Marie Skłodowska-Curie Actions

Moving research talent forward

Information session on MSCA Individual Fellowships
Brussels, 7 May 2019

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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

- €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)
Through competition for excellence

MSCA key features
Research training and career development

International mobility
Inter-sectoral mobility (Academia to business)
Good working conditions
From doctoral candidates to experienced researchers
Bottom-up approach
Through competition for excellence
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**

[European Commission logo]
## Open and future calls

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

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

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

#SealofExcellence
@EU_H2020  #H2020

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

Disciplinary distribution

Gender balance
42%-58% female-male (average EU: 42%-58%)
Collaborative links with Belgium

<table>
<thead>
<tr>
<th>Country</th>
<th>Number of Collaborations</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE - Germany</td>
<td>959</td>
</tr>
<tr>
<td>UK - United Kingdom</td>
<td>891</td>
</tr>
<tr>
<td>NL - Netherlands</td>
<td>735</td>
</tr>
<tr>
<td>FR - France</td>
<td>637</td>
</tr>
<tr>
<td>ES - Spain</td>
<td>533</td>
</tr>
</tbody>
</table>

*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*p.*

Participating BE organisations by type of organisation

<table>
<thead>
<tr>
<th>Type of organisation</th>
<th>Total</th>
<th>% Total</th>
<th>% Average MS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>536</td>
<td>68,11 %</td>
<td>72,55 %</td>
</tr>
<tr>
<td>Non-Academic</td>
<td>251</td>
<td>31,89 %</td>
<td>27,45 %</td>
</tr>
<tr>
<td>• Private for Profit</td>
<td>209</td>
<td>26,56 %</td>
<td>23,80 %</td>
</tr>
<tr>
<td>• SMEs</td>
<td>58</td>
<td>7,37 %</td>
<td>10,26 %</td>
</tr>
</tbody>
</table>
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

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

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

(draft scheme, to be updated after adoption legal base)
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, 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 ➔ doctoral candidates
2. MSC Postdocs ➔ postdoctoral researchers
3. MSC Exchanges ➔ any type of research(-support) staff
4. MSC Synergies ➔ co-funding training programmes
5. MSC Festivals ➔ 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 ‘permadocs’
- Equal opportunities
  - Take into account any career break from research
  - Flexibility towards changes in personal situation
- Manage the increasing demand
"You cannot hope to build a better world without improving the individuals"

Marie Skłodowska-Curie

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