Marie Skłodowska-Curie Actions in H2020

Firenze, Italy, 9 June 2017

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Project Adviser – IF Call Coordination Team
Research Executive Agency
Horizon 2020

HORIZON 2020
Budget €70 billion
Duration 2014-2020
A simpler programme
Challenge based
Coupling R&I

Providing training & career development opportunities

Research Executive Agency
MSCA in H2020:

Excellence
Research
Training
Skills
Mobility
Marie Skłodowska-Curie Actions

The European Union's main programme for researcher training and career development through mobility.

MSCA Budget in EUR million

<table>
<thead>
<tr>
<th></th>
<th>FP4-FP6</th>
<th>FP7</th>
<th>Horizon 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>1994-2006</td>
<td>3,230</td>
<td>4,750</td>
<td>6,162</td>
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<td>2007-2013</td>
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<td>2014-2020</td>
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Researchers funded through MSCA

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<thead>
<tr>
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<th>FP4-FP6</th>
<th>FP7</th>
<th>Horizon 2020</th>
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<tbody>
<tr>
<td>1994-2006</td>
<td>30,000</td>
<td>50,000</td>
<td>65,000</td>
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<td>2007-2013</td>
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<td>2014-2020</td>
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2016: EUR 765 million
2017: EUR 843 million

2016: 9,800 researchers
2017: 10,200 researchers

€ 6.16 billion in 2014-2020
The EU is celebrating one hundred thousand fellows supported by the Marie Skłodowska-Curie Actions since its launch 20 years ago.
MSCA Objectives

• Attract and retain research talent in Europe
• Develop state-of-the-art, innovative training schemes, consistent with the requirements of R&I
• Promote sustainable career development in R&I
• Focus on delivering new knowledge and skills
• Back up strong partnership with MS via co-funding mechanism
• **Mobility** of researchers from **all over the world**
• For researchers at **every stage** of their career
• Focus on **training** and **career development**
• Funding **excellent research in any field**, from fundamental research up to market take-up and innovation services
• Promotion of **attractive working and employment conditions**
• Bottom-up approach
• Participation of **non-academic sector** strongly encouraged, especially industry and SMEs
Key Features

- European Charter for Researchers & Code of Conduct for the Recruitment of Researchers
- European Code of Conduct for Research Integrity
- Ethical aspects
- Gender balance
- Public outreach activities
Who can participate?

Academia

Public or private High Education Institutions awarding academic degrees

Public or private non-profit research organisations

International European interest organisations

Business and non-academia

Broad definition:

Any socio-economic actor not included in the academic sector definition

- Universities
- Non-profit research institutes
- IEIOs
- Industry
- SMEs
- Other socio-economic actors
As an organisation…

**MSCA can help you to:**

- recruit or host highly skilled researchers of all nationalities and at all career levels to work on a short-term/mid-term research project
- cooperate and transfer knowledge and technology into your organisation
- gain visibility and extend your international network
- develop or influence a European doctoral (including industrial doctorate) or fellowships programme
Marie Skłodowska-Curie actions in a nutshell

www.youtube.com/watch?v=S-fDoxerKeA
Marie Skłodowska-Curie actions

**ITN**
Innovative Training Networks

**IF**
Individual Fellowships

**RISE**
Research and Innovation Staff Exchange

**COFUND**

**European Researchers' NIGHT**
1) Early-stage Researchers (ESR)

- Less than four years of research experience
- No doctoral degree

- ITN
- RISE
- COFUND

2) Experienced Researchers (ER)

- At least four years of research experience
  or
- A doctoral degree

- IF
- RISE
- COFUND
As an organisation...

- **recruit/host one or several ESR to lead a mid-term research project**
  - Within a network
    - In partnership with a doctoral programme
  - ITN COFUND

- **recruit/host an ER to lead a short/mid-term research project**
  - On your own
    - In partnership with a fellowship programme
  - IF COFUND

- **exchange knowledge/expertise with partners**
  - Via exchange of existing staff (ESR, ER, managerial, technical, administrative)
  - RISE
Which MSCA should you choose?
Among the first top 20 Italian beneficiaries for MSCA
MSCA Innovative Training Networks
ITN
Innovative Training Networks

- Raise excellence and structure research and doctoral training
- Trigger cooperation and exchange of best practice among participants
- Enhance researchers' employability and provide them with new career perspectives
- Only for early stage researchers
- Fellowships of 3-36 months
- Project duration up to 4 years
- Maximum 540 researcher-months
- Budget for 2017 call: €430 Million (EID: 28 M€, EJD 32 M€)
ITN

**ETN**
European Training Networks
Participants implement a joint research training programme

**EID**
European Industrial Doctorates
Doctoral training with the non-academic sector

**EJD**
European Joint Doctorates
Universities cooperate to deliver joint degrees

**Min. 3 beneficiaries from any sector from 3 different MS/AC**

**Min. 2 beneficiaries from 2 different MS/AC:**
1 academic + 1 non-academic sector

**Min. 3 beneficiaries from academic sector, awarding PhD from 3 different MS/AC**
Consortia in ITN: ETN

European Training Networks

Minimum 3 partners from 3 MS or AC

Duration of projects: up to 4 years

Full sectoral flexibility in choice of partners
Consortia in ITN: EID

Inter-sectoral partnerships for doctoral training

Minimum 2 partners from 2 MS or AC and from **differing** sectors

Minimum **50%** of research time in non-academic environment
European Joint Doctorates

Based on collaboration between academic organisations entitled to award doctoral degrees

Minimum 3 partners from 3 MS or AC

Opportunities for non-academic sector to contribute to training and research
MSCA Individual Fellowships
IF

Individual Fellowships

- Enhance the creative and innovative potential of experienced researchers
- Opportunities to acquire new knowledge, work on research projects in a European context or outside Europe,
- Resume a career or Return to Europe - Career Restart Panel and Reintegration Panel
- Society and Enterprise panel – in non-academic institution – working on R&I projects (since 2016)
- Only for experienced researchers
- Duration: 2 years (Global Fellowships: 3 years)
- Budget for 2017 call: €248.7 Million (GF: 33.7M€)
Outgoing phase – 2 years

Return phase – 1 year

EF
European Fellowships

in EU Member States or Associated Countries

GF
Global Fellowships

an outgoing phase to a third country and a return phase in MS/AC
MSCA - Research and Innovation Staff Exchange
RISE
Research and Innovation Staff Exchange

Objective

• Strengthen the interaction between academic and non-academic organisations, and between Europe and third countries,
• Research projects implemented through research and innovation staff exchanges
• International and inter-sector transfer of knowledge and sharing of ideas and of R&I culture
• Highly skilled research and innovation staff move for 1-12 months
• Staff Committed to return to complete knowledge transfer activities to sending organisation
RISE features

- **Staff members eligibility condition:** at least 6 months at the sending institution prior to first secondment
- **Secondments** from 1 to 12 months (NOT recruitment)
- **Secondment** can be **split** into several stays over granting period

- Project duration up to **4 years**
- Maximum **540 researcher-months**
- Budget for 2017 call: **€ 80 Million**
Examples: Intra-European Exchanges

RISE
Examples: Europe-Third Countries Exchanges

Secondments from a TC to a MS/AC are not always eligible for EU funding but all of them must be described in the proposal.
MSCA - Co-funding new or existing regional, national, and international programmes
• Co-funding new or existing regional, national, and international programmes
• **Mono-beneficiary**: organisation funding or managing doctoral or post-doctoral programmes
• **Leverage funding** and combat fragmentation (possible synergies with ESIF)
• Minimum living allowance fixed in the WP
• **EU contribution to co-fund** living allowances for researchers and management costs
• Budget for 2017 call: **€ 80 Million**
  (Doctoral Programmes: 30 M€)
**COFUND**

- **Duration of projects**: maximum 5 years
- **Duration of Fellowships**: minimum 3 months
- EU contribution to cover living allowances for researchers and management costs
- **co-funding** for unit costs
- Minimum living allowance fixed in the WP
The European Researchers' Night support action
The European Researchers' Night (NIGHT)

Where fun meets science!

- A European wide public and media event to bring researchers closer to the general public, to increase awareness of research and innovation activities and stimulate interest in research careers, especially amongst young people;
- NIGHT takes place each year typically on the last Friday of September;
- **Funding rate: 100% of eligible costs**
- Participants can be **any legal entity (academic or non-academic organisation) from EU MS or AC.**
Participate in all MSCAs:

...Equip researchers with skills that match your needs...

- Participate in the training of researchers you would like to hire:
  Contribute to a training module/workshop/summer schools:
  scientific or transferable skills (e.g. Management, Entrepreneurship, IPR, Ethics, Communication)

- Provide supervised on-the-job training via recruitments or secondments

- Provide a platform for transfer of knowledge and acquisition of new skills
What can be funded?

1) Costs of researchers and seconded staff
   - Living allowance or Top-up allowance
   - Mobility allowance
   - Family allowance

2) Organisational costs
   - Research, networking and training costs
   - Management and indirect costs
<table>
<thead>
<tr>
<th>MSCA</th>
<th>Financial overview</th>
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<tr>
<td><strong>RISE</strong></td>
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<tr>
<td>Research, networking, training costs</td>
<td>1800 €</td>
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<tr>
<td>Management and indirect costs</td>
<td>700 €</td>
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<tr>
<td>Top-up allowance</td>
<td>2000 €</td>
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<tr>
<td><strong>ITN</strong></td>
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<tr>
<td>Research, networking, training costs</td>
<td>1800 €</td>
</tr>
<tr>
<td>Management and indirect costs</td>
<td>1200 €</td>
</tr>
<tr>
<td>Living allowance*</td>
<td>3110 €</td>
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<tr>
<td>Mobility allowance</td>
<td>600 €</td>
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<tr>
<td>Family allowance</td>
<td>500 €</td>
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<tr>
<td><strong>IF</strong></td>
<td></td>
</tr>
<tr>
<td>Research, networking, training costs</td>
<td>800 €</td>
</tr>
<tr>
<td>Management and indirect costs</td>
<td>500 €</td>
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<tr>
<td>Living allowance*</td>
<td>4650 €</td>
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<tr>
<td>Mobility allowance</td>
<td>600 €</td>
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<tr>
<td>Family allowance</td>
<td>500 €</td>
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<tr>
<td><strong>COFUND</strong></td>
<td></td>
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<tr>
<td>Management costs</td>
<td>325 €</td>
</tr>
<tr>
<td>Living allowance Early-stage researchers</td>
<td>1855 €</td>
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<tr>
<td>Living allowance Experienced researchers</td>
<td>2625 €</td>
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</tbody>
</table>

- The living allowance base rate is multiplied by Country Correction Coefficient – for Italy 106.7%
## MSCA Calls 2017-2018

<table>
<thead>
<tr>
<th>Program</th>
<th>Start/End Date</th>
<th>Amount (EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN</td>
<td>October 2017 (tbc)</td>
<td>~440 million</td>
</tr>
<tr>
<td>IF</td>
<td>11/04/2017 – 14/09/2017* April 2018</td>
<td>248.7 million</td>
</tr>
<tr>
<td>RISE</td>
<td>December 2017</td>
<td>80 million</td>
</tr>
<tr>
<td>COFUND</td>
<td>05/04/2017 – 28/09/2017* April 2018</td>
<td>80 million</td>
</tr>
<tr>
<td>NIGHT</td>
<td>October 2017</td>
<td>12 million</td>
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</table>

* Open call
In 2017 the Commission awarded, for the first time, Seal of Excellence certificates to more than 2 300 researchers in recognition of their high-quality research proposals under the Marie-Skłodowska-Curie Actions.

Please find further information at the following link:
https://ec.europa.eu/research/soe/index.cfm
Who can help you?
NCP – National Contact Point

Your country ➞ MSCA
Marie Skłodowska-Curie Website
http://ec.europa.eu/mariecurieactions

Horizon 2020
http://ec.europa.eu/programmes/horizon2020

Participant Portal (applications)
http://ec.europa.eu/research/participants/portal

European Charter and Code for Researchers
http://ec.europa.eu/euraxess/index.cfm/rights/europeanCharter

How to find partners:
https://cordis.europa.eu/partners/web/guest
Thank you for your attention!

Nothing in life is to be feared just understood.
- Marie Curie