MARIE SKŁODOWSKA-CURIE ACTIONS

Funding opportunities for career development

Information Day

**Klaus HAUPT, Head of Unit
Research Executive Agency
European Commission**

6 June 2019
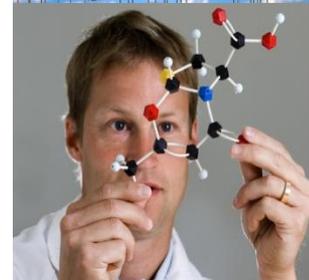Academy of Economic Studies
Bucharest

Current funding opportunities

Romanian participation in MSCA

Outlook on MSCA under Horizon Europe

European Commission
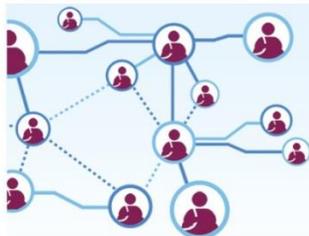
Research Executive Agency

KEY FEATURES

- ✓ *Mobility of researchers from all over the world*
- ✓ *Focus on training and career development of researchers*
- ✓ *Participation of non-academic sector strongly encouraged, especially industry and SMEs*
- ✓ *For researchers at every stage of their career*
- ✓ *Coverage for all domains of research (bottom-up approach)*
- ✓ *Promotion of attractive working and employment conditions (financing rate of 100%)*

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 non-academic 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
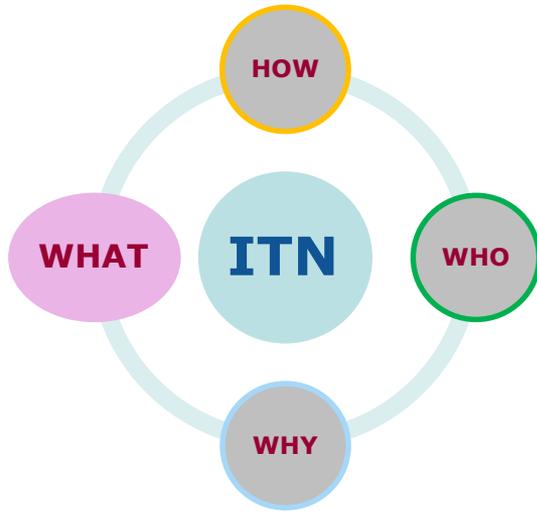
Who applies?
Organisations funding or managing doctoral programmes or fellowship programmes

Who is funded?
Researchers at doctoral and postdoctoral level

ITN – WHAT

- ✓ Innovation, Training and Excellent Research
- ✓ **International, multidisciplinary, inter-sectoral networks** of organisations
- ✓ **Any scientific domain**
- ✓ Recruiting of only **Early-Stage Researchers**
- ✓ **EU Principles for Innovative Doctoral Training**
- ✓ **Secondments**
- ✓ **Project duration** up to **48 months**

ITN - HOW

HOW

WHAT **ITN** **WHO**

WHY
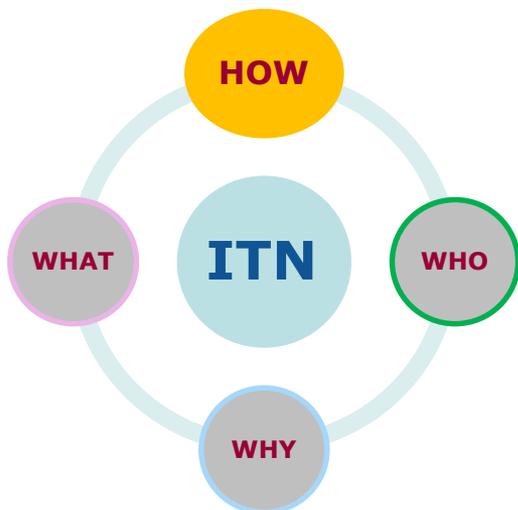
3 modes

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
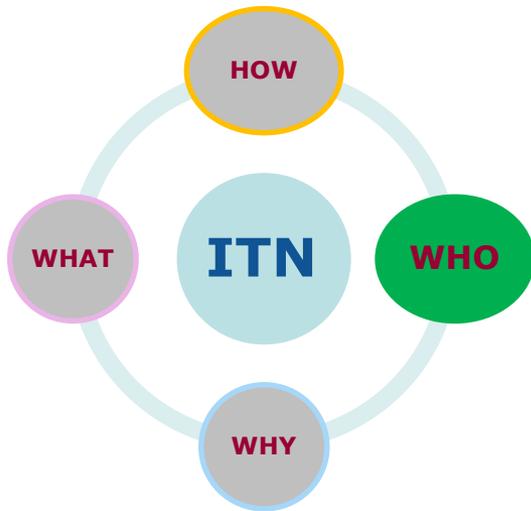
Researchers

- ✓ Only Early-Stage Researchers (**ESRs**):
  - • ≤ 4 years of research experience
  - • no PhD yet
- ✓ Mandatory **trans-national mobility** at the time of recruitment.
- ✓ Recruitment: **3 to 36** months after the project starts
- ✓ Researcher-months: requested in proposals

HOW

WHAT ITN WHO

WHY

European Commission

Research Executive Agency

SUMMARY

	ETN	EID	EJD
Beneficiaries	**≥3 from 3 diff. MS/AC**	**≥2 from 2 diff. MS/AC: (≥1 academic + ≥1 non-academic)**	**≥3 (acad. award PhD) from 3 diff. MS/AC**
Person-months	Max. 540	Max. 180 / 540	Max. 540
Researchers	ESRs only (3-36 months)		
Partner Organ.	Unlimited (any country / sector / discipline)		
PhD enrolment	typically expected	**mandatory**	**mandatory**
Non-academic participation	essential	**mandatory**	essential
Inter-sectoral exposure	possible through secondments	≥50% in non-academic International (for beneficiaries	possible through secondments
Panels and rank lists	8 panels: CHE, ECO, ENG, ENV, LIF, MAT, PHY, SOC **(400 M€)**	EID panel **(35 M€)**	EJD panel **(35 M€)**

European Commission

Research Executive Agency

European Commission

ITN 2019: Modes & Budget

ETN

European Training Networks

Participants implement a joint research training programme

400 M€

EID

European Industrial Doctorates

Doctoral training with the non-academic sector

35 M€

EJD

European Joint Doctorates

Universities cooperate to deliver joint degrees

35 M€

Call Opening:	**September 2019**
Call Closure:	**January 2020**
Evaluation :	**February – April 2020**
Launch Grant preparation:	**mid-May 2020**

European Commission

Marie Skłodowska-Curie Actions

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Research Executive Agency

What are Individual Fellowships?

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

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

- ✓ **Secondments** of 3 – 6 months in Europe (MS or AC), for greater impact

- ✓ Specific eligibility criteria

- ✓ Career development

What are Individual Fellowships?

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

European Fellowships

**For fellows coming to or moving within Europe
duration 12-36 months for CAR
duration 12-24 months for other EF**

Global Fellowships

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

Total duration 24-36 months

What is a "Project"?

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**

INDIVIDUAL FELLOWSHIPS 2019 call		EUROPEAN				GLOBAL
		ST	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 directly 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	-	at least 12 months within 18 months prior to call deadline	-	-	-
PARTICIPANTS	**Beneficiary**	MS or AC	MS or AC	MS or AC	MS or AC Non-academic only	MS or AC
	Entity with capital or legal link	MS or AC	MS or AC	MS or AC	MS or AC Non-academic only	MS or AC
	Partner Organisation	MS or AC (optional secondment)	MS or AC (optional secondment)	MS or AC (optional secondment)	MS or AC (optional secondment, both Academic and Non-Academic)	outgoing phase (mandatory) TC / MS or AC (optional secondment)
DURATION (months)		12 to 24	12 to 36	12 to 24	12 to 24	24 to 36 *(12 to 24 + 12)*
SCIENTIFIC AREAS		8	8	8	8	8
NUMBER OF RANKING LISTS		8	1	1	1	8
BUDGET 2019 (total € 294.49 million)		€236.49 million			€8 million	€ 50 million

What is the financial contribution?

Individual Fellowships	Researcher unit cost [person/month]			Institutional unit cost [person/month]	
	Living allowance*	Mobility allowance	Family allowance	Research, training & networking costs	Management & indirect costs
	4.880 EUR	600 EUR	500 EUR	800 EUR	650 EUR

*adjusted through the application of a country correction coefficient (BE= 100%)

Research Executive Agency

Proposal Part A (Submission Forms)

European Commission

Proposals must be submitted electronically using the Participant Portal.

Part A: administrative details

Section 1 – General Information

Section 2 – Administrative data of participating organisations (supervisor(s), researcher)

Section 3 – Budget: information on the duration (person-months) to calculate the total requested EU contribution.

Section 4 – Ethics: identifies any ethical aspects of the proposed work.
Even if there are no issues, you must simply confirm that none of the ethical issues apply to the proposal.

Section 5 – Call specific questions request declarations related to eligibility and personal data, together with questions on any secondment in Europe.

Research Executive Agency

Proposal Part B

European Commission

The "core" of the proposal – the structure below is mandatory

!There is no cover page or table of contents anymore!

DOCUMENT 1 (10-PAGE LIMIT APPLIED)

START PAGE COUNT

1. EXCELLENCE

2. IMPACT   MAX 10 pages

3. IMPLEMENTATION

STOP PAGE COUNT

DOCUMENT 2 (NO OVERALL PAGE LIMIT APPLIED)

4. CV OF THE EXPERIENCED RESEARCHER

5. CAPACITIES OF THE PARTICIPATING ORGANISATIONS

6. ETHICAL ASPECTS

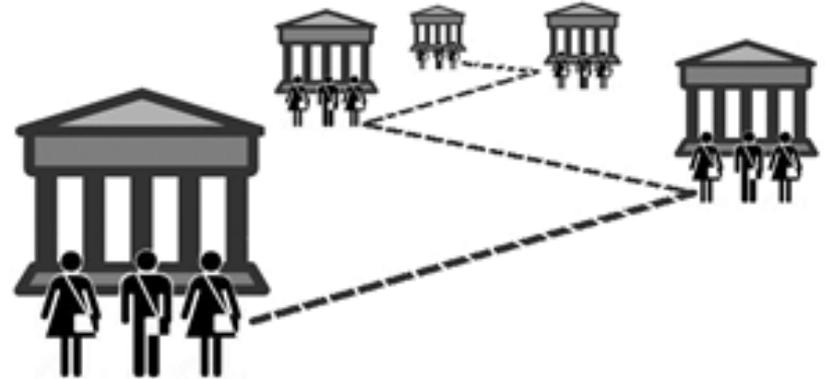7. LETTERS OF COMMITMENT OF PARTNER ORGANISATIONS (GF only)

Research Executive Agency

MSCA in H2020

IF
Individual Fellowships

Widening Fellowships

ITN
Innovative Training Networks

RISE
Research and Innovation
Staff Exchange

COFUND

Objective: to provide specific support to excellent researchers not funded through the IF call to undertake an individual fellowship in a widening country

Budget: EUR 6 million from the "*Spreading Excellence and Widening Participation*" Work Programme.

Widening countries:

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.*

1st WF call 2018

Objective: to provide specific support to excellent researchers not funded through the IF call to undertake an individual fellowship in a widening country

Budget: EUR 5 million (respectively EUR 6 and 7 million for 2019 and 2020) from the "*Spreading Excellence and Widening Participation*" Work Programme.

Proposals considered for WF funding if:

- **admissible and eligible for MSCA IF**

- **obtained a score of 70% or above in the MSCA IF call but was not funded under that call**

- **have not opted out from consideration for WF call**

One single evaluation performed under MSCA-IF call

IF 2019 Topics & Budget

European Commission

EF ST

European Fellowships Standard, Career and Re-integration Panel

Held in EU Member States or Associated Countries

236,49 M€

EF SE

European Fellowships Society and Enterprise Panel

Only for non-academic beneficiaries

8M€

GF

Global Fellowships

based on a secondment to a third country

50M€

Widening Fellowships

Total MSCA - IF Budget: *294.49 **million** € (+6M € for WF)*

Call Opening:	***11 April 2019***
Call Deadline:	***11 September 2019, 17:00:00 CET***
Evaluation:	*September – December 2019*
Launch Grant preparation:	***January/February 2020***

Research Executive Agency

European Commission

Marie Skłodowska-Curie Actions

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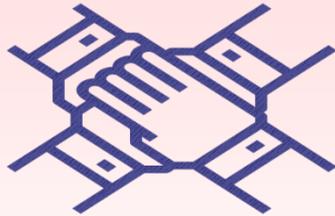
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RISE Objectives

- ✓ *Innovation via collaborations between academic and industry*
- ✓ *Boost careers of researcher via mobility*
- ✓ *Strengthen partnerships across globe*
- ✓ *Knowledge and discoveries across disciplines*

RISE in practice

Who
Minimum 3 independent organisations from 3 different countries; 2 of which MS/AC

What
Joint R&I activities

How
Staff exchanges (1-12 months)

How long
Up to 4 years

How many exchanges
Up to 540 months

RISE 2019

Budget ➡️ **80 M€**

Schedule & Status

➤ *Call Opening:*   *December 2019*
➤ *Evaluation central week:*   *May 2020*
➤ *Launch Grant preparation:*   **June 2020**

European Commission

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Objective

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

Scope

✓ international, intersectoral and interdisciplinary **research training**, as well as transnational and cross-sector **mobility** of researchers at all stages of their career

✓ Possibilities of synergies with structural funds

✓ Opportunities for **researchers from all countries**

✓ Researchers to comply with the mobility rules of the MSCA

✓ Open and transparent recruitment, vacancies widely publicised

Expected Impact

✓ exploit synergies between European Union actions and those at regional, national, and international level

✓ leverage funding and combat fragmentation

- ✓ **Budget**: € 90 Million in 2019

- ✓ Maximum **€ 10 Million per single applicant** per call

- ✓ Duration of projects: minimum 3 years, maximum 5 years (including the time taken to publish calls and recruit researchers)

- ✓ **Fellowships: minimum 3 months**

- ✓ EU contribution to cover **living allowances for researchers** and **management costs**

- ✓ Minimum living allowance fixed in the WP

✓ **Applicant** = Mono-beneficiary (EU MS or AC institutions) with max. 10 million EUR per call
✓ **Project duration** = between 3 and 5 years
✓ **Recruitment** = EURAXESS

EU Contribution for COFUND

European Commission

1 unit = 1 person/month

Researcher unit cost		Institutional unit cost
ESR	ER	Research, training and networking costs
1935	**2740**	**325**

COFUND 2019

European Commission

Modes & Budget

FP

Fellowship Programme

Fellowship (postdoctoral) training programmes

55 M€

DP

Doctoral Programme

Doctoral training programmes

35 M€

Call Opens:	**04 April 2019**
Call Deadline:	**26 September 2019**
Evaluation week:	**25–29 November 2019**
Launch Grant preparation:	**February 2020**

European Researchers' Night

Friday 27 September 2019

✓ **HSCiRO – HANDLE WITH SCIENCE**
  - the general objective : to promote the results of scientific research that supports people and humanity (vaccines, space technology, materials science, fundamental science).
  - held in 6 major cities in Romania, considered to be the regional cultural and administrative capitals of our country: Bucharest, Iasi, Cluj, Timisoara, Sibiu, Craiova

✓ **R4H1819 – RESEARCHERS FOR HUMANITY 2018-2019**
  - the general objective: to highlight what science and researchers do are useful for daily life, and their life is as everyone's else
  - main novelty of the project - the component of private research through private companies and NGOs that are implementing various research projects

European Commission

FIGURES FROM 2018 EDITION

- 55 proposals funded across H2020 countries

- 371 cities hosted events and 33 544 researchers were actively involved

- 2 155 of these researchers were beneficiaries of H2020

- 1.5M attendees were reported

Evaluation Process

- Each proposal is read and evaluated by **three evaluators** in an individual and independent manner. Each evaluator prepares an *individual evaluation report.*

- The three evaluators discuss together to reach a **consensus** on the final comments and score, and prepare a *consensus report*, containing relevant elements from the three individual reports.

- The consensus score determines the position on the ranking list.

- Applicants receive their **evaluation summary report**.

Evaluation & Award Criteria (II)

A weighted total score of the scores of the three individual criteria will be calculated and converted into a percentage of the maximum score.

Excellence	Impact	Quality and Efficiency of Implementation
Weighing		
50%	30%	20%
Priority in Case of ex-aequo		
1	2	3

An overall threshold of 70% will be applied to the total weighed score. Proposals under the threshold will be rejected.

0 – Proposal fails to address the criterion and cannot be assessed due to missing or incomplete information.

1 – Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.

2 – Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.

3 – Good. The proposal addresses the criterion well, but a number of shortcomings are present.

4 – Very good. Proposal addresses the criterion very well, but a small number of shortcomings are present.

5 – Excellent. Proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Reference Documents

Marie Skłodowska-Curie Actions Website

http://ec.europa.eu/msca

**Funding and Tender Opportunities Portal
(applications and reference documents)**

http://ec.europa.eu/research/participants/portal

H2020 Grant Manual

http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/find-a-call_en.htm

European
Commission

✓ **Work Programme Marie Sklodowska Curie Actions 2018-2020**
✓ **Guide for Applicants for specific actions**
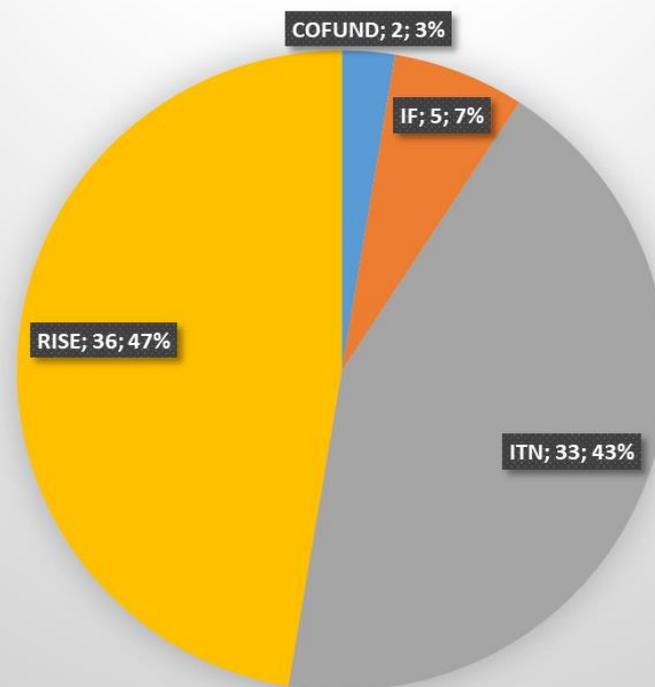✓ **Application form**

Current funding opportunities

Romanian participation (since 2014 – H2020)

Outlook on MSCA under Horizon Europe

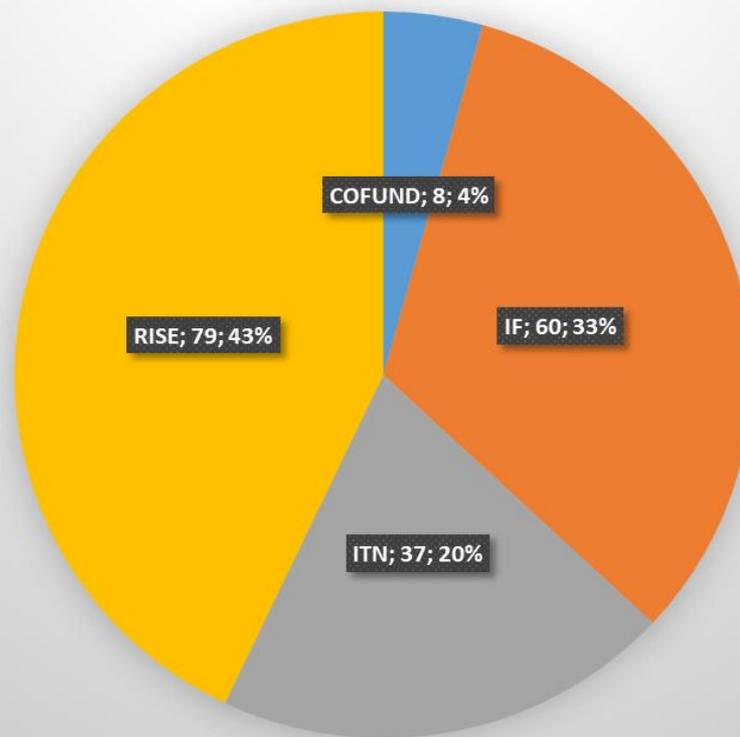Romanian participation (coordinator or participant) in MSCA - all years

COFUND; 2; 3%
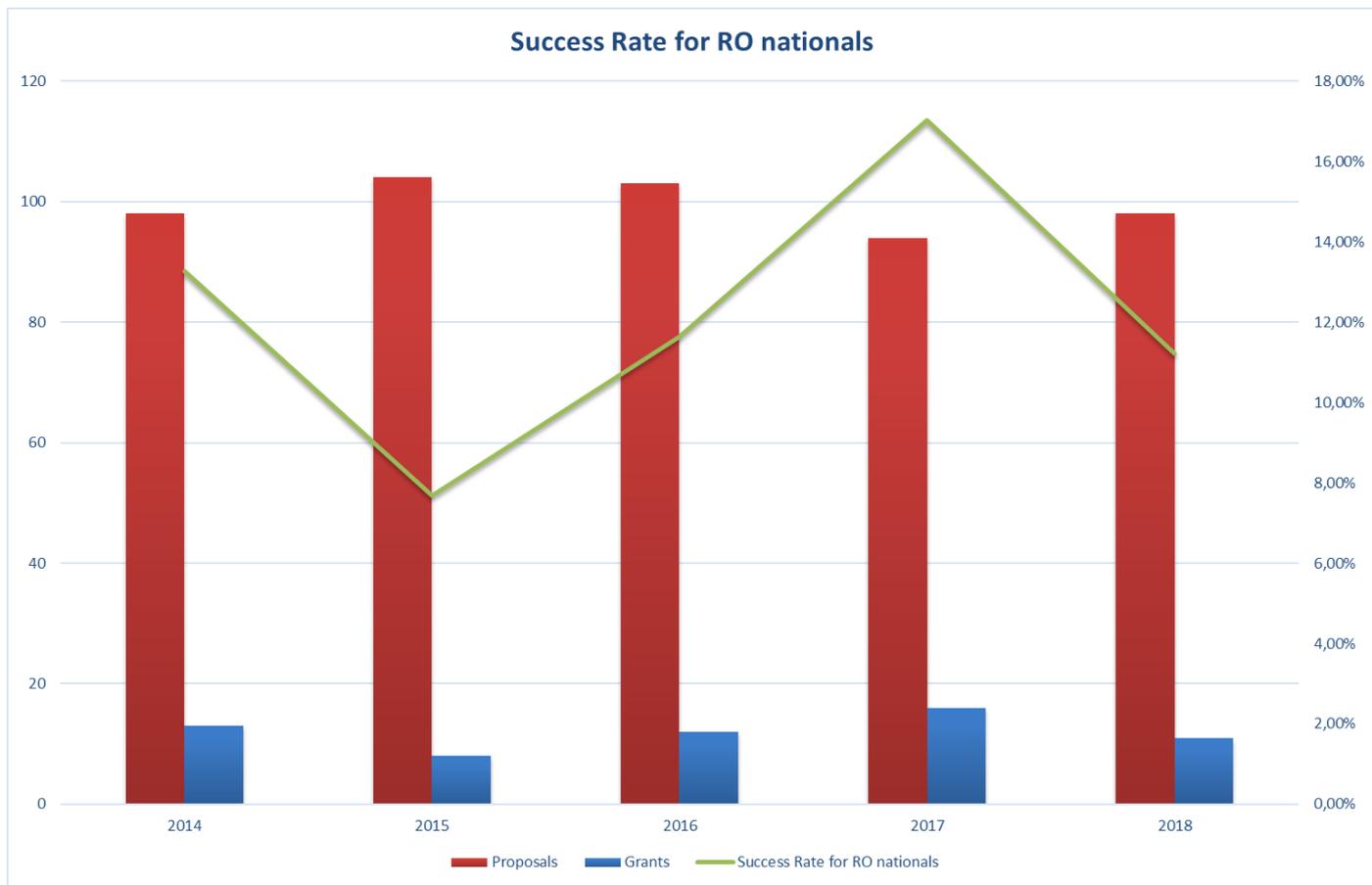IF; 5; 7%
ITN; 33; 43%
RISE; 36; 47%

Romanian nationals in MSCA - all years

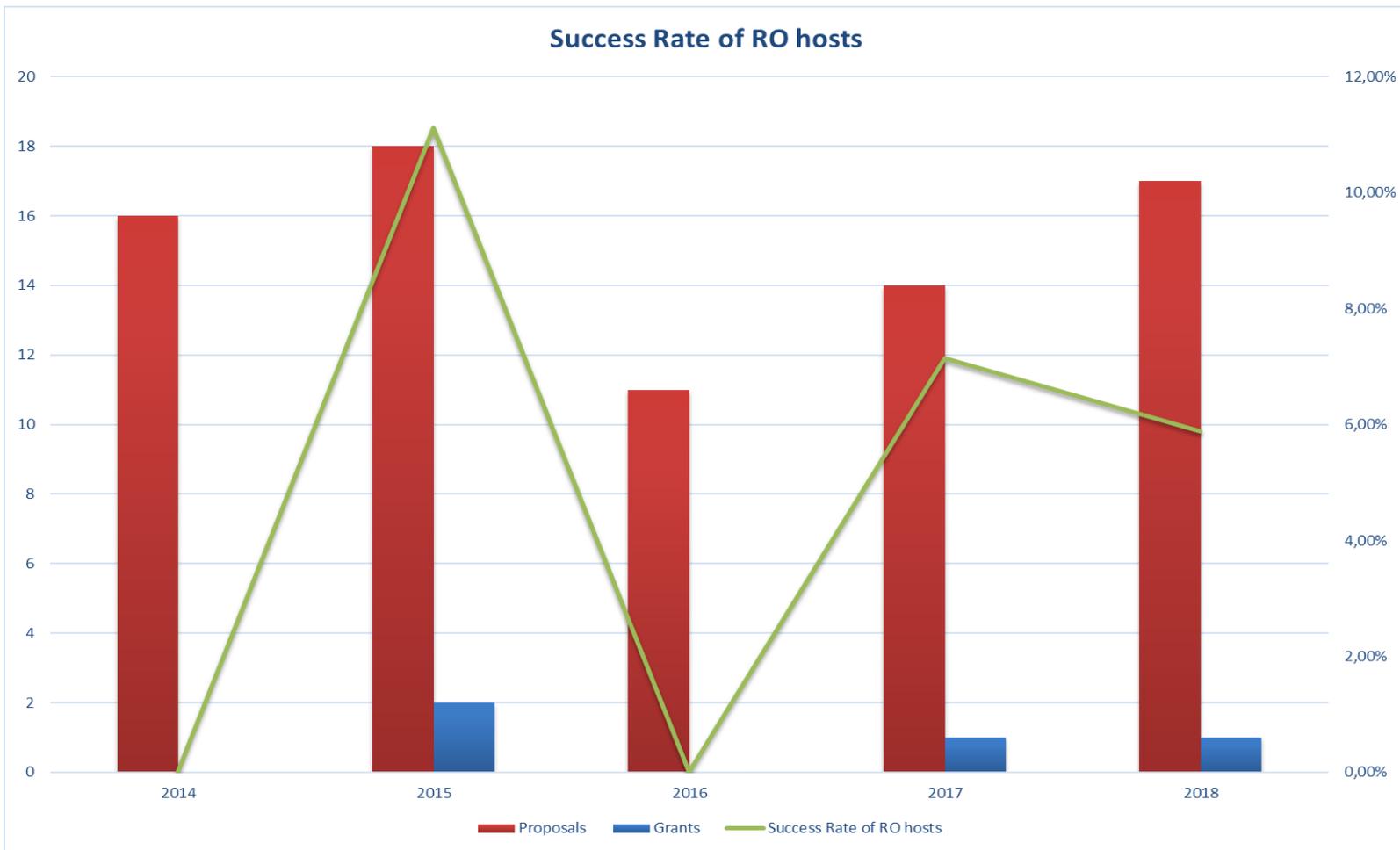COFUND; 8; 4%
IF; 60; 33%
RISE; 79; 43%
ITN; 37; 20%

Romania in MSCA-Individual Fellowships

Success Rate for RO nationals

Romania in Widening Fellowships

Widening countries: 773 proposals submitted in IF 2018

	PT	CZ	PL	TR	SI	HU	CY	EE	RO	SK	LU	MT	BG	HR	LV	LT	RS	GE	AM	TN	UA	AL	BA	FO	MD
■ 2018	211	96	89	84	56	53	43	21	17	17	16	13	10	10	9	9	6	3	2	2	2	1	1	1	1
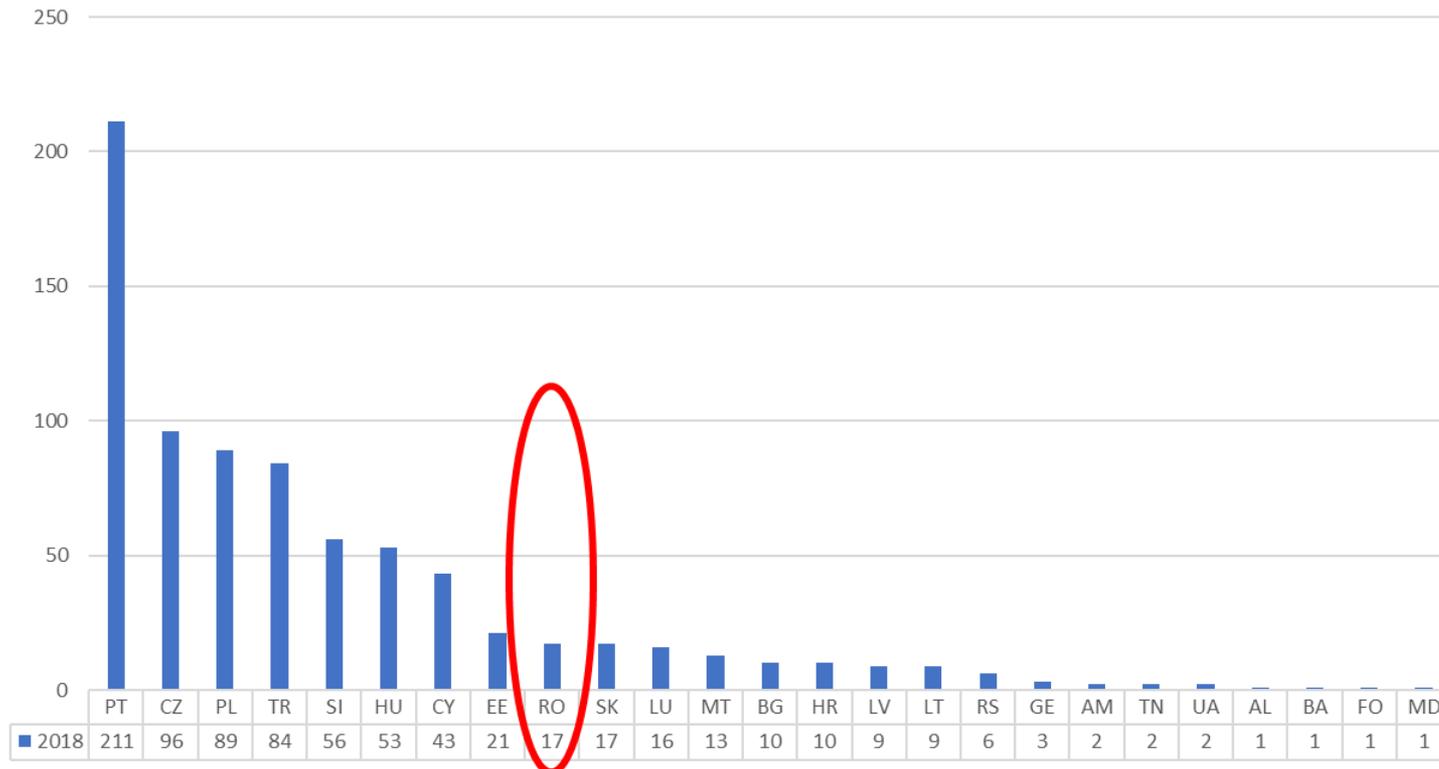
- 17 out of the 773 proposals are from RO =~2%

Total funded proposals (IF + WF)

	PT	CY	TR	CZ	HU	SI	EE	HR	LU	PL	RO	GE	LV	MT	RS
Funded WF	13	5	1	2	4	1	1	1	0	1	1	1	1	1	0
Funded IF	21	3	7	4	2	5	2	1	2	1	1	0	0	0	1
Total	34	8	8	6	6	6	3	2	2	2	2	1	1	1	1
% increase IF -> WF	62%	167%	14%	50%	200%	20%	50%	100%	0%	100%	100%				0%
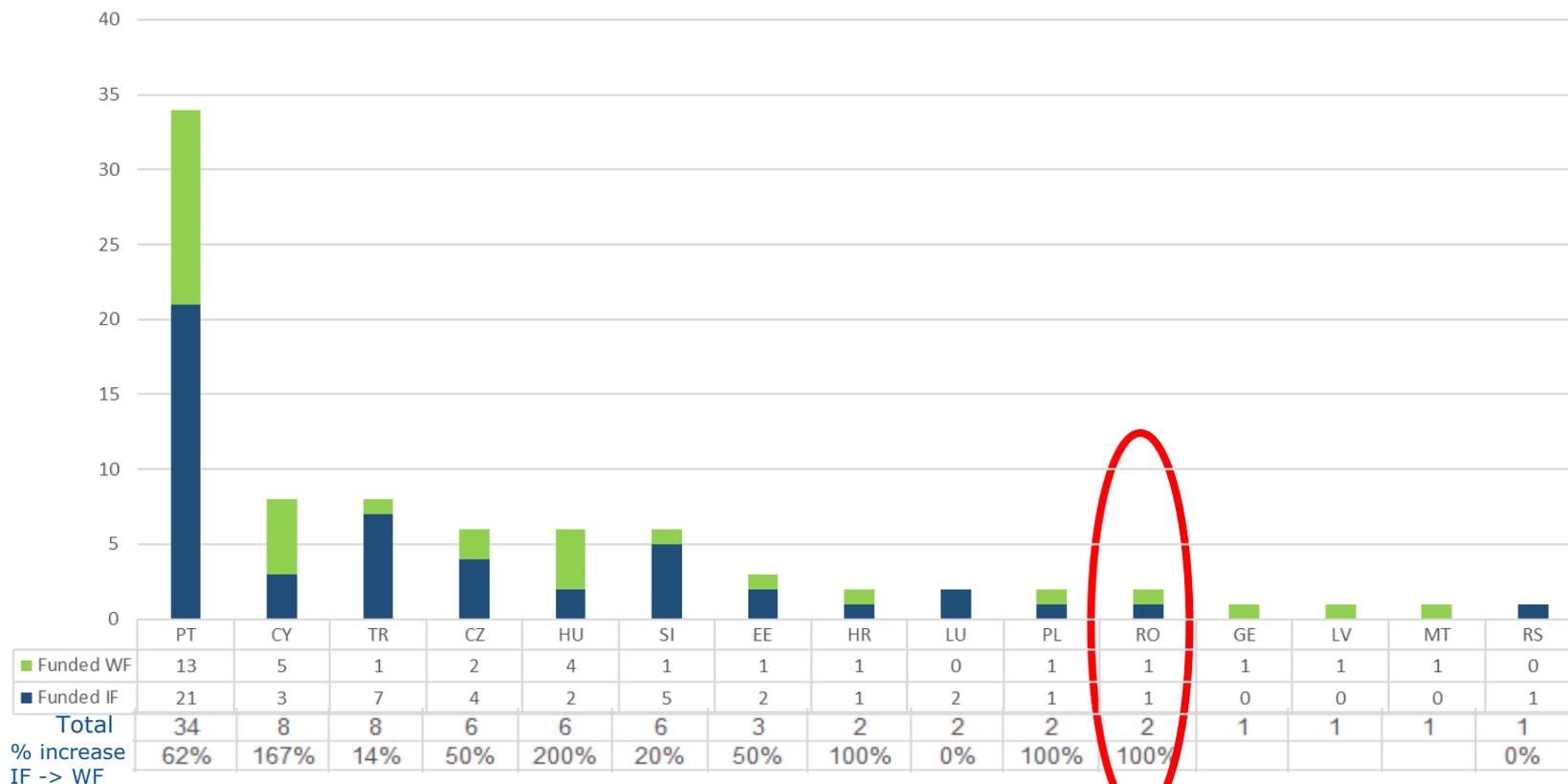
• One proposal was funded under IF + one additional proposal under WF

*for IF-EF (*ST-CAR-RI-SE*)

Current funding opportunities

Romanian participation in MSCA

Outlook on MSCA under Horizon Europe

European
Commission

- ✓ Overall: **continuation**
- ✓ Investing in **the people behind R&I**, delivering talents and improving careers
- ✓ Bottom-up, competition based research programme
- ✓ Creating impact on **researchers, institutions, structures**
- ✓ 5 areas of intervention:

- • *Mobility of researchers*
- • *Training of researchers*
- • *Strengthening human capital across the ERA*
- • *Facilitating synergies*
- • *Promoting public outreach*

Guiding principles

✓ *Researcher-centred, new skills and knowledge*

✓ *Charter and Code principles*

✓ *Triple I cross-boundary collaboration and mobility:*

  *- **international***

  *- **inter-sectoral (incl. research-business)***

  *- **interdisciplinary***

✓ *Open to all domains, relevance for society*

✓ *Responsible Research and Innovation*

  *- **Equal opportunities***

  *- **Open Society and FAIR data***

✓ *Principles of equality, diversity and inclusion*

European Commission

- ✓ *Streamlines actions. From 9 actions to 5*
- ✓ *Continuation of simplified form of grants*
- ✓ *Simpler rules, fine-tuned definitions, harmonised conditions*
- ✓ *Demand management*
- ✓ *Improved internal coherence & reinforced external synergies*

Thank you for your attention!

Nothing in life is to be feared just understood.

- Marie Curie