



# Marie Skłodowska- Curie Actions

**Moving research  
talent forward**

**Information session on MSCA  
Individual Fellowships**

*Brussels, 7 May 2019*

**Stijn Delauré, PhD**

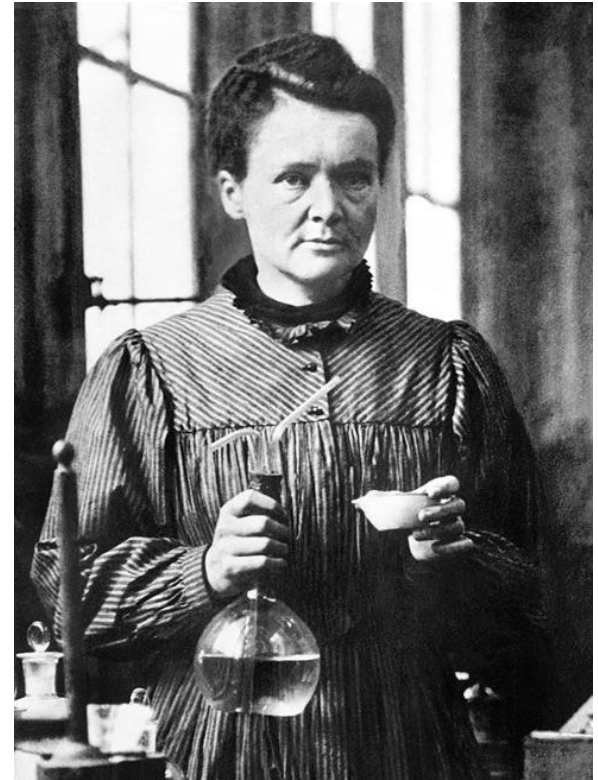
European Commission

Directorate-General for Education, Youth,  
Sport and Culture

*Unit Marie Skłodowska-Curie Actions*

# Overview

- Introduction to the MSCA
- Belgium & the MSCA
- MSCA-IF-2019 call modalities (*Ilse De Waele*)
- What's next? The MSCA in Horizon Europe



Marie Skłodowska-Curie

# Horizon 2020 (2014-2020) Framework Programme



€77 billion research and innovation funding programme (2014-2020)



**MSCA: European Union's main programme for researcher training and career development**

(budget: €6.2 billion)

# MSCA key features

## Research training and career development



# MSCA 2014-2020



## **ITN**

### **Innovative Training Networks**

*(host-driven, network recruiting ~PhD students)*



## **IF**

### **Individual Fellowships**

*(researcher-driven, incoming & outgoing mobility, ~postdoctoral researchers)*



## **RISE**

### **Research and Innovation Staff Exchange**

*(for all types of research staff, collaboration with non-European entities and/or private sector)*



## **COFUND**

# Open and future calls

call	opening	closing	budget (M€)
ITN	12/09/2019	14/01/2020	530.13
IF	11/04/2019	11/09/2019	294.49
	08/04/2020	09/09/2020	328
RISE	05/12/2019	28/04/2020	80
COFUND	04/04/2019	26/09/2019	90
	08/04/2020	29/09/2020	100
NIGHT	08/10/2019	09/01/2020	8

Work Programme 2020 to be adopted on 27 June 2019

*Changes: definition academic sector, clarification on civil society organisations, budget increase for ITN and IF*

# Seal of excellence for MSCA-IF

★ SEAL OF  
EXCELLENCE ★



*I very much welcome the initiatives of several Member States to introduce new funding schemes for MSCA Seal of Excellence recipients and I strongly encourage other countries to do the same.*

**Tibor Navracsics**  
*Commissioner for Education, Culture, Youth and Sport*



Image: © European Union 2017

**#SealofExcellence**

**@EU\_H2020**

**#H2020**

[https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/seal-excellence/funding-opportunities-under-msca\\_en](https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/seal-excellence/funding-opportunities-under-msca_en)



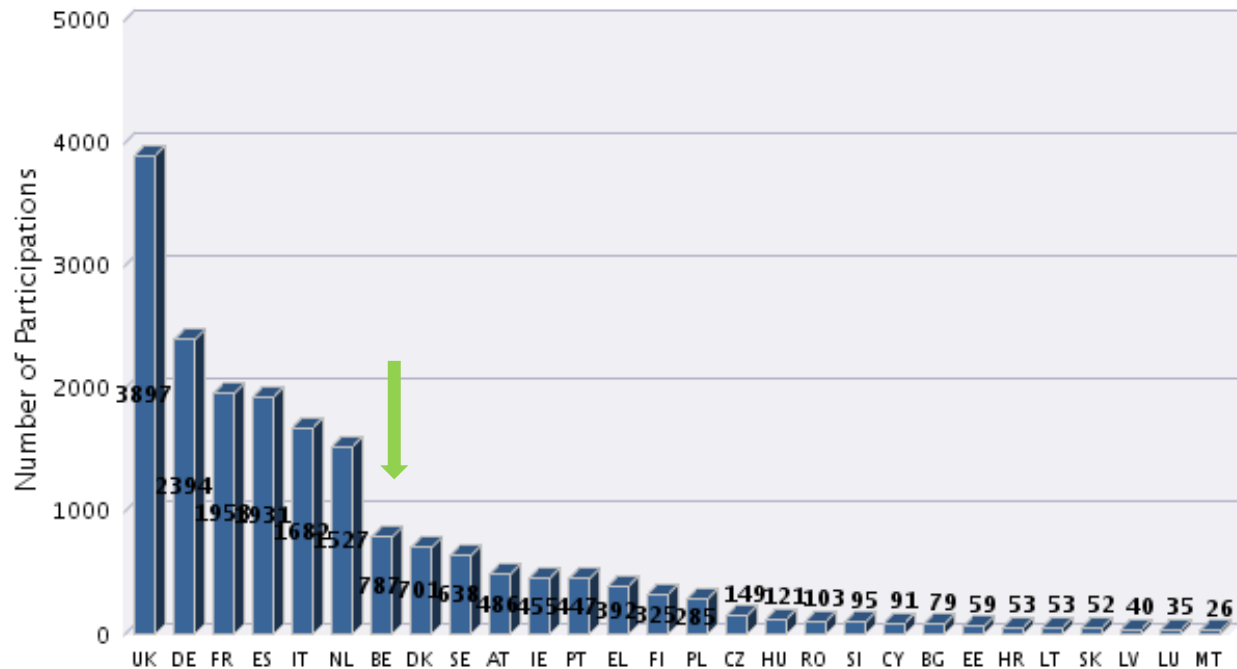
# Belgium and the MSCA

327 Belgian researchers funded

785 researchers going to Belgian organisations

233 Belgian organisations participating (in total 787 participations)

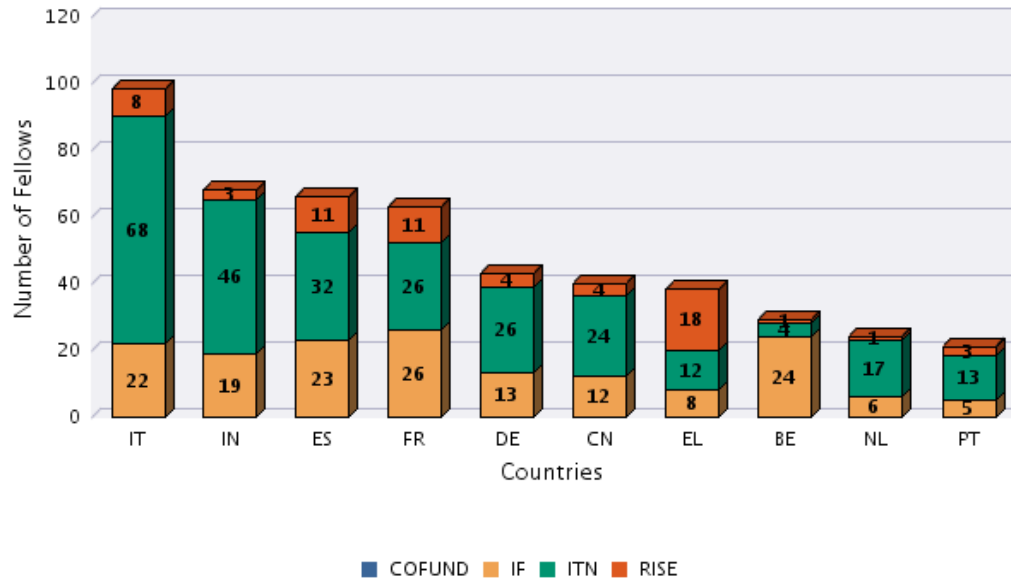
MSCA budget awarded to Belgian organisations: €176 Mio



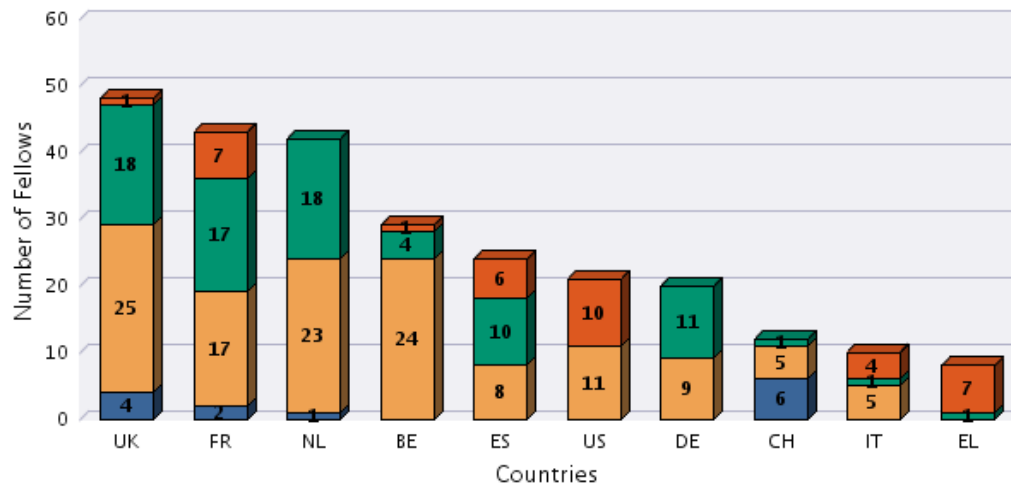


# Mobility patterns

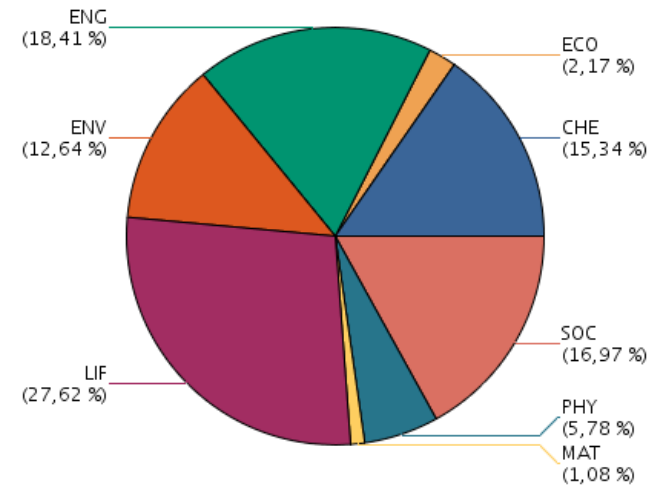
Fellows going to BE, grouped by their nationality (top 10 nationalities)



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



# Disciplinary distribution



**Gender balance**  
42%-58% female-male  
(average EU: 42%-58%)

# Collaborative links with Belgium

Country	Number of Collaborations
DE - Germany	959
UK - United Kingdom	891
NL - Netherlands	735
FR - France	637
ES - Spain	533

\* 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  $m \cdot p$ .

# Type of organisation

## Participating BE organisations by type of organisation

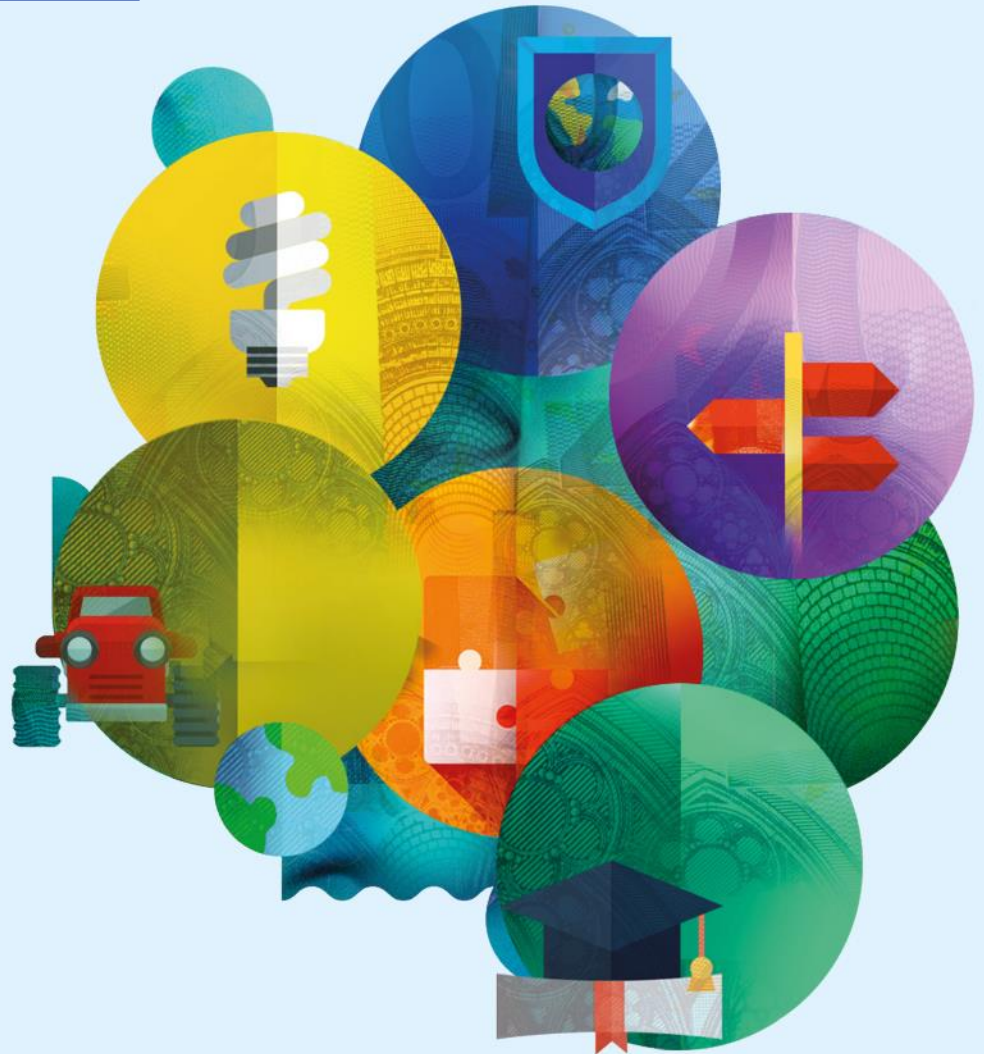
	Total	% Total	% Average MS
Academic	536	68,11 %	72,55 %
Non-Academic	251	31,89 %	27,45 %
• Private for Profit	209	26,56 %	23,80 %
• SMEs	58	7,37 %	10,26 %

# Explore the world with MSCA



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

# The Marie Skłodowska- Curie Actions in 2021-2027 (Horizon Europe)



# HORIZON EUROPE, objectives and structure

Support the creation and diffusion 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**



**Pillar 1**  
Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Infrastructures



**Pillar 2**  
Global Challenges and Industrial Competitiveness

**Clusters**

- Health
- Inclusive and Creative Society
- Secure Society
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources

Joint Research Centre



**Pillar 3**  
Open Innovation

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

**Strengthening the European Research Area**

Widening Participation and Sharing excellence

Reforming and Enhancing the European R&I system

*(draft scheme, to be updated after adoption legal base)*

**Excellent Science:** reinforcing and extending the excellence of the Union's science base

# MSCA in Horizon Europe

[http://europa.eu/rapid/press-release\\_IP-18-4041\\_en.htm](http://europa.eu/rapid/press-release_IP-18-4041_en.htm)

- 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, systems
- 5 areas of intervention:
  - *mobility of researchers*
  - *training of researchers*
  - *strengthening human capital across the ERA*
  - *facilitating synergies*
  - *promoting public outreach*



# MSCA 2021-2027: *under construction*



1. MSC Doctorates
2. MSC Postdocs
3. MSC Exchanges
4. MSC Synergies
5. MSC Festivals

- *doctoral candidates*
- *postdoctoral researchers*
- *any type of research(-support) staff*
- *co-funding training programmes*
- *public outreach events*

## 2. MSC Postdocs?

- A single Action
- Emphasis on new and early career researchers (*Regulation recital 9*)
  - Scientific age limit (# years of experience in research after obtaining PhD degree)
- Structuring effects on postdocs' careers
  - Supervision & career development
  - Collaboration beyond academia
  - Avoid 'permadoocs'
- Equal opportunities
  - Take into account any career break from research
  - Flexibility towards changes in personal situation
- Manage the increasing demand

*Novelties shown are possible solutions to respond to weaknesses in the current MSCA programme and are subject of discussion*



***"You cannot hope to build a better world  
without improving the individuals"***

*Marie Skłodowska-Curie*

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