



European Industrial Doctorates in

Marie Skłodowska-Curie Actions

Policy Objectives

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European Commission, DG EAC.C3

Research careers; Marie Skłodowska-Curie actions

Company-based research

International conference in Bergamo, 27 September 2014



- Responding to the economic crisis to invest in future jobs and growth
- Addressing people's concerns about their livelihoods, safety and environment
- Strengthening the EU's global position in research, innovation and technology



- Contribution to high-quality innovative doctoral training (capacity building, structuring effect)
- Triggering cooperation between organisations from the academic and non-academic sector
- Enhancing researchers' employability with new career perspectives
- Making Europe an attractive place for researchers from all over the world
- Raise the attractiveness of research careers and encourage young people to embark on this career path

Key features



- **Mobility** of researchers from **all over the world**
- Focus on **training** and **career development** of researchers
- Participation of **non-academic sector** strongly encouraged, especially industry and SMEs
- For researchers at **every stage** of their career
- Coverage for all domains of research (**bottom-up approach**)
- promotion of **attractive working and employment conditions** (financing rate of 100%)



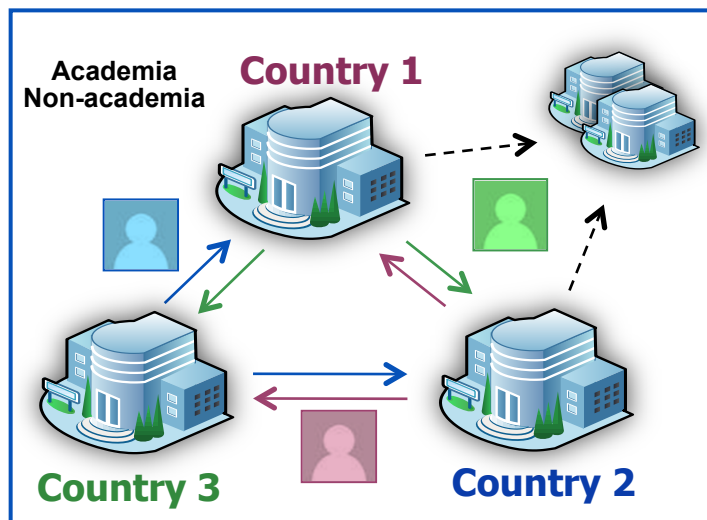
MSCA in H2020



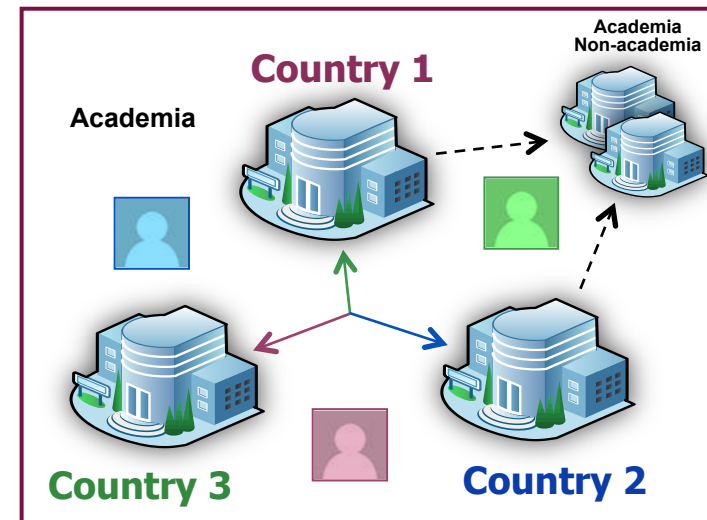
ITN Innovative Training Networks	Doctoral and initial training of researchers proposed by international networks of organisations from public and private sectors
IF Individual Fellowships	Individual fellowships for most promising experienced researchers to develop their skills through international or inter-sector mobility
RISE Research and Innovation Staff Exchange	International and inter-sector cooperation through the exchange of research and innovation staff
COFUND	Co-funding of regional, national and international programmes covering actions 1, 2 and 3



- **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

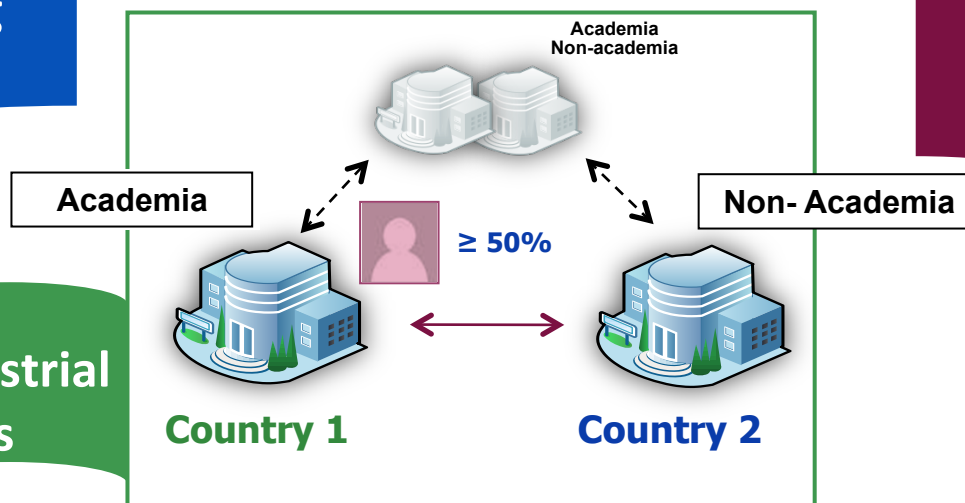


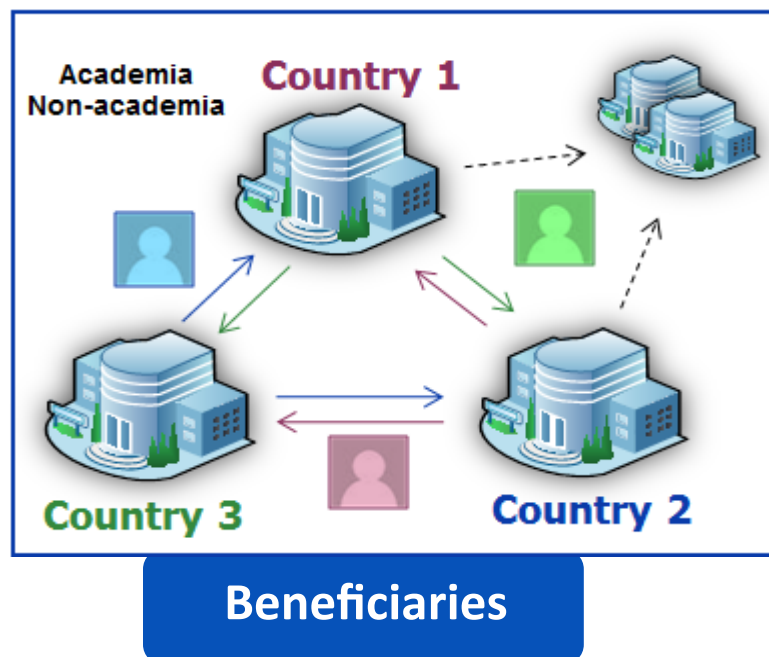
**European Training
Networks**



**European
Joint
Doctorates**

**European Industrial
Doctorates**





PARTNER ORGANISATIONS



- Training
- Hosting during secondments
- No recruitment

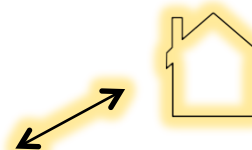
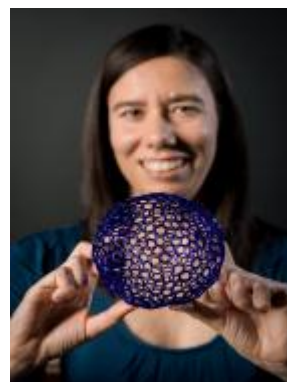
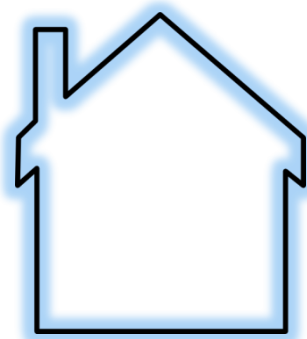
ITN unit costs



	Researcher unit cos (person/month)			Institutional unit cost (person/month)	
Category of costs	Living allowance (country correction coefficient)	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
Units	3 110	600	500	1 800	1 200

- **Budget:** € 240.50 Million in 2014 (Global Fellowships: 29 Mio)
€ 213 Million in 2015 (Global Fellowships: 27 Mio)
- **Duration** of projects: 2 years (**Global Fellowship:** 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

IF



IF unit costs

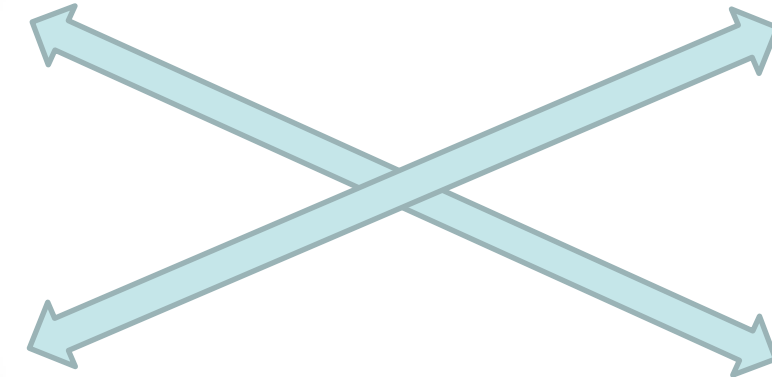
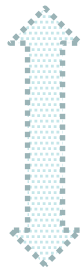


	Researcher unit cos (person/month)			Institutional unit cost (person/month)	
Category of costs	Living allowance (country correction coefficient)	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
Units	4 650	600	500	800	650



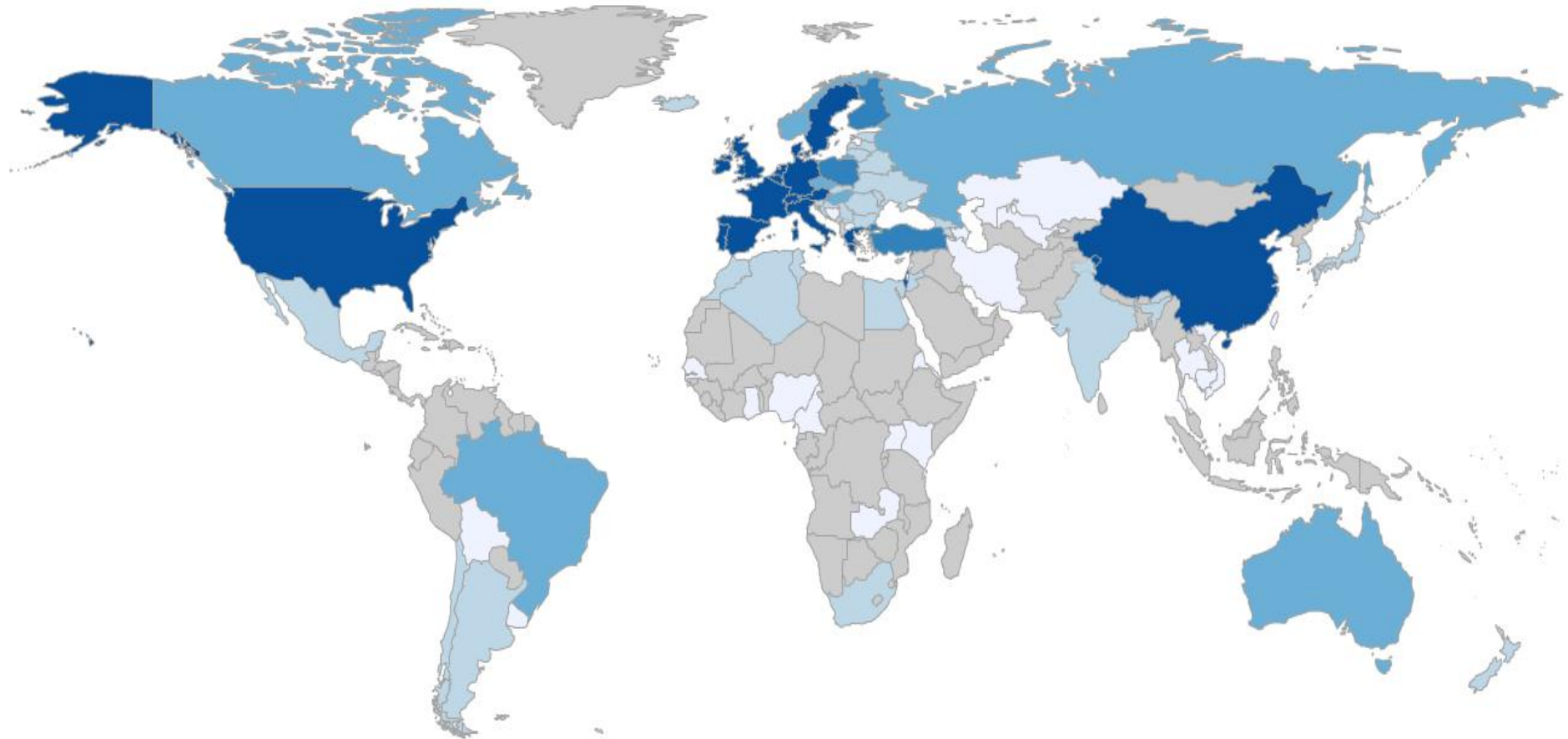
- **Budget:** € 70 Million in 2014; € 80 Million in 2015
- **Duration of projects:** maximum **4 years**
- **Minimum eligibility condition:** **participants** in **3** different countries (at least 2 MS/AC)
- **Partnership agreement** recommended
- **Support to secondments of staff members** (**1-12 months**)
- **Eligibility condition for staff member:** 6 month at the sending institution prior to the first secondment
- **Researchers as well as administrative, managerial and technical staff supporting the research and innovation activities**
- **Maximum 540 researcher-months per consortium**

RISE



Education and
culture

Institutions in MSCA



RISE unit costs



RISE	Staff member unit cost (person/month)	Institutional unit cost (person/month)	
		Research, training and networking costs	Management and indirect costs
Unit	2000	1 800	700



- **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**
- Fellowships: minimum **3 months**
- EU contribution to cover **living allowances** for researchers and **management costs**
- **Minimum** living allowance fixed in the WP
- **50%** co-funding for established unit costs

- Mono-beneficiary
- Legal entities (public and private) established in MS or AC and international European interest organisations



**Doctoral Programmes
(Early-Stage Researchers)**



**Fellowship Programmes
(Experienced Researchers)**

COFUND	EU contribution to staff member unit cost (person/month)	EU contribution to institutional unit cost (person/month)
ESR	1855	325
ER	2625	

Calls



ITN	11/12/2013 – 09/04/2014 02/09/2014 – 13/01/2015
IF	12/03/2014 – 11/09/2014 12/03/2015 – 10/09/2015
RISE	11/12/2013 – 24/04/2014 06/01/2015 – 28/04/2015
COFUND	10/04/2014 – 02/10/2014 14/04/2015 – 01/10/2015

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Early Stage Researcher (PhD student) - ITN "Future Atomic Clock Technology" [Job](#)

here is a vacancy for a Marie-Curie Early Stage Researcher within the EU Initial Training Network project Future Atomic Clock Technology (FACT) co-ordinated by the University of Birmingham, to undertake [...]

07/05/2014 - 09:21 | **Country:** Italy | **Organisation:** INRIM - ISTITUTO NAZIONALE RICERCA METROLOGICA | **Research field:** Physics | **Application deadline:** 08/09/2014 | **Nr. of offers:** 1



PhD position on the quantification and upscaling of reactive transport in heterogeneous porous media using particle-based methods and kinetic Monte-Carlo approaches [Job](#)

This thesis project forms part of the research program on Mixing in heterogeneous media across spatial and temporal scales: From local non-equilibrium to anomalous chemical transport and dynamic uncertainty, funded [...]

06/05/2014 - 10:46 | **Country:** Spain | **Organisation:** ICMA - INSTITUTO DE CIENCIAS DE MATERIALES | **Research field:** Chemistry

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**Thank you
and
good luck!**

Przemyslaw.JANKOWSKI@ec.europa.eu