



Advancing Your Research Career in Europe

The Marie Skłodowska-Curie Actions



What are the Marie Skłodowska Curie Actions?

A European Union funded programme supporting researcher **training, mobility and career development**



Marie Skłodowska-Curie
(1867-1934)

Marie Curie's Timeline

- 1867 Nov 7th Born in Warsaw, Poland.
- 1891 Received Licentiateships in Physics and the Mathematical Sciences from the University of Paris.
- 1898 Discovered polonium and radium with her husband, Pierre Curie.
- 1903 Awarded the Nobel Prize in Physics, along with Henri Becquerel and Pierre Curie, for the discovery of radioactivity and radiation.
- 1911 Awarded the Nobel Prize in Chemistry for her discovery of polonium and radium.
- 1934 Jul 4th Died in Savoy, France.



What are the Marie Skłodowska Curie Actions?

Objectives

- Supporting researcher's career development
- Bottom-up approach – you choose the research topic
- Mobility (to and from ASEAN)
- Enhanced business-academia collaboration and staff exchange
- Excellent employment and working conditions

Dr. Lumentut research visit (1926) at Marie Curie Laboratory showed that the spirit of research collaboration has been going on since long time ago....!!



Dr. H.F. Lumentut
Born in Manado, 3
February 1884
Died in
Amsterdam, 15
April 1936

Reference:
(1925) Council of the Northern Society for Medical Radiology 1923-1925, Acta
Radiologica, 4:6, 658-664, DOI: 10.3109/00016922509135339

Nederlands Tijdschrift voor Geneeskunde, Zaterdag 25 April 1926, <https://www.ntvg.nl/artikelen/memoriaam-dr-hf-lumentut>
<https://leiden.courant.nu/issue/LD/1926-11-23/edition/0/page/7>



Who, what and where?

- **Who: All levels** of research experience from PhD researcher upwards – there are actions for different levels of experience.
- **What: All areas** of research are supported: bottom-up approach
- **Where: Anywhere:** any research performing organisation, public or private worldwide - there are actions for European and international mobility


Mobility to / from ...

28 EU Members

Austria, Belgium, Bulgaria,
Croatia, Cyprus, Czech
Republic,
Denmark, Estonia, Germany,
Greece, Finland, France,
Hungary, Ireland, Italy, Latvia,
Lithuania, Luxemburg, Malta,
Netherlands, Poland, Portugal,
Romania, Slovakia, Slovenia,
Spain, Sweden, United
Kingdom

16 Associated Countries

Iceland • Norway • Albania •
Bosnia and Herzegovina • the
former Yugoslav Republic of
Macedonia • Montenegro •
Serbia • Turkey • Israel •
Moldova • Switzerland • Faroe
Islands • Ukraine • Tunisia •
Georgia • Armenia



WHICH ACTIONS
are suited for me?

Depends on **experience** and **type of mobility**

Support for 2 categories of researchers:

Early Stage Researcher: Less than 4 years of research experience*, and without a doctoral degree ("pre-doc")

Experienced Researcher: In possession of a doctoral degree or at least 4 years of research experience ("post-doc")

How?



Marie Skłodowska-Curie Actions

Innovative Training Networks	ITN early-stage researchers (< 4 years)	Doctoral and initial training: European Training Networks, European Industrial Doctorates, European Joint Doctorates
Individual Fellowships	IF experienced researchers (> 4 years)	Support for experienced researchers to undertake international and inter-sector mobility, incl. career restart and reintegration
Research and Innovation Staff Exchange	RISE	International and inter-sector cooperation through the exchange of staff
Co-funding of programmes	COFUND	Co-funding of regional, national and international programmes: - doctoral programmes (ESR) - fellowship programmes (ER)



Doctoral candidate level

Apply for a position in **a programme**
(ITN or COFUND)

- All **ITN** and **COFUND** positions are advertised on the **EURAXESS Portal**
- <http://ec.europa.eu/euraxess/jobs>



The screenshot shows the EURAXESS Researchers in Motion website. At the top, there is a navigation bar with the European Commission logo and the text "EURAXESS Researchers in Motion". Below this, there is a search bar with the text "On looking for..." and a "Go" button. To the right of the search bar, there are three colored buttons: "COFUND", "POST DO", and "ITN". Below the search bar, there are several job listings. The first listing is for a "Research Fellow in Molecular Biology" at the University of Cambridge, with a deadline of 15/01/2012. The second listing is for a "Research Fellow in Molecular Biology" at the University of Cambridge, with a deadline of 15/01/2012. Below the job listings, there are several logos and links, including "vilco", "efsa", and "vico".



Post-doc level

Apply for **your own fellowship:**

through **IF**

and/or

through **COFUND**

Individual Fellowships (IF)



- A personal fellowship to support a period of mobility
- For Experienced Researchers
 - Post-PhD or equivalent
 - No upper age or experience limit
- Fully-funded fellowships
 - Salary, research costs etc.
- Academic or non-academic host



Going to Europe: European Fellowships

Held in the **EU or associated countries**

Open to researchers coming **to Europe**

European Fellowships can also include a **secondment period** of up to 3 or 6 months in another organisation in Europe, where this would boost the impact of the fellowship.



Going to ASEAN: Global Fellowships

Fund secondments outside Europe for researchers based in the EU or associated countries.

Open to researchers working in Europe moving to rest of the world.

Research institution in ASEAN can host a MSCA IF grantee from Europe



More than just a research project; a career development fellowship

1. Scientific excellence

- Training through research (individual project)

2. Interdisciplinary skills

- Additional scientific skills (new techniques, instruments etc.)
- Transferable skills (e.g. communication, IPR, entrepreneurship etc.)
- Research and financial management of the fellowship
- Organising and taking part in events (including public engagement)
- Training in gender and ethics issues



More than just a research project; a career development fellowship

3. Inter-sectoral mobility

- Secondments possible to and from the non-academic sector: 3 – 6 months
 - Can spend up to 6 months (in total) working in another organisation (ideally in another sector) in Europe.
 - Opportunity to link with industry, NGO, public sector, national archive etc.

4. Networking

- Strengthening networking capabilities both for researchers and for organisations involved



Funding Model



Categories of eligible costs	Costs of researcher PER MONTH (euros)			Institutional costs PER MONTH (euros)	
	Living allowance (a)	Mobility allowance (b)	Family allowance (c)	Research, training and networking costs (a)	Management and indirect costs (b)
Marie Skłodowska-Curie action					
IF (100%)	4 880	600	500	800	650

- Fellow's Salary = Living Allowance + Mobility Allowance (+ Family Allowance)
- Rates in table are inclusive of employers' costs (e.g. employer's PRSI, pension contribution)
- A country coefficient applies to the Living Allowance (e.g. 113.5 for Ireland, 68.3 for Romania)
- Estimated Gross Salary (prior to employee's tax, social security and pension deductions)
 - €55,000 p.a. (no family allowance)
 - €60,000 p.a. (with family allowance)

1 euro = 28000 VND



How to apply

Prospective Fellow

1. Find a host organisation and a supervisor
2. Look for ads on [EURAXESS](#)
3. Ask your supervisor for recommendations
4. Write the application together
5. Submit application together

Prospective Supervisor (in ASEAN)

1. Find an applicant
2. Search EURAXESS CV Database OR post on EURAXESS
3. Ask research collaborators for recommendations
4. Write the application together
5. Submit application together

Apply at Horizon 2020 Participant Portal:
<http://ec.europa.eu/research/participants/portal/>

- 1 • Excellence
- 2 • Impact
- 3 • Implementation
- 4 • Researcher's CV (5 pages max)
- 5 • Capacities of the host(s) - Tables
- 6 • Ethics issues
- 7 • Letters of Commitment (GF only)

10 pages
max

Evaluation Criteria

Criterion	Weighting	Priority (ex-aequo)
Excellence	50%	1
Impact	30%	2
Implementation	20%	3

Overall threshold of 70%
No individual thresholds



Excellence (50%) Priority 1	Impact (30%) Priority 2	Implementation (20%) Priority 3
<p>Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)</p>	<p>Enhancing research- and innovation-related human resources, skills, and working conditions to realise the potential of individuals and to provide new career perspectives</p>	<p>Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources</p>
<p>Clarity and quality of transfer of knowledge/training for the development of researcher in light of the research objectives</p>		<p>Appropriateness of the management structures and procedures, including quality management and risk management</p>
<p>Quality of the supervision and the hosting arrangements</p>	<p>Effectiveness of the proposed measures for communication and results dissemination</p>	<p>Appropriateness of the institutional environment (infrastructure)</p>
<p>Capacity of the researcher to reach or re-enforce a position of professional maturity in research</p>		<p>Competences, experience and complementarity of the participating organisations and institutional commitment</p>



Read these guides!!

**HOW TO WRITE A WINNING PROPOSAL
FOR INDIVIDUAL FELLOWSHIPS (IF)
EVIDENCE FROM EVALUATION SUMMARY
REPORTS**

AND

**SURVIVOR'S GUIDE TO MSCA INDIVIDUAL
FELLOWSHIPS**



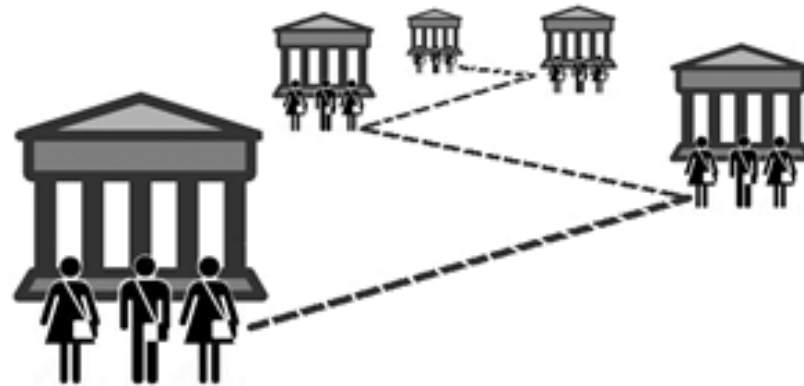
Next Call

April 2019

Apply through the Horizon 2020 Participant Portal:

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

Research and Innovation Staff Exchange RISE





- New type of exchange-of-staff-action to stimulate transfer of knowledge
- Academic and non-academic participants
- Flexible inter-sector and international (outside Europe) exchange of highly skilled research and innovation staff members
- Work with existing staff – no recruitment foreseen
- Based on a common project on research and innovation
- Bottom up approach – no predefined scientific priorities

The RISE scheme supports 2 possible dimensions



Funding for two types of exchanges/secondments:

1. International: Between Europe (MS/AC) and outside Europe (TC).
2. Inter-sectoral: (academic and non-academic sectors)



Project Design



- Project built on **joint** research and innovation activities
- Project implemented through the **secondment of staff** (no recruitments)
- **A staff** member seconded for a period of **1 to 12** months
- The **maximum** size for a project is **540** person months
- **No minimum** size explicitly defined for the project, but substantial impact is expected
- Maximum project duration is **4 years**

Expected Impact



At staff level member

- Increased set of skills, both research-related and transferable ones, leading to improved employability and career prospects both in and outside academia
- Increase in higher impact R&I output, more knowledge and ideas converted into products and services
- Greater contribution to the knowledge-based economy and society

At organisation level

- Enhanced cooperation and transfer of knowledge between sectors and disciplines
- Strengthening of international and intersectoral collaborative networks
- Boosting of R&I capacity among participating organisations

Expected Impact



At system level

- Increase in international, interdisciplinary and intersectoral mobility of researchers in Europe
- Strengthening of Europe's human capital base in R&I
- Increase in Europe's attractiveness as a leading destination for R&I
- Better quality R&I contributing to Europe's competitiveness and growth





Unit costs per researcher per month of secondment for secondments eligible for funding

Marie Skłodowska-Curie Action	Staff member unit cost * <i>person/month</i>	Institutional unit cost * <i>person/month</i>	
		Research, training and networking costs	Management and indirect costs
Research and Innovation Staff Exchange	2 100	1 800	700

Next RISE Call will open December 2018

Hints for a successful proposal



- Look for a network or host institute and supervisor (you can only submit **one application per call**)
- **Design** your research project in time
- Consider **appropriate secondment options**
- Think about the proposal in the context of the **Evaluation Criteria**
- Proposal should **make the evaluators' "life" easier** (consistent, well-written, "built" around the award criteria)
- The evaluators may not all be world experts in exactly the area of your proposal – **avoid using very specific jargon and acronyms**

Hints for a successful proposal



- Provide the evaluators with **evidence for your claims**, but avoid external resources (links to websites etc.)
- Graphics and charts can be very helpful, but don't overdo it! Make sure they are **readable** in black & white.
- Explain the contribution that your project is expected to make. Your project should be **innovative** and original.
- Demonstrate the **expertise of the host institutions** as well as the **expertise of the supervisor/research staff** in the field of research you want to explore.
- Describe how this project will contribute to **development of the researchers career** and to network enhancement
- **Find a successful proposal** (Google helps—"Part B")



ASEAN and Horizon 2020

- Horizon 2020 – the main EU funding mechanism to support research and innovation
- runs from 2014 – 2020 with a budget of €80 billion euros
- All ASEAN countries can participate and get funded except Singapore and Brunei
- 103 successful participations by ASEAN researchers (65 projects)
- ASEAN researchers receiving €16.8 million in research funding (approx IDR 281 billion)



Indonesia and Horizon 2020

- As of 1 September Indonesian researchers receiving €1.5 million euros of Horizon 2020 funding (IDR 27 billion)
- 40 Indonesian researchers being supported through the Marie Skłodowska Curie Action (MSCA)
- More than 350 researchers from across ASEAN benefitting from the MSCA



**Thank you
for your
attention!**

MSCA website:

<http://ec.europa.eu/msca>

MSCA on Facebook:

<https://www.facebook.com/Marie.Curie.Actions>

Horizon Participant Portal:

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

EURAXESS Portal:

<https://euraxess.ec.europa.eu/worldwide/asean>

EURAXESS ASEAN on Facebook

<http://www.facebook.com/euraxess.links.asean>