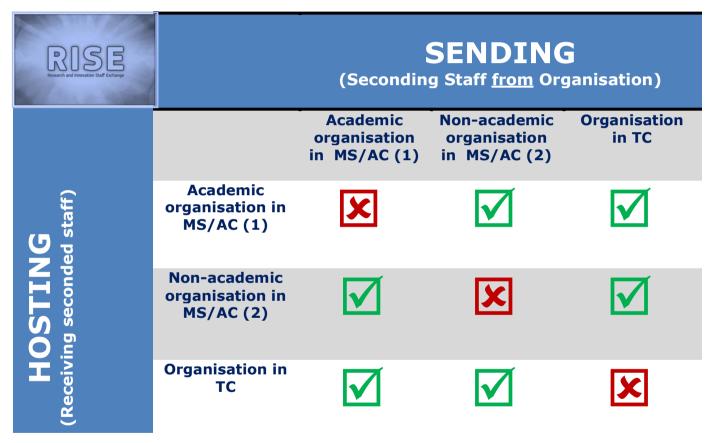
International (MS/AC and TC)





# ELIGIBILITY OF SECONDMENTS







Minimum condition: 3 independent organisations from 3 different countries



# RISE COSTS CATEGORIES

\*\*\* \* \* \* \*\*\* European Commission

Marie Skłodowska
Curie Action

Research and Innovation Staff Exchange

NEW FROM 2018 Staff member unit cost \*

person/month

Top-up allowance

**EUR 2 100** 

Institutional unit cost \*

person/month

Research, training and networking costs

Management and indirect costs

EUR 1 800

|=|UR=7/0/0

Min 1 - Max 12
Person Month(s)
per Researcher

Maximum 540
Person Months per
Grant



# H2020-MSCA-RISE CALLS 2018 - 2020 European Commission

H2020-MSCA- RISE call	2018	2019	2020
Opening & Closing dates	22 Nov 2017- 21 March 2018	04 Dec 2018- 02 April 2019	05 Dec 2019- 07 April 2020
Budget	80 million €	80 million €	80 million €

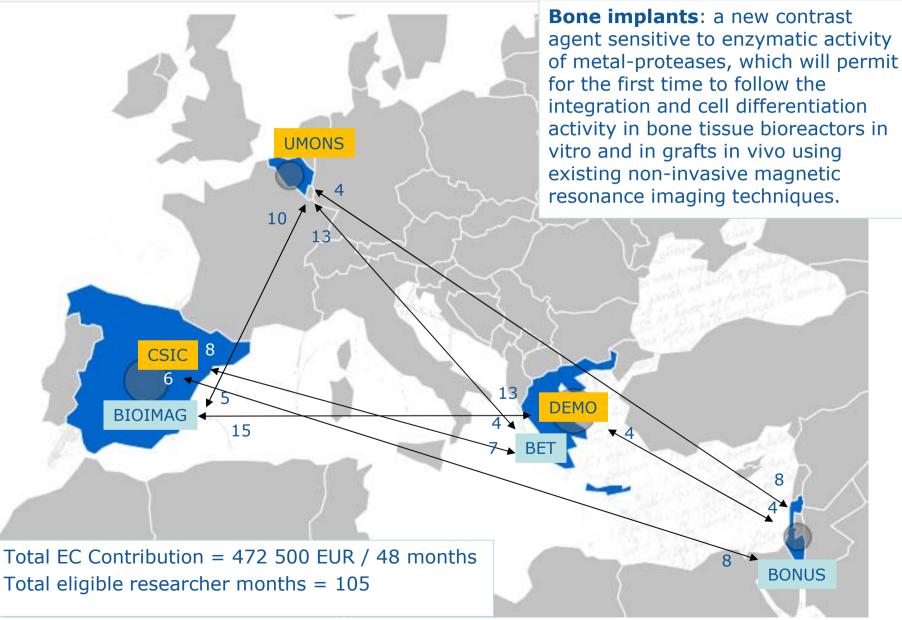
2019 & 2020 Indicative budget and deadlines



#### **VIVOIMAG**

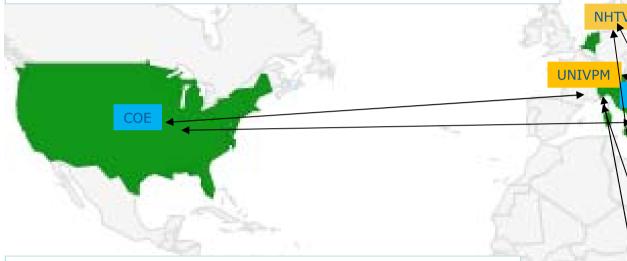


#### 645757

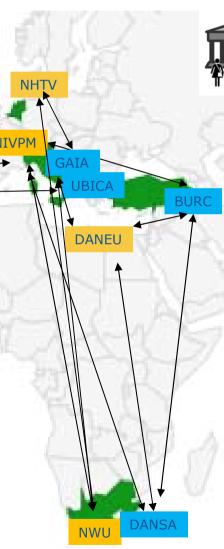




Total EC Contribution = 1 611 000 EUR / 48 months Total eligible researcher months = 358



Objective: to maximise the benefits associated with **diving** while minimising its negative impacts, thus achieving the environmental, economic and social sustainability of the system. This will be done by: 1) Carefully assessing and modelling the system itself; 2) Developing innovative products based on the issues and needs highlighted by assessment and modelling; 3) Promoting the uptake of such products by the system designing tailored business models and marketing plans. Direct engagement with selected stakeholders (divers, professionals, diving operators, certification agencies - CAs, MPAs, NGOs) will ensure relevant feedback throughout the project's lifetime, as well as effective uptake of results at the end of the project.

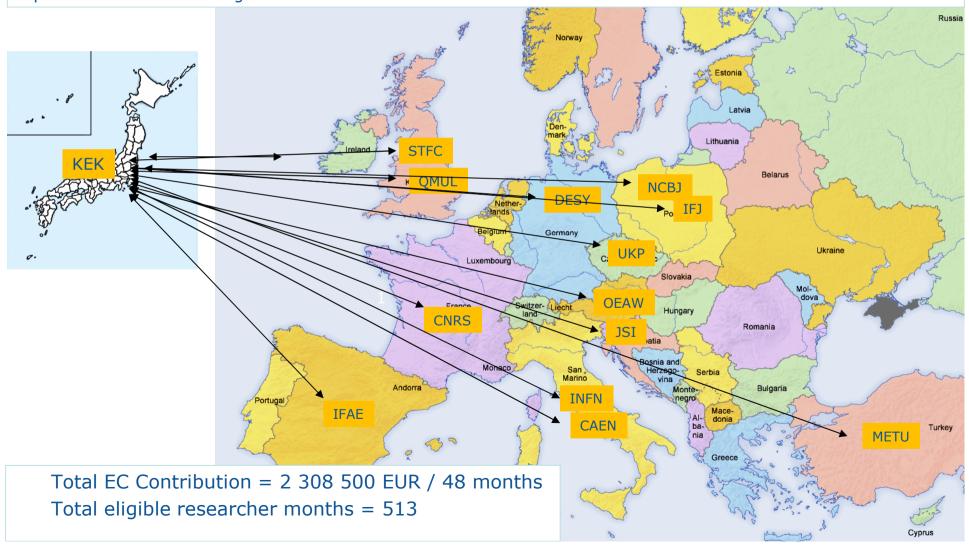


### **JENNIFER**



#### 644294

Searching signals of **new physics** both with neutrinos, at T2K experiment, and at the intensity frontier, with the Belle-II experiment at the SUPERKEKB machine, to play a primary role in the search for deviations from the actually known **fundamental physics** in the flavour sector and to produce an unprecedented collaboration with Japanese scientists on the ground of dissemination and outreach.



#### **EVALUATION**



#### • Evaluation Panels:

- Chemistry (CHE)
- Social Sciences and Humanities (SOC)
- Economic Sciences (ECO)
- Information Science and Engineering (ENG)
- Environment and Geosciences (ENV)
- Life Sciences (LIF)
- Mathematics (MAT)
- Physics (PHY)

#### Evaluation Criteria:

- Award Criteria
- Selection Criteria



## AWARD CRITERIA



Commission						
3. RISE - Marie Skłodowska-Curie Action: Research and Innovation Staff Exchange						
Excellence	Impact	Implementation				
Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)	Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives	Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources				
Clarity and quality of knowledge sharing among the participants in light of the research and innovation objectives.	To develop new and lasting research collaborations, to achieve transfer of knowledge between research institutions and to improve research and innovation potential at the European and global levels	Appropriateness of the management structures and procedures, including quality management and risk management				
Quality of the interaction between the participating organisations	Effectiveness of the proposed measures for communication and results dissemination	Appropriateness of the institutional environment (infrastructure)				
		Competences, experience and complementarity of the participating organisations and institutional commitment				
50%	30%	20%				
Weighting						
1	2	3				
Priority in case of ex aequo						



#### PROPOSAL PART A



- Section 1: General information (including Abstract)
- Section 2: Information on participants
- Section 3: Budget and Secondments tables
- Section 4: Ethics table



#### PROPOSAL PART B



#### LIST OF PARTICIPANTS

(including data for non-academic beneficiaries)

START PAGE COUNT

- 1. SUMMARY
- 2. EXCELLENCE
- IMPACT
- 4. IMPLEMENTATION

30 pages limit

STOP PAGE COUNT

- 5. REFERENCES
- 6. CAPACITIES OF THE PARTICIPATING ORGANISATONS
- 7. ETHICS ASPECTS
- 8. LETTERS OF COMMITMENT OF PARTNER ORGANISATIONS



### PARTICIPANT PORTAL



(A-Z) Sitemap About this site Contact Legal Notice Search | English •



#### **RESEARCH & INNOVATION**

European Commission > Research & Innovation > Participant Portal > Home

Participant Portal

FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT - Search





On this site you can find and secure funding for projects under the following EU programmes:

- 2014-2020 Horizon 2020 research and innovation framework programme
- 2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- 3rd Health Programme, Asylum, Migration and Integration Fund, Consumer Programme, COSME, Internal Security Fund Borders, Internal Security Fund Police, Justice Programme, Promotion of Agricultural Products Programme, Rights, Equality and Citizenship Programme and Research Fund for Coal & Steel

#### Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already
- · contact our support services or check our FAQs

#### Registered users

- submit your proposal
- · sign the grant
- · manage your project throughout its lifecycle
- register as expert advising the Commission







HOW TO PARTICIPATE



WORK AS AN EXPERT



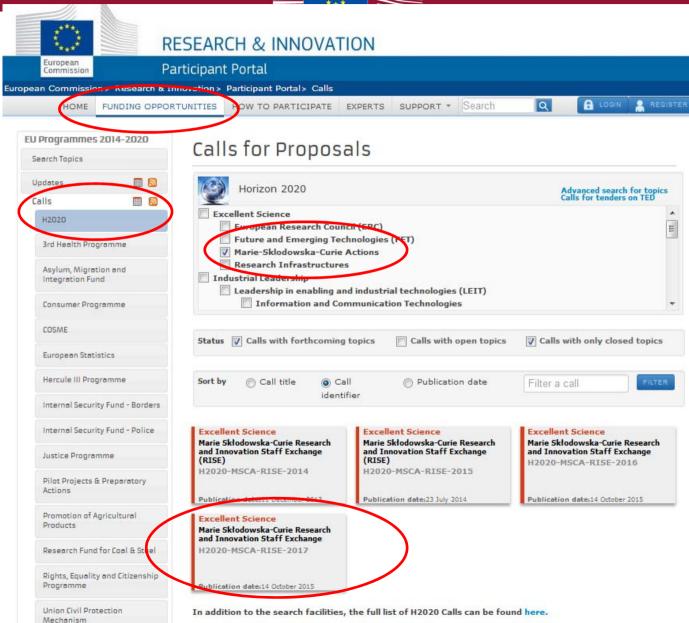
MY PERSONAL AREA



INFORMATION AND SUPPORT

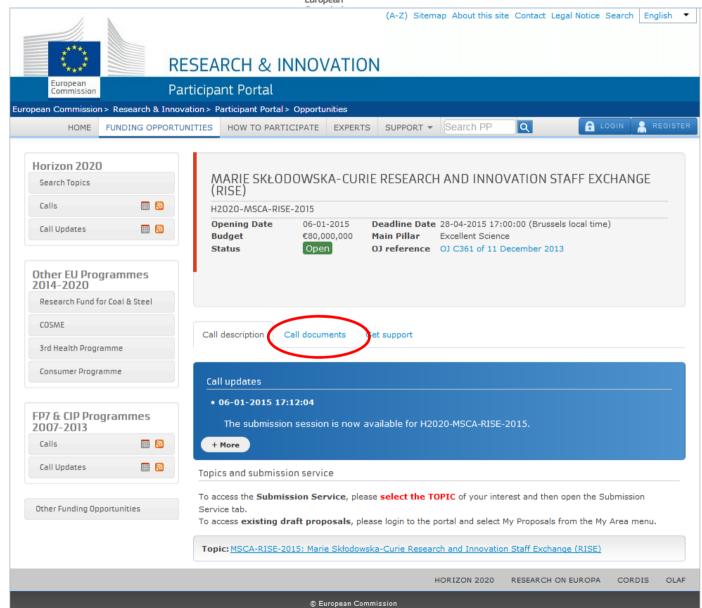
#### **MSCA CALLS**





## CALL DOCUMENTS





#### **FURTHER INFO**



#### **Horizon 2020**

http://ec.europa.eu/research/horizon2020

**Marie Skłodowska-Curie Actions Website** 

http://ec.europa.eu/mariecurieactions

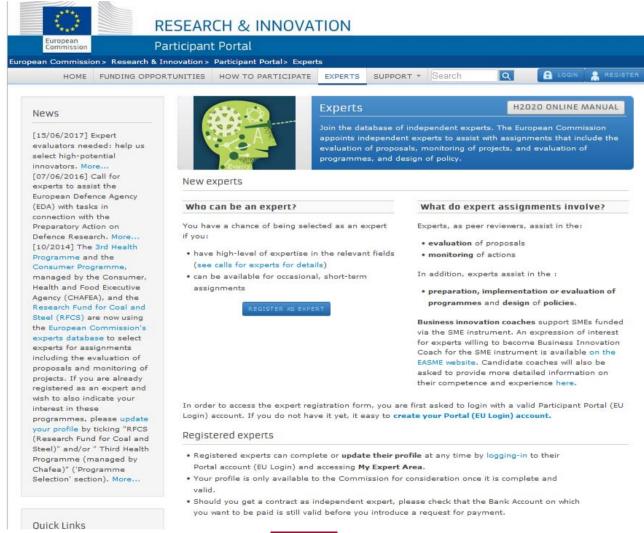
**Participant Portal (applications)** 

http://ec.europa.eu/research/participants/portal/des ktop/en/home.html



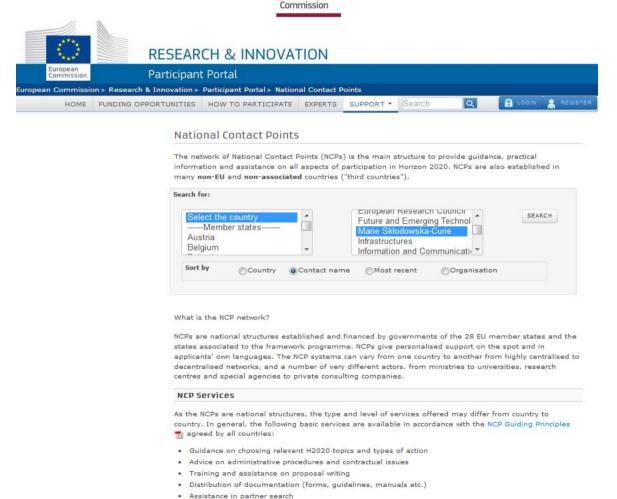
#### **EXPERTS WANTED**





Research Executive Agency

# NATIONAL CONTACT POINT (NCP) European



http://ec.europa.eu/research/participants/portal/desktop/en/support/national\_contact\_points.html



## WHO APPLIES



	Host applies	Individuals apply with an organisation	Funder applies
You have less than 4 years research experience (ongoing PhD) (ESR)	ITN RISE		COFUND
You have more than 4 years research experience or you have a PhD (ER)	RISE	IF	COFUND
Managerial and technical staff	RISE		
Events	European Researchers' Night (NIGHT)		



#### **GET IN TOUCH**

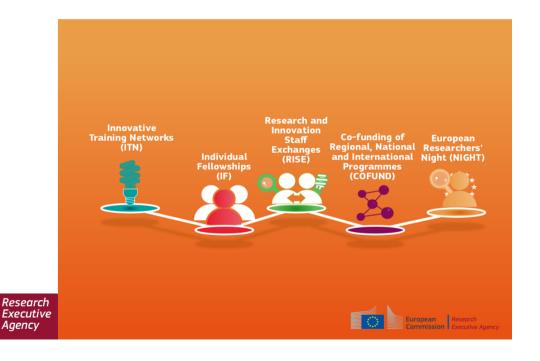


RISE: REA-MSCA-H2020-RISE@EC.EUROPA.EU

ITN: REA-MSCA-H2020-ITN@EC.EUROPA.EU

IF: REA-MSCA-H2020-IF@EC.EUROPA.EU

**COFUND: REA-MSCA-H2020-COFUND@EC.EUROPA.EU** 





# THANK YOU FOR YOUR ATTENTION!



Research Executive Agency