

Marie Skłodowska-Curie Actions

Research & Innovation Staff Exchange - RISE

Dr. Amanda OZIN-HOFSAESS RISE Panel Coordinator MAT/PHY November 2019

MSCA RISE Info Session Outline



1.H2020 MSCA
2.What is RISE
3.How to apply
4.When to apply



European Commission



"Mobility makes the difference"

Let's take the example of a researcher... Young researcher Brilliant student, full of ideas Spirit of adventure and discovery But ... limited opportunities in home country Eventually moves country to pursue research career Becomes a celebrated scientist



Why does training & mobility matter?



[1] - 4% of researchers change country; 40% higher average citation rates (if mobile)

[2] - MCSA fellows [2]:

- ✓ Produced more and more highly-cited publications
- ✓ Enjoyed better employment prospects and contracts
- ✓ Were more successful in applying for ERC grants
- ✓ Collaborate more with non-academic sector
- ✓ Achieved senior position more frequently

[1] C.R. Sugimoto et al. (2017), "Scientists have most impact when they're free to move", Nature Vol.550, Issue 7674 (study tracking 16 million individuals who published papers in the period 2008-2015)

[2] European Commission (2014), Marie Curie Researchers and their Long-Term Career Development: A Comparative Study (by Economisti Associati, GfK and ISI Fraunhofer)





The EU Framework Programme for Research and Innovation

HORIZON 2020

Excellent Science Competitive Industries Better Society



Marie Skłodowska-Curie Actions in Horizon 2020 (2014-2020)



- Researcher training and career development through mobility
- Generate new skills, knowledge and innovation



The three pillars of H2020



What's so "special" about the MSCA?

- Researcher mobility scheme & "bottom-up" approach
- Open to all nationalities, career stages, and sectors
- €6bn under Horizon 2020 (+30% from FP7)
- Annual Calls and excellent funding (usually 100%)
- Prestigious programme with high visibility
- 100k+ researchers and 5k+ organisations
- 9 Nobel Prize winners





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European Commission

HORIZON EUROPE 2021-2027

Support the creation and diffusior of high-quality knowledge Strengthen the impact of R&I in supporting EU policies

Foster all forms of innovation and strengthen market deployment

Optimise the Programme's delivery for impact in a strengthened ERA



A EUR 100 billion package investing in research and innovation for seven years (2021-2027), including Euratom



European Commission

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NSCA RISE

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Innovative Training Networks

Individual fellowships

Research and Innovation Staff Exchanges Cofunding of research programmes





Research and Innovation Staff Exchange

Objective: Promoting **international** and **inter-sector** research collaboration and knowledge transfer through **staff exchange**

- €80m 2020; ~25% success rate (2019)
- Network: Joint research project implemented through the international secondment (1-12m) of existing research, technical or managerial staff (of all career levels)
- Projects up to 48 months
- Max funding: 540 person-months
- Funding for mobility costs, not salary



RISE Objectives



International & intersectoral collaborations Skills & career development mobility



Transfer of Knowledge



RISE Crosses Borders





RISE Consortium Participants*



• Do NOT sign Grant

Country Partner

Organisation

- Do NOT claim costs
- Letter of Commitment required for project implementation

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



Who applies?

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

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



Who can be exchanged?



Staff under national law





Active in R&I in the last 1 month



European Commission

RISE Secondments



"Intersectoral"

EU Member States (*MS*) *and Associated countries (AC*)



"International" Between EU MS/AC and Third Country partners







What does **RISE** fund?





How to apply

European Commission Single Electronic Data Interchange Area (SEDIA)	unities		Engl Register	sh 🔊 Login
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The Funding & Tenders Portal is the single entry point (he Single Electronic Data Interchange Area) f	or applicants	, contractors and experts in funding programmes and	>
procurements managed by the European Commission.				
Find calls for proposals and tenders				
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What are calls for proposals?	What are calls for tondors?	\$	How to participate in E stops	>
what are cans for proposals?	what are cans for tenders?		How to participate in 5 steps	
Calls for proposals by EU Programme				>

RISE proposal "anatomy"

Part A - structured data -

Part B - description of action -

European Commission Research & Innovation - Participant Ports Proposal Submission Forms	START PAGE	
Call: H2020-MSCA- (Marie Sklodowska-Curie Research an General information	Marie Skłodowska-Curie Actions	
Topic: MSCA-RI: Type of action: MS Participants & contacts (RISE) Proposal number	Research and Innovation Staff Exchange (RISE) Call: H2020-MSCA-RISE-2019	
Proposal acronym Deadline Id: H2020-MSC	PART B	
Table of conte Ethics	"D00n=-	
i deneral information 2 Participants & contacts 3 Budget 4 Bhics 5 Call-specific questions	PROPOSAL ACRONYM"	



Proposal Part B

DOCUMENT 1 (MAX 32 PAGES)

START PAGE (MAX 1 page)

1 TABLE of CONTENT (MAX 1 page)

START PAGE COUNT (MAX 30 PAGES SECTIONS 2-4)



- 3. IMPACT
- 4. QUALITY AND EFFICIENCY OF THE IMPLEMENTATION

STOP PAGE COUNT (MAX 30 PAGES SECTIONS 2-4)

30 page

limit

DOCUMENT 2 (NO OVERALL PAGE LIMIT APPLIED)

- 5. REFERENCES
- 6. CAPACITIES OF THE PARTICIPATING ORGANISATIONS
- 7. ETHICS ASPECTS
- 8. LETTERS OF COMMITMENT OF TC PARTNER ORGANISATIONS END PAGE (1 page)

RISE Evaluation Criteria

Excellence	Impact	Quality and efficiency		
		of the implementation		
Quality and credibility of the research/innovation project; level of novelty and appropriate consideration of inter/multidisciplinary, intersectoral and gender aspects	Enhancing the potential and future career prospects of the staff members	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources		
Quality and appropriateness of knowledge sharing among the participating organisations in light of the research and innovation objectives.	Developing new and lasting research collaborations, achieving transfer of knowledge between participating organisations and contribution to improving 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 proposed interaction between the participating organisations	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the institutional environment (hosting arrangements, infrastructure)		
	Quality of the proposed measures to communicate the project activities to different target audiences	Competences, experience and complementarity of the participating organisations and their commitment to the project		
50%	30%	20%		
Weighting				
1	2	3		
Priority in case of <i>ex aequo</i>				



Tip 1: Read all relevant documentation



MSCA WORK PROGRAMME

2018 - 2020



European Commission

Tip 2: Refer well to evaluation criteria



Excellence Implementation are closely interlinked!



Tip 3: Be inspired by success stories!

Prof. Takaaki Kajita

Nobel Prize Winner in Physics, 2015 "for the discovery of neutrino oscillations, which shows that neutrinos have mass"



All seconded researchers working in Japan

SKPLUS

Super-Kamiokande plus

RISE 2014 (no. 641540)

EU contribution: €310,500.00 Coordinator: Universidad Autonoma de Madrid (ES) + 3 beneficiaries from Europe working with the University of Tokyo (JP)

Investigating neutrino interactions using the Super-Kamiokande detector owned by the Institute for Cosmic Ray Research at the University of Tokyo, Japan



VIVOIMAG 645757



GREEN BUBBLES 643712



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.



Tip 4: Start early!



H2020-MSCA-RISE call	2020
Opening Date Closing Date	5 DEC 2019 28 APR 2020
Budget	80 million €



Tip 5: Be in touch with your NCP



REA-MSCA-H2020-RISE@ec.europa.eu

Credits Icons: Freepik, www.flaticon.com Images: Getty Images, iStock





Why MSCA RISE?

- 1. Unique within MSCA all stages career
- **2. Driver for innovation**
- **3. Easy application and implementation**
- 4. Sustainable collaborations



RISE in a few words...

- Collaboration, Friendship, Innovation (academia)
- Experience, Innovation, Collaboration (large industry)
- Enabling, Enhancing, Unifying (professional association)
- Communication, Coordination, Knowledge Access (SME)



Why Mobility?







Back to the young researcher...

- Born and raised in Poland
- Brilliant student, but limited possibilities at home
- Aged 24, international mobility to France to study physics in Paris
- 12 years later, first woman to win a Nobel Prize (physics)
- 15 years later, first woman to become Professor at the Sorbonne
- 20 years later, first (and still only) person to win second Nobel Prize in a different science (chemistry)



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"Nothing in life is to be feared, it is only to be understood"







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NSCA RISE



"International" Secondments can be *intra-* or *inter-*sectoral



"European" Secondments <u>must be</u> intersectoral





MSCA and HE - Objectives



HORIZON EUROPE objectives and structure

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European Commission

MSCA in Horizon Europe

- Investing in the people behind R&I, delivering talents and improving careers
- Overall: continuation
- Bottom-up, competition-based research programme
- Creating impact on researchers, institutions, structures
- 5 broad lines of activity:
 - mobility of researchers
 - training of researchers
 - strengthening human capital across the ERA
 - facilitating synergies
 - promoting public outreach





MSCA in Horizon Europe, supporting:



- 1. Doctoral Training Networks
- 2. Postdoctoral Fellowships
- 3. Staff Exchanges
- 4. Synergies
- 5. Science Festivals

- \rightarrow PhD students
- \rightarrow postdocs
- \rightarrow any type of research staff
- \rightarrow co-funding training programmes
- \rightarrow public outreach events

