



Marie Skłodowska-Curie Actions

Bodo RICHTER

European Commission, DG EAC.C3

Research careers; Marie Skłodowska-Curie actions

ACA – European Policy Seminar

Brussels, 30.01.2014

Why?



As a researcher I want to...

- undertake a **project** in another country world-wide
- spend my time at a **leading lab** in another country
- be part of a well-established and **prestigious programme**
- benefit from **good working conditions**

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**Education
and Culture**

Why?



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Maybe I want to...



work with **businesses**



be part of a **short-term exchange**



bring a **researcher from another country at no cost to my university**

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Skłodowska-
Curie Actions**

**Education
and Culture**



Marie Skłodowska-Curie Actions

Optimum development and dynamic use of Europe's intellectual capital

Excellence

Research

Knowledge

Training

Innovation

Skills



Strategic programming approach



- Attract and retain **research talent** from all over the world
- Develop state-of-the-art, **innovative training schemes**, consistent with the highly competitive and increasingly interdisciplinary requirements of research and innovation
- Promote sustainable **career development** in research and innovation
- Focus on **delivering new knowledge and skills**
- 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

Expected impact



2014-2020

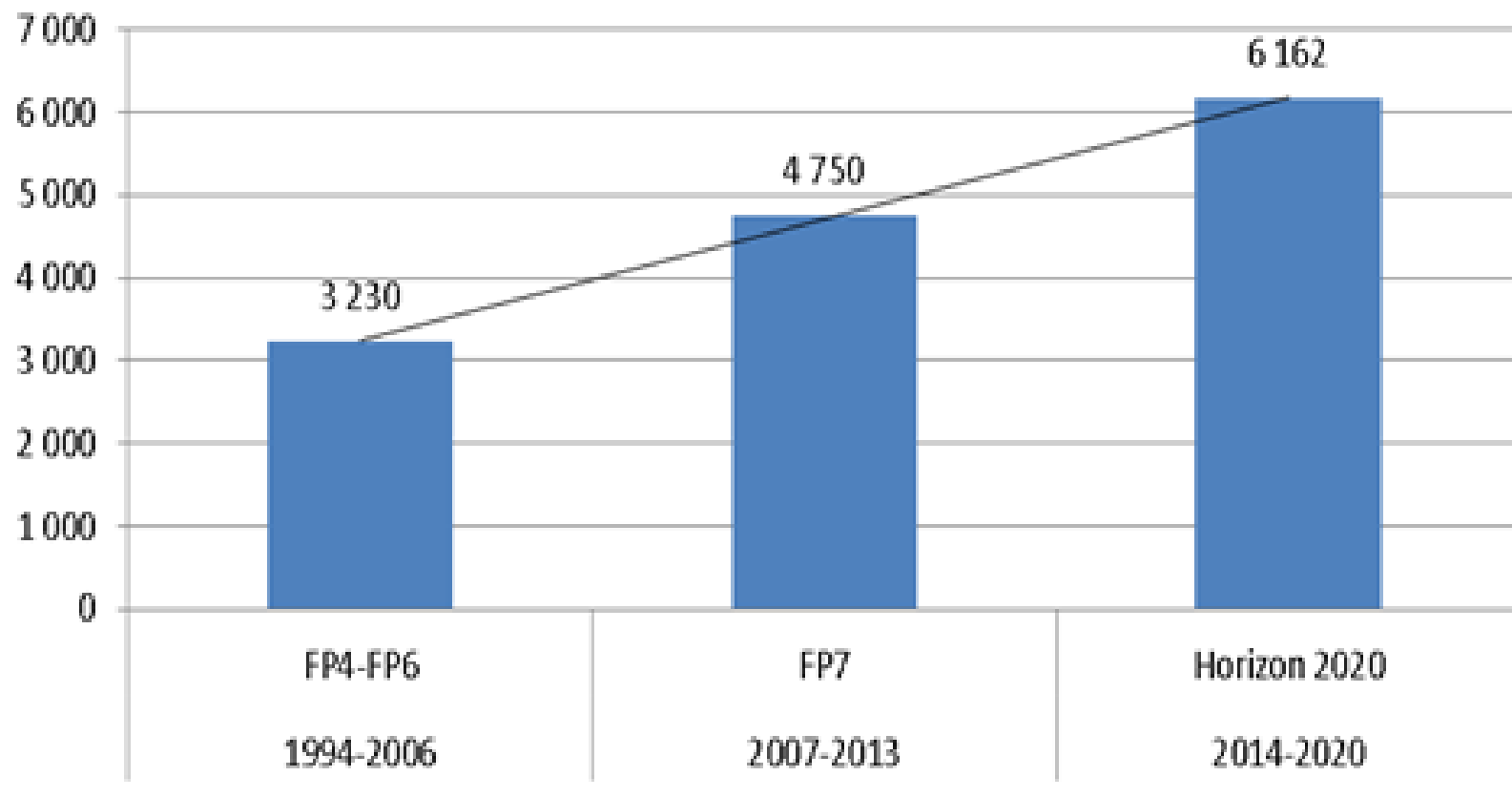
- ✓ ~ **65.000 researchers** to be supported, including **25.000 PhD** candidates
- ✓ ~ **200.000 scientific publications** in high impact peer-reviewed journals
- ✓ ~ **1.500 patent** applications
- ✓ ~ **100 spin-offs** created
- ✓ ~ **350-400** new regional / national / international **programmes** to be created targeting international and intersectoral training, and career development of research and innovation staff

Budget



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MSCA Budget in EUR million

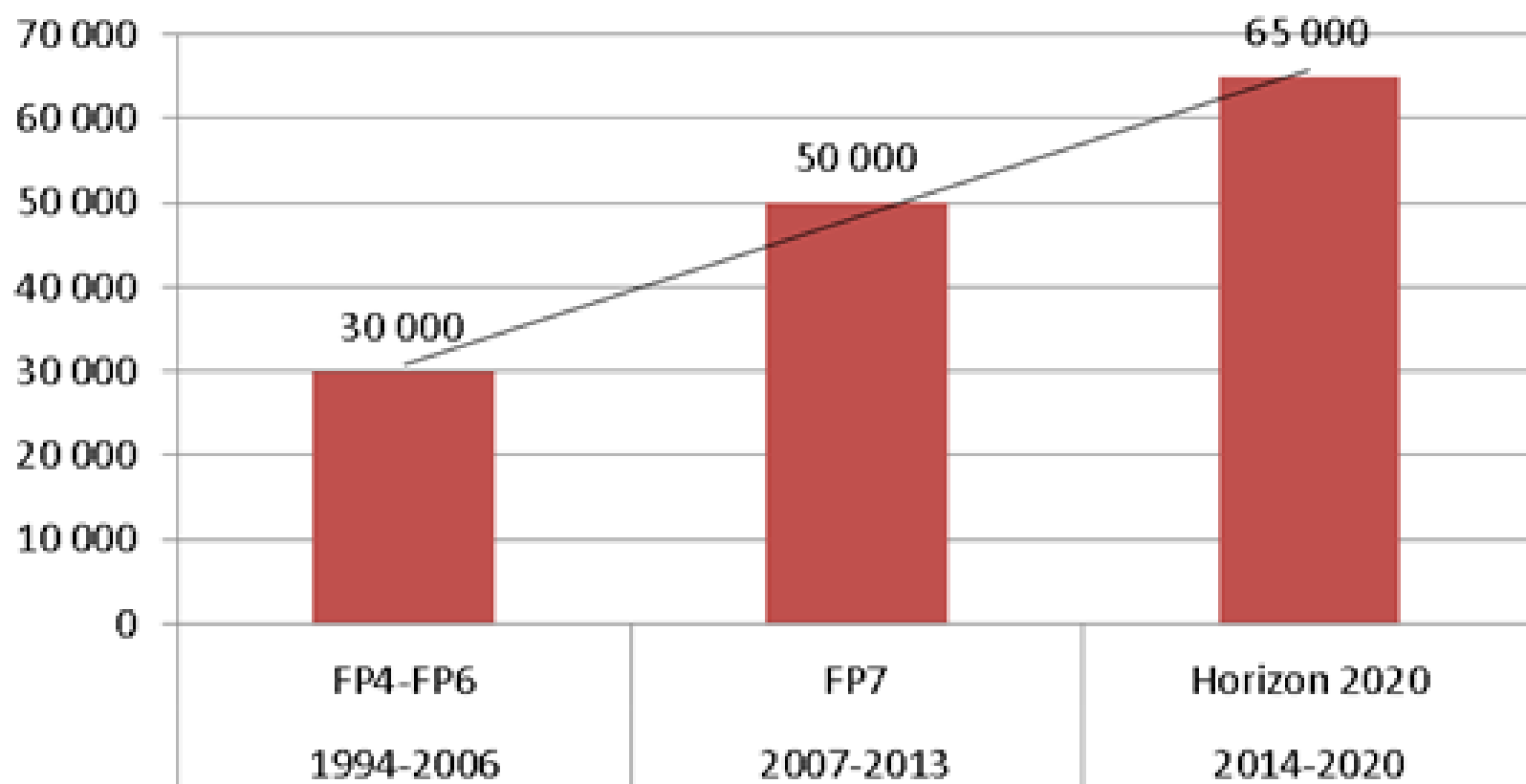


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Researchers funded through MSCA

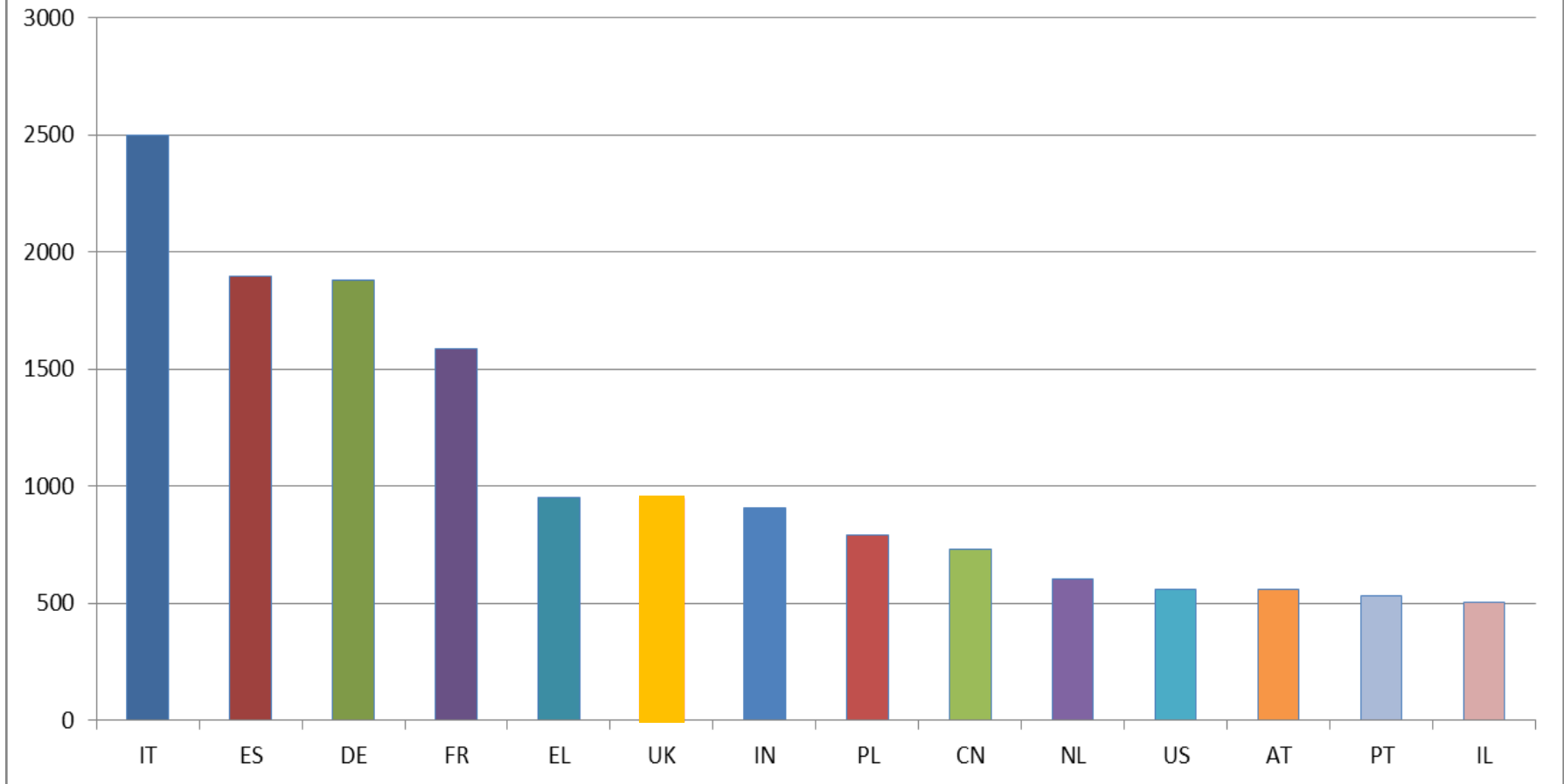


Researchers



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Nationality of Researchers - FP7



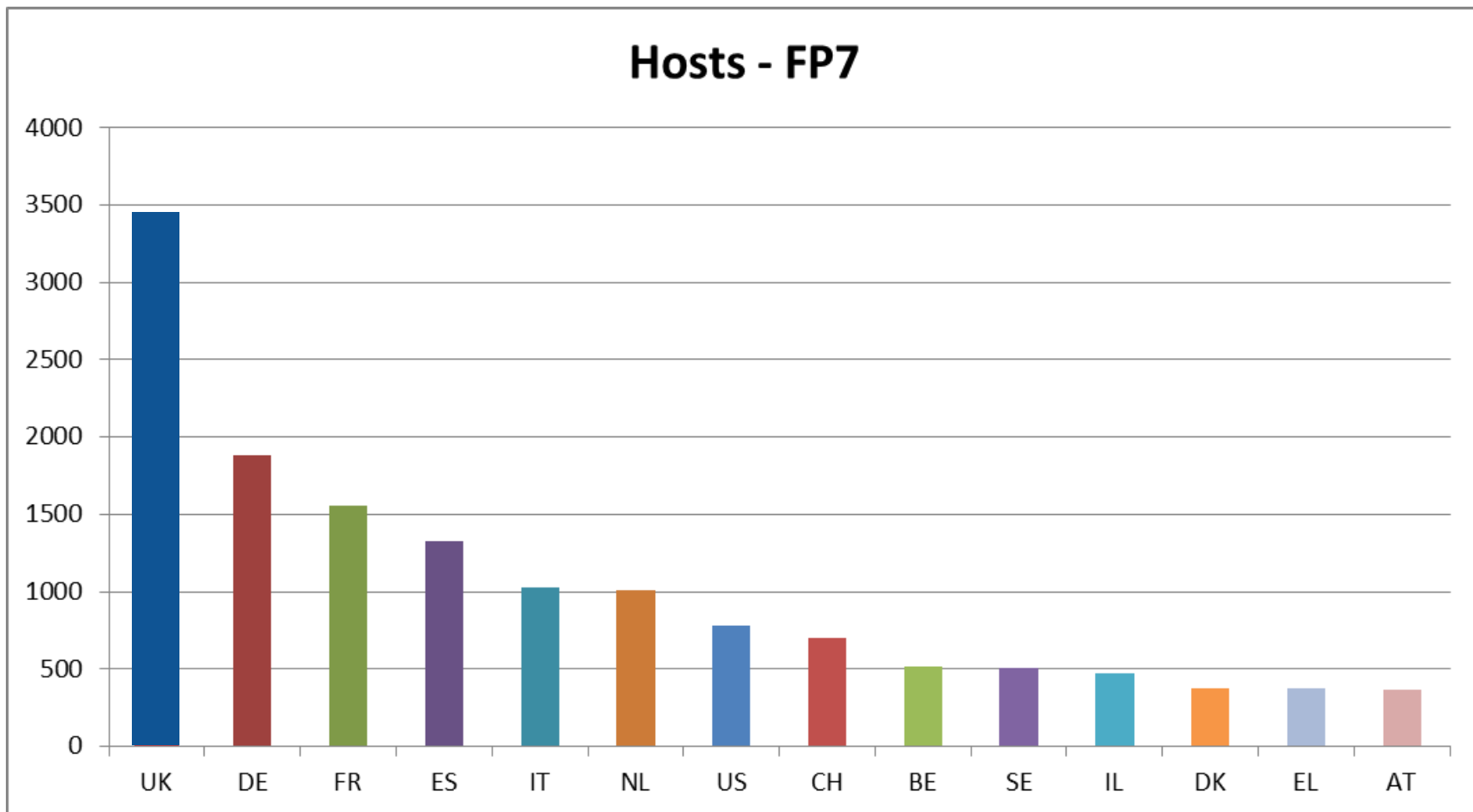
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Hosts



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Hosts - FP7



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Participating countries



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28 EU Member

Austria, Belgium, Bulgaria,
Croatia, Cyprus, Czech Republic,
Denmark, Estonia, Germany,
Greece, Finland, France,
Hungary, Ireland, Italy, Latvia,
Lithuania, Luxemburg, Malta,
Netherlands, Poland, Portugal,
Romania, Slovakia, Slovenia,
Spain, Sweden, United Kingdom

13 Associated Countries (tbc)

Albania, Bosnia & Herzegovina,
Faroe Islands, FYROM, Island,
Israel, Liechtenstein, Moldova,
Montenegro, Norway, Serbia,
Switzerland, Turkey

(+ Other Third Countries)



MSCA in H2020

Innovative Training Networks	ITN	Doctoral and initial training
Individual Fellowships	IF	Support for experienced researchers undertaking international and inter-sector mobility
Research and Innovation Staff Exchange	RISE	International and inter-sector cooperation through the exchange of staff
Co-funding of programmes	COFUND	Co-funding of regional, national and international programmes: <ul style="list-style-type: none">- doctoral programmes- fellowship programmes
Support and policy actions		European Researchers' Night (NIGHT) NCP support



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

- ✓ **Triple 'i'** dimension of mobility
- ✓ European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD)
- ✓ Scientific **excellence with innovation-oriented approach**
- ✓ Particular focus on **entrepreneurial skills** and **employability of researchers**
- ✓ Collaboration and **exchange of best practice** among participating organisations

ITN – Main features



- ✓ **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**

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



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 career restart** and **reintegration**
- ✓ Same elements of award criteria for all proposals



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

MSCA to foster excellence throughout Europe

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.



**Doctoral
Programmes**



**Fellowship
Programmes**

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

EU contribution



- ✓ 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

Unit costs



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MSCA	Researcher unit cost (person/month)			Institutional unit cost (person/month)	
	Living allowance (cc)	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
ITN	3 110	600	500	1 800	1 200
IF	4 650	600	500	800	650

Unit costs



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RISE	Staff member unit cost (person/month)	Institutional unit cost (person/month)	
		Research, training and networking costs	Management and indirect costs
Unit	2 000	1 800	700

COFUND	EU contribution to staff member unit cost (person/month)	EU contribution to institutional unit cost (person/month)
ESR	1855	325
ER	2 625	

Calls 2014-2015



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ITN	11/12/2013 – 09/04/2014 02/09/2014 – 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	11/12/2013 – 24/04/2014 06/01/2015 – 28/04/2015	EUR 70.00 million in 2014 EUR 80.00 million in 2015
COFUND	10/04/2014 – 02/10/2014 14/04/2015 – 01/10/2015	EUR 80.00 million in 2014 EUR 80.00 million in 2015
NIGHT	11/12/2013 – 04/03/2014	EUR 8.00 million



Marie Skłodowska-Curie actions:

- website: <http://ec.europa.eu/mariecurieactions>

- Facebook: <https://www.facebook.com/Marie.Curie.Actions>

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

Participant Portal (applications):

<http://ec.europa.eu/research/participants/portal/>