



European  
Commission

# Marie Skłodowska- Curie Actions in Horizon Europe

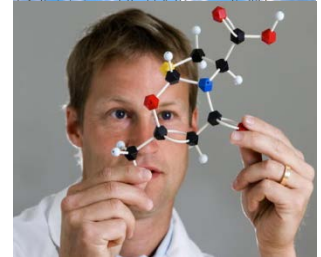
*Cooperation in researchers' training  
and mobility*

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**European Commission  
DG Education, Youth, Sport and Culture  
Marie Skłodowska-Curie Actions Unit**

# MSCA key features

- **Support the mobility, training and career development** of researchers from **all over the world** through excellent doctorates, postdoctoral fellowships and collaborative projects
- Stimulating **international, inter-sectoral and interdisciplinary** cooperation. Participation of **non-academic sector**, especially industry and SMEs
- For researchers at **every stage** of their career
- Support excellent research in all domains (**bottom-up approach**)
- Promotion of **attractive working and employment** conditions (financing rate of up to 100% )
- Impacting **researcher careers, organisations, structures**



# MSCA in Horizon 2020 (2014-2020)



**ITN**  
Innovative  
Training Networks



**IF**  
Individual  
Fellowships



**RISE**  
Research and Innovation Staff  
Exchange



**COFUND**  
Co-Funding of Regional, National and  
International Programmes

- 4 Main Actions
- 6.2 billion EUR
- Over 65,000 researchers including 25,000 PhDs
- > 1000 collaborative and transnational **Doctoral training programmes**

# The MSCA and Thailand (2014-2020)



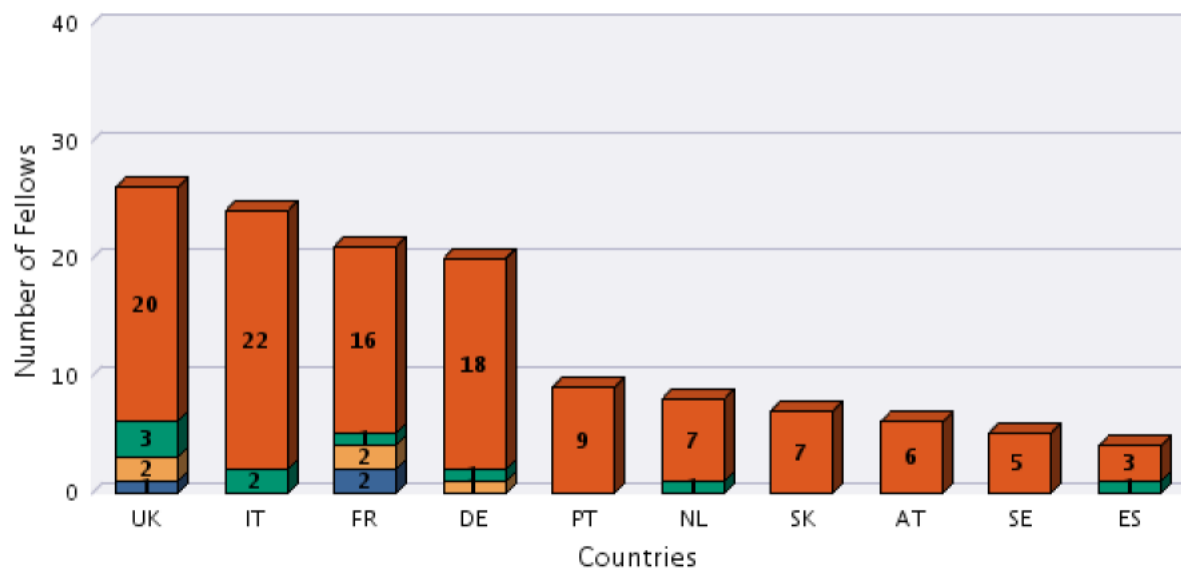
- **129** Thai researchers funded
  - **60%** are women
  - **Mostly doing research in...**  
the United Kingdom, Italy, France, Germany and Portugal
  - **Thailand ranks 13<sup>th</sup> worldwide among third countries in terms of participation in MSCA, behind US, China, Canada, Australia, Japan, Brazil, Russian Federation, New Zealand, Mexico, Argentina, South Africa and Morocco**
  - **Success rate of 20,71% (third countries average: 19,76%)**
- With **17 different Thai organisations** taking part in **25 RISE projects**
- The most active Thai organizations are:
  - **Chulalongkorn University**
  - **National Science and Technology Development Agency**
  - **Chiang Mai University**
  - **Mahidol University**
  - **Prince of Songkla University**

# The MSCA and Thailand (2014-2020)

Action	Number of Participations of TH organisations*		EU contribution (in EUR million) to TH organisations	Number Of Projects	TH researchers involved	Researchers going to TH organisations
COFUND	N/A	(-)	N/A	N/A	3	0
IF	N/A	(-)	N/A	N/A	6	0
ITN	N/A	(-)	N/A	N/A	12	0
RISE	29	(29)	N/A	25	108	118
<b>Total:</b>	<b>29</b>	<b>(29)**</b>	<b>N/A</b>	<b>25</b>	<b>129</b>	<b>118</b>

\* Number of Participations is the number of participations by organisations i.e. the total number of times that organisations in this country have participated in each action.

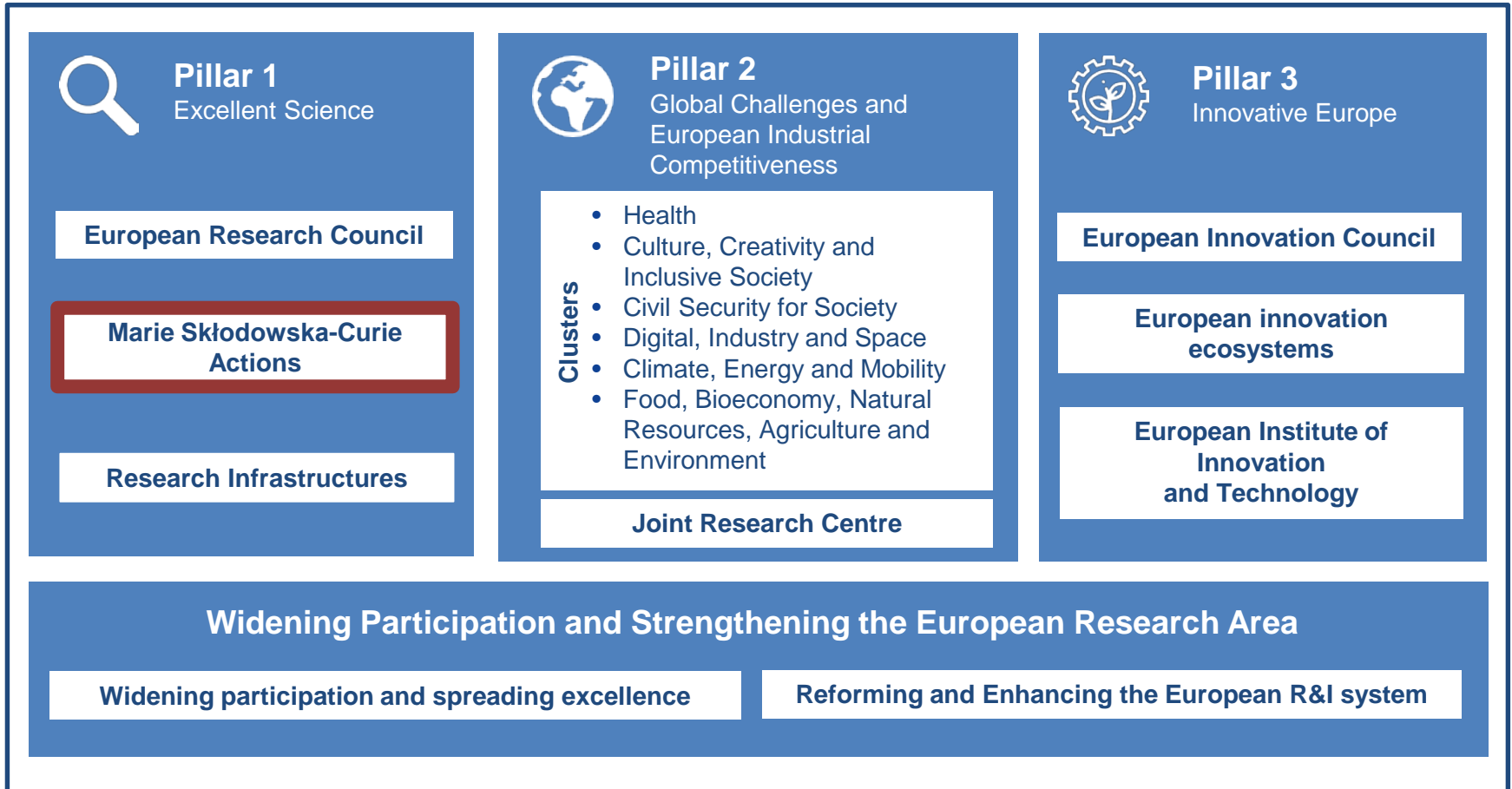
\*\*In brackets - partner organisations (included in the total number).



■ COFUND ■ IF ■ ITN ■ RISE

# The MSCA in Horizon Europe

# Horizon Europe: Preliminary structure



**Excellent Science (Pillar 1):** reinforcing and extending the excellence of the Union's science base

# MSCA 2021-2027



1. MSCA Doctoral Networks
2. MSCA Postdoctoral Fellowships
3. MSCA Staff Exchanges
4. MSCA COFUND
5. MSCA and Citizens

- *networks training PhD candidates*
- *postdoctoral researchers*
- *any type of research(-related) staff*
- *co-funding for training programmes*
- *public outreach events*



# 1. MSCA Doctoral Networks

# MSCA Doctoral Networks (1/3)



- **1 single action** to implement doctoral programmes, including joint and industrial degrees

(focus on career development plan, supervision, training: research and transferable skills)

- ❖ **Industrial Doctorates**

- ✓ Training in academia and industry
- ✓ Joint supervision

- ❖ **Joint Doctorates**

- ✓ Joint collaborations leading to a joint/multiple doctoral degree
- ✓ Joint selection and supervision

- **Consortia**

- **partnerships** of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors
- at least **three independent legal entities**, each established in a different MS or AC; minimum of 1 beneficiary from a MS (on top of this minimum, any entity from any third country can join)

- **Target group**

- **doctoral candidates**, i.e. researcher without a doctoral degree at the date of the recruitment

# MSCA Doctoral Networks (2/3)



- **Size**
  - **Up to 360 person-months (standard) + 180 additional person-months for joint or industrial doctorates (incentive)**
- **Duration**
  - **Programme:** max. 48 months
  - **Fellow:** between 3 and 36 months
  - **Secondments:** up to 1/3 of the fellowship duration
  - **Industrial doctorates:** 50% in the non-academic sector; can be in the same country as the academic host organisation
- **Calls**
  - **2021:** 4 May - 16 Nov 2021
  - **2022:** 3 May - 15 Nov 2022
  - **Resubmission restrictions** applying as of 2022 for applications receiving a score **below 80%**

# MSCA Doctoral Networks (3/3)



- **Unit contributions**

MSCA Doctoral Networks	Contributions for recruited researchers per person-month					Institutional unit contributions per person-month	
	Living allowance	Mobility allowance	Family allowance (if applicable)	Long-term leave allowance (if applicable)	Special needs allowance (if applicable)	Research, training and networking contributions	Management and indirect contributions
	EUR 3 450	EUR 600	EUR 660	EUR 4 050 x % covered by the beneficiary	requested unit <sup>46</sup> x (1/number of months)	EUR 1 600	EUR 1 200

<sup>46</sup> The pre-defined categories are as follows: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

## 2. MSCA Postdoctoral Fellowships

# MSCA Postdoctoral Fellowships (1/3)

- Continue **supporting postdoctoral research** and careers; open to **researchers of any nationality**
- New mind-sets and approaches to research and innovation through **interdisciplinary, inter-sectoral and international experience**
- Continue funding **all research domains** including areas of research covered by the **EURATOM Treaty**
- Clarify and simplify, a **single action**
  - **Two destinations:** European and Global Postdoctoral Fellowships
  - **Secondments in any country**
  - **Incentive for additional period of up to 6 months** for placements in the non-academic sector
- **Duration** (no change):
  - European Fellowships:** 12-24 months (additional up to 6 months for non-academic sector)
  - Global Fellowships:** 24 -36 (12-24 outgoing & 12 months mandatory return phase in Europe)



# MSCA Postdoctoral Fellowships (2/3)

- Develop skills needed for **academia and beyond**
  - Intensify exposure/secondments to training in entities beyond academia
  - Improved guidance towards career development (plan & supervision)
- **Managing the increasing demand** to maintain high-quality selection & improve success rate
  - Limit research experience to 8 years (with exceptions)
  - Require PhD degree
  - Restrict resubmissions below quality threshold (in 2022)



**Calls: 2021:** 15 Apr – 15 Sept

**2022:** 14 Apr – 14 Sept

*The information in this presentation is still subject to change*

# MSCA Postdoctoral Fellowships (3/3)



<b>MSCA Postdoctoral Fellowships</b>	<b>Contributions for the recruited researcher per person-month</b>					<b>Institutional contributions per person-month</b>		<b>unit</b>
	<b>Living allowance</b>	<b>Mobility allowance</b>	<b>Family allowance (if applicable)</b>	<b>Long-term leave allowance (if applicable)</b>	<b>Special needs allowance (if applicable)</b>	<b>Research, training and networking contributions</b>	<b>Management and indirect contributions</b>	
	<b>EUR 5 150</b>	<b>EUR 600</b>	<b>EUR 660</b>	EUR 5 750 x % covered by the beneficiary	requested unit <sup>50</sup> x (1/number	<b>EUR 1 000</b>	<b>EUR 650</b>	

<sup>50</sup> The pre-defined categories are as follows: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.



# 3. MSCA Staff Exchanges

# MSCA Staff Exchanges (1/2)

- **Most international action** under MSCA
- Continue supporting staff exchanges, **open to any type of staff contributing to research activities** (researchers, administrative, technicians, infrastructure operators,...)
- **International, inter-sectoral, interdisciplinary** secondments
- Emphasis on the **added-value of the collaboration** itself
- Lean and flexible tool to support **collaborative R&I projects**
- **4 years** for project implementation (no change)

## What's new?

- Interdisciplinary secondments possible within Europe (max 1/3 of total secondment months)
- Number of person-months reduced to 360 (to make projects more manageable)

# 3. MSCA Staff Exchanges (2/2)



MSCA Staff Exchanges	Contributions for seconded staff members per person-month		Institutional contributions per person-month	
	Top-up allowance	Special needs allowance (if applicable)	Research, training and networking contributions	Management and indirect contributions
	EUR 2 300	requested unit <sup>1</sup>  x (1/number of months)	EUR 1 300	EUR 1 000

<sup>50</sup> The pre-defined categories are as follows: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

# Upcoming calls

2021 Call	Preliminary planning*
Doctoral Networks	04 May 2021-16 Nov 2021
Postdoctoral Fellowships	15 Apr 2021-15 Sep 2021
Staff Exchanges	07 Oct 2021-09 Mar 2022
COFUND	11 Oct 2021-10 Feb 2022

\* Still tbc

# Links

## Marie Curie Actions Website

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

## Participant Portal (applications, documents)

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

## Euraxess Portal (vacancies, more information)

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

## MCAA (Alumni association)

<https://www.mariecuriealumni.eu>

 [@MSCActions](https://twitter.com/MSCActions)

 [marie.curie.actions](https://www.facebook.com/marie.curie.actions)

# Contact

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Nothing in life is to be feared,  
it is only to be understood.  
**Now is the time to understand  
more, so that we may fear less.**

*– Marie Curie*



Thank you!