I BANDI INDIVIDUALI DELLE MARIE SKŁODOWSKA-CURIE (MSCA) IN HORIZON 2020

Angelo D’Agostino, 16 aprile 2015, Palermo
Summary

- Che cos’è APRE?
- Le Azioni Marie Skłodowska -Curie (MSCA): Struttura e regole di partecipazione
- Individual Fellowship (IF)
- Progettazione in ambito MSCA-IF
Italian non-profit research organisation

1989 - created as a “Task Force” of the Ministry of Education, University and Research

25 years of experience

MISSION

- Promoting and supporting Italian participation to the EU Research and Innovation programmes (R&I)
- Improve the “Quality” of the Italian participation in European program R&I.

[WHAT IS APRE?]

www.apre.it
Information & Assistance

Support for International activities

Training

[APRE 's services]
More than 100 members

54 Universities
37 Public and Private Research organisations
4 Financial organisations
4 Chambers of Commerce
4 Science Parks
7 Public Authorities
5 Trade Associations
Collaboration with the Ministry of Research

Source: MIUR [http://hubmiur.pubblica.istruzione.it/web/ministero/cs300713](http://hubmiur.pubblica.istruzione.it/web/ministero/cs300713)
To strengthen the cooperation at local level,

to provide tailored services responding to local needs
Direct link with international stakeholders (European Institutions, liaison offices and research bodies, others)

Advocacy activities

Participation to EU events and information days (on their behalf, if needed!)

Meeting room!

Services

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APRE COMMUNICATION CHANNELS

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The intranet service is dedicated to APRE members and allows a two-way communication channel. Members can receive strategic information by using the intranet service. The Intranet service helps in the “networking” activities as well!
~ 20 Dossiers
And FAQs
APRE is a partner of the “Enterprise Europe Network”, created by the European Commission (DG Enterprise) in 2008.

A unique helpdesk dedicated to the following services:
1. Information and assistance on R&I
2. Support for transnational technology transfer (TTT)
3. Signposting to other EEN partners concerning internationalization issues

Timeline:
- 1993: APRE became a partner of the Value Relay Centre
- 1995: APRE became a partner of the Innovation Relay Centre (IRC)
- 2000: APRE has been official partner of CIRCE, Innovation Relay Centre of Central Italy
- 2008: APRE is member partner of the Enterprise Europe Network

EEN NETWORK
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[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)
[Keywords]

Entrepreneurial innovative joint research training
Innovative Training Networks (ITN) creative
doctoral training early-stage researchers

Researchers cross-sector enhancing the skills
Knowledge-exchange opportunities public engagement

Marie Skłodowska-Curie Actions

New knowledge cross-border

Mobility

Diversify restart
Individual Fellowships

Skill acquisition new knowledge

Knowledge inter-sector

Secondments

Research and Innovation Staff Exchange (RISE) synergies

International
[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 €
Participants are organisations from the academic or the non-academic sector. These two sectors are defined as follows:

**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

**Inter-sector collaboration**
Researchers

**Early-stage researchers (ESR)**
- be in the first four years (*full-time equivalent research experience*) of their research careers
- and have not been awarded a doctoral degree.

**Experienced researchers (ER)**
- be in possession of a doctoral degree
- or have at least four years of full-time equivalent research experience.

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*Full-time equivalent research experience* is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate.
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
ITN- Innovative Training Network
Early-Stage Researchers
Innovative networks supporting early-stage training
(Including *Industrial doctorates & Joint doctorates*)

IF- Individual Fellowship
Experienced Researchers
Individual fellowship supporting experienced researchers undertaking mobility

RISE- Research Innovation Staff Exchange
Exchange of Staff
International and inter-sector cooperation through research and innovation staff exchange

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

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Marie Skłodowska-Curie Actions – Individual Fellowships (IF)
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

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This action provides financial support for individual experienced researchers who want to work in host organisations established in EU Member States (MS) or Associated Countries AC.

The Global Fellowship option also includes an initial period spent in a partner organisation located outside of Europe MS or AC.
Individual Fellowships (IF)

Proposals for IFs involve a *single* host organisation (future beneficiary) established in a MS or AC.

The project proposals are submitted by the **host organisation**, which is represented by the **supervisor**, *in liaison* with the **researcher**.

The **submission of the proposals** falls under the **full responsibility of the supervisor** (and any other actions that follow this procedure like withdrawal or request for evaluation review).

Technically it is possible for both the researcher and the supervisor to create, modify and submit the proposal in the electronic submission system SEP. However it must be emphasised that the submission by the researcher must be made with the agreement of the supervisor.

It is important to note that the Experienced Researcher (future fellow) and the supervisor must be two different people.
Only one proposal per experienced researcher can be submitted for this call of proposals.
[IF – European and Global]

EFs: 12-24 months

GFs: 12-24 months for the outgoing phase plus 12 month return phase in Europe

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European Fellowships

12-24 months

Academic Sector or Non-Academic Sector

Global Fellowships

12 months

Academic Sector or Non-Academic Sector

12-24 months

Academic Sector or Non-Academic Sector

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[IF – Participants]

Beneficiary

✓ Beneficiary is the host organisation that not only recruits, supervises and assures the training of the researcher, but also appoints the scientist in charge. The Beneficiary signs the grant agreement, receives funding, claims costs and takes complete responsibility for executing the proposal.

Partner Organisations

✓ Partner organisations are institutions that provide additional training and host the researcher during secondments. The partner organisations do not recruit any researchers and do not sign the grant agreement. As such partner organisations cannot directly claim any costs from the action.
**Minimum country participation in an IF**

<table>
<thead>
<tr>
<th></th>
<th>Beneficiaries</th>
<th>Partner organisations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>European Fellowship</strong></td>
<td><strong>Obligatory: 1 beneficiary in MS or AC</strong></td>
<td><strong>Optional: partner organisation(s) in MS or AC</strong></td>
</tr>
</tbody>
</table>
| **Global Fellowship**    | **Obligatory: 1 beneficiary in MS or AC** | **Obligatory: 1 partner organisation in TC**  
**Optional: partner organisation(s) in MS or AC** |
Proposals are allocated for evaluation either to one of the 8 main scientific panels or to one of the 2 multidisciplinary panels "Career Restart Panel (CAR)" and "Reintegration Panel" (RI).

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

www.apre.it
European Fellowships (EFs)

Career restart panel (CAR):
- to resume research in Europe after a career break, e.g. after parental leave, is ensured via a separate multi-disciplinary career restart panel of the European Fellowships.

- To qualify for the career restart panel, researchers must not have been active in research for at least 12 months immediately prior to the deadline for submission.
Individual Fellowships - IF

Reintegration Panel (RI):
- The researcher must be a **national or long-term resident of the MS or AC**.

*Long-term residents are researchers who spent a period of full-time research activity of at least 5 consecutive (without breaks in research) years in one or more MSs or ACs.*

- The researcher must **move or have moved** (transnational mobility) **from a TC to the MS or AC** where the beneficiary is located.

- **RI mobility rule**: the researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of his/her host organisation for more than 36 months in the 5 years immediately prior to the deadline for submission of proposals.
Proposals are allocated for evaluation either to one of the 8 main scientific panels

<table>
<thead>
<tr>
<th>Chemistry (CHE)</th>
<th>Physics (PHY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics (MAT)</td>
<td>Social Sciences and Humanities (SOC)</td>
</tr>
<tr>
<td>Life Sciences (LIF)</td>
<td>Information Science and Engineering (ENG)</td>
</tr>
<tr>
<td>Environment and Geosciences (ENV)</td>
<td>Economic Sciences (ECO)</td>
</tr>
</tbody>
</table>

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Each partner organisation in a TC must **include an up-to-date letter of commitment in Part B of the proposal** to demonstrate its real and active participation in the proposed action and its precise role should also be clearly described in the proposal.
[Mandatory return phase- GF]

The mandatory return phase for the researcher (*future fellow*) in the European host organisation is *essential* for the successful achievement of the objectives of this action.

In case of non-fulfilment of this condition, the host organisation has to **reimburse the total amount** received from the REA for the benefit of the researcher under the Grant Agreement.

If the non-fulfilment of the return period lies with the researcher, the host organisation must take all appropriate measures (including legal action) to recover from the researcher the total amount received for her/his benefit under the Grant Agreement, in order to reimburse this amount to the REA.
[Secondments]

During the implementation of the IF the Experienced Researcher may be seconded to another institution in Europe. Such secondments must significantly contribute to the impact of the fellowship and therefore in certain research fields would be expected to take place in the non-academic sector.

The organisation where the secondment takes place is a partner organisation and must be located in the Member States or Associated Countries.

<table>
<thead>
<tr>
<th>Duration of the fellowship</th>
<th>Maximum duration of secondment</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 18 months</td>
<td>3 months</td>
</tr>
<tr>
<td>&gt; 18 months</td>
<td>6 months</td>
</tr>
</tbody>
</table>

The secondment phase can be a single period or divided into shorter mobility periods.
### Financial Aspects

The financial support for Marie Skłodowska-Curie IFs takes the form of a grant covering up to 100% of the costs.

<table>
<thead>
<tr>
<th></th>
<th>Researcher unit cost in EUR person/month</th>
<th>Institutional unit cost in EUR person/month</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Living* Allowance</td>
<td>Mobility Allowance</td>
</tr>
<tr>
<td>Individual Fellowships</td>
<td>4,650*</td>
<td>600</td>
</tr>
</tbody>
</table>

* The country correction coefficients that will be applied are indicated in Table 4 in Part 3 of the Work Programme
[Examples of Individual Fellowships]

A French researcher without family obligations who obtained her PhD in France on 15 June 2013 in Chemistry applies jointly with a university in Germany for a 24-month fellowship in the CHE panel. In the last 3 years she was in Germany for 5 months. Part B provides for a secondment split in 2 periods of each 2 months at an industrial partner in Ireland.

The budget calculation would be like this:

Total duration = 24 months (person-months)
Country of the host organisation = Germany

1. Living allowance = €4,650 x 24 x DE Country Correction Coefficient (CCC)
   = €4,650 x 24 x 98.8%
   = €110,260.80

2. Mobility allowance = €600 x 24 = €14,400

3. Family allowance = N/A

4. Research, training and networking costs = €800 x 24 = €19,200

5. Management and indirect costs = €650 x 24 = €15,600

Maximum EU contribution = €110,260.80 + 14,400 + 19,200 + 15,600
= €159,460.80

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## Award criteria: IF

<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 (including</td>
<td>Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to</td>
<td>Overall coherence and effectiveness of the work plan, including appropriateness of the allocation</td>
</tr>
<tr>
<td>inter/multidisciplinary aspects)</td>
<td>provide new career perspectives</td>
<td>of tasks and resources</td>
</tr>
<tr>
<td>Clarity and quality of transfer of knowledge/training for the development</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</td>
</tr>
<tr>
<td>of researcher in light of the research objectives</td>
<td></td>
<td>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</td>
<td></td>
<td>Competences, experience and complementarity of the participating organisations and institutional</td>
</tr>
<tr>
<td>maturity in research</td>
<td></td>
<td>commitment</td>
</tr>
</tbody>
</table>

[www.apre.it](http://www.apre.it)
[Call deadlines 2015]

<table>
<thead>
<tr>
<th>Call ID</th>
<th>Call Opens</th>
<th>Call Deadline</th>
<th>Budget (Mio EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H2020-MSCA-IF-2015</td>
<td>12-03-2015</td>
<td>10-09-2015</td>
<td>213.00</td>
</tr>
</tbody>
</table>
## Submissions to IF call deadline
11 September 2014

<table>
<thead>
<tr>
<th>TOPICS</th>
<th>EUROPEAN FELLOWSHIPS</th>
<th>GLOBAL FELLOWSHIPS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Budget</strong></td>
<td>211.5 million</td>
<td>29 million</td>
<td>240.5 million</td>
</tr>
<tr>
<td><strong>SCIENTIFIC PANEL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EF-ST</strong></td>
<td><strong>EF-CAR</strong></td>
<td><strong>EF-RI</strong></td>
<td><strong>GF</strong></td>
</tr>
<tr>
<td>708</td>
<td>46</td>
<td>30</td>
<td>70</td>
</tr>
<tr>
<td>712</td>
<td>55</td>
<td>52</td>
<td>193</td>
</tr>
<tr>
<td>1030</td>
<td>126</td>
<td>61</td>
<td>233</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td><strong>5334</strong></td>
<td><strong>425</strong></td>
<td><strong>466</strong></td>
</tr>
</tbody>
</table>
### Italian submissions to IF
11 September 2014

<table>
<thead>
<tr>
<th>European Fellowships</th>
<th>Standard</th>
<th>360</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Restart</td>
<td>26</td>
<td></td>
</tr>
<tr>
<td>Reintegration</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Global Fellowships</td>
<td>135</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>553</strong></td>
<td></td>
</tr>
</tbody>
</table>

*Education and Culture*
Links


http://ec.europa.eu/research/mariecurieactions/index_en.htm


www.apre.it
Marie Skłodowska-Curie actions
A pocket guide:
Your passport to a successful research career

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