Marie Skłodowska-Curie Actions in Horizon 2020

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European Commission
DG Education and Culture

MSCA Info-day
Ljubljana, 7 February 2014
Excellence
Research
Training
Skills
Mobility
86% of the beneficiaries agreed that participation in Marie Curie projects has strengthened/will strengthen existing collaborations with partner organisations.

Almost two thirds of the universities from the Shanghai top 500 list participated in the host-driven MCA in 2011. Nine out of ten European companies, investing the largest sums in research and development, participated in the host-driven MCA in 2010 and 2011.

92% of the ITN fellows assessed the Marie Curie impact on their career prospects as “very good” or “good”. (and are still employed >5 years)
✓ 13,1 million EUR allocated to Slovenian institutes
✓ 63 participations in FP7 MCA projects
✓ 63 Slovenian researchers funded
✓ 59 researchers coming to Slovenia with MCA fellowships
Fellows going to Slovenia by their nationality
Slovenian fellows benefitting from a MC grant, grouped by the country of destination
Horizon 2020

HORIZON 2020

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

THREE KEY PILLARS

Excellent Science
Industrial Leadership
Societal Challenges

Supporting our excellent science base

Providing training & career development opportunities

€6162 million
MSCA Objective

Ensure the optimum development and dynamic use of Europe’s intellectual capital in order to generate new skills, knowledge and innovation

Budget 2014-2020: 6 162 million € (current prices)
€800 million granted to the H2020 Marie Skłodowska-Curie fellows in 2014 calls
Attract and retain research talent

Develop state-of-the-art, innovative training schemes, consistent with the highly competitive and increasingly inter-disciplinary requirements of research and innovation

Promote sustainable career development in research and innovation

Focus on delivering new knowledge and skills, in line with the key driver identified in the strategic programming approach

Contribute to a strong partnership with MS via the co-funding mechanism
Key features

- Open to **all domains of research and innovation** from basic research up to market take-up and innovation services (**bottom-up**)
- Participation of **non-academic sector strongly encouraged**, especially industry and SMEs
- **Mobility** as the key requirement - funding on condition participants move from one country to another
- Promotion of attractive **working and employment conditions**
- Particular attention to **gender** balance
- **Public engagement** of supported researchers
2014-2020

✓ ~ 65,000 researchers to be supported, including 25,000 PhD candidates
✓ ~ 200,000 scientific publications in high impact peer-reviewed journals
✓ ~ 1,500 patent applications
✓ ~ 100 spin-offs created
✓ ~ 350-400 new regional / national / international programmes to be created targeting international and intersectoral training, and career development of research and innovation staff
## MSCA in H2020

<table>
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<tr>
<th>Activities</th>
<th>Abbreviation</th>
<th>Description</th>
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<td>Innovative Training Networks</td>
<td><strong>ITN</strong></td>
<td>Doctoral and initial training</td>
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<td>Individual Fellowships</td>
<td><strong>IF</strong></td>
<td>Support for experienced researchers undertaking international and inter-sector mobility</td>
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<tr>
<td>Research and Innovation Staff Exchange</td>
<td><strong>RISE</strong></td>
<td>International and inter-sector cooperation through the exchange of staff</td>
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</table>
| Co-funding of programmes                            | **COFUND**   | Co-funding of regional, national and international programmes:  
- doctoral programmes  
- fellowship programmes |
| Support and policy actions                           | **NIGHT**    | European Researchers' Night (NIGHT) NCP support                             |
| Support and policy actions                           | **NCP**      | NCP support                                                                  |
MSCA: From FP7 to H2020

Innovative Training Networks
Support for doctoral and early-stage training
European Training Networks, European Industrial Doctorates, European Joint Doctorates

Individual Fellowships
Support for experienced researchers undertaking international and inter-sector mobility: European Fellowships and Global Fellowships
Dedicated support for career restart and reintegration

Research and Innovation Staff Exchange
International and inter-sector cooperation through the exchange of staff

Co-funding of regional, national and international programmes
- Doctoral programmes
- Fellowship programmes

ITN
Early-stage Researchers

IEF
IF
Experienced Researchers

IOF

IIF

CIG

IAPP

IRSES

COFUND

IEF

IOF

IIF

CIG

IAPP

IRSES

COFUND
Definitions

✓ **Academic sector**: public or private HEI awarding academic degrees, public or private non-profit research organisations, international European interest organisations

✓ **Non-academic sector**: any socio-economic actor not included in the academic sector definition

✓ **Beneficiaries** => signatories of the grant agreement

✓ **Partner organisations** => not signing the grant agreement

✓ Categories of researchers: **ESR** and **ER** – in line with FP7 approach

✓ **Full time research equivalent** and **mobility** rule – following FP7 approach

✓ **Staff members** in RISE: researchers, managers, administrative and technical personnel supporting research and innovation activities of the project
Objective

- raise excellence and structure research and doctoral training
- train a new generation of creative, entrepreneurial and innovative early-stage researchers

Scope

- **Triple 'i'** dimension of mobility
- Scientific **excellence** with **innovation-oriented approach**
- Particular focus on **entrepreneurial skills** and **employability of researchers**
- Collaboration and **exchange of best practice** among participating organisations
**Budget**: € 405.18 Million in 2014 (EID: 25.5 Mio, EJD: 30 Mio)  
€ 370 Million in 2015 (EID: 25 Mio, EJD 28 Mio)

- Duration of projects: maximum 4 years
- Minimum **eligibility condition**: 3 different EU MS/AC (2 for EID)
- Consortium agreement: required only for EID
- Support to **early-stage researchers only**
- Fellowships of 3-36 months
- Maximum **540 researcher-months** per consortium (180 for EID with 2 partners)
- Separate **multidisciplinary panels for EID and EJD**
**Objective**

- enhance the creative and innovative **potential of experienced researchers**
- provide opportunities to acquire new knowledge, work on research projects in a European context or outside Europe, resume a career or return to Europe

**Scope**

- Individual, trans-national fellowships awarded to the best or most promising researchers
- **European Fellowships** or **Global Fellowships**
- **Career Restart Panel** and **Reintegration Panel**

**Expected Impact**

- release the full potential of researchers and to catalyse significant development in their careers in both the academic and non-academic sectors
- strengthen the contact network of the researcher and the host organisation
**IF – Main features**

- **Budget**: € 240.50 Million in 2014 (Global Fellowships: 29 Mio)
  € 213 Million in 2015 (Global Fellowships: 27 Mio)

- Duration of projects: 2 years (IF Global: 3 years)

- Support to **experienced researchers** of **any nationality** (IF Global and IF Reintegration: nationals of EU MS/AC and long-term residents)

- Focus on **career development**, not necessarily experience

- Additional 3 or 6 month **secondment option**, within Europe and in another sector

- Separate multidisciplinary **panels for CAR and Reintegration**

- Same elements of award criteria for all proposals
IF – European and Global Fellowships

European Fellowships

Global Fellowships

Education and Culture
Objective

- promote **international and inter-sector collaboration** through research and innovation staff exchanges
- foster a shared culture of research and innovation

Scope

- International and inter-sector **transfer of knowledge** and sharing of ideas
- Common research and innovation project
- Highly skilled research and innovation staff
- **Within Europe**: only inter-sector secondments
- No secondments between institutions located outside Europe or within the same MS/AC

Expected Impact

- strengthen the interaction between organisations in the academic and non-academic sectors, and between Europe and third countries
RISE – Main features

✓ **Budget**: € 70 Million in 2014
   € 80 Million in 2015

✓ Duration of projects: maximum 4 years

✓ Minimum eligibility condition: **participants in 3 different countries**
   (at least 2 MS/AC)

✓ Partnership agreement recommended

✓ Support to **secondments of staff members** (1-12 months)

✓ No mobility rule required

✓ **Eligibility condition** for staff member: **6 month at the sending institution** prior to the first secondment

✓ Maximum **540 researcher-months** per consortium

✓ 8 evaluation panels
RISE – Exchanges

Academia

Non-academia

Education and Culture
Objective
✓ stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development

Scope
✓ international, intersectoral and interdisciplinary research training, as well as transnational and cross-sector mobility of researchers
✓ possibilities of synergies with structural funds
✓ opportunities for researchers from all countries
✓ researchers to comply with the mobility rules of the MSCA
✓ open and transparent selection and recruitment

Expected Impact
✓ exploit synergies between EU actions and those at regional, national, and international level
✓ leverage funding and combat fragmentation
✓ increase working / employment conditions of researchers
Mono-beneficiary

Legal entities established in MS or AC or international European interest organisations that fund or manage doctoral programmes or fellowship programmes for researchers.
COFUND – Main features

- **Budget**: € 80 Million in 2014 (Doctoral Programmes: 30 Mio)  
  € 80 Million in 2015 (Doctoral Programmes: 30 Mio)
- Maximum **€ 10 Million per single applicant** per call
- Duration of projects: maximum 5 years
- **Researchers** recruited for **minimum 3 months**
- EU unit cost contribution to **living allowances for researchers** and **management costs**
- Minimum living allowance fixed in the WP
**European Researchers' Night**

**Objective**
- bring researchers closer to the general public
- increase awareness of research and innovation activities

**Scope**
- yearly event, typically on the last Friday of the month of September
- focus on the general public, addressing and attracting people regardless of the level their scientific background
- special focus on pupils and students
- promotion of the European dimension and gender balance in research and innovation
- involvement of researchers funded by Horizon 2020

**Expected Impact**
- raise awareness of the importance of research careers
- in the long term, encourage young people to embark on scientific careers
NIGHT – Main features

- **Budget**: € 8 Million in 2014 (2 editions covered)
- Call under **Coordination and support action**
- Maximum 100% funding
- Duration: **maximum 2 years** (option for one edition only)
- Beneficiaries: any legal entity in the EU Member States and Associated Countries
- Consortium agreement not required
Contribution fully based on unit costs (person-month) –> MSCA calls

New approach to country coefficients

Country coefficients applicable to living allowances in ITN and IF

Two broad dimensions of unit costs: researcher and institutional

Dedicated unit cost for management and overheads
## EU contribution – amounts

### Categories of eligible costs

#### Marie Skłodowska-Curie action

<table>
<thead>
<tr>
<th>Costs of researchers/seconded staff member (1)</th>
<th>Institutional costs (2)</th>
</tr>
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<tr>
<td>Living allowance (a)</td>
<td>Research, training and networking costs (a)</td>
</tr>
<tr>
<td>Mobility allowance (b)</td>
<td>Management and indirect costs (b)</td>
</tr>
<tr>
<td>Family allowance (c)</td>
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<tr>
<td>Top-up allowance (d)</td>
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</tbody>
</table>

| ITN (100%)                                    | --                       |
| IF (100%)                                     | --                       |
| RISE (100%)                                   | --                       |
| COFUND (50%)                                  | --                       |

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<thead>
<tr>
<th></th>
<th>ESR: 3 710</th>
<th>ER: 5 250</th>
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|                      | 3 110      | 600       |
|                      | 500        | --        |
|                      | 1 800      | 1 200     |
|                      | 4 650      | 600       |
|                      | 500        | --        |
|                      | 800        | 650       |
|                      | --         | --        |
|                      | --         | --        |
|                      | 2 000      | 1 800     |
|                      | 1 800      | 700       |
|                      | ESR: 3 710 | ER: 5 250 |
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|                      | 3 710      | 600       |
|                      | 500        | --        |
|                      | 1 800      | 1 200     |
|                      | 5 250      | 600       |
|                      | 500        | --        |
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|                      | --         | --        |
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**Note:** The amounts listed are illustrative and should be confirmed with the official EU documents.
## EU contribution – eligibility

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<td>Living allowance (a)</td>
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<tr>
<td>ITN</td>
<td>Unit cost per person/month</td>
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<td>Ineligible</td>
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### Costs of researchers/seconded staff member (1)

- **Living allowance (a)**
- **Mobility allowance (b)**
- **Family allowance (c)**
- **Top-up allowance (d)**
- **Research, training and networking costs (a)**

### Institutional costs (2)

- **Management and indirect costs (b)**

### Ineligible

- **Unit cost per person/month**
- **Unit cost per person/month**

### Education and Culture
## MSCA Calls 2014-2015

<table>
<thead>
<tr>
<th>Program</th>
<th>Start Date</th>
<th>End Date</th>
<th>Funding 2014</th>
<th>Funding 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ITN</strong></td>
<td>11/12/2013 – 09/04/2014</td>
<td>02/09/2014 – 13/01/2015</td>
<td>EUR 405.18 million</td>
<td>EUR 370 million</td>
</tr>
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<td><strong>IF</strong></td>
<td>12/03/2014 – 11/09/2014</td>
<td>12/03/2015 – 10/09/2015</td>
<td>EUR 240.50 million</td>
<td>EUR 213.00 million</td>
</tr>
<tr>
<td><strong>RISE</strong></td>
<td>11/12/2013 – 24/04/2014</td>
<td>06/01/2015 – 28/04/2015</td>
<td>EUR 70.00 million</td>
<td>EUR 80.00 million</td>
</tr>
<tr>
<td><strong>COFUND</strong></td>
<td>10/04/2014 – 02/10/2014</td>
<td>14/04/2015 – 01/10/2015</td>
<td>EUR 80.00 million</td>
<td>EUR 80.00 million</td>
</tr>
<tr>
<td><strong>NIGHT</strong></td>
<td>11/12/2013 – 04/03/2014</td>
<td></td>
<td>EUR 8.00 million</td>
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</tr>
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</table>
Marie Skłodowska-Curie Actions Website
http://ec.europa.eu/mariecurieactions

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

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

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