



The Marie Skłodowska-Curie Actions in Horizon 2020

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European Commission
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Outline of the Presentation

1. Brief review of the MCA in FP7
2. How is DK doing so far ?
3. The Marie Skłodowska-Curie Actions (MSCA) in Horizon 2020
 - ✓ *Structure*
 - ✓ *Outline of the Actions*
 - ✓ *Next steps*
 - ✓ *Off-line – 1:1 F2F session 1400:1530*

MCA FP7 The evaluations



- ✓ **FP7 Marie Curie Actions Interim Evaluation**

- ✓ *Published March 2013*

- ✓ **FP7 Marie Curie Life-long Training and Career Development Evaluation**

- ✓ *Published March 2012*

- ✓ **Both online at:**

http://ec.europa.eu/dgs/education_culture/evalreports/index_en.htm#fp7

Interim Evaluation: Effectiveness and utility



86% of the beneficiaries agreed that participation in Marie Curie projects **has strengthened/will strengthen existing collaborations** with partner organisations.



Almost **two thirds** of the universities from the **Shanghai top 500 list** participated in the host-driven MCA in 2011. **Nine out of ten** European companies, investing the **largest sums in research and development**, participated in the host-driven MCA in 2010 and 2011.



92% of the ITN fellows assessed the Marie Curie **impact on their career prospects** as “very good” or “good”. (and are still employed >5 years)

80% of >3,000 Alumni are willing to **help new fellows** bed down in their new host

Some highlights

Life-long Training Evaluation conclusions



- ✓ **Relevant** to EU political priorities and global objectives, as well as to the needs of research organisations, research funding organisations and individual researchers
- ✓ **Both mechanisms are achieving their objectives** and are strengthening the research capacity of the EU
- ✓ Modest positive **impact** on operational and administrative procedures of **host institutions (COFUND)**
- ✓ COFUND or Individual Fellowships have contributed to the **development of researchers' careers**
- ✓ **Budget appears appropriate** – the quantity and quality of outputs and results, and **success rates for Individual Fellowships appear satisfactory**



DK – How we you doing so far?

Number of Danish researchers funded in Marie Curie Actions: 118

Budget allocated so far to Danish institutes: € >130 million

No. of Danish organisations participating in Marie Curie Actions: 391

Note - IRSES and IIF (Return phase) are not included.

And - Aarhus is itself involved (legally) in ca 1,000 projects to date.



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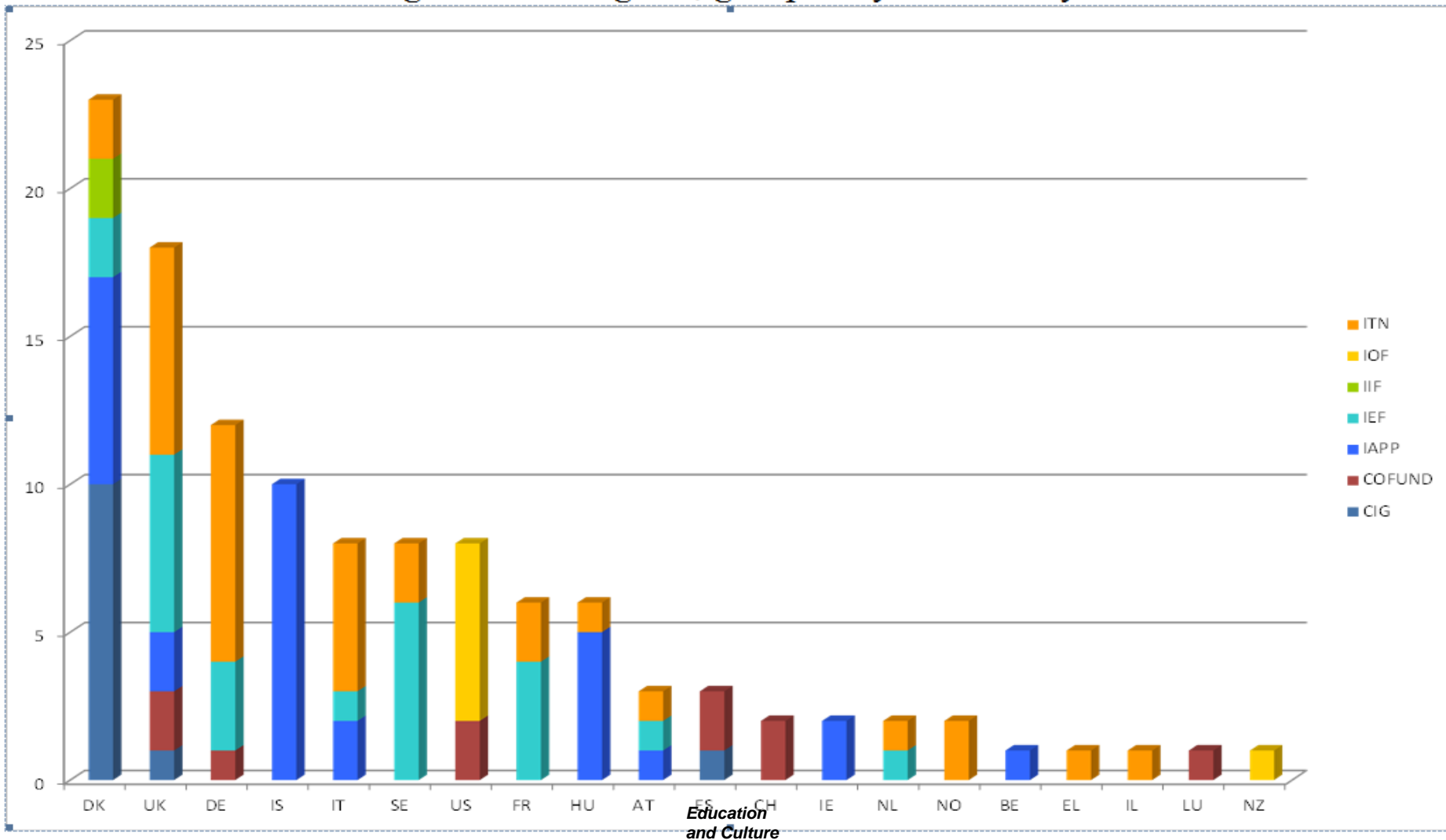
DK Success by FP7 Action

Marie Curie Actions (2007-2013)	Number of organisation participations
Initial Training Networks	170
Industry-Academia Partnerships and Pathways	27
International Research Staff Exchange Staff Scheme	27
Co-funding of regional, national and international programmes	1+1
Intra-European Fellowships	88+63
Career Integration Grants (including Reintegration Grants)	28
International Incoming Fellowships	32+7
International Outgoing Fellowships	18
Total	391+70

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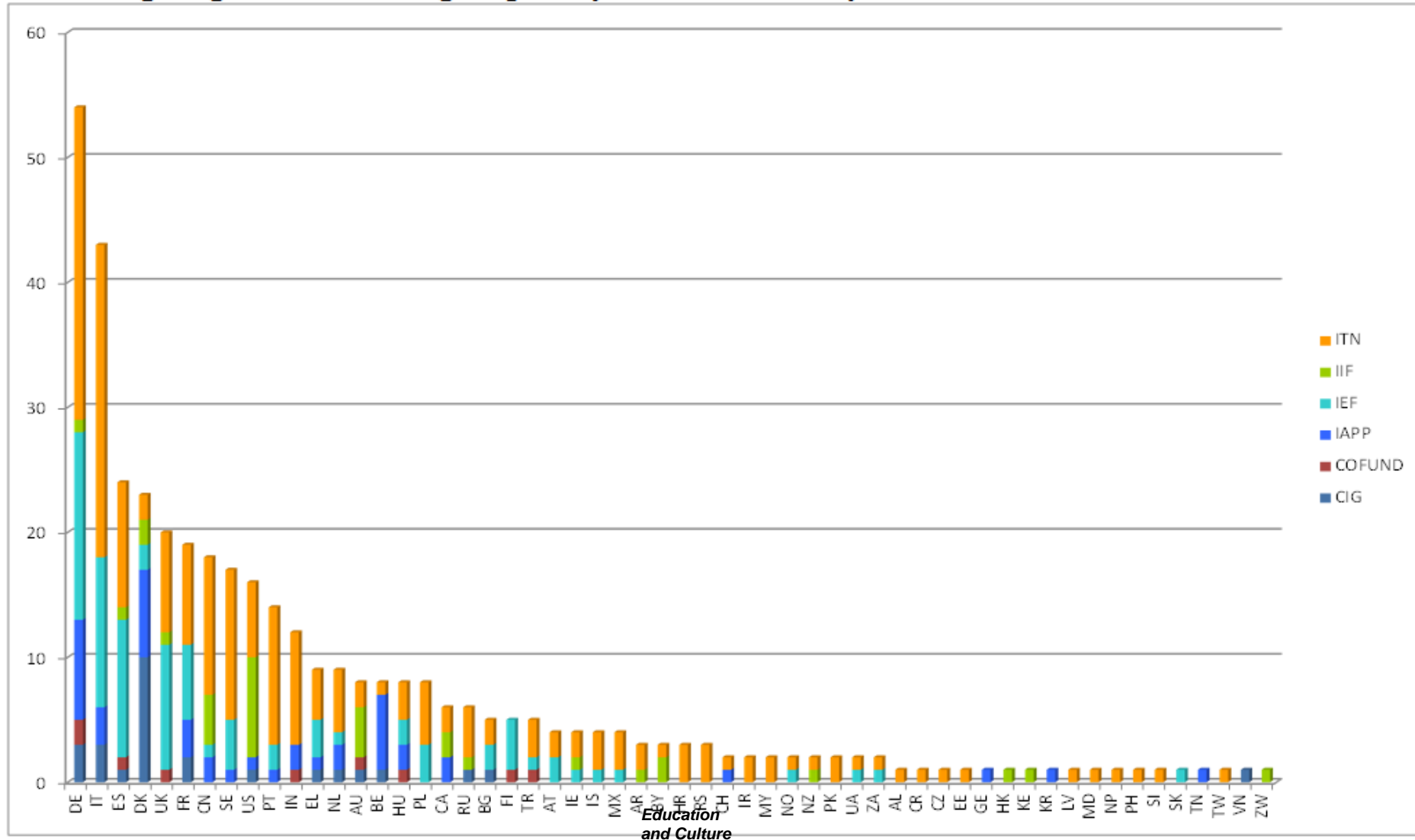


Danish fellows benefitting from a MC grant, grouped by the country of destination:





Fellows going to Denmark, grouped by their nationality⁷:



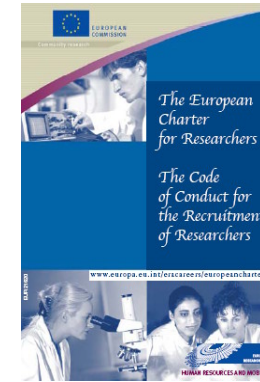
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卓越

Excellence



Research

Training



Skills



Mobility



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MSCA



The MSCA Objective

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

(and thus contribute to Europe 2020 and Lisbon Agenda)

Budget 2014-2020: 6,162 million €

Key features



- Open to all domains of **research and innovation** from basic research up to market take-up and innovation services - i.e. Entirely **bottom-up**
- **Wide eligibility conditions** and global reach
- 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: 1x each MSC action/yr + 1 NIGHTS 2yrs + 1 NCPs
- Major Launch of **key calls** already on 12 Dec 2013

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

Activities



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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 Non call-based activities

MSCA: Map from FP7



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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

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



ITN – Main features

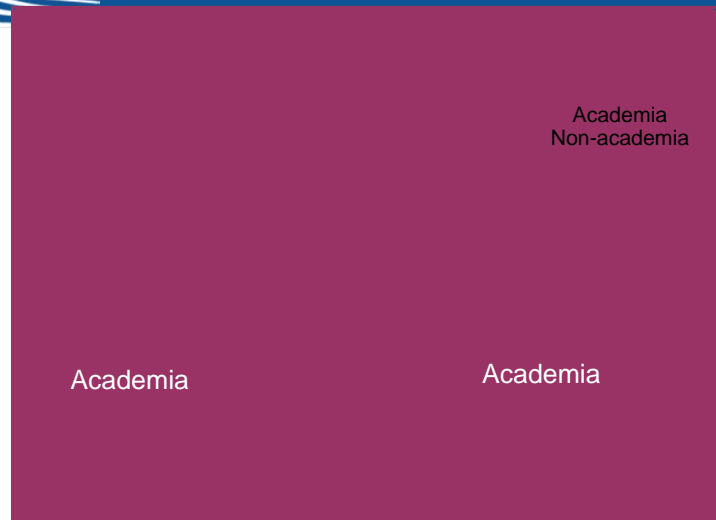


- ✓ **Budget:** € 405.18 Million in 2014 (EID: 25.5 Mio, EJD: 30 Mio)
€ 370 Million in 2015 (EID: 25 Mio, EJD 28 Mio)
- ✓ Duration of projects: maximum 4 years
- ✓ Consortium agreement: required only for EID
- ✓ Support to **early-stage researchers only**
- ✓ Fellowships of 3-36 months
- ✓ Maximum **540 researcher-months** per consortium (180 for EID with 2 partners)
- ✓ Separate **multidisciplinary panels for EID and EJD**

ITN - consortia



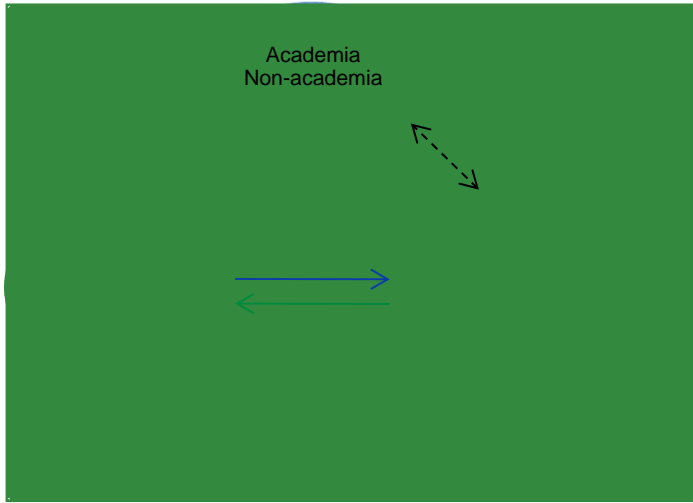
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**European
Training
Networks**

**European
Joint
Doctorates**

**European Industrial
Doctorates**



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Award criteria: ITN



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Excellence	Impact	Implementation
<p>Quality, innovative aspects and credibility of the research programme (including inter/multidisciplinary and intersectoral aspects)</p>	<p>Enhancing research- and innovation-related human resources, skills, and working conditions to realise the potential of individuals and to provide new career perspectives</p>	<p>Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources (including awarding of the doctoral degrees for <i>EID</i> and <i>EJD</i> projects)</p>
<p>Quality and innovative aspects of the training programme (including transferable skills, inter/multidisciplinary and intersectoral aspects)</p>	<p>Contribution to structuring doctoral / early-stage research training at the European level and to strengthening European innovation capacity, including the potential for:</p> <p>a) meaningful contribution of the non-academic sector to the doctoral/research training, as appropriate to the implementation mode and research field</p> <p>b) developing sustainable joint doctoral degree structures (for <i>EJD</i> projects only)</p>	<p>Appropriateness of the management structures and procedures, including quality management and risk management (with a mandatory joint governing structure for <i>EID</i> and <i>EJD</i> projects)</p>
<p>Quality of the supervision (including mandatory joint supervision for <i>EID</i> and <i>EJD</i> projects)</p>	<p>Effectiveness of the proposed measures for communication and dissemination of results</p>	<p>Appropriateness of the infrastructure of the participating organisations</p>
<p>Quality of the proposed interaction between the participating organisations</p>		<p>Competences, experience and complementarity of the participating organisations and their commitment to the programme</p>

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 CAR and Reintegration**
- ✓ Same elements of award criteria for all proposals

IF – European and Global



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European
Fellowships

Global
Fellowships



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Award criteria: IF



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

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

RISE – Main features

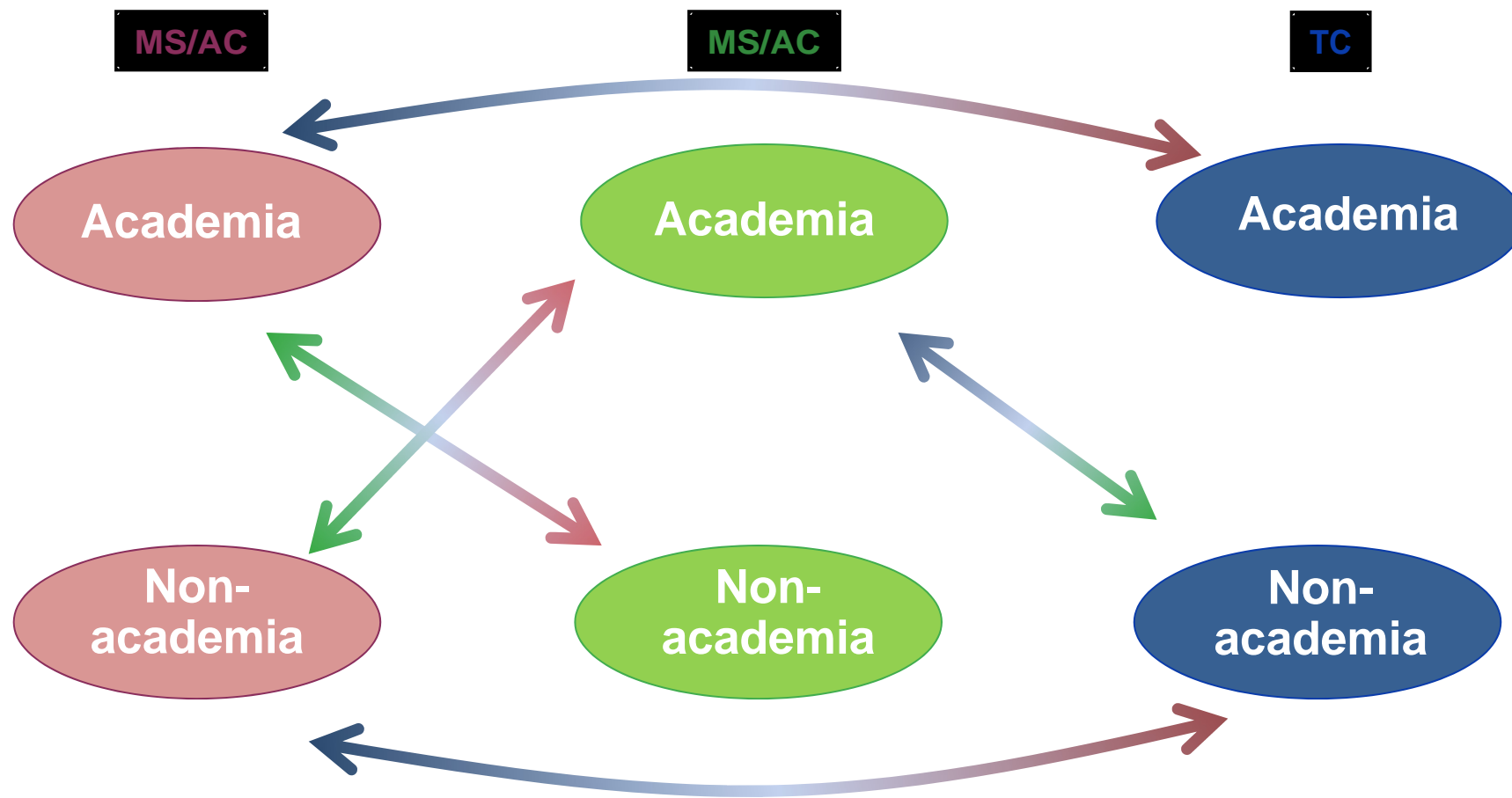


- ✓ **Budget:** € 70 Million in 2014
€ 80 Million in 2015
- ✓ Duration of projects: maximum 4 years
- ✓ Minimum eligibility condition: **participants in 3 different countries** (at least 2 MS/AC)
- ✓ Partnership agreement recommended
- ✓ Support to **secondments of staff members (1-12 months)**
- ✓ No 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

RISE – Exchanges



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MS/AC

MS/AC

TC

Academia

Academia

Academia

Non-academia

Non-academia

Non-academia

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Award criteria: RISE



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Excellence	Impact	Implementation
<p>Quality, innovative aspects and credibility of the research (including inter/multidisciplinary aspects)</p>	<p>Enhancing research- and innovation-related human resources, skills and working conditions to realise the potential of individuals and to provide new career perspectives</p>	<p>Overall coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources</p>
<p>Clarity and quality of knowledge sharing among the participants in light of the research and innovation objectives.</p>	<p>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</p>	<p>Appropriateness of the management structures and procedures, including quality management and risk management</p>
<p>Quality of the interaction between the participating organisations</p>	<p>Effectiveness of the proposed measures for communication and results dissemination</p>	<p>Appropriateness of the institutional environment (infrastructure)</p>
		<p>Competences, experience and complementarity of the participating organisations and institutional commitment</p>

COFUND



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

COFUND



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- ✓ 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**

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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



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



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

EU contribution – eligibility



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Categories of eligible costs	Costs of researchers/seconded staff member (1)				Institutional costs (2)	
	Living allowance (a)	Mobility allowance (b)	Family allowance (c)	Top-up allowance (d)	Research, training and networking costs (a)	Management and indirect costs (b)
Marie Skłodowska-Curie action						
ITN	Unit cost per person/month	Unit cost per person/month	Unit cost per person/month	Ineligible	Unit cost per person/month	Unit cost per person/month
IF	Unit cost per person/month	Unit cost per person/month	Unit cost per person/month	Ineligible	Unit cost per person/month	Unit cost per person/month
RISE	Ineligible	Ineligible	Ineligible	Unit cost per person/month	Unit cost per person/month	Unit cost per person/month
COFUND	Unit cost per person/month (one for early-stage researchers and one for experienced researchers)	Ineligible	Ineligible	Ineligible	Ineligible	Unit cost per person/month (indirect costs not covered)

EU contribution – amounts



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Categories of eligible costs	Costs of researchers/seconded staff member PER MONTH				Institutional costs PER MONTH	
	Living allowance (a)	Mobility allowance (b)	Family allowance (c)	Top-up allowance (d)	Research, training and networking costs (a)	Management and indirect costs (b)
Marie Skłodowska-Curie action						
ITN (100%)	3 110	600	500	--	1 800	1 200
IF (100%)	4 650	600	500	--	800	650
RISE (100%)	--	--	--	2 000	1 800	700
COFUND (50%)	ESR: 3 710 ER: 5 250	--	--	--	--	650

The Living allowance is indexed by the relevant CC

COFUND – EU contribution

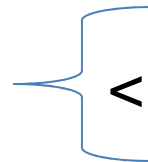


50% of unit cost

- ✓ 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

NIGHT



In 2013 > 1 million people participated

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

Non call-based activities



- ✓ Expert evaluators: > € 20 million (2014 and 2015 budgets)
- ✓ NCP call (1.5M Eur – single proposal expected)
- ✓ EU Presidencies events (Italy and Luxembourg)
- ✓ Studies: dual careers, career restart, industrial doctorates, outreach activities – benchmark for NIGHT
- ✓ MSCA Alumni services (> € 1 million (2014 and 2015 budgets))
- ✓ Dissemination and communication – horizontal activities for H2020

Call deadlines 2014



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Call ID	Call Opens	Call Deadline	Budget (Mio EUR)
H2020-MSCA-ITN-2014	11-12-2013	09-04-2014	405.18
H2020-MSCA-IF-2014	12-03-2014	11-09-2014	240.50
H2020-MSCA-RISE-2014	11-12-2013	24-04-2014	70.00
H2020-MSCA-COFUND-2014	10-04-2014	02-10-2014	80.00
H2020-MSCA-NIGHT-2014	11-12-2013	04-03-2014	8.00
H2020-MSCA-NCP-2014	11-12-2013	02-04-2014	1.50

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Call deadlines 2015 Proposed Planning



(subject to Budgetary Decision)

Call ID	Call Opens	Call Deadline	Budget (Mio EUR)
H2020-MSCA-ITN-2015	02-09-2014	13-01-2015	370.00
H2020-MSCA-IF-2015	12-03-2015	10-09-2015	213.00
H2020-MSCA-RISE-2015	06-01-2015	28-04-2015	80.00
H2020-MSCA-COFUND-2015	14-04-2015	01-10-2015	80.00



For the Administrators

Link to the OJ: <http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2013:347:SOM:EN:HTML>

The Horizon 2020 FP Regulation: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2013:347:0104:0173:EN:PDF>

The Rules for Participation: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2013:347:0081:0103:EN:PDF>

The Specific Programme: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2013:347:0965:1041:EN:PDF>

The Commission declarations are included in the "C" part of the OJ:
<http://eur-lex.europa.eu/JOHtml.do?uri=OJ:C:2013:373:SOM:EN:HTML>



More information about MSCA funding

at the Participant Portal

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

http://ec.europa.eu/research/participants/portal/doc/call/h2020/common/1587755-03_msca_calls_wp2014-2015_en.pdf

HELP via NCPs and your local European Office

The Research Enquiry Service and FAQs:

<http://ec.europa.eu/research/index.cfm?pg=enquiries>

Tak og held og lykke

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