



European
Commission

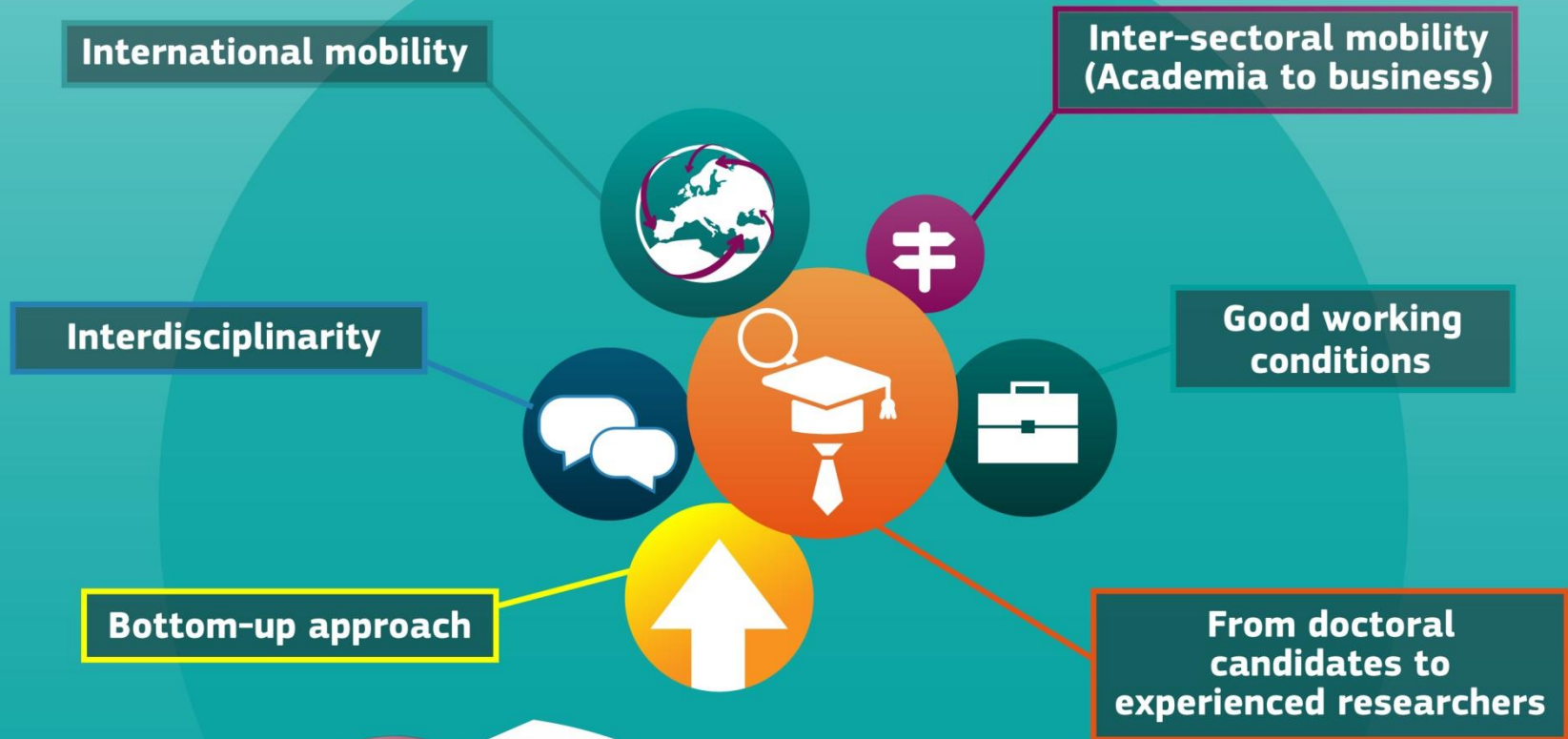
H2020 training seminar Marie Skłodowska-Curie Actions

18 February 2019 - Alger

**DG Education & Culture
Claire Morel – DG EAC – C3**

MSCA key features

Research training and career development



MSCA key figures: Horizon 2020



9 Nobel laureates



1 Oscar winner

~ 100



SPIN-OFFS

~ 1500



PATENT APPLICATIONS

~ 25 000



PHD CANDIDATES

~ 1200



INTERNATIONAL AND INTERSECTORAL TRAINING PROGRAMMES

40 %



FEMALE RESEARCHERS

1 in 4



NON-EU RESEARCHERS

1 million visitors / year



EUROPEAN RESEARCHERS' NIGHT

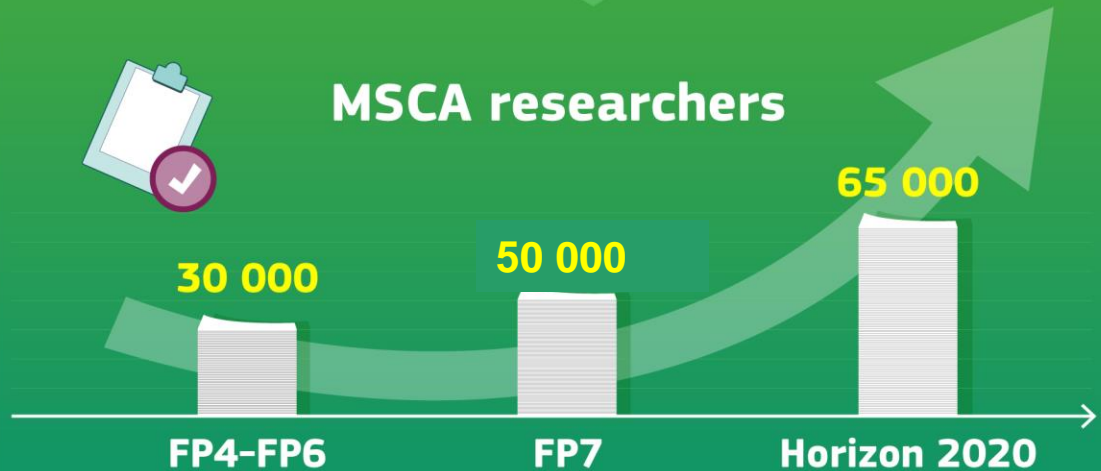
20 Years of MSCA

Marie Skłodowska-Curie Actions
have supported **more than
100 000 researchers** so far

BUDGET INCREASE



MSCA researchers



MSCA: the different actions

6 162
million €

2014-2020

ITN: *host-driven, early-stage researchers*

(network recruiting ~PhD students)

IF: *individual, experienced researchers*

incoming & outgoing (~'post-docs')

RISE: *exchange of all types of research staff*

with 'Third Countries' and/or private sector

COFUND: *cofunding e.g. national schemes*

European Researchers' Night

outreach & communication



European
Commission

Education
and Culture

New funding support in the WP 2018-2020

Widening Fellowships (WF)

- specific support to researchers to undertake their fellowship in a "widening country"
- contribution to spreading excellence and closing the still apparent Research & Innovation gap within Europe
- implemented through the *Spreading Excellence and Widening Participation* part of the Horizon 2020 Work Programme 2018-20, in line with MSCA's high standards
- Which countries are concerned?



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.

MSCA Calls 2019



IF Individual Fellowships

What does it offer?
Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.

Who applies?
Individual researchers together with the host organisations

Who is funded?
Postdoctoral researchers

Call details:
Opens: 11 April 2019
Closes: 11 September 2019
Budget: 295,62M€



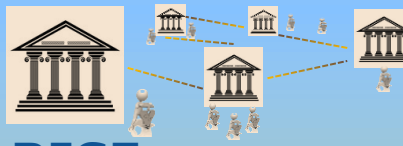
ITN Innovative Training Networks

What does it offer?
High-quality research training delivered through 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 4 years of full-time research experience and no doctoral degree)

Call details:
Opens: 12 September 2018
Closes: 15 January 2019
Budget: 470 M€



RISE Research & Innovation Staff Exchange

What does it offer?
The exchanges 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

Call details:
Opens: 04 December 2018
Closes: 02 April 2019
Budget: 80M€



COFUND Co-Funding of Regional, National & International Programmes

What does it offer?
Regional national or international programmes to foster excellence in training mobility and career development of researchers

Who applies?
Organisations funding or managing doctoral or fellowships programmes

Who is funded?
Researchers at doctoral and postdoctoral level

Call details:
Opens: 04 April 2019
Closes: 26 September 2019
Budget: 90M€

MSCA - Implementation

- **Programme implemented through annual Calls for Proposals**
- **Published on Horizon 2020 Participant Portal**
- **Highly competitive – success rates vary according to action**
- **Evaluation of proposals by independent, international experts (proposals are read by at least 3 disciplinary experts)**
- **8 scientific evaluation panels (CHE, PHY, MAT. LIF, ECO, ENG, SOC, ENV)**
- **Distribution of awards across Panels proportional to number of proposals received**

Participation of Algeria in MSCA 2014 -2018 (as at 08/02/2019)

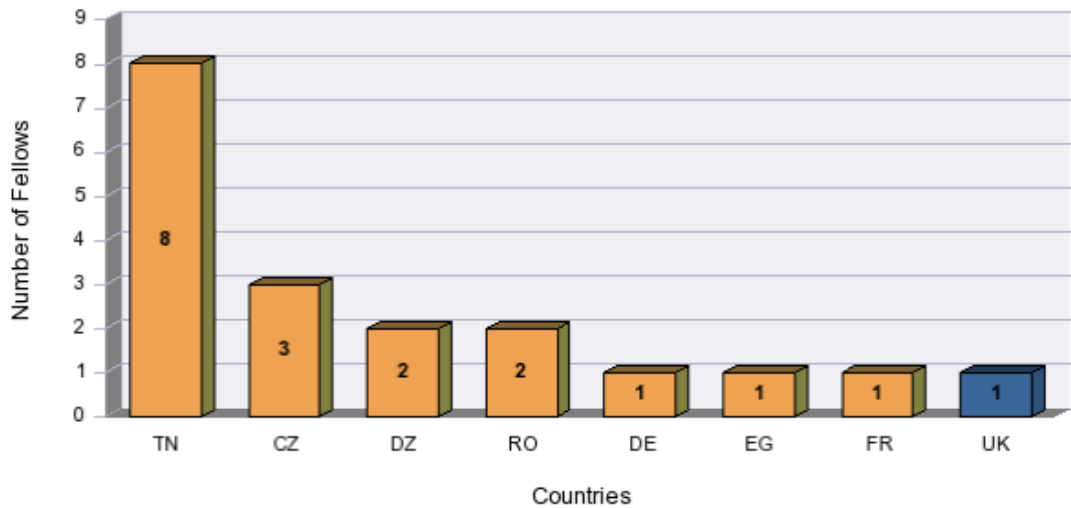
Action	Number of Participations of DZ organisations*		EU contribution (in EUR million) to DZ organisations	Number Of Projects	DZ researchers involved	Researchers going to DZ organisations
COFUND	N/A	(-)	N/A	N/A	4	0
IF	1	(1)	N/A	1	N/A	1
ITN	N/A	(-)	N/A	N/A	9	0
RISE	5	(5)	N/A	5	37	18
Total:	6	(6)**	N/A	6	50	19

* 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).

Success rate of DZ applicants: 17,14% (OCAF average 20,76%)

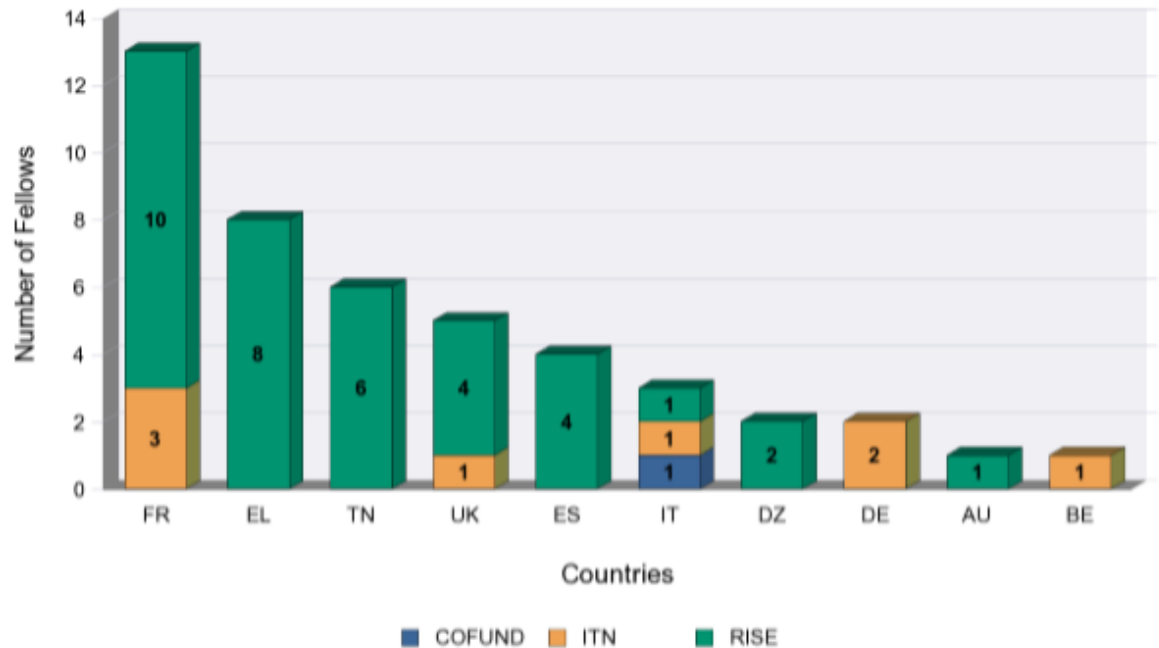
Fellows going to DZ, grouped by their nationality (top 10 nationalities)



Mobility patterns

DZ fellows (nationals) grouped by country of destination (top 10 countries)

■ IF



Top collaborative links with DZ*

Country	Number of Collaborations
FR - France	13
EL - Greece	7
ES - Spain	6
BG - Bulgaria	3
RO - Romania	3

* A collaborative link is assumed to exist between each pair of participants in each contract. The number of collaborative links created by a project is calculated in the following way: When there are m participants from one country and p from another country in a project, the number of collaborative links created between the two countries as a result of the project is assumed to be $m \times p$.

Top DZ participating organisations in terms of number of participations

Name	Number of participations
INSTITUT PASTEUR D ALGERIE E.P.I.C.	2
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE D ALGERIE	1
UNIVERSITE D ORAN	1
CENTRE DE RECHERCHE SCIENTIFIQUE ET TECHNIQUE EN ANALYSES PHYSICO-CHIMIQUES	1
UNIVERSITE D'ALGER 2	1

Participation of South Mediterranean organisations in MSCA 2014 -2018

CODE	Country	COFUND	IF	ITN	RISE	NIGHT	Total
IL	Israel	6	40	101	28	39	214
LB	Lebanon	0	1	1	4	0	6
TN	Tunisia	1	0	1	14	0	16
DZ	Algeria	0	1	0	5	0	6
MA	Marroco	1	0	0	31	0	32
PS	Palestine	0	0	1	1	0	2
EG	Egypt	0	0	0	12	0	12
JO	Jordan	0	0	0	2	0	2
Total:		8	42	104	97	39	290

Participation of South Mediterranean fellows in MSCA 2014 -2018

CODE	Country	COFUND	IF	ITN	RISE	NIGHT	Total
IL	Israel	7	65	12	32	0	116
LB	Lebanon	7	1	18	39	N/A	65
TN	Tunisia	3	4	17	62	0	86
DZ	Algeria	4	0	9	37	N/A	50
MA	Marroco	4	1	11	140	N/A	156
PS	Palestine	0	2	7	3	N/A	12
EG	Egypt	14	9	57	62	N/A	142
JO	Jordan	2	1	7	36	N/A	46
Total:		41	83	138	411	0	673

NCPs -National Contact Points:

- Main structures to provide guidance, practical information and assistance on participation in Horizon 2020 programmes
- National structures - services may differ from country to country.
- NCPs exist in Algeria, Egypt, Israel, Jordan, Tunisia
- NCPs basic services:
 - ✓ Guidance on H2020 topics and actions
 - ✓ Administrative and contractual advice
 - ✓ Training and assistance on proposal writing
 - ✓ Documentation
 - ✓ Assistance in partner search
 - ✓ Cost-free (covered by NCPs)

MSCA NCP in Algeria

Person of contact: Arezki Saidani
Organisation
Ministre de l'Enseignement Supérieur et de
la Recherche Scientifique (MESRS)
11 chemin Doudou Mokhtar Ben Aknoun-
16306 Algiers | Algeria
Tel: (213) 023 23 80 40 - Fax: (213) 023 23
80 40
Website: <https://www.mesrs.dz/>

Website: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>

Euraxess – Researchers in Motion



- Information and assistance to professional researchers
- Supports scientific collaboration between Europe and the world
- Gateway to Science4Refugees
- Job vacancies, funding opportunities
- Collaborative partnering tool
- Free of charge

<https://euraxess.ec.europa.eu/useful-information/about-euraxess>

HORIZON EUROPE

PILLAR 1: OPEN SCIENCE

€ 25.8 billion

European Research Council

- Frontier research by the best researchers and their teams

€ 16.6 billion

Marie Skłodowska-Curie Actions

- Equipping researchers with new knowledge and skills through mobility and training

€ 6.8 billion

Research Infrastructures

- Integrated and inter-connected world-class research infrastructures

€ 2.4 billion

MSCA in Horizon Europe, supporting:



1. Doctoral Training Networks → *PhD students*
2. Postdoctoral Fellowships → *postdocs*
3. Staff Exchanges → *any type of research staff*
4. Synergies → *co-funding training programmes*
5. European Researchers' Festivals → *public outreach events*

More information

Marie Skłodowska-Curie website

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

Horizon2020

<http://ec.europa.eu/programmes/horizon2020>

Participant Portal (calls, online application, documents, FAQ, NCPs)

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

Euraxess (jobs, rights, services, etc.)

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

European Charter for Researchers

<http://ec.europa.eu/euraxess/index.cfm/rights/whatIsAResearcher>

How to find partners

<https://cordis.europa.eu/partners/web/guest>

MSCA on Facebook

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

MSCA on Twitter

@MSCactions