



# Horizon 2020

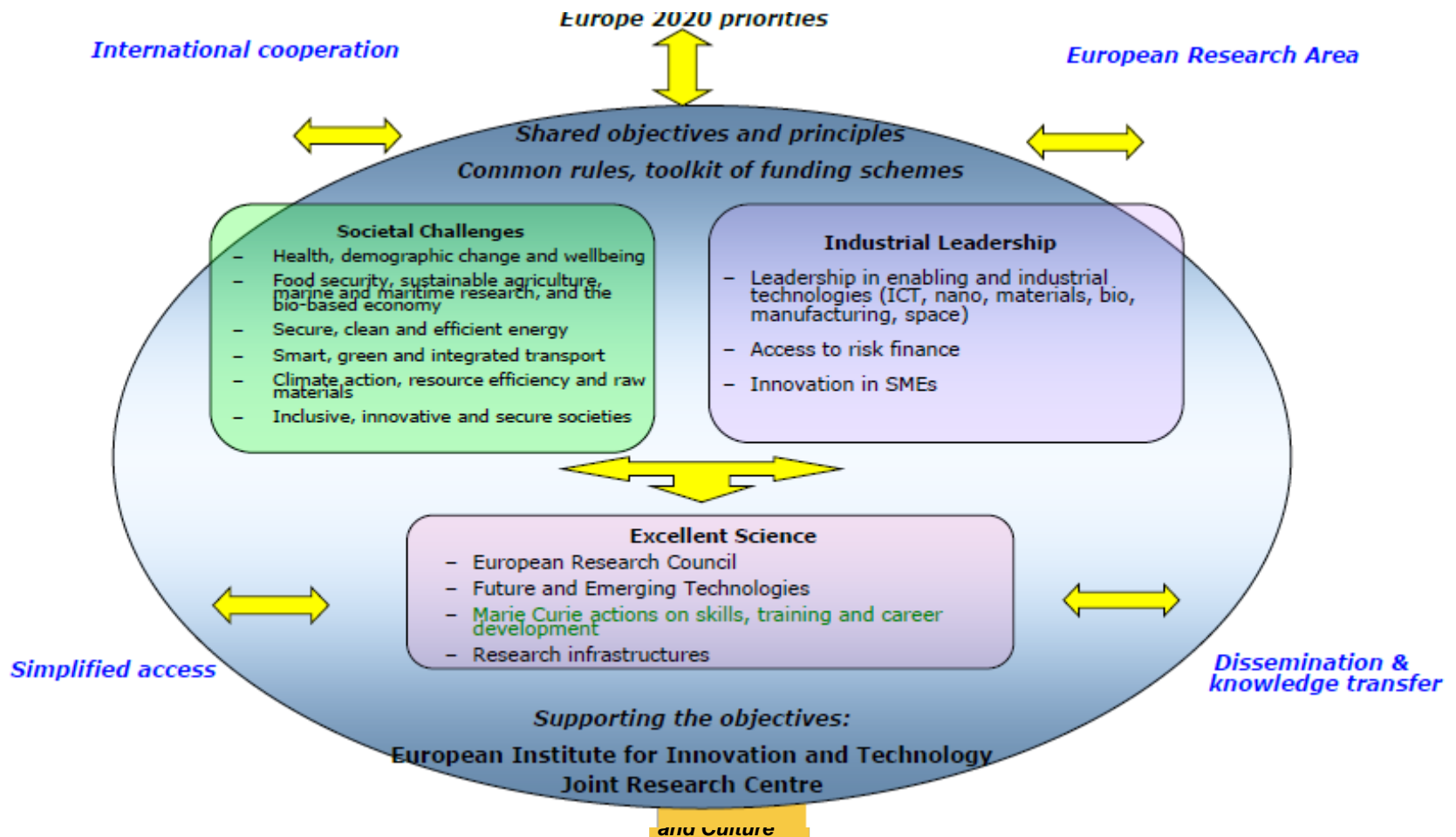
*Les actions Marie Skłodowska-Curie  
Quelle place pour les PME ?*

MESR – Paris  
2 Avril 2014



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# Horizon 2020





## Key features of the MSCA part

- Open to **all domains** of **research and innovation** from basic research up to market take-up and innovation services
- Entirely **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



- ~ 80 000 researchers financed since creation of MCA
- > 10 000 PhD supported in FP7
- ~ 9 200 projects funded so far in FP7 (€4.2 billion)
- ~ 17 800 participations of host organisations in 83 countries (46 TC)
- ~ 18 500 participations of MCA researchers coming from all over the world: 130 nationalities (90 TC)
- 66 000 researcher-months exchanged (~22 000 individuals) in IRSES
- SMEs play a major role (IAPP & ITN)
- 38% women participation in FP7 MCA (target: 40%)



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# Definitions



# Participants

- **Academic sector**
  - Public or private **higher education** establishments awarding academic degrees
  - Public or private *non-profit* **research organizations** whose primary mission is to pursue research
  - International European interest organizations .
- **Non-Academic sector**
  - Any **socio-economic actor** not included in the academic sector



# Researchers

- **Early Stage Researchers**
  - Shall at the time of recruitment (ITN, COFUND) or secondment (RISE), be in the **first four years** (full-time equivalent) of their research careers and have not yet been awarded a doctoral degree.
- **Experienced Researchers**
  - Shall, at the time of the relevant deadline for submission of proposals (IF), recruitment (COFUND) or secondment (RISE), be in **possession of a doctoral degree** or have at least **four years of full-time equivalent research experience**.
- **Nationality, residence**
  - Long-term residence means a period of full-time research activity of **at least 5 consecutive years**.



# Participants

- **Beneficiaries : signatory to the agreement**
  - Full partners with complete **responsibility** for executing the programme
  - Contribute directly to the implementation of the research training programme by **appointing**, supervising, hosting and training researchers.
  - May also provide secondment opportunities.
- **Partner Organisations : non-signatory to the agreement**
  - Provide **trainings** and **hosting** researchers during secondment
  - **Do not employ the researchers** within the project
  - Shall include a **letter of commitment** in the proposal to ensure their real and active participation





# Mobility rules

- At the time of the relevant deadline for submission of proposals (IF), or recruitment by the host organisation (ITN), researchers shall not have **resided or carried out their main activity in the country of their host organisation for more than 12 months in the 3 years immediately prior** to the reference date.
- Compulsory national service and/or short stays such as holidays are not taken into account.



## MSCA in H2020

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



# ITN : Innovative Training Networks



# Innovative Training Networks (ITN)

## Objective

- to raise excellence and structure research and **doctoral training**
- to train a new generation of creative, entrepreneurial and innovative **early-stage researcher**

## Scope

- European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD)
- **Triple 'i'** (intersector, interdisciplinary, international) dimension of mobility and particular focus on innovation skills
- Support to ESR for **3-36 months**

## Expected Impact

- to enhance researchers' **employability** and provide them with new career perspectives
- Cooperation and **exchange of best practices**



# Innovative Training Networks

## Organisation

- **Supervisory board** co-ordinating network-wide training and establishing active and continuous communication and exchange of best practice.
- **Complementary competences** of the participants,
- Networking activities, organisation of **workshops and conferences** to facilitate sharing of knowledge.
- Meaningful **exposure of each researcher to other sectors**
- Training modules addressing transferable **skills** (e.g. entrepreneurship, management of research, intellectual property, ethics, communication...).
- EID and EJD : enrolment in the doctoral programme and creation of **joint governance** structure with *joint admission, selection, supervision, monitoring...*
- EJD : award of **joint, double or multiple** doctoral degrees
- Quality of **supervision** and mentoring arrangements
- A Career Development Plan

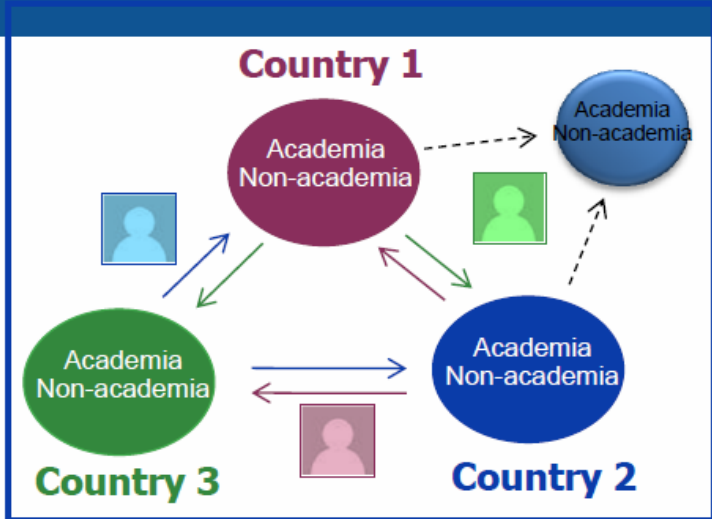


# Innovative Training Networks

## Eligibility conditions

- Created by at least three beneficiaries (or at least two for EID) located in different EU Member States and/or Associated Countries. Above this minimum, the participation of institutions **from any country** or organisation is possible.
- EID : at least one beneficiary must be entitled to award doctoral degrees and at least one beneficiary must come from the non-academic sector
- EJD : at least three beneficiaries must be entitled to award doctoral degrees.
- Limit : ETN and EJD, recruitment of a maximum **540 person-months** (EID180).
- Not more than **40%** of the project budget shall be dedicated to hosts in the **same country** (except for EID).

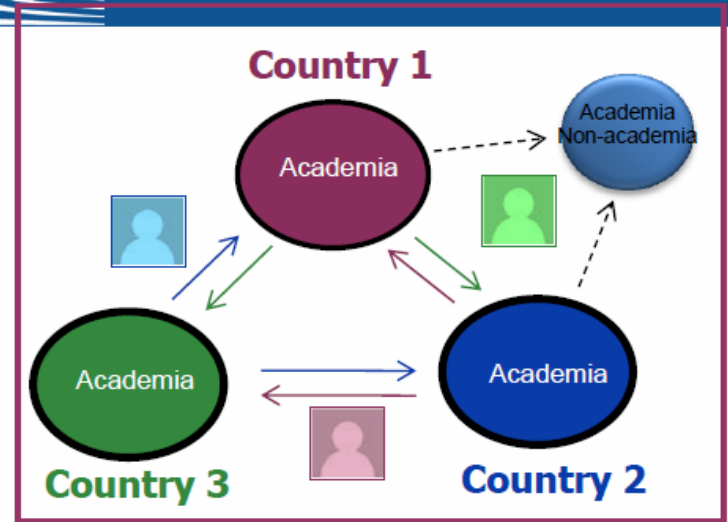
# ITN - Consortia



Country 3

Country 2

**European Training Networks**

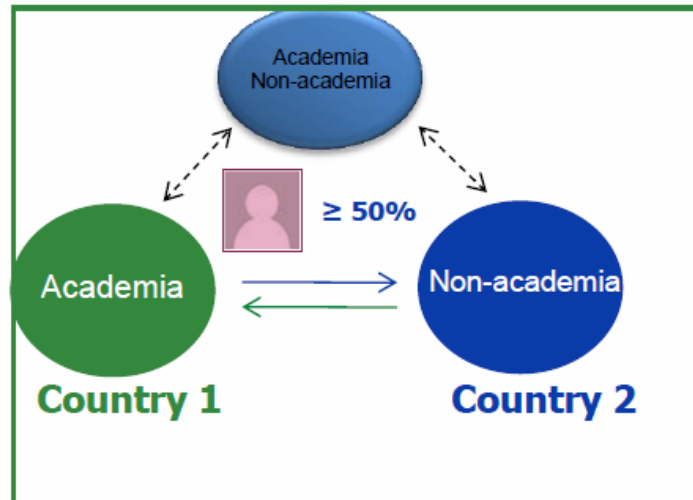


Country 3

Country 2

**European Joint Doctorates**

**European Industrial Doctorates**



Country 1

Country 2



# Innovative Training Networks

## Call 2014

- Publication date: **11 December 2013** (launch of Horizon 2020)
- Deadline(s): **9 april 2014**
- Indicative budget: **405 M€** from the 2014 budget. Of this amount, **25.5 M€** are allocated to EID and **30 M€** are allocated to EJD.
- Duration: maximum **four years**





# IF : Individual Fellowships



# Individual Fellowships (IF)

## Objective

- to enhance the creative and innovative potential of **experienced researchers**
- to provide opportunities to **acquire new knowledge**, resume a career or return to Europe
- participant established in EU (MS/AC) and **employing the researcher**
- **Scope**
- Trans-national fellowships to the **best or most promising** researchers
- European Fellowships (12-24 months) or Global Fellowships (12-24 months + mandatory return phase of 12 months)
- Career Restart Panel and Reintegration Panel
- **Secondments**, notably in the non-academic sector

## Expected Impact

- to release the full potential of researchers and development of their **careers** in both the academic and non-academic sectors



# Individual Fellowships (IF)

- **European Fellowships**

- Open to researchers currently **within and outside Europe** (rules of mobility)
- Separate panel 1 : resume research in Europe after a **career break**  
*Researchers must not have been active in research for at least 12 months*
- Separate panel 2 : **Return and reintegration** (mobility *into* Europe) for researchers previously **long-term resident** in Europe.
- *Researchers shall not have resided or carried out their main activity in the country of their host organisation for more than **3 years in the 5 years** immediately prior to the relevant deadline*

- **Global Fellowships**

- **Secondment to a third country** and a mandatory 12 month **return period** to a European host.

*Secondment phase in Europe, e.g non-academic sector : three to six months.*

# Individual Fellowships (IF)



**European Fellowships**



**Global Fellowships**





# Individual Fellowships

- **Call 2014**
  - Publication date: **12 March 2014**
  - Deadline(s): **11 september 2014**
  - Indicative budget: **240.5 M€** from the 2014 budget. Of this amount, **29 M€** are allocated to Global Fellowships.



# **RISE : Research and Innovation Staff Exchange**



# Research and Innovation Staff Exchange

- **Objective**

- to promote **international and inter-sector** collaboration through research and innovation **staff exchanges**
- to foster a **shared culture** of research and innovation

- **Scope**

- International and inter-sector collaboration and transfer of knowledge
- **Joint research and innovation project**
- Secondments of staff members for **1-12 months**
- *Within Europe: only inter-sector secondments*
- No secondments between institutions located outside Europe or within the same MS/AC

- **Expected Impact**

- to strengthen the interaction between organisations in the **academic and non-academic sectors**, and **between Europe and third countries**



# Research and Innovation Staff Exchange

- **Eligibility conditions**
  - Participants established in at least **three different countries** of which at least two must be EU MS/AC
  - If all participants are from the same sector, at least one participant must be from a third country.
  - Above this minimum, the participation of institutions **from any country** or organisation
  - Limit : maximum **540 person-months**



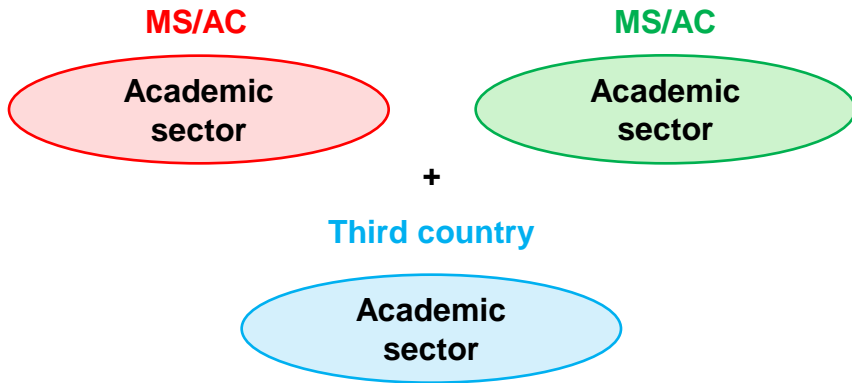
MS/AC + MS/AC + ...



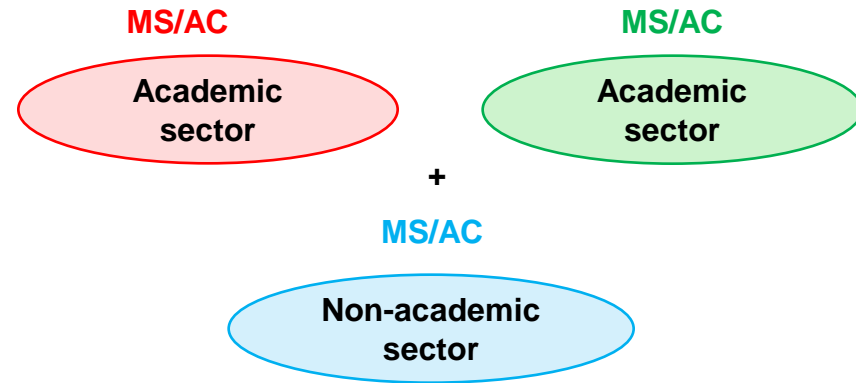
# Research and Innovation Staff Exchange (RISE)

Same sector ...

All in Europe ...

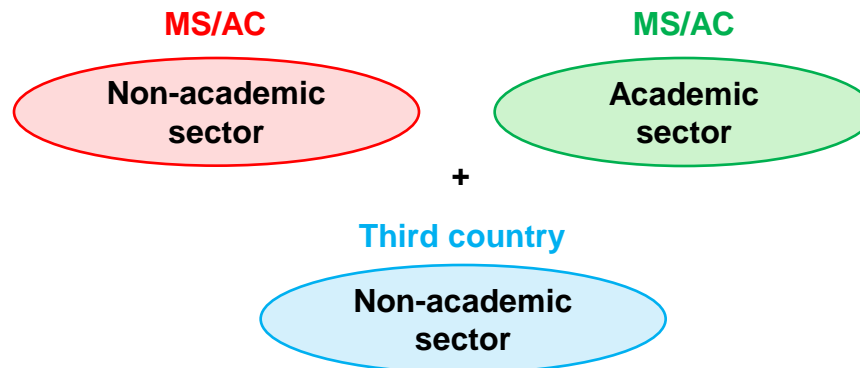


→ International mobility



→ Intersectoral mobility

International and intersectoral mobility ...



Education and Culture



# Research and Innovation Staff Exchange

- **Staff members**
  - **Researchers** (ESR and ER), innovators, **administrative, managerial** and **technical** staff supporting the research and innovation activities of the project.
  - They shall be actively engaged in or linked to research and/or innovation activities **for at least six months** at the sending institution prior to the first period of secondment.
  - Secondments in RISE are not subject to the mobility rules.



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## 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



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thank you

merci  
kiitos  
obrigado  
спасиби  
grazie  
gracias  
danke  
aciū  
tack  
köszönöm  
хвала  
teşekkür ederim  
Dank u  
hvala vam  
tak  
bakka þér  
σας ευχαριστώ  
ddiolch 'ch  
dëkuj  
dziękuje  
ありがとう  
תודה  
Dakujem  
Tapadh leibh  
falemmnderit  
hvala  
Takk  
благодаря  
mulțumesc  
tánan teid  
дзякуй  
спасибо  
شكرا  
trugërez  
Ви благодарам  
谢谢  
धन्यवाद  
Go raibh maith agaibh  
Paldies