Marie Skłodowska-Curie Actions in H2020

Info day at
The Israel-Europe R&D Directorate
30 March 2015
Excellence
Research
Training
Career Development
Skills
Mobility
MSCA main objective for H2020:

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

Total budget (2014-2020): € 6 billion (current prices)
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
MSCA key features

- Open to **all domains of R&I** from **basic to market**
- Entirely bottom-up
- Participation of **non-academic sector** strongly encouraged
- **Mobility** key requirement - funding condition: participants move
- Promotion of **attractive working and employment conditions**
- Particular attention to **gender** balance
- **Public engagement** of supported researchers
Who? All levels of research experience

What? All areas of research - bottom-up approach

Where? Anywhere: any research performing organisation, public or private worldwide - there are actions for European and international mobility

**EU contribution based on unit costs** calculated on the basis of the number of researcher-months:

- Allowances for researcher (living, mobility and family)
- Unit costs for research, training and networking
- Unit costs for management and overheads
MSCA

IF
Individual Fellowships

ITN
Innovative Training Networks

RISE
Research and Innovation Staff Exchange

COFUND
MSCA in H2020

A closer look at

- Individual fellowships
- Innovative Training Networks
  and (after coffee)
- Research and Innovation Staff Exchange
Individual Fellowship
IF - Individual Fellowship:
Post-doctoral fellowships for outstanding researchers

Mono-beneficiary project

Only for experienced researchers

- In possession of a doctoral degree, or have 4 years of full-time research experience at the time of the call deadline
- Two types depending on the mobility of the researcher
  - Within Europe - European Fellowships
  - Outside Europe - Global Fellowships
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 - Career Restart Panel and Reintegration Panel
IF – Individual Fellowship

- **Duration** of projects: 2 years (IF Global: 3 years)
- Support to experienced researchers of any nationality
- International mobility within or into Member States (MS) and Associated Countries (AC)
- Experienced researchers only
- Focus on **career development**, not necessarily experience
- Additional 3 or 6 month **secondment option**, within Europe & in another sector
IF – Individual Fellowship

European Fellowships
Standard Scientific Panel
Career Restart Panel
Reintegration Panel

Global Fellowships
IF – Individual Fellowship

For fellows from Europe going to Third Countries (12-24 months) and returning (12 months)

NB: Any Experienced Researcher may submit only one proposal to this call for proposals.

For fellows coming to or moving within Europe (12-24 months)
European Fellowships

- **Duration** of projects: 1-2 years

- International mobility **within or into** Europe (Member States (MS) and Associated Countries (AC))

- Experienced researchers of **any nationality**

- Applicants must not have resided or carried out their main activity in the country of the host organisation for more than 12 months in the 3 years immediately prior to the call.
European Fellowships, Reintegration (RE) & Career restart Panels (CAR)

- **RE**: International mobility into Europe (Member States (MS) and Associated Countries (AC))
- **RE**: Experienced researchers with MS/AC nationality or long-term residents
- **CAR & RE**: Relaxed mobility rule: Applicant must not have resided or carried out their main activity in the country of the host organisation for more than 3 years in the 5 years immediately prior to the call.
- **CAR**: Applicant must **not** have been active in research for more than **12 months** prior to call deadline.
Global Fellowships

• **Duration** of projects: 2-3 years

• International mobility from Europe (Member States (MS) and Associated Countries (AC)) to a "non-European" country (third country, for 1-2 y) and mandatory return to Europe (for 1 y)

• Experienced researchers with MS/AC nationality or long-term residents

• Mobility rule: Must not have resided or carried out their main activity in the **country of the 3rd country organisation** for more than 12 months in the 3 years immediately prior to the call deadline
## INDIVIDUAL FELLOWSHIPS

<table>
<thead>
<tr>
<th></th>
<th>EXPERIENCED RESEARCHERS</th>
<th>PARTICIPANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nationality</td>
<td>ANY</td>
<td>MS or AC</td>
</tr>
<tr>
<td>Mobility</td>
<td>From ANY country to MS or AC</td>
<td>From ANY country to MS or AC</td>
</tr>
<tr>
<td>Career break in research</td>
<td>-</td>
<td>≥ 12 months prior to call deadline</td>
</tr>
</tbody>
</table>

### EXPERIENCED RESEARCHERS

- Mobility:
  - From ANY country to MS or AC
  - From OTC to MS or AC

### PARTICIPANTS

- Beneficiary: MS or AC
- Partner Organisation: MS or AC (secondments)

## EUROSPEAN

### DURATION months
- 12 - 24
- 12 - 24
- 12 - 24

### SCIENTIFIC PANELS
- 8

### RANKING LIST
- 8

### BUDGET: €215 million

## GLOBAL

### DURATION months
- 12 to 24 + 12
- 12 to 24 + 12
- 12 to 24 + 12

### SCIENTIFIC PANELS
- 8

### RANKING LIST
- 1

### BUDGET: €188 million
<table>
<thead>
<tr>
<th>Living allowance*</th>
<th>Mobility allowance</th>
<th>Family allowance</th>
<th>Research, training &amp; networking costs</th>
<th>Management &amp; overheads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Fellowships</td>
<td>4 650</td>
<td>600</td>
<td>500</td>
<td>800</td>
</tr>
</tbody>
</table>
IF Call open

Closes: 10 September 2015 @ 17:00:00 CET
Innovative Training Networks
ITN
Innovative Training Networks (ITN)

- Main EU programme for structured **doctoral training**
- Dedicated to **early-stage researchers** (no experienced researcher recruitment)
- Involving **wide partnership of institutions** from academic and non-academic sectors
- 3 modes:
  - ETN (European Training Networks)
  - EID (European Industrial Doctorates)
  - EJD (European Joint Doctorates)
- Combining scientific excellence with innovation-oriented approach
- Developing entrepreneurship and skills matching research labour market needs
- Enhancing employability of researchers
- Strong involvement of **commercial entities in training**
• Consortium applies for funding
  • consortium then recruits the researchers
• Employment contracts with full social security
• All projects publish their vacancies on EURAXESS
  • automatically in NatureJobs
• Duration of projects: 4 years
• Consortium agreement: required only for EID, for others recommended
• Support to early-stage researchers only
• Fellowships of 3-36 months (normally 36 months)
• Maximum 540 researcher-months per consortium (180 for EID with 2 partners)
ETN - European Training Networks
• at least 3 beneficiaries from 3 different EU MS or AC. Above this minimum any country can participate

EID - European Industrial Doctorates
• at least 2 beneficiaries established in 2 different MS or AC.
• At least one beneficiary must be entitled to award doctoral degrees and at least one beneficiary must come from the non-academic sector, primarily enterprise.
• Each researcher - enrolled in a doctoral programme and spend at least 50% in the non-academic sector.
• The joint supervision of fellows by supervisors from each sector is mandatory.

EJD - European Joint Doctorates
• at least 3 beneficiaries from different EU MS or AC which are entitled to award doctoral degrees.
• creation of joint doctoral programmes, leading to the delivery of joint, double or multiple doctoral degrees.
EJD

• A **joint degree** refers to a single diploma issued by at least two higher education institutions offering an integrated programme and recognised officially in the countries where the degree-awarding institutions are located.

• A **double or multiple degree** refers to two or more separate national diplomas issued by two or more higher education institutions and recognised officially in the countries where the degree-awarding institutions are located.
Beneficiaries

*Sign the Grant Agreement and claim costs*

*Are responsible for the execution of the programme*

Partner Organisations

*Do not sign the Grant Agreement and do not claim costs*

*Must include a letter of commitment in the proposal*
<table>
<thead>
<tr>
<th></th>
<th><strong>Researcher unit cost</strong></th>
<th></th>
<th><strong>Institutional unit cost</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[person/month]</td>
<td></td>
<td>[person/month]</td>
</tr>
<tr>
<td><strong>Living allowance</strong></td>
<td><strong>3 110</strong></td>
<td><strong>600</strong></td>
<td><strong>500</strong></td>
</tr>
<tr>
<td><strong>Mobility allowance</strong></td>
<td><strong>1 800</strong></td>
<td><strong>1 200</strong></td>
<td><strong>1 200</strong></td>
</tr>
<tr>
<td><strong>Family allowance</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Research, training &amp; networking costs</strong></td>
<td><strong>500</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Management &amp; overheads</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Sorry, 2015 Call Closed

But European Commission has no intention to stop this action and planning is based on yearly (early!) calls for the remainder of H2020.
Questions? ...currently holding up coffee break
Research and Innovation
Staff Exchange
RISE
• New type of exchange of staff action to stimulate transfer of knowledge

• Academic and non academic participants (business-academia)

• Flexible inter-sector (within Europe) and international (with 3rd countries) exchange of highly skilled research and innovation staff members

• No recruitment foreseen

• Based on a common project on research and innovation

• Bottom up approach, 8 evaluation panels
The RISE scheme supports 2 possible dimensions

projects promoting staff exchanges between:

- MS/AC and TC (international)

- Intra european (MS/AC) inter-sectoral (academic and non-academic sectors)
- All Countries can participate in RISE, but not all are eligible for funding

- All institutions fulfilling the requirements of the Horizon 2020 Rules for Participation can participate in RISE
Project Main Aspects

- Project built on joint research and innovation activities
- Project implemented through the secondment of staff (no recruitments)
- Each staff member seconded for a period of 1 to 12 months
- The maximum size for a project is 540 person months
- No minimum size explicitly defined for the project, but substantial impact is expected
- Maximum project duration is 4 years
Participants in RISE

- Beneficiaries
  - Sign the Grant Agreement and claim costs
  - Are responsible for the execution of the programme
  - Are established in a Member State/Associated Country

- Partner Organisations
  - Do not sign the Grant Agreement and do not claim costs
  - Must include a letter of commitment in the proposal
  - Are established in a Third Country (i.e. neither MS nor AC)
The sector of an organisation is defined automatically

- Academic Sector
  • Higher education establishments (public or private)
  • Non-profit research organisations (public or private)
  • International European interest organisations

- Non-Academic Sector
  • Any socio-economic actor not included in the academic sector and fulfilling the requirements of the *Horizon 2020 Rules for Participation* (typical examples: multinationals, NGOs, museums, etc.)
- Actively engaged in or linked to research/innovation activities for at least 6 months prior to first secondment

- Types of staff members:
  - ESR (no PhD and < 4 years experience)
  - ER (PhD or > 4 years experience)
  - Managerial staff
  - Administrative or Technical staff

- In-built return mechanism
Minimum Eligibility Conditions

- At least **3 independent participants** in 3 different countries. (At least 2 participants from 2 different MS/AC)

- **If all in MS/AC:** at least 1 academic and 1 non-academic

*In practice, 2 possible minimum settings:*

- MS/AC 1 + MS/AC 2 + TC

  or

- MS/AC 1 + MS/AC 2 + MS/AC 3
• EU Member States

• Overseas Countries and Territories linked to the MS
  (As defined on page 3 of General Annex A to the Horizon 2020 Work Programme 2014-2015)

• Horizon 2020 Associated Countries
  (In principle, the same as FP7, but subject to the adoption of the association agreements)

• The Third Countries listed
Countries not listed previously are not eligible for EU funding

In practice, those countries are mainly: Australia, Brazil, Canada, China, India, Japan, Mexico, New Zealand, Republic of Korea, Russia, United States.

In very exceptional cases, partners from those countries might be funded. But the following conditions have to be fulfilled:

a) This partner has competences/expertise that no organisation in MS/AC has
b) The relevant transfer of knowledge can only be done via a secondment in the direction TC → MS/AC
c) Points a) and b) must be endorsed by the expert evaluators
d) The experts' endorsement (point c) must be confirmed by the REA
## EU Contribution

**Unit costs per researcher per month of secondment**

For secondments eligible for funding

<table>
<thead>
<tr>
<th>Marie Skłodowska-Curie Action</th>
<th>Staff member unit cost * person/month</th>
<th>Institutional unit cost * person/month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research and Innovation Staff Exchange</td>
<td>2 000</td>
<td>1 800</td>
</tr>
</tbody>
</table>

*These unit costs are subject to a funding rate of 100% and no country coefficients apply.*
The **Staff member unit cost** is intended to support the **travel, accommodation and subsistence costs** linked to the respective secondments. Participants are expected to **continue paying the salary** of the seconded staff during the period of exchange.

*Ensure that the EU contribution is **fully used for** the benefit of the **seconded staff members**.*
EU contribution

It can be:

- **paid directly** to the seconded staff member or
- **managed centrally** by the beneficiary according to the specific needs of the secondment.

**Detailed arrangements** for the use of the contribution may also be agreed internally between beneficiaries and partner organisations, to **address the specific financial needs of each secondment**.
The **Research, training and networking costs** cover the costs of research and innovation related activities of the project such as purchasing of consumables, laboratory costs, participation to conferences, workshops, coordination and review meetings, and networking activities.
Management and indirect costs cover all general costs connected with the organisation and implementation of the secondments (administrative and financial management, logistics, ethics, human resources, legal advice, documentation, etc.).
Statistics from RISE 2014
<table>
<thead>
<tr>
<th></th>
<th>Average</th>
<th>MAX</th>
<th>MIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC Contribution</td>
<td>783.933</td>
<td>2.430.000</td>
<td>144.000</td>
</tr>
<tr>
<td>Secondments Months</td>
<td>174</td>
<td>540</td>
<td>32</td>
</tr>
<tr>
<td>Duration Months</td>
<td>2.3</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>Participants</td>
<td>7</td>
<td>24</td>
<td>3</td>
</tr>
</tbody>
</table>
## Success Rate in RISE 2014

<table>
<thead>
<tr>
<th>Evaluated proposals</th>
<th>Retain List Threshold</th>
<th>Reserve List Threshold</th>
<th>Success Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>82.6</td>
<td>76.2</td>
<td>50%</td>
</tr>
<tr>
<td>Economic Sciences</td>
<td>70.6</td>
<td>70</td>
<td>33.3%</td>
</tr>
<tr>
<td>Information Science and Engineering</td>
<td>78.6</td>
<td>75.6</td>
<td>40.7%</td>
</tr>
<tr>
<td>Environment and Geosciences</td>
<td>78.4</td>
<td>75.8</td>
<td>45.8%</td>
</tr>
<tr>
<td>Life Sciences</td>
<td>78.2</td>
<td>76.4</td>
<td>45.5%</td>
</tr>
<tr>
<td>Mathematics</td>
<td>76.4</td>
<td>n/a</td>
<td>25%</td>
</tr>
<tr>
<td>Physics</td>
<td>81.4</td>
<td>79</td>
<td>32%</td>
</tr>
<tr>
<td>Social Sciences and Humanities</td>
<td>77.2</td>
<td>75.2</td>
<td>47.6%</td>
</tr>
<tr>
<td>Average</td>
<td></td>
<td></td>
<td>42%</td>
</tr>
</tbody>
</table>
RISE 2014 statistics

Secondments - Academia/Non Academia

- Acad Host:
  - 441

- Non Acad Host:
  - 725

- Acad Send:
  - 392

- Non Acad Send:
  - 112
Examples of projects from RISE 2014
*bone implants*: a new contrast agent sensitive to enzymatic activity of metal-proteases, which will permit for the first time to follow the integration and cell differentiation activity in bone tissue bioreactors in vitro and in grafts in vivo using existing non-invasive magnetic resonance imaging techniques.

Total EC Contribution = 472,500 EUR / 48 months
Total eligible researcher months = 105
searching signals of new physics both with neutrinos, at T2K experiment, and at the intensity frontier, with the Belle-II experiment at the SUPERKEKB machine, to play a primary role in the search for deviations from the actually known fundamental physics in the flavour sector and, last but not least, will produce an unprecedented collaboration with Japanese scientists on the ground of dissemination and outreach.

Total EC Contribution = 2,308,500 EUR / 48 months
Total eligible researcher months = 513
to maximise the benefits associated with diving while minimising its negative impacts, thus achieving the environmental, economic and social sustainability of the system. This will be done by: 1) Carefully assessing and modelling the system itself; 2) Developing innovative products based on the issues and needs highlighted by assessment and modelling; 3) Promoting the uptake of such products by the system designing tailored business models and marketing plans. Direct engagement with selected stakeholders (divers, professionals, diving operators, certification agencies - CAs, MPAs, NGOs) will ensure relevant feedback throughout the project’s lifetime, as well as effective uptake of results at the end of the project.
Traffic Safety Culture aims at developing a cultural approach in road traffic safety research and accident prevention. It will conduct a number of case studies of different traffic safety cultures across Europe. It focuses on the safety cultures that emerge under different institutional, demographic and topographical conditions and their influence on the numbers and forms of accidents. It also looks at those cultural elements that can be changed easily in order to improve road safety of the investigated traffic systems.

Total EC Contribution = 499,500 EUR / 36 months
Total eligible researcher months = 111
Evaluation Process & Award Criteria
8 Panels:

- Chemistry (CHE)
- Social Sciences and Humanities (SOC)
- Economic Sciences (ECO)
- Information Science and Engineering (ENG)
- Environment and Geosciences (ENV)
- Life Sciences (LIF)
- Mathematics (MAT)
- Physics (PHY)
Selection Criteria

- **Operational capacity**

- **Proposals must include a description of:**
  
  - **The profile of the people who will be primarily responsible for carrying out the proposed work**
  
  - **Any significant infrastructure or major items of technical equipment, relevant to the proposed work**
  
  - **Any partner organisations (not beneficiaries) contributing towards the proposed work**
### Award Criteria

#### 3. RISE - Marie Skłodowska-Curie Action: Research and Innovation Staff Exchange

<table>
<thead>
<tr>
<th>Excellence</th>
<th>Impact</th>
<th>Implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality, innovative aspects and credibility of the research</td>
<td>Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives</td>
<td>Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources</td>
</tr>
<tr>
<td>Clarity and quality of knowledge sharing among the participants in light of the research and innovation objectives.</td>
<td>To develop new and lasting research collaborations, to achieve transfer of knowledge between research institutions and to improve research and innovation potential at the European and global levels</td>
<td>Appropriateness of the management structures and procedures, including quality management and risk management</td>
</tr>
<tr>
<td>Quality of the interaction between the participating organisations</td>
<td>Effectiveness of the proposed measures for communication and results dissemination</td>
<td>Appropriateness of the institutional environment (infrastructure)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>50%</th>
<th>30%</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Weighting**

**Priority in case of ex aequo**
How to submit a RISE proposal
- Opened 06 January 2015
- Deadline: **28 April 2015**

Results of the evaluation: 5 months after the call deadline

Signing of grant agreements: 8 months after the call deadline
Horizon 2020 Funding
Starting from 1/1/2014

On this site you can find and secure funding for projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme

### Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

### Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission
Horizon 2020 Calls for Proposals

Excellent Science
- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie actions
- Research infrastructures

Industrial Leadership
- Leadership in enabling and industrial technologies(LEIT)
- Access to risk finance
- Innovation in SMEs

Sort by:
- Title
- Call Id
- Planned Opening Date
- Deadline Date

Filter a call

Filters only programme and call titles and IDs, for extended search go to the Search Topics page.

Excellent Science
Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE)
H2020-MSCA-RISE-2015
Deadlines: 28/04/2015
Opening Date: 06/01/2015

In addition to the search facilities, the full list of H2020 Calls can be found here.
RESEARCH & INNOVATION

Participant Portal

MARIE SKŁODOWSKA-CURIE RESEARCH AND INNOVATION STAFF EXCHANGE (RISE)
H2020-MSCA-RISE-2015

Opening Date: 06-01-2015
Deadline Date: 28-04-2015 17:00:00 (Brussels local time)

Budget: €80,00,000
Main Pillar: Excellent Science

Status: Open

Call description

Call documents

Get support

Call updates

- 06-01-2015 17:12:04

The submission session is now available for H2020-MSCA-RISE-2015.

+ More

Topics and submission service

To access the Submission Service, please select the TOPIC of your interest and then open the Submission Service tab.
To access existing draft proposals, please login to the portal and select My Proposals from the My Area menu.

Topic: MSCA-RISE-2015: Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE)
In H2020, a proposal is submitted to a specific topic. The full set of information for preparing a proposal for a topic (eligibility and evaluation conditions, proposal templates, evaluation forms, etc.) is available on the topic conditions page. Select a topic from the call description page or go to Search Topics.

Download all documents

(EN only, incl. the additional docs.)

RISE 2015 - Guide for Applicants en
RISE 2015 - FAQs en
Ethics - Guidance to complete the ethics self-assessment en
Legal basis - Framework Programme H2020 en
Legal basis - Rules for Participation en
Legal basis - Specific Programme H2020 en
WP H2020 - 1. Introduction en
WP H2020 - 3. Marie Sklodowska-Curie Actions (MSCA) en
WP H2020 - 19. General Annexes en
- **Section 1**: General information (including abstract)
- **Section 2**: Information on participants
- **Section 3**: Budget and Secondments tables
- **Section 4**: Ethics table
Proposal Part B

LIST OF PARTICIPANTS

1. SUMMARY
2. EXCELLENCE
3. IMPACT
4. IMPLEMENTATION

(including data for non-academic beneficiaries)

START PAGE COUNT

30 pages limit

5. REFERENCES
6. CAPACITIES OF THE PARTICIPATING ORGANISATIONS
7. ETHICS ASPECTS
8. LETTERS OF COMMITMENT OF PARTNER ORGANISATIONS

STOP PAGE COUNT
Experts wanted!

RESEARCH & INNOVATION

Participant Portal

Experts

Join the database of independent experts for European research and innovation.

The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

New experts

Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields of research and innovation (see call for details on types of expertise).
- can be available for occasional, short-term assignments

What do expert assignments involve?

Experts, as peer reviewers, assist in the:

- evaluation of proposals
- monitoring of actions

In addition, experts assist in the:

- preparation, implementation or evaluation of programmes and design of policies.
Where to find information?

Marie Skłodowska-Curie Actions Website
http://ec.europa.eu/mariecurieactions

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

Participant Portal (applications)
Thank you for your attention

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