



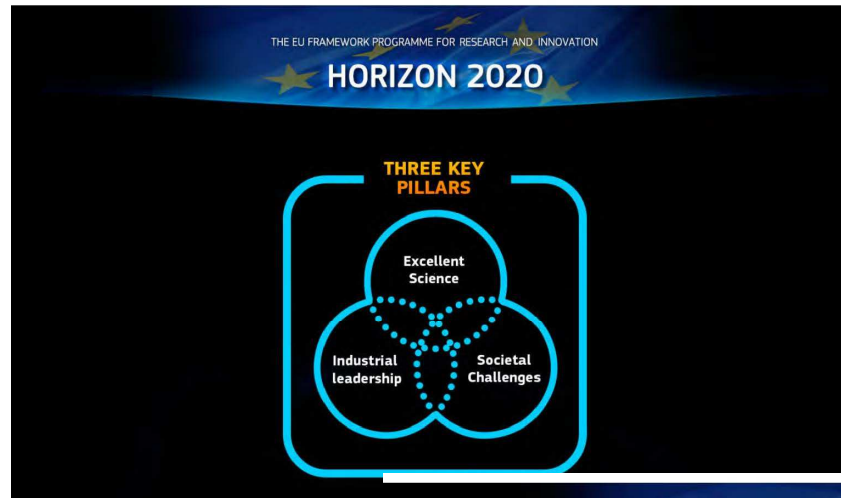
Marie Skłodowska-Curie Actions in H2020

Paris
23 May 2014

Oscar Barreiro
Research Executive Agency
European Commission

Research
Executive
Agency

Horizon 2020



Why a People programme?



Industry?

Academia?

Where do they go?

US, Japan...?

Who produces
the researchers?

Are enough researchers
staying in research?

Do we produce
enough researchers?



Is research put
into use as it should?

Is research attractive enough?

Are the researchers attractive enough?

MSCA in H2020



Excellence

Research

Training

Skills

Mobility



Research
Executive
Agency



Horizon 2020 - New actions 2014-20

- ✓ *MC will continue as the Marie Skłodowska-Curie Actions (MSCA)*
- ✓ *Funding levels ~maintained*
- ✓ *Broad Schemes ~maintained*
- ✓ *Simplification in Implementation*



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): € 6.126 million



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, what and where?



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*

FP7 vs Horizon 2020:



FP7

H2020

ITN



ITN
Early-stage
Researchers

Innovative Training Networks

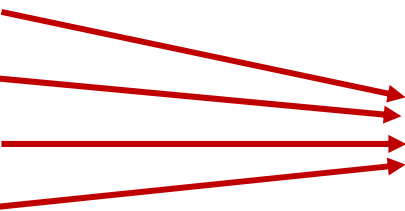
European Training Networks, European Industrial Doctorates, European Joint Doctorates

IEF

IOF

IIF

CIG



IF
Experienced
Researchers

Individual Fellowships

*European Fellowships and Global Fellowships
Dedicated support for career restart and reintegration*

IAPP

IRSES



RISE
Exchange of
Staff

**Research and Innovation
Staff Exchange**

COFUND



COFUND

**Co-funding of regional, national
and international programme**

*Doctoral programmes, Fellowship
programmes*

Research
Executive
Agency



Calls:

- Yearly (first calls – RISE and ITN opened in December 2013 - launch of the Horizon 2020)
- 2014-2015: 10 calls foreseen -> one call per each MSC action / per year +
 - one call covering 2 years of Researchers' Night
 - one covering 2 years of NCP
- Application through the Participant portal
- National Contact Points to be consulted

MSCA calls



ITN	11/12/2013 – 9/04/2014 2/09/2014 – 13/01/2015	EUR 405.18 million in 2014 EUR 370 million in 2015
IF	12/03/2014 – 11/09/2014 12/03/2015 – 10/09/2015	EUR 240.50 million in 2014 EUR 213.00 million in 2015
RISE	11/12/2014 – 24/04/2014 6/01/2015 – 28/04/2015	EUR 70.00 million in 2014 EUR 80.00 million in 2015
COFUND	10/04/2014 – 2/10/2014 14/04/2014 – 1/10/2015	EUR 80.00 million in 2014 EUR 80.00 million in 2015
NIGHT	11/12/2014 – 4/03/2014	EUR 8.00 million

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 academic sector definition
- **Beneficiaries** => signatories of GA
- **Partner organisations** => not signing GA
- Categories of researchers: **ESR & ER** – in line with FP7 approach
- **Full time research equivalent & mobility** rule – following FP7 approach



MSCA in H2020 in details...



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
- opportunities to acquire new knowledge, work on research projects in a European context or outside Europe,
- resume a career or return to Europe – separate multidisciplinary Panels for Career Restart and Reintegration

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
- **Mobility rule:** 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 deadline
- Evaluation in 8 thematic panels
- Focus on **career development**, not necessarily experience
- Additional 3 or 6 month **secondment option**, within Europe and in another sector

IF – European and Global



**European
Fellowships**

**Global
Fellowships**



*Research
Executive
Agency*

IF – European



- Fellows spend two years in a MS/AC research institution
- Mobility required
- Evaluation in 8 thematic panels
- Reintegration of researchers who have been long-term outside Europe is supported by a different panel
- There is also a Career Restart Panel for researchers who have not been active for at least a year.

Exemple IF European



A German
researcher who
lived in France for
10 months



Eligible for
a
fellowship
in France



Marie Skłodowska-Curie Individual Fellowship



- Fellows spend two years in a research institution outside Europe
- Mandatory return phase of 12 months to a European institution
- Mobility required
- Open to MS/AC nationals and 'long-term residents'
- Evaluation in 8 thematic panels



European
Commission



A French National
who resides and
works in Germany



Eligible for a
fellowship in the
U.S.



Mandatory return
phase in Germany



Research
Executive
Agency



For both European and Global fellowships the mobility rule is

- At the time of the relevant deadline for submission of proposals researchers shall not have resided or carried out their main activity in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date.
- In the **Career Restart Panel and the Reintegration Panel** in IF, researchers shall not have resided or carried out their main activity in the country of their host organisation for more than 3 years in the 5 years immediately prior to the relevant deadline for submission of proposals.

Award criteria: IF



Excellence (50%)	Impact (30%)	Implementation (20%)
Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)	Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives	Overall coherence and effectiveness of the work plan , including appropriateness of the allocation of tasks and resources
Clarity and quality of transfer of knowledge/training for the development of researcher in light of the research objectives	Effectiveness of the proposed measures for communication and results dissemination	Appropriateness of the management structures and procedures , including quality management and risk management
Quality of the supervision and the hosting arrangements		Appropriateness of the institutional environment (infrastructure)
Capacity of the researcher to reach or re-enforce a position of professional maturity in research		Competences, experience and complementarity of the participating organisations and institutional commitment

IF – overview



INDIVIDUAL FELLOWSHIPS		EUROPEAN			GLOBAL
		Scientific	CAR	REINTE-GRATION	GF
EXPERIENCED RESEARCHERS	Nationality	ANY	ANY	MS, AC or long-term residents	MS, AC or long-term residents
	Mobility	From ANY country to MS or AC	From ANY country to MS or AC	From OTC to MS or AC	From ANY country to OTC
		< 12 months in the last 3 years	< 36 months in the last 5 years	< 36 months in the last 5 years	< 12 months in the last 3 years
	Career break in research	-	≥ 12 months prior to call deadline	-	-
PARTICIPANTS	Beneficiary	MS or AC	MS or AC	MS or AC	MS or AC
	Partner Organisation	MS or AC (secondments)	MS or AC (secondments)	MS or AC (secondments)	OTC (outgoing phase)
					MS or AC (secondments)
DURATION months		12 - 24	12 - 24	12 - 24	12 to 24 + 12
SCIENTIFIC PANELS		8	8	8	8
RANKING LIST		8	1	1	8
BUDGET: €240.50 million		€ 211.5 million			€ 29 million

IF – financial



	Researcher unit cost [person/month]			Institutional unit cost [person/month]	
	Living allowance*	Mobility allowance	Family allowance	Research, training & networking costs	Management & overheads
Individual Fellowships	4 650	600	500	800	650

IF – call



IF Call open

Opened: 12 March 2014

Closes: 11 September 2014 @ 17:00:00 CET



COFUND

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 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 & private) established in MS or AC and International European Interest Organisations



**Doctoral
Programmes**



**Fellowship
Programmes**

- **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: minimum 3 years, maximum 5 years (including the time taken to publish calls and recruit researchers)
- **Duration of 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



- Each single application must only address the doctoral or fellowship programme, but
- More than one application can be submitted
- Recruited researchers must respect the mobility rule. Existing programmes can continue with own mobility rule if well-justified.
- Unless prohibited by national legislation all fellows, including doctoral fellows, must be recruited on a work contract.
- In the doctoral programme all fellows must be registered for a PhD

Synergies with European Structural and Investment Funds (ESIF)

- Support regional policies by internationalisation of human resources in research
- Possibility to support programmes that prioritise specific scientific disciplines based on smart specialisation strategies
- Cost items other than living allowance and management (such as research costs, travel and mobility allowances, overheads) may be funded through other resources including EU programmes other than Horizon 2020 (e.g. ESIF)

Award criteria: COFUND



Excellence (50%)	Impact (30%)	Implementation (20%)
Quality of the selection / recruitment process for the researchers (transparency, composition and organisation of selection committees, evaluation criteria, equal opportunity)	Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives	Overall coherence, effectiveness and appropriateness of the work plan
Quality of the research options offered by the programme in terms of science, interdisciplinarity, intersectorality and level of transnational mobility	Impact of the programme on aligning practices at participating organisations with principles set out by the EU for the human resources development in research and innovation	Appointment conditions of researchers
Quality of career guidance and training , including supervision arrangements, training in transferable skills	Effectiveness of the proposed measures for communication and results dissemination of the programmes	Competence of the participant to implement the programme

- ✓ EU contribution to **living allowance** for contracts with full social security:
 - Early stage researchers (ESR): € 1855 per person-month
 - Experienced researchers (ER): € 2625 per person-month
- ✓ EU contribution to **management costs**: € 325 per person-month

- ✓ Minimum amounts for monthly living + mobility allowances:

- ESR: € 2597
- ER: € 3675

- ✓ Other cost items may be funded through other resources (including ESIF funds)

Example (Fellowship programme – ER)

Cost item	Total cost [€ per person-month]	EU contribution [€ per person-month]
Living allowance	4800	2625
Mobility allowance	500	
Research costs	500	
Management costs	600	325
Indirect costs	600	
Total	7000	2950

To put the previous example in another way:

- The living allowance and management costs are 5400 EUR and the EU contributes 2950 EUR to this.
- The remaining 2450 EUR in this categories can come from any source, except EU funding.
- The mobility, research and indirect costs are 1600 EUR and these can come from any source except H2020 (but including ESIF).

COFUND —
EU contribution



50% of unit cost

NB – in the exceptional case where fellows are recruited on a stipend the EU COFUND contribution is further halved

Where to find information?



Participant Portal (applications)

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

National Contact Points

http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html

Marie Skłodowska-Curie Actions:

<http://ec.europa.eu/research/mariecurieactions/>

The Mobility Portal (EURAXESS)

<http://ec.europa.eu/euraxess>

Horizon 2020:

<http://ec.europa.eu/programmes/horizon2020/en/>

Experts wanted!



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Experts

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT ▾

 LOGIN

 REGISTER

News

H2020 call for expression for interest for experts (11/2013)
New calls for expression of interest [for individual experts](#) and [for organisations to suggest experts](#) were just published in [OJ C342 of 22 November 2013](#). European Commission will soon need experts to evaluate first Horizon 2020 proposals. Don't forget to tick the H2020 box in the registration platform and update your expertise.

Quick Links



Experts

[H2020 ONLINE MANUAL](#)

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

[REGISTER AS EXPERT](#)

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**.

***Thank you very much
for your attention***

Oscar.Barreiro-Mouriz@ec.europa.eu

