Marie Skłodowska-Curie Actions (MSCA) in Horizon 2020

Università degli Studi di Milano
8 aprile 2014

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H2020 MSCA and Widening NCP
PeopleNetwork+ coordinator
Information & Assistance

Support for International activities

Training

[APRE 's services]

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~ 20 Dossiers
And FAQs
GdL

Linee Guida amministrative per la gestione della
procedura per l’ammissione di cittadini di
Paesi terzi ai fini di ricerca scientifica

La gestione dei contratti di lavoro in ambito Marie Curie:
linee guida ed esempi di buone prassi

Gruppo di lavoro PEOPLE

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FAQ

If you need further information on Horizon 2020 here you can find the frequently asked question elaborated by APRE. The missing thematic will be available soon.

GENERAL FAQ (Introducing Horizon 2020, Understanding the Pillars, Participating to Horizon 2020)

EXCELLENT SCIENCE

• RESEARCH INFRASTRUCTURES
• NAIRE SKLDOWSKA-CURE ACTIONS

INDUSTRIAL LEADERSHIP

• ICT
• NMP+B
• SPACE
• SME INSTRUMENT

SOCIETAL CHALLENGE

• FOOD
• ENVIRONMENT
• HEALTH
• EUROPE IN A CHANGING WORLD: INCLUSIVE, INNOVATIVE AND REFLECTIVE SOCIETIES
[Horizon 2020]

**Excellent Science**
- European Research Council
  - Frontier research by the best individual teams
- Future and Emerging Technologies
  - Collaborative research to open new fields of innovation
- Marie Skłodowska Curie actions
  - Opportunities for training and career development
- Research infrastructures (including e-infrastructure)
  - Ensuring access to world-class facilities

**Industrial Technologies**
- Leadership in enabling and industrial technologies
  - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- Access to risk finance
  - Leveraging private finance and venture capital for research and innovation
- Innovation in SMEs
  - Fostering all forms of innovation in all types of SMEs

**Societal Challenges**
- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research & the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Security society

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**European Institute of Innovation and Technology (EIT)**

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)
Budget for each activity

**Excellent Science**
- European Research Council: 54%
- Future and Emerging Technologies: 25%
- Marie Skłodowska Curie Actions: 11%
- European Research Infrastructures (including eInfrastructures): 10%

**Societal challenges**
- Health, demographic change and wellbeing: 21%
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy: 20%
- Secure, clean and efficient energy: 13%
- Smart, green and integrated transport: 6%
- Climate action, environment, resource efficiency and raw materials: 5%
- Inclusive, innovative and reflective Societies: 4%
- Secure Societies: 10%

**Industrial Leadership**
- Leadership in enabling and industrial technologies: 80%
- Access to risk finance: 16%
- Innovation in SMEs: 4%

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**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 €
Strategic programming approach

- 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
- Entirely **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
- 2014-2015: 10 calls foreseen -> one call per each MSC action per year + one call covering 2 years of European Researchers' Night + NCP

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[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
[Bottom-up approach]

Research fields are freely chosen by the applicants, except:
• research activity aiming at human cloning for reproductive purposes
• research activity intended to modify the genetic heritage of human beings which could make such changes heritable
• research activities intended to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer
• areas of research covered by the EURATOM Treaty
[Mobility rule]

At the time of the relevant deadline for submission of proposals, or recruitment/secondment by the host organisation, depending on the action, researchers shall not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date.
Innovative networks supporting early-stage training (Including Industrial doctorates & Joint doctorates)

Individual fellowship supporting experienced researchers undertaking mobility

International and inter-sector cooperation through research and innovation staff exchange

Co-funding of regional, national and international programmes funding doctoral and postdoctoral researchers

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## [Call deadlines 2014]

<table>
<thead>
<tr>
<th>Call ID</th>
<th>Call Opens</th>
<th>Call Deadline</th>
<th>Budget (Mio EUR)</th>
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## Call deadlines 2015

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Innovative Training Networks (ITN)

MSCA - main EU programme for structured doctoral training

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

Scope
✓ European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD)
✓ Triple 'i' dimension of mobility and particular focus on innovation skills

Expected Impact
✓ structure research and doctoral training in Europe
✓ trigger cooperation and exchange of best practice among participants
✓ enhance researchers' employability and provide them with new career perspectives

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[Level of participation]

✓ **Beneficiaries**: signatory to the agreement
  ✓ full partners
  ✓ They contribute directly to the implementation of the research training programme by appointing, supervising, hosting and training researchers. They may also provide secondment opportunities

✓ **Partner organisations**: non-signatory of the agreement
  ✓ do not employ the researchers within the project
  ✓ A letter of commitment in the proposal
Research and Innovation Staff Exchange (RISE)

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

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Research and Innovation Staff Exchange (RISE)

Participants in the RISE shall be established in at least three different countries of which at least two must be EU Member States and/or Associated Countries.

If all participants are from the same sector (either only academic or only non-academic), at least one participant must be from a third country.

Above this minimum, the participation of institutions from any country or organisation is possible under the conditions provided by the Horizon 2020 Rules for Participation.
Duration of support: 1-12 months

Secondments may be split into several stays not exceeding 12 months in total and not going beyond the project duration. The splits must be justified and considered beneficial for the transfer of knowledge activities.

The exchanged staff members* should be guaranteed full reintegration into the sending institution thus maximising the impact of the action for knowledge sharing and long-term collaboration.

* Staff members in RISE are researchers (ESR and ER), innovators, administrative, managerial and technical staff supporting the research and innovation activities of the project. They shall be actively engaged in or linked to research and/or innovation activities for at least six months (full-time equivalent) at the sending institution prior to the first period of secondment. Secondments in RISE are not subject to the mobility rules.
Objectives:
- 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 at all stages of their career.
- 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 recruitment, vacancies widely publicised.

Expected Impact:
- Exploit synergies between European Union actions and those at regional, national, and international level.
- Leverage funding and combat fragmentation.
Mono-beneficiary

Legal entities (public and private) established in MS or AC and international European interest organisations
COFUND projects in the FP7-PEOPLE-Programme

Listed here, you will find COFUND projects of the Seventh Framework Programme (FP7-PEOPLE). Each project is funded by the European Commission's Marie Curie Action “Co-funding of Regional, National and International Programmes”.

For more information about the granted COFUND projects, click on the institution name where you will find additional details regarding the projects including brief descriptions, contact information for project coordinators in Europe and the total amount of EU funding awarded to the project.

NEWTELPRO New International Fellowship Mobility Programme for Experienced Researchers
Project status: Accepted
Organization name: Mikrofonvi Zinsa
Obrazovni i Sporta Tel: +380 14569900 Fax: +380 14569301
Mikrofonvi@zinsa
Address: 1000 Zagreb, NewTelpro

Enix Schroedering Fellowships
Project status: Executed
Organization name: Fonds zur wissenschaftlichen Forschung
Name: Barbara ZIMMERMANN
Tel: +43 15556740501
URL: http://www.ifw.ac.at
Adresse: Sara

Enix Schroedinger Program
Organization name: Fonds zur Foerderung der wissenschaftlichen Forschung
Name: Barbara ZIMMERMANN
Tel: +43 15556740661
URL: http://www.ifw.ac.at
Adresse: Sendngasse, Wien, OSTERREICH
[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

- **Fellowships**: minimum 3 months

- EU contribution to cover *living allowances for researchers and management costs*

- **50% co-funding for established unit costs**

- Minimum living allowance fixed in the WP
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
Individual Fellowships (IF)

Duration of support:

IF European: 12-24 months

IF Global: 12-24 months for the outgoing phase plus 12 month return phase in Europe
### Award criteria: IF

<table>
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<tr>
<th>Excellence</th>
<th>Impact</th>
<th>Implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)</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 transfer of knowledge/training for the development of researcher in light of the research objectives</td>
<td>Effectiveness of the proposed measures for communication and results dissemination</td>
<td>Appropriateness of the management structures and procedures, including quality management and risk management</td>
</tr>
<tr>
<td>Quality of the supervision and the hosting arrangements</td>
<td></td>
<td>Appropriateness of the institutional environment (infrastructure)</td>
</tr>
<tr>
<td>Capacity of the researcher to reach or re-enforce a position of professional maturity in research</td>
<td></td>
<td>Competences, experience and complementarity of the participating organisations and institutional commitment</td>
</tr>
</tbody>
</table>
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