European
Commission

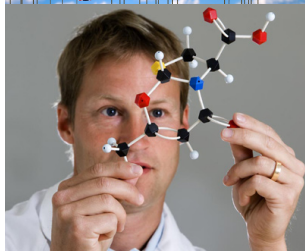# Marie Curie Actions
FP7 & Horizon 2020

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European Commission
Directorate-General for Education and Culture
Marie Curie Actions Unit

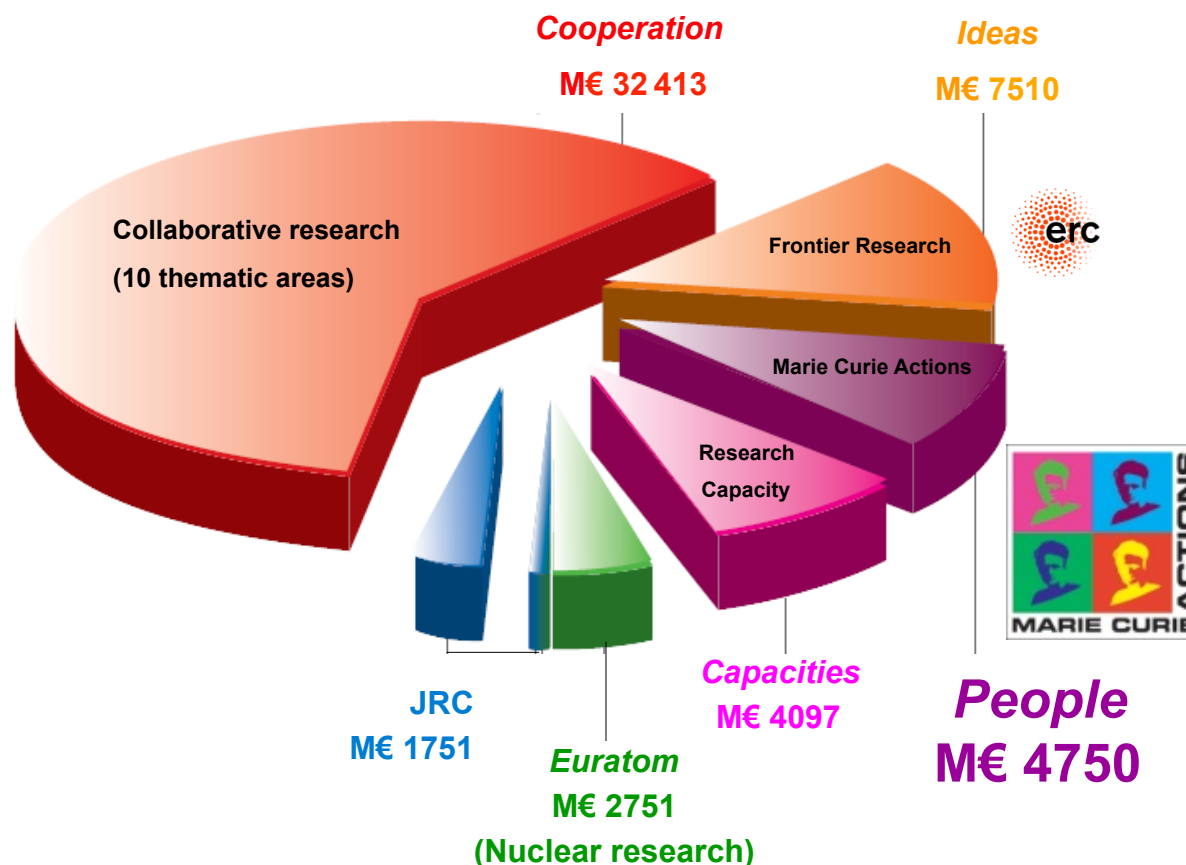## Marie Curie Basics

- **Marie Curie Actions part of People Programme of 7th Framework Programme**

- **Support mobility, training & career development of researchers of all nationalities**

- **Fund all the domains of research (bottom-up approach), 100% financing rate**

- **Applications done through calls for proposals**

- **Proposals evaluation done by independent experts**

Funds

Where does the money come from?

7th Framework Programme for research and technological development (FP7)

Total FP7 budget
2007 − 2013
=
€ 50 521 million

Cooperation
M€ 32 413

Ideas
M€ 7510

Collaborative research
(10 thematic areas)

Frontier Research

erc

Marie Curie Actions

Research Capacity

JRC
M€ 1751

Euratom
M€ 2751
(Nuclear research)

Capacities
M€ 4097

People
M€ 4750
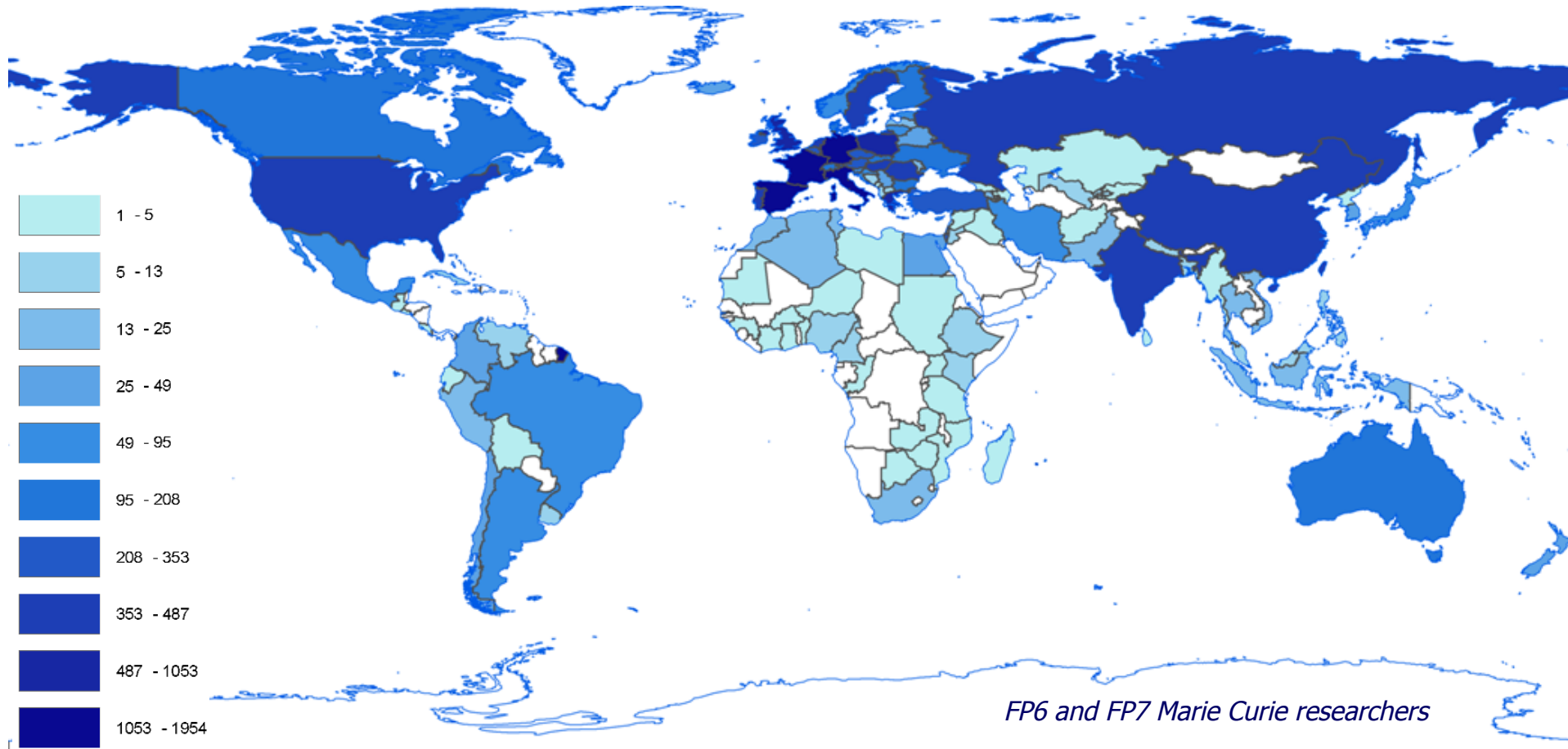
MARIE CURIE ACTIONS

Achievements

- **Around 60.000 researchers financed since the creation of Marie Curie Actions**

- **More than 10.000 PhD supported in FP7**

- **38% of women among FP7 MCA fellows**

- **SMEs play a major role, accounting for >50% of all businesses participating in IAPP and ITN**

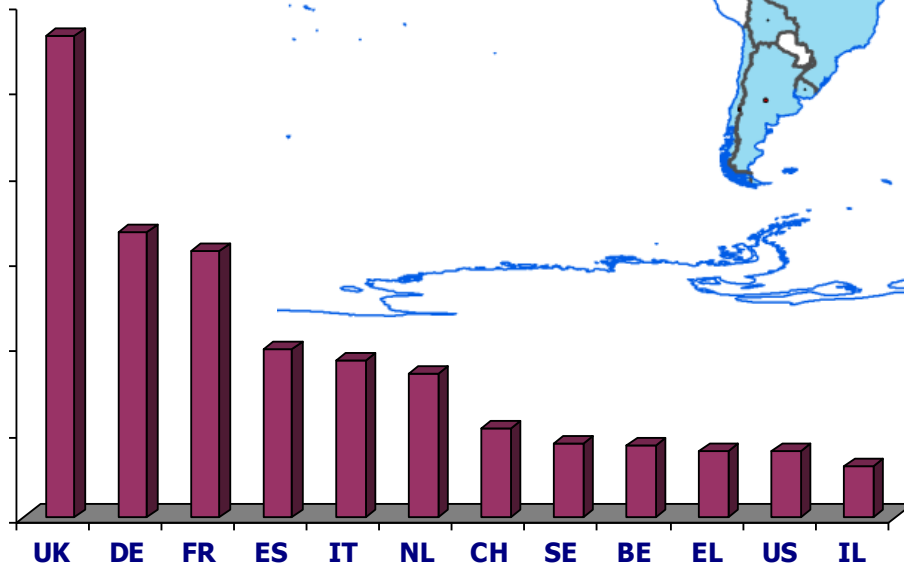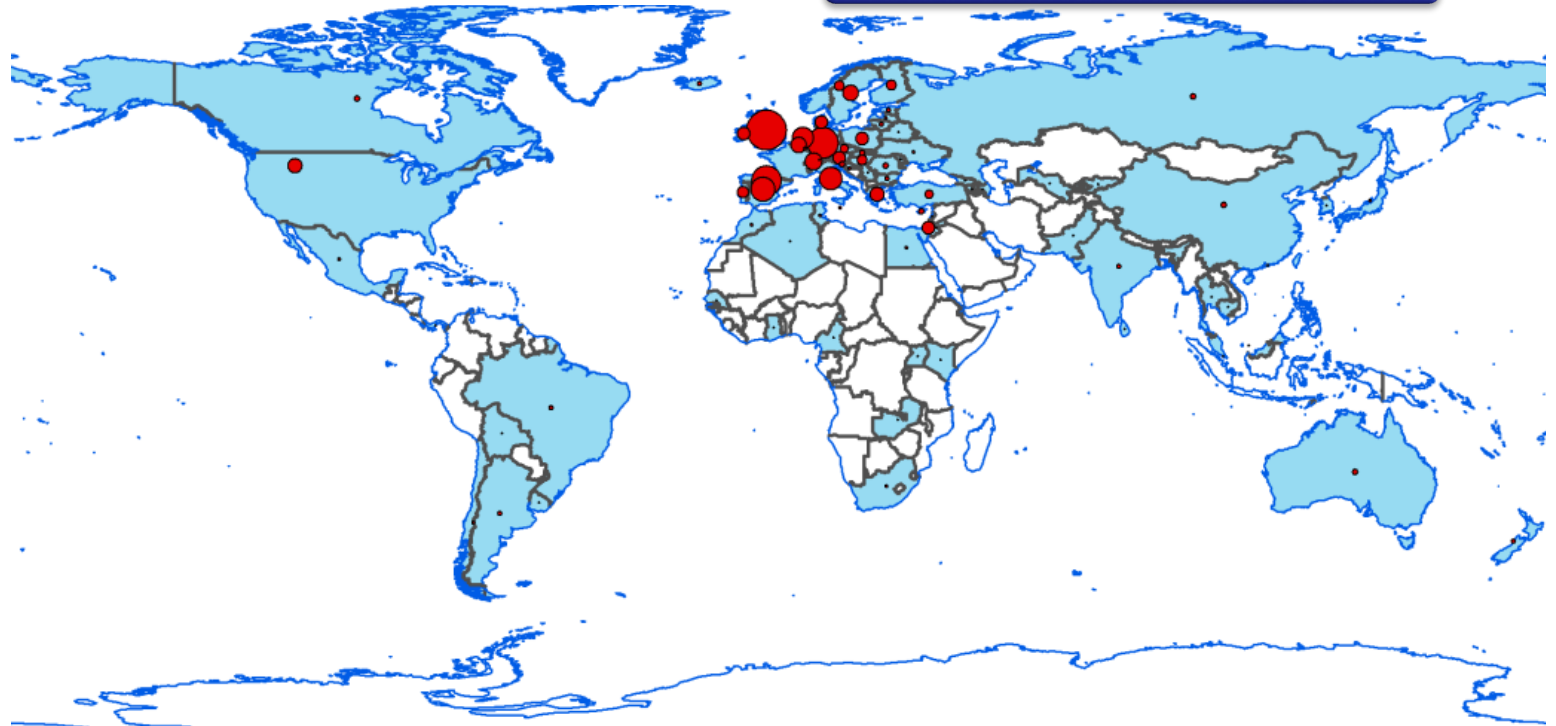- **50-60% of the budget dedicated to research on societal challenges**

Marie Curie researchers coming from all over the world (around 130 nationalities)

	1 - 5
	5 - 13
	13 - 25
	25 - 49
	49 - 95
	95 - 208
	208 - 353
	353 - 487
	487 - 1053
	1053 - 1954

FP6 and FP7 Marie Curie researchers

Achievements

Marie Curie host organisations in around 80 countries

12 MAIN DESTINATIONS

UK DE FR ES IT NL CH SE BE EL US IL

FP6 and FP7 Marie Curie host organisations

Participation of organisations & MC fellows from LAC
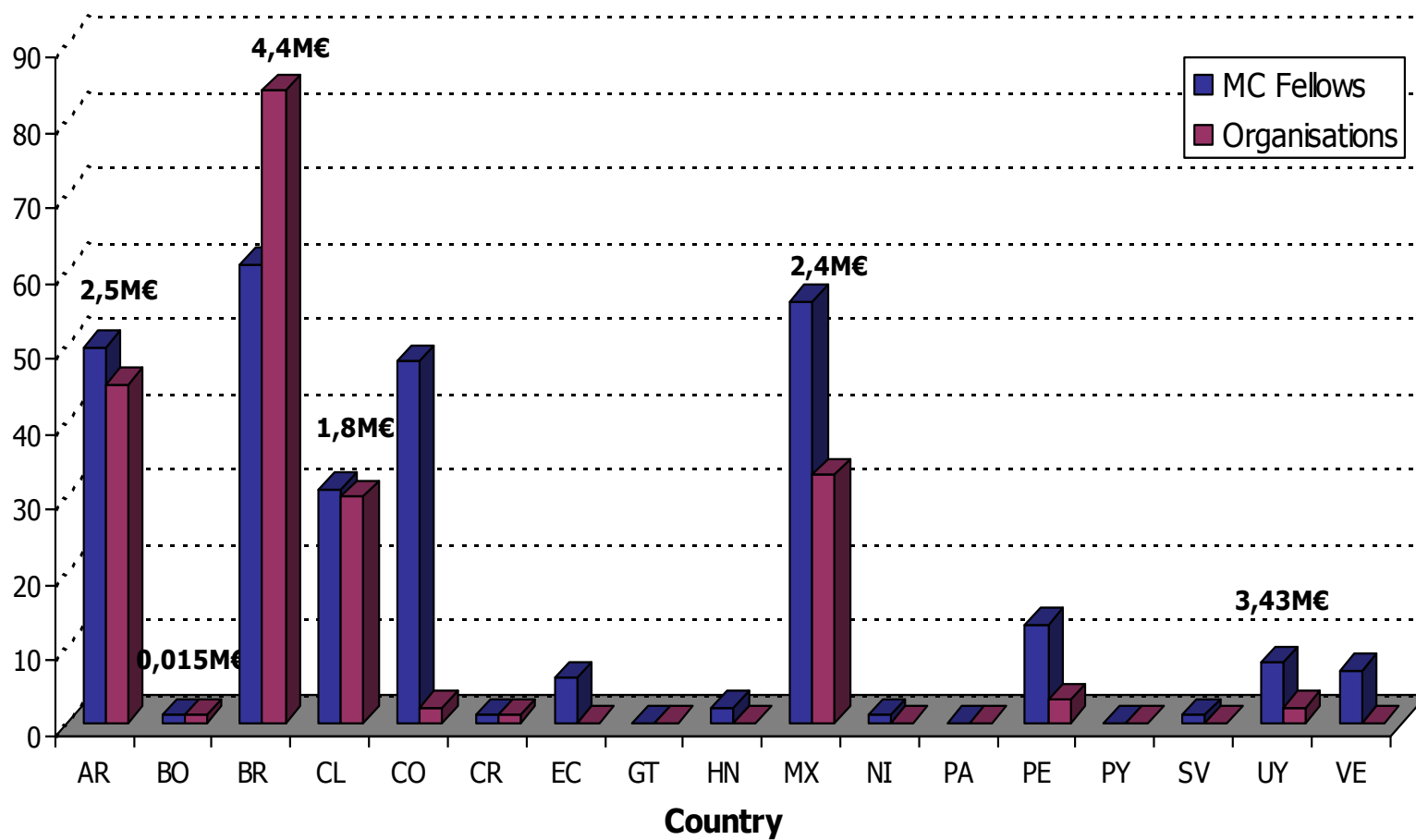
FP7

7th Framework Programme for Research

Marie Curie Action		Objective
Initial training of researchers *(1900 M€)*	**Initial Training Networks (ITN)**	**Improve career perspectives of early stage researchers (ESR) in both public & private sector**
Life-long training and career development *(1170–1400 M€)*	**Intra-European Fellowships (IEF)**	**Career development of experienced researchers (ER) (e.g. diversification of skills/competencies; integrate a stable position after mobility)**
	Career Integration Grants (CIG)	
	Co-funding of regional, national, international programmes (COFUND)	
Industry dimension *(250-450 M€)*	**Industry-Academia Partnerships and Pathways (IAPP)**	**Open and foster dynamic pathways between public research organisations and private research commercial enterprises**
International dimension *World fellowships (1170–1400 M€)*	**International Outgoing Fellowships (IOF)**	**Reinforce the extra-European dimension of the European Research Area (ERA) through mobility, training, knowledge transfer and cooperation**
	International Incoming Fellowships (IIF)	
	International Research Staff Exchange Scheme (IRSES)	

- **Institutions** located in LAC are eligible in the following actions:
  - **IRSES:** International Research Staff Exchange Scheme (LAC eligible for funding are: Argentina, Brazil, Chile and Mexico);
  - **ITN:** Initial Training Networks;
  - **IAPP:** Industry-Academia Partnership and Pathways;
  - **IOF:** International Outgoing Fellowships.

- **Researchers** from LAC and Caribbean islands are eligible in all above-mentioned actions (excluding IOF) and in the following actions:
  - **COFUND:** Co-funding of Regional, National and International Programmes;
  - **IIF:** International Incoming Fellowships;
  - **CIG:** Career Integration Grants.

Initial Training Networks
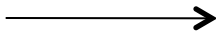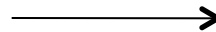
ITN

Multi-ITNs

Max 500 researcher months

Country 1

University or Industry

University or Industry

University or Industry

University or Industry

Country 3

Country 2

- At least **3 participants** from different countries + associated partners

- Short-term secondments of ESRs

- **3-36 months** for **ESR** // **3-24 months** for **ER** (limited amount)

Innovative Doctoral Programmes

Max 500 researcher months

Country 1

University or Research

University or Industry — Other country

University or Industry — Other discipline

Industry — Other sector
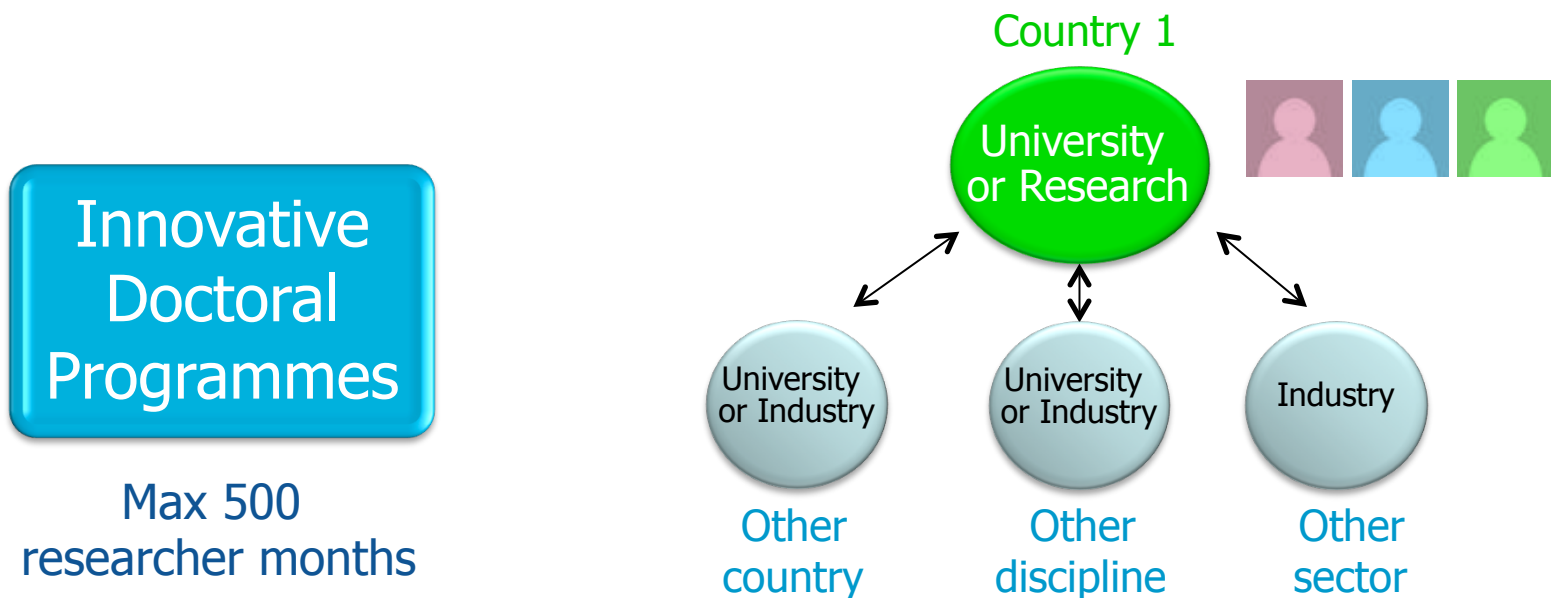
- **1 participant** + associated partners from different countries

- Innovative training programme addressing the triple "i" dimensions

- **3-36 months** for **ESR** (doctoral candidate)

European Industrial Doctorates

Max 180 researcher months
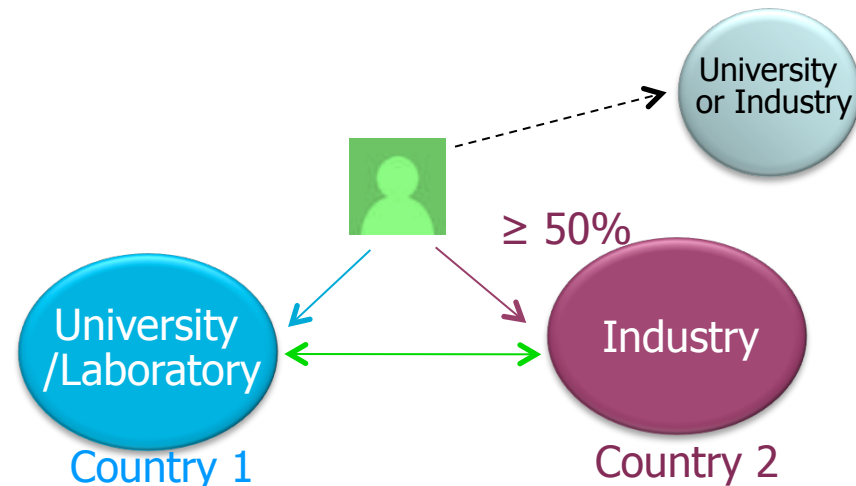
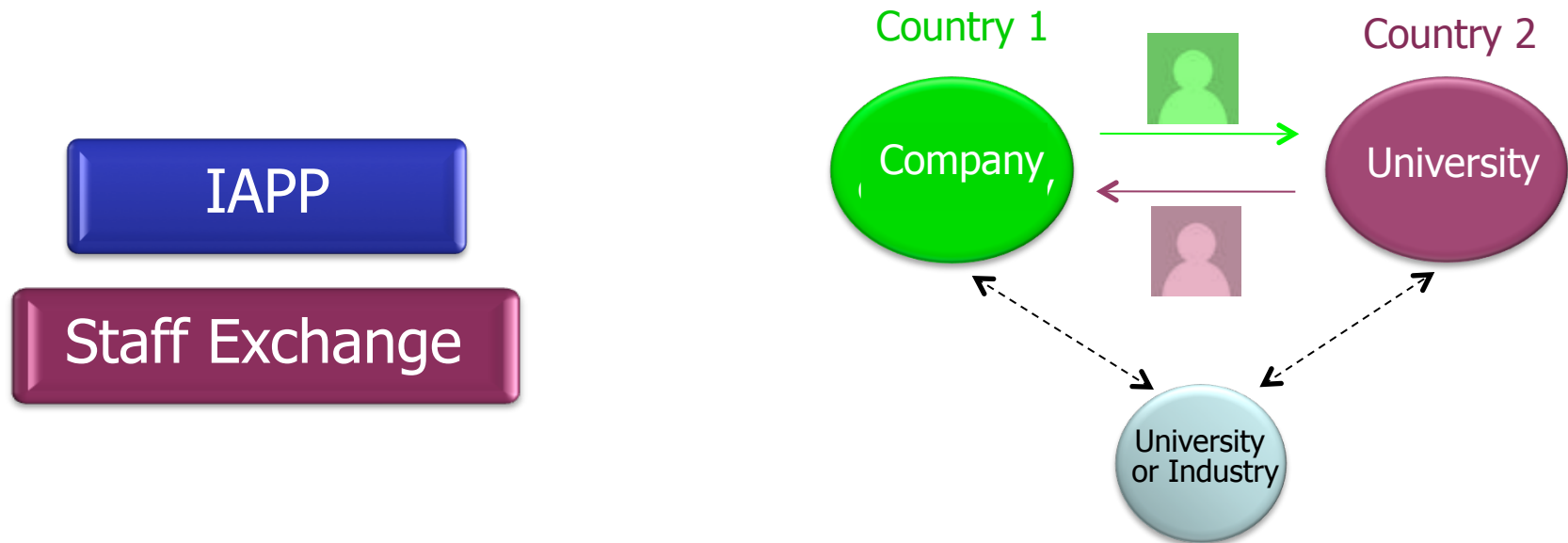- **2 participants** (1 from each sector) in different countries + possible associated partners

- The researchers must be employed by one of the participants, enrolled in a doctoral programme and spend at least 50% of the time in private sector

- **3-36 months** for **ESR** (doctoral candidate)

Industry-Academia Partnerships and Pathways

IAPP

IAPP

Staff Exchange

Country 1 — Company

Country 2 — University

University or Industry

- At least **2 participants** (1 from each sector) from different countries

- **Secondment** of **staff** (at least 1 year experience in the institution) to the partner institution (**2-24 months** for **ESR** / **ER** / **MER**).

- Possible to have intra-national, inter-sectoral mobility (maximum of 30%)

European Commission

Country 1

Country 2

IAPP

Optional Recruitment

Company

University
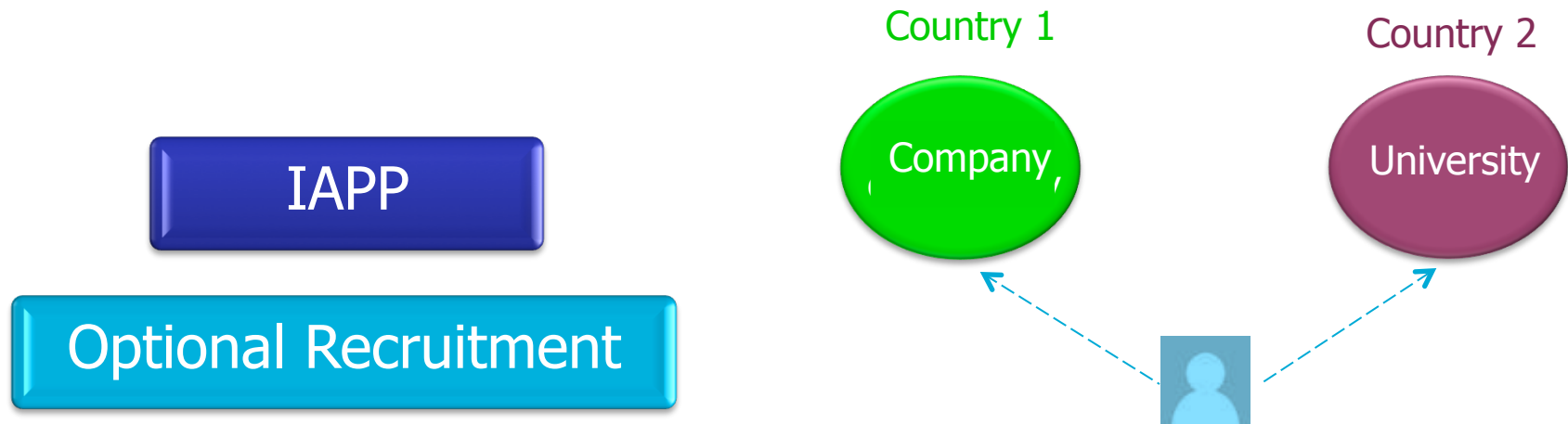
- The participants can recruit **experienced researchers** (**ER / MER**)

- Recruitments are allowed for a period of **12-24 months**

- Maximum 50% of the total

Individual Grants

IEF / IIF / IOF / CIG
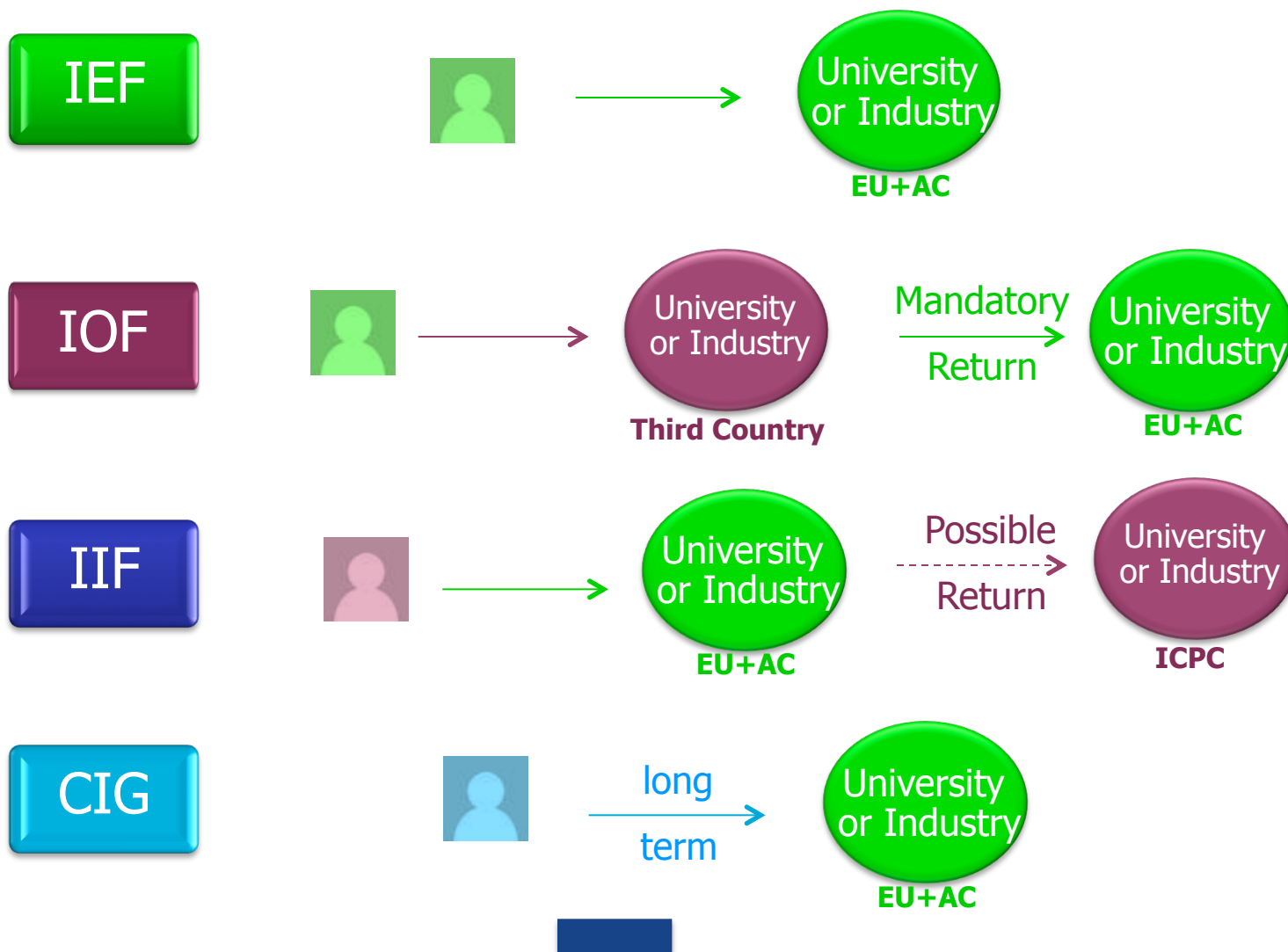
IEF
- **12-24 months** for **ER / MER**

IOF
- **12-24 months** for **ER / MER**
- **12 months** for mandatory return phase

IIF
- **12-24 months** for **ER / MER**
- **12 months** for ICPC return phase

CIG
- **12-48 months** for **ER / MER**

International Research Staff Exchange Scheme

IRSES

IRSES

EU+AC

University

University

EU+AC

University
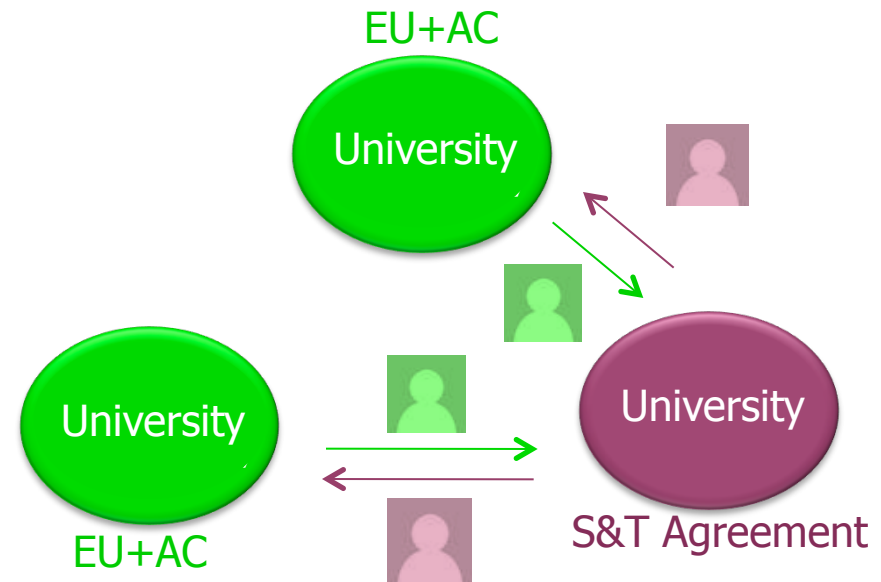
S&T Agreement

- At least **2 research organisations** from different EU/AC countries + **1 research organisation** from countries with an S&T agreement or of the European Neighbourhood Policy

- Short-term **secondments** of **staff**

- **Up to 12 months** per staff (**ESR / ER / MER**)

2013 Calls*

Action	Call ID	Call Opens	Call Deadline
ITN Initial Training Networks	FP7-PEOPLE-2013-ITN	10 July 2012	22 November 2012
COFUND Co-funding of Regional, National & International Programmes	FP7-PEOPLE-2013 - COFUND	10 July 2012	05 December 2012
NIGHT Researchers' Night	FP7-PEOPLE-2013-NIGHT	02 October 2012	08 January 2013
IAPP Industry –Academia Partnerships and Pathways	FP7-PEOPLE-2013-IAPP	02 October 2012	16 January 2013
IRSES International Research Staff Exchange Scheme	FP7-PEOPLE-2013-IRSES	10 July 2012	17 January 2013
CIG Career Integration Grants 1st cut off	FP7-PEOPLE-2013-CIG	18 October 2012	07 March 2013
IEF Intra-European Fellowships	FP7-PEOPLE-2013-IEF	14 March 2013	14 August 2013
IIF International Incoming Fellowships	FP7-PEOPLE-2013-IIF	14 March 2013	14 August 2013
IOF International Outgoing Fellowship	FP7-PEOPLE- 2013-IOF	14 March 2013	14 August 2013
CIG Career Integration Grants 2nd cut off	FP7-PEOPLE-2013-CIG	18 October 2012	18 September 2013

* Under the condition that the People Work programme 2013 is approved without modifications.

- EURAXESS mobility portal

  http://ec.europa.eu/euraxess/index_en.cfm

- List of co-funded Fellowship Programmes

  http://ec.europa.eu/research/participants/portal/page/people&cofund=true

- To submit a proposal

  http://ec.europa.eu/research/participants/portal/page/people&state=open

- National Contact Points Network
  http://cordis.europa.eu/fp7/third-countries_en.html

Horizon 2020

Horizon 2020

- **Excellent Science - Priority I**
  - ✓ European Research Council
  - ✓ Future and Emerging Technologies
  - ✓ **Marie Curie Actions**
  - ✓ Research Infrastructures

- **Industrial leadership - Priority II**
  - ✓ Leadership in enabling and industrial technologies
  - ✓ Access to risk finance
  - ✓ Innovation in SMEs

- **Societal challenges - Priority III**
  - ✓ Health, demographic change and wellbeing
  - ✓ Food security, sustainable agriculture, marine and maritime research, bio-economy
  - ✓ Secure, clean and efficient energy
  - ✓ Smart, green and integrated transport
  - ✓ Climate action, resource efficiency and raw materials
  - ✓ Inclusive, innovative and secure societies

- **EIT**

- **JRC non-nuclear action**

European Commission

ITN → **Action 1 Doctoral Researchers** — Research networks supporting doctoral training

IEF
ICF
IIF
CIG → **Action 2 Experienced Researchers** — Support for experienced researchers undertaking mobility

IAPP
IRSES → **Action 3 Exchange of Staff** — International and inter-sector cooperation through the exchange of research and innovation staff

COFUND → **Action 4 COFUND** — Co-funding of regional, national and international programmes covering actions 1, 2 and 3

- **Bottom-up approach remains**
- **Fostering key skills & competences for RI**
- **Main EU programme providing structured doctoral training, incl. industrial doctorates**
- **Mobility, both trans-national and inter-sectoral**
- **Excellent employment and working conditions**
- **Cross-cutting issues**
    - ✓ **Gender balance**
    - ✓ **Strengthening SMEs participation**
    - ✓ **Synergies with societal challenges & industrial technologies**
- **Broader participation of businesses & other socio-economic actors**
- **Increased possibility of the portability of grants**
- **More emphasis on communicating results & outreach activities**
- **New name: Marie Skłodowska-Curie Actions**

THANK YOU FOR YOUR ATTENTION

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