Marie Skłodowska-Curie Actions

MSCA Individual Fellowships info session
4.5.2020

Eleni KONSTA
Policy Officer, European Commission, DG EAC, MSCA Unit
MSCA: Key features

• **Mobility** of researchers from **all over the world**

• Focus on **training** and **career development** of researchers

• Participation of **non-academic sector** strongly encouraged, especially industry and SMEs

• For researchers at **every stage** of their career

• Coverage for all domains of research (**bottom-up approach**)

• promotion of **attractive working and employment conditions** (financing rate of up to 100% )
MSCA: the different actions

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

Network recruiting ~ PhD candidates

**IF:** individual, experienced researchers

Incoming & outgoing ~ post-docs

**RISE:** exchange of all types of research staff

With non-European entities and/or private sector

**COFUND:** co-funding e.g. national schemes

For doctoral or post-doctoral training

€6.2 billion 2014-2020

65000+ researchers

European Researchers’ Night

Science festival, outreach
MARIE SKŁODOWSKA-CURIE ACTIONS

120,000+ researchers & organisations worldwide have benefited from MSCA for more than 20 years

€6.2 BILLION TO SUPPORT

65,000+ RESEARCHERS, INCLUDING 25,000 PHDS

9 NOBEL LAUREATES

- 3 winners for Medicine (2013, 2014)
- 3 winners for Chemistry (2014, 2016)
- 2 winners for Physics (2015, 2017)
- 1 winner for Economic Sciences (2014)

1 OSCAR WINNER

An MSCA scientist and a team of software developers won a Technical Oscar for visual effects on Casino Royale in 2006.
If I hadn’t gotten [the MSCA IF funding] I would probably have dropped out.

Professor Stefan W. HELL
Nobel Prize Winner, Chemistry 2014
MSCA-IF Fellow 1996-97
Belgium and the MSCA (2014-2020)

H2020 Key facts and figures (2014-2020)

Number of BE researchers funded by MSCA: 406
EU budget awarded to BE organisations (EUR million): 226.74
Number of BE organisations in MSCA: 252

In detail, the number of the organisation participations and the budget awarded to them, as well as the number of researcher mobilities involving these organisations:

<table>
<thead>
<tr>
<th>Action</th>
<th>Number of Participations of BE organisations*</th>
<th>EU contribution (in EUR million) to BE organisations</th>
<th>Number Of Projects</th>
<th>BE researchers involved</th>
<th>Researchers going to BE organisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>COFUND</td>
<td>21 (18)</td>
<td>18.0</td>
<td>16</td>
<td>45</td>
<td>12</td>
</tr>
<tr>
<td>IF</td>
<td>305 (-)</td>
<td>52.84</td>
<td>304</td>
<td>152</td>
<td>298</td>
</tr>
<tr>
<td>ITN</td>
<td>546 (169)</td>
<td>150.25</td>
<td>320</td>
<td>103</td>
<td>524</td>
</tr>
<tr>
<td>NIGHT</td>
<td>N/A (-)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>RISE</td>
<td>62 (-)</td>
<td>5.65</td>
<td>53</td>
<td>106</td>
<td>194</td>
</tr>
<tr>
<td>Total:</td>
<td>934 (187)**</td>
<td>226.74</td>
<td>693</td>
<td>406</td>
<td>1028</td>
</tr>
</tbody>
</table>

* 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).

Source: CORDA web application
Belgium and the MSCA (2014-2020)

All MSCA Actions

Source: CORDA web application
Belgium and the MSCA (2014-2020)

Top BE participating organisations in terms of number of participations

<table>
<thead>
<tr>
<th>Name</th>
<th>Number of participations</th>
</tr>
</thead>
<tbody>
<tr>
<td>KATHOLIEKE UNIVERSITEIT LEUVEN</td>
<td>202</td>
</tr>
<tr>
<td>UNIVERSITEIT GENT</td>
<td>89</td>
</tr>
<tr>
<td>UNIVERSITEIT ANTWERPEN</td>
<td>59</td>
</tr>
<tr>
<td>UNIVERSITE CATHOLIQUE DE LOUVAIN</td>
<td>47</td>
</tr>
<tr>
<td>UNIVERSITE Libre de Bruxelles</td>
<td>37</td>
</tr>
</tbody>
</table>

Country                          | Number of Collaborations |
---------------------------------|--------------------------|
UK - United Kingdom              | 4,371                    |
DE - Germany                     | 2,793                    |
FR - France                      | 2,345                    |
ES - Spain                       | 2,282                    |
IT - Italy                       | 2,029                    |

* 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.
Individual Fellowships in a nutshell
What are Individual Fellowships?

What are IFs?

- Individual trans-national fellowships to the best and most promising *experienced* researchers
  (* with PhD or 4-year full-time equivalent research experience)

<table>
<thead>
<tr>
<th>European Fellowships</th>
<th>Specific eligibility criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard (ST)</td>
<td></td>
</tr>
<tr>
<td>Career Restart Panel (CAR)</td>
<td></td>
</tr>
<tr>
<td>Re-integration Panel (RI)</td>
<td></td>
</tr>
<tr>
<td>Society &amp; Enterprise Panel (SE)</td>
<td></td>
</tr>
</tbody>
</table>

Global Fellowships
What are Individual Fellowships?

European Fellowships
- For fellows coming to or moving within Europe
- Duration: 12-24 months for other EF;
  12-36 months for CAR

Global Fellowships
- Two phase:
  For fellows from Europe going to third countries (12-24 months) & returning to Europe (12 months)
- Total duration: 24-36 months
New Features of the Marie Skłodowska-Curie Actions in Horizon Europe (2021-2027)
Horizon Europe

The ambitious EU research and innovation framework programme (2021-2027)

- to strengthen the EU's scientific and technological bases and the European Research Area (ERA)
- to boost Europe's innovation capacity, competitiveness and jobs
- to deliver on citizens' priorities and sustain our socio-economic model and values

The Commission proposes a budget of €100 billion for Horizon Europe.
Horizon Europe: Preliminary structure

Excellent Science (Pillar 1): reinforcing and extending the excellence of the Union’s science base
Evolution in the MSCA’s implementation

- Overall: continuation
- Bottom-up, competition-based research programme
- Streamlined actions, clearer identity, less sub-actions
- Simpler rules, fine-tuned definitions, harmonised conditions
- Continuation of simplified form of grants
- Demand management to maintain high-quality and attractiveness
- More guidance on supervision and exposure beyond academia
- Improved internal coherence & reinforced external synergies

The information in this presentation is still subject to change
MSCA 2021-2027: under construction

1. MSCA Doctorates → networks training doctoral candidates
2. MSCA Postdoctoral Fellowships → postdoctoral researchers
3. MSCA Staff Exchanges → any type of research(-related) staff
4. MSCA COFUND → co-funding training programmes
5. MSCA and Citizens → public outreach events
MSCA Postdoctoral fellowships

• Continue supporting post-doctoral research and careers
• Clarify and simplify, a single action
• Deliver highly-skilled talents to academia and beyond
  ➢ Intensify exposure/secondments to (training in) entities beyond academia
  ➢ Improved guidance towards career development (plan & supervision)

• Manage the increasing demand to maintain high-quality selection
  ➢ Limit research experience.
    o Focus on the scientifically younger generation
  ➢ Require PhD degree
  ➢ Restrict resubmissions below quality threshold

The information in this presentation is still subject to change
Useful Links

**Funding and Tenders Portal**
*For the Work Programme, Guide for Applicants, proposal templates, Evaluation Criteria, FAQs, Proposal Submission, etc.*
[https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home)

**MSCA Website**
*Guide to different MSCA, Testimonials, Contact details*
[https://ec.europa.eu/research/mariecurieactions/](https://ec.europa.eu/research/mariecurieactions/)

**MSCA National Contact Points**
*For national-level advice, guidance and assistance on applications*
[https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp)

**Research Enquiry Service**
*For all Horizon 2020-related questions*

**EURAXESS – Researchers in Motion**
[https://euraxess.ec.europa.eu/](https://euraxess.ec.europa.eu/)

[www.net4mobilityplus.eu/](www.net4mobilityplus.eu/)
Thank you for your attention!

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