



# HORIZON 2020

First calls for proposals – 11 December 2013



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Research & Innovation



# Work Programme 2014-2015

Funding for calls - > € 15 billion

**In 2014: Excellent Science Pillar: ~ € 3 billion**

- **European Research Council** (4 calls) € 1 662 million
- **Marie Skłodowska-Curie actions** (6 calls) € 800 million
- **Future and Emerging Technologies (FET)** (4 calls) € 200 million
- **European Research Infrastructures (including e-Infrastructures)**  
(4 calls) € 277 million

# Work Programme 2014-2015

Funding for calls - > € 15 billion

**In 2014: Industrial Leadership Pillar: ~ € 1.8 billion**  
Leadership in Enabling and Industrial Technologies (LEITs)

- **Information and Communication Technologies (ICT)**  
(2 calls) € 700 million
- **Nanotechnologies, Advanced Materials, Biotechnology and Production** (5 calls) € 500 million
- **Space** (5 calls) € 128 million
- **Access to Risk Finance (financial instruments)** (2 calls) € 5 million  
(€ 295 million NOT in calls)
- **Innovation in small and medium-sized enterprises** (1 call)  
€ 10 million
- **SME Instrument** € 251 million

# Work Programme 2014-2015

## Funding for calls - > € 15 billion

### In 2014: Societal Challenges Pillar: ~ € 2.8 billion

- **Health, demographic change and wellbeing** (2 calls) € 600 million
- **Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy** (3 calls) € 300 million
- **Secure, clean and efficient energy** (4 calls) € 600 million
- **Smart, green and integrated transport** (3 calls) € 540 million
- **Climate action, environment, resource efficiency and raw materials** (3 calls) € 300 million
- **Europe in a changing world – inclusive, innovative and reflective societies** (5 calls) € 112 million
- **Secure Societies** (4 calls) € 200 million

### In addition

- **Spreading Excellence and Widening Participation** (3 calls) € 50 million
- **Science with and for Society** (4 calls) € 45 million

# Calls in 2014: Excellence science

**European Research Council (4 calls) € 1 662 million**

## **ERC Consolidator Grant:**

- Support to excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. This action is open to researchers of any nationality who intend to conduct their research activity in any Member State or Associated Country.
- Domains: Physical Sciences & Engineering, Life Sciences, Social Sciences & Humanities
- **Deadline: 20 May 2014**
- **Budget: €712,588,727**

## **ERC Proof of concept Grant:**

- To maximise the value of the excellent research that the ERC funds, by funding further work (i.e. activities which were not scheduled to be funded by the original ERC frontier research grant) to verify the innovation potential of ideas arising from ERC funded projects. Proof of Concept Grants are therefore on offer only to Principal Investigators whose proposals draw substantially on their ERC funded research.
- **Deadline: Intermediate: 1 April 2014 and final: 1 October 2014**
- **Budget: €15,000,000**

# Calls in 2014: Excellence science

**European Research Council (4 calls) € 1 662 million**

## ERC Starter Grant:

- Support excellent Principal Investigators at the career stage at which they are starting their own independent research team or programme. This action is open to researchers of any nationality who intend to conduct their research activity in any Member State or Associated Country.
- Domains: Physical Sciences & Engineering, Life Sciences, Social Sciences & Humanities
- **Deadline: 25 March 2014**
- **Budget: €485,039,385**

## ERC Avanced Grant:

- For senior research leaders with significant research achievements in the last 10 years
- **Publication date: 17 June 2014**
- **Deadline: 21 October 2014**
- **Budget: €450,000,000**

# MCA Features



## Research & Training

developing the skills, experience, and  
employees need to perform  
improve their performance  
skills, and abilities, specific

Excellence

Research

Training

Careers



Mobility



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Education  
and Culture





# MSCA: 4 Actions



## Innovative Training Networks

ITN



Action 1 **ITN**  
Early-stage  
Researchers

Support for doctoral and early-stage training  
**European Training Networks, European Industrial  
Doctorates, European Joint Doctorates**

IEF



IOF



IIF



CIG



Action 2 **IF**  
Experienced  
Researchers

### Individual Fellowships

Support for experienced researchers undertaking international and inter-sector mobility: **European Fellowships** and **Global Fellowships**  
Dedicated support for **career restart** and **reintegration**

IAPP



IRSES



Action 3 **RISE**  
Exchange of  
Staff

### Research and Innovation Staff Exchange

International and inter-sector cooperation through the exchange of staff

COFUND

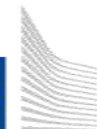
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Action 4  
**COFUND**

### Co-funding of regional, national and international programmes

- Doctoral programmes
- Fellowship programmes



European  
Commission



## MSCA - main EU programme for structured doctoral training



- ✓ Dedicated to early-stage researchers (no ER recruitment)
- ✓ Involving wide partnership of institutions from academic and non-academic sectors
- ✓ Based on FP7 ITN and EMJD experience
- ✓ Addressing triple 'i' dimension of mobility
- ✓ Combining scientific excellence with innovation-oriented approach
- ✓ Developing entrepreneurship and skills matching research labour market needs
- ✓ Enhancing employability of researchers
- ✓ Proposing innovative ways of doctoral training, such as industrial doctorates or joint doctorates

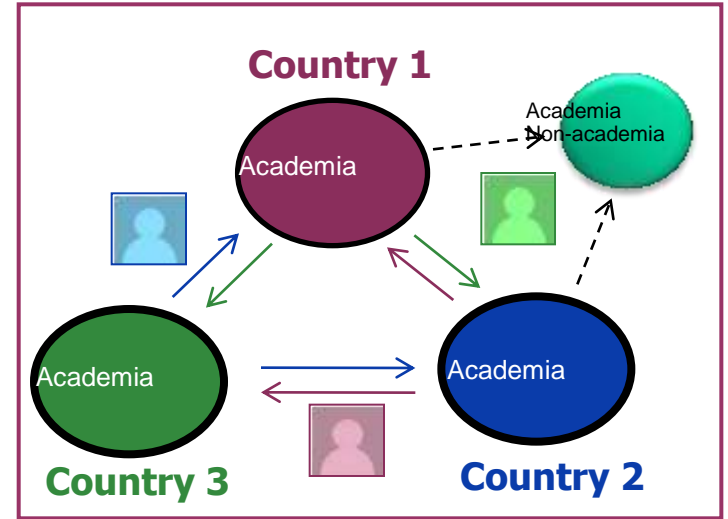
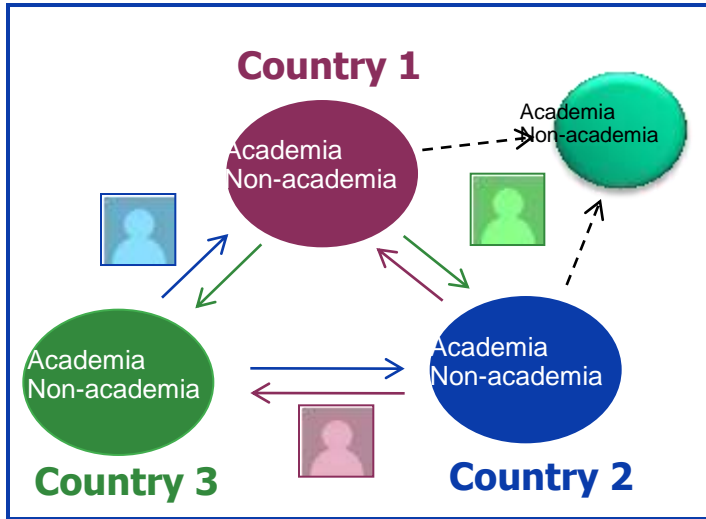


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# ITN - consortia



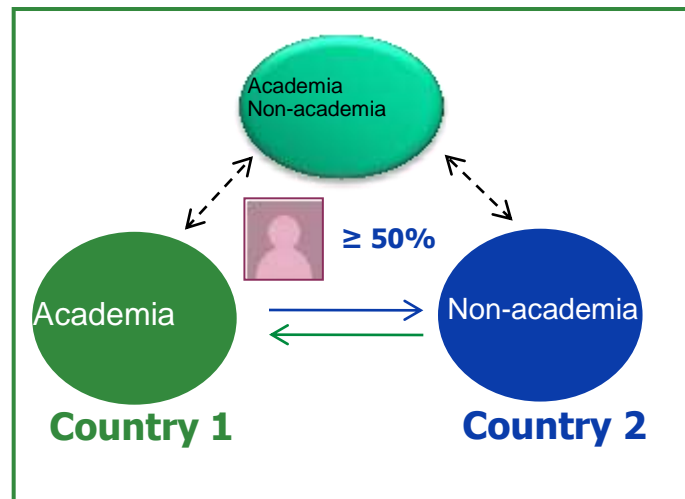
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European Training Networks

European Joint Doctorates

European Industrial Doctorates



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## ITN – Main features



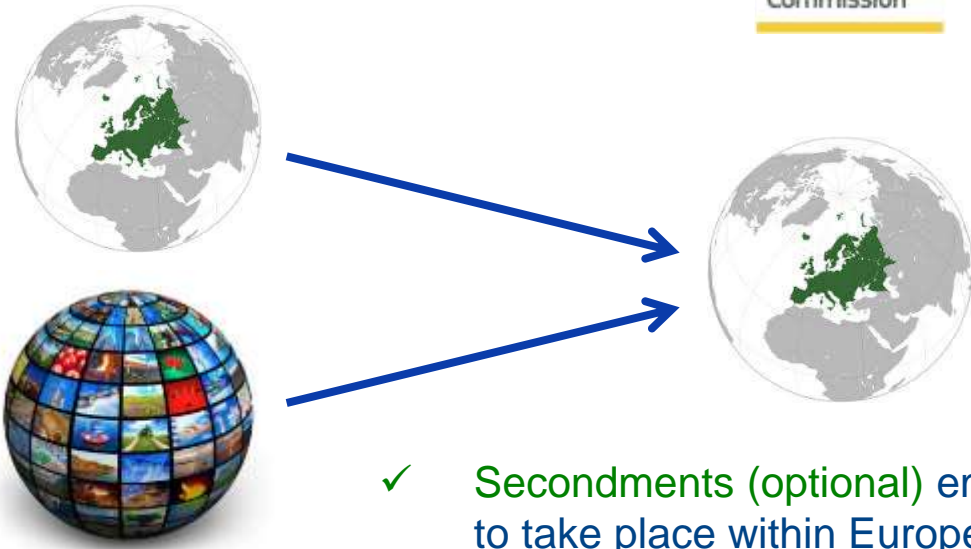
- ✓ Duration of projects: max. 4 years
- ✓ Consortium agreement: required only for EID
- ✓ Support to **early-stage researchers only**
- ✓ Fellowships of 3-36 months
- ✓ Maximum **540 researcher-months** per consortium (180 for EID with 2 partners)
- ✓ **Separate multidisciplinary panels for EID & EJD**

# Individual Fellowships (IF)



- ✓ Opportunities for **international and inter-sector mobility** of **experienced researchers** to facilitate career moves
- ✓ Enhance competences and creative **potential of best researchers**, European and non-European willing to work in the EU
- ✓ Encompass **all types of mobility**: intra-European, incoming, outgoing, return and re-integration
- ✓ **Career Restart Panel** to resume a research career after a break
- ✓ **Reintegration Panel** to reintegrate researchers in Europe



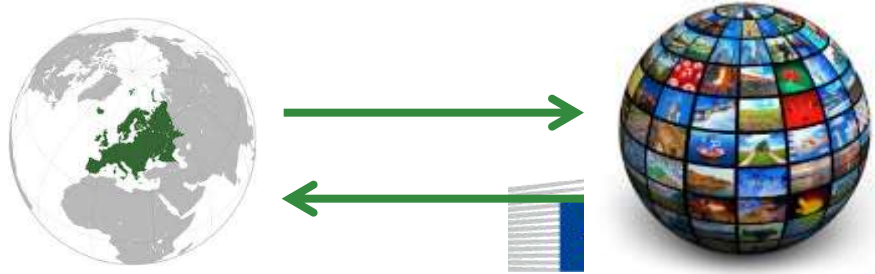


**European Fellowships**



- ✓ **Secondments (optional)** embedded in the career development to take place within Europe (3 or 6 months included in total duration)
- ✓ Special focus on **inter-sector** collaboration

**Global Fellowships**



**Education and Culture**

## IF – Main features



- ✓ Duration of projects: 2 years (IF Global: 3 years)
- ✓ Support to **experienced researchers of any nationality** (IF Global: nationals of EU MS/AC & long-term residents)
- ✓ Focus on **career development**, not necessarily experience
- ✓ Additional 3 or **6 month secondment option**, within Europe & in another sector
- ✓ Separate multidisciplinary panels for **CAR & Reintegration**

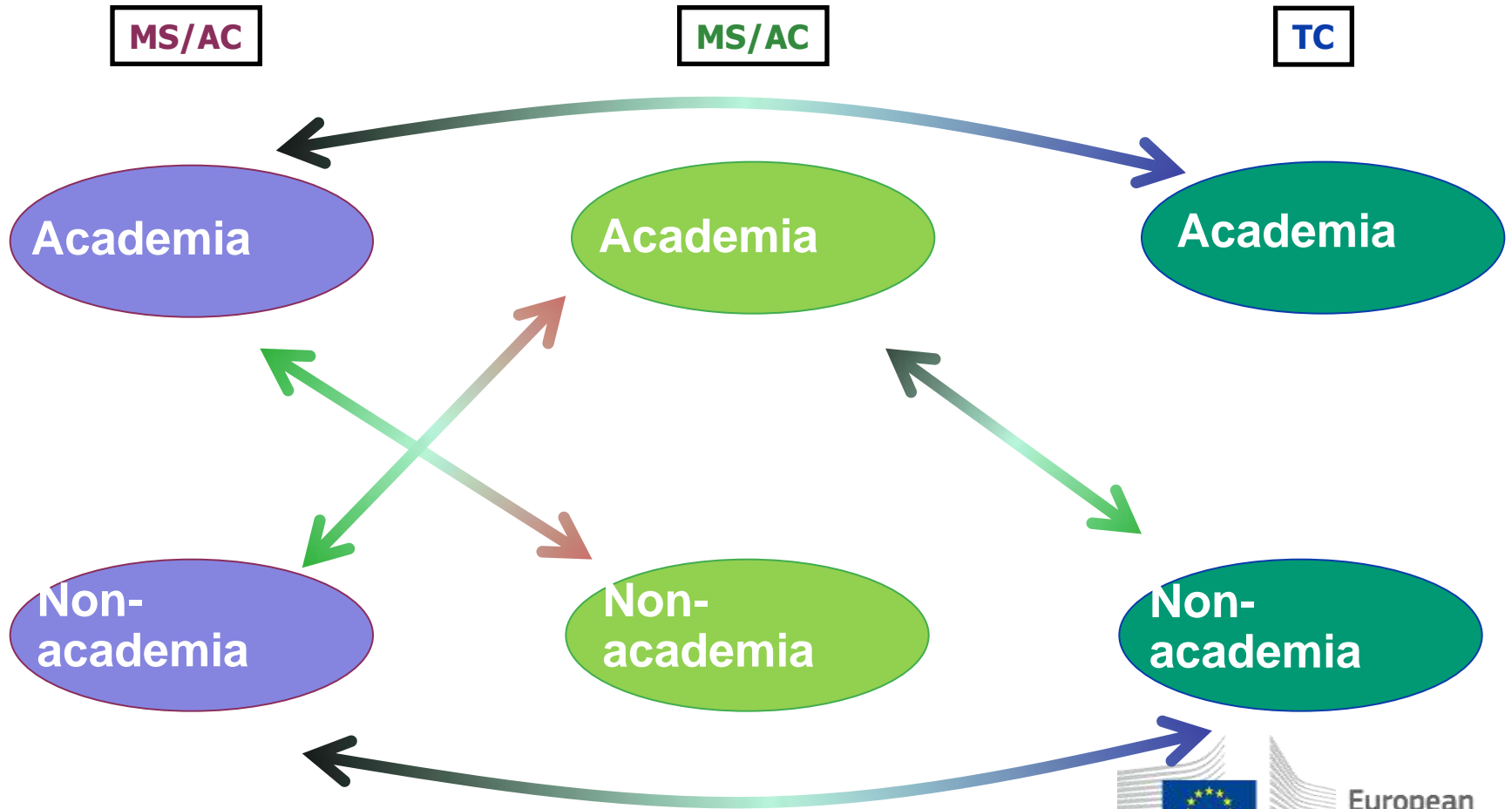
# Research and Innovation Staff Exchange (RISE)



- ✓ New type of exchange of staff action to stimulate **transfer of knowledge** and sharing of ideas
- ✓ Flexible inter-sector and international exchanges of **highly skilled research and innovation staff**
- ✓ Based on a **common research and innovation project**
- ✓ **Secondments only**, no recruitment foreseen
- ✓ Exchanges between institutions within Europe cover only **inter-sector** secondments
- ✓ Exchanges with institutions from **outside Europe** can be both inter-sector and within the same sector
- ✓ No support for secondments between institutions located outside Europe



# RISE – Exchanges



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Education and Culture



## RISE – Main features



- ✓ Duration of projects: max. 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 members: **6 months at sending institution** prior to first secondment
- ✓ Max. **540 researcher-months** /consortium

✓ **8 Evaluation panels**

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## Funds and calls

- ✓ EU contribution based on **unit costs** calculated on the basis of the **researcher-months**
- ✓ Allowances for the researcher (living, mobility and family allowance)
- ✓ Unit costs for research, training and networking
- ✓ Unit costs for management and overheads

### Calls:

- ✓ Application through the **Participant Portal**
- ✓ National Contact Points to help with application

# EU Contribution: rates



Categories of eligible costs	Costs of researchers / seconded staff member				Institutional costs	
	Living allowance*	Mobility allowance	Family allowance	Top-up allowance	Research, training and networking costs	Management and indirect costs
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

\* A country correction coefficient applies to the living allowance. This coefficient is the one applicable to the country of the researcher's host organisation.

# Call deadlines 2014



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

# Call deadlines 2015



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

# 2014 calls published on Participant Portal

- **Single entry point**  
from calls to electronic submission of proposals
- **New tools for smart searches for the benefit of users,**  
including newcomers to the programme.
- <http://ec.europa.eu/research/participants/portal>



# Evaluation criteria

## STANDARD AWARD CRITERIA

EXCELLENCE

IMPACT

QUALITY &  
EFFICIENCY  
OF THE ACTION

- ✓ **ERC** frontier Research actions ➔ only EXCELLENCE
- ✓ Innovation actions ➔ higher weighting for "IMPACT"

Proposal evaluated by the experts “as it is”  
and not as “what could be” = no need for negotiation



# Preparing for the first calls

- Participate in information workshops !
- Study the work programmes
- Get involved if you see an opportunity that fits your strategy
- Find partners rapidly, but chose them carefully
- Create/develop your profile (capacities, achievements, ...)
- Participation in a FP project involves some reporting duties  
– these need to be properly planned & resourced.
- Use support structures:  
ie National Contact Points (NCPs) if available;  
(if support is not available, ask for some...)

# First calls are published

- **First calls for proposals published 11 December 2013**
  - > Total funding € 15 billion over two years (2014-2015)
- **First deadlines for submission from March 2014 onwards**
  
- **Obtain and analyse calls texts asap**
- **Develop and maintain your international contacts**
- **Be proactive !**

# Sources of information

- **Horizon 2020 web site:** <http://ec.europa.eu/research/horizon2020>
- **Participant portal:** <http://ec.europa.eu/research/participants/portal>
- **Google, LinkedIn...** & specialised databases (eg: [Healthcompetence.eu](http://Healthcompetence.eu))
- **Horizon 2020 information events in Europe:**  
[http://ec.europa.eu/research/horizon2020/index\\_en.cfm?pg=h2020-events](http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=h2020-events)
- **Horizon 2020 information events in Africa:**
  - South Africa – 7 October 2013
  - Ghana – 4 November 2013
  - Burkina Faso - 6 November 2013
  - Ethiopia – 5 December 2013
  - Cameroon – 11 December 2013
  - Nigeria – 12-13 December
  - Tanzania – 20 January 2014
  - Kenya – 21 January 2014
  - Uganda – 22 January 2014
  - Malawi – 24 January 2014
  - South Africa – 27-31 January 2014



# HORIZON 2020

**Thank you  
for your attention!**

**Find out more:**

[www.ec.europa/research/horizon2020](http://www.ec.europa/research/horizon2020)