



# Horizon2020 Actions Marie Skłodowska Curie Innovative Training Networks

Université Fédérale



Toulouse Midi-Pyrénées

26 octobre 2017 – Toulouse  
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## Architecture du programme

### 3 PRIORITÉS

#### EXCELLENCE SCIENTIFIQUE

- Conseil européen de la recherche (E.R.C.)
- Actions Marie Skłodowska-Curie
- Technologies futures et émergentes (FET)
- Infrastructures de recherche

#### PRIMAUTÉ INDUSTRIELLE

- TIC
- Technologies clés génériques (KET) :
  - microélectronique
  - photonique
  - nanotechnologies
  - matériaux avancés
  - systèmes de production
  - biotechnologies
- Espace
- Innovation dans les P.M.E.
- Accès au financement à risque

#### DÉFIS SOCIÉTAUX

- Santé, bien-être, vieillissement
- Sécurité alimentaire, bioéconomie...
- Energies sûres, propres, efficaces
- Transports intelligents, verts, intégrés
- Climat, environnement, matières premières
- Sociétés inclusives et novatrices et capables de réflexion
- Sociétés sûres

# Marie Skłodowska-Curie Actions



## ITN Innovative Training Networks

### What does it offer?

High-quality research training delivered through international and interdisciplinary networks, industrial doctorates or joint doctorates

### Who applies?

International networks of research organisations from the academic and non-academic sectors

### Who is funded?

Researchers at doctoral level (less than four years of full-time research experience and no doctoral degree)



## IF Individual Fellowships

### What does it offer?

Opportunities to work on personal research projects by moving between countries and possibly sectors to acquire new skills

### Who applies?

Individual researchers together with the host organisation

### Who is funded?

Postdoctoral researchers



## RISE Research and Innovation Staff Exchange

### What does it offer?

The exchange of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge

### Who applies?

International networks of research organisations from the academic and non-academic sectors

### Who is funded?

Researchers, technical, administrative and managerial staff of any nationality and at all career levels



## COFUND Co-Funding of Regional, National and International Programmes

### What does it offer?

Regional, national or international programmes to foster excellence in researchers' training, mobility and career development

### Who applies?

Organisations funding or managing doctoral programmes or fellowship programmes

### Who is funded?

Researchers at doctoral and postdoctoral level



**ITN – Innovative Training Networks**

**Réseaux de formation doctorale**



## 3 formats

**ETN**

**European  
Training  
Networks**

*Participants implement  
a joint research training  
programme*

**EID**

**European  
Industrial  
Doctorates**

*Doctoral training with the  
non-academic sector*

**EJD**

**European  
Joint  
Doctorates**

*Universities cooperating  
to deliver joint degrees*





## Critères essentiels communs:

1. *Mobilité*: < 12 mois sur les 3 dernières années dans le pays de l'institution qui recrute.

2. *Triple i : international, interdisciplinaire, intersectoriel*

3. *Focus : formation transversale et employabilité*

7 principes de formation doctorale innovante (2011) [lien](#)

- Research excellence
- Attractive Institutional Environment
- Interdisciplinary Research Options
- Exposure to Industry & other relevant employment sectors
- International networking
- Transferable skills training
- Quality Assurance



## ETN – European Training Networks

Formation de doctorants sur une thématique de recherche innovante

### **Consortium minimum:**

3 institutions issues de 3 états membres et/ou pays associés

+ partenaires internationaux et/ou d'autres secteurs

Recommandation: entre 6 et 10 bénéficiaires.

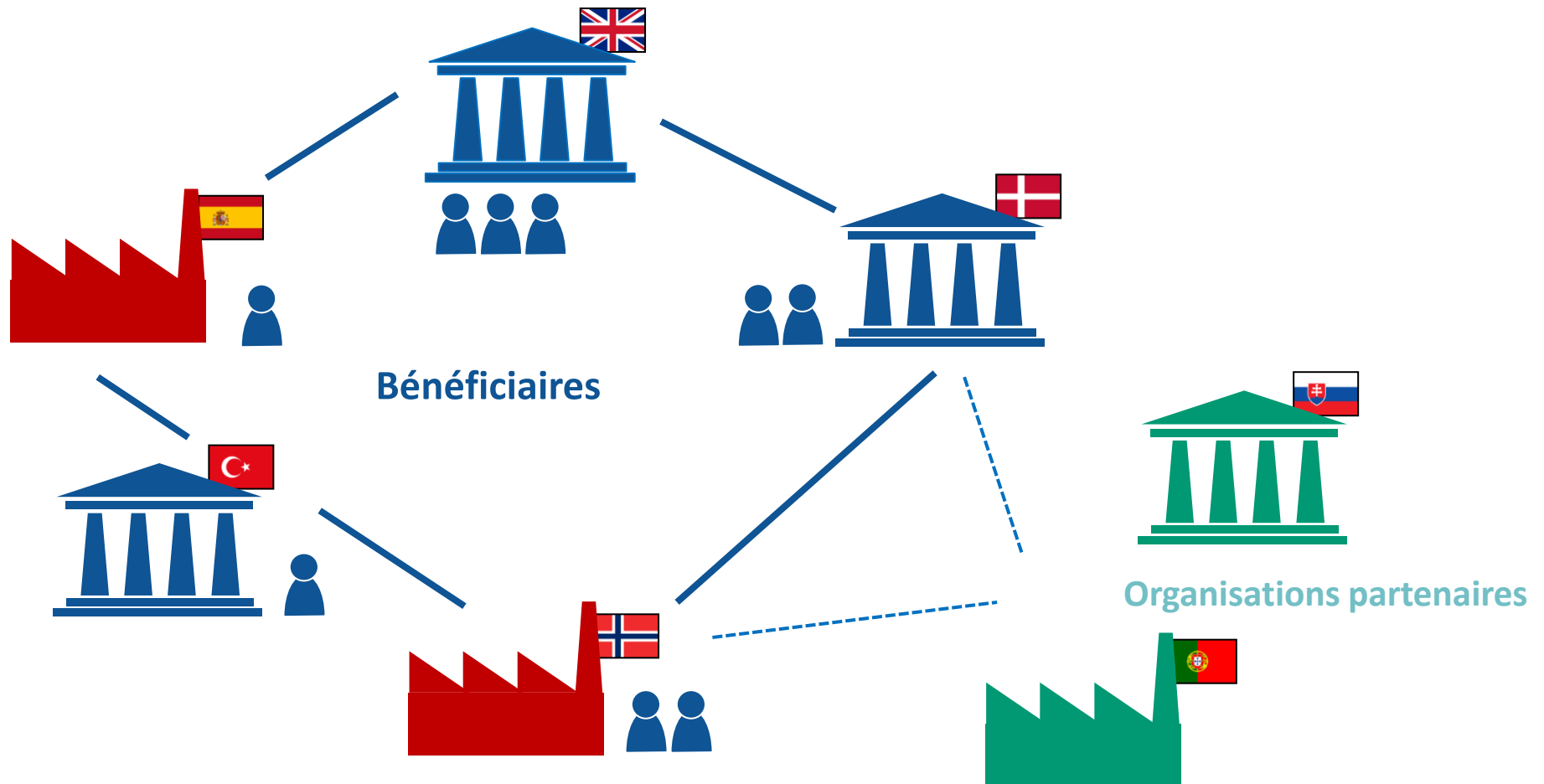
### **Recrutement:**

International – *secondments*: maxi 30% du temps.

Maximum 15 contrats doctoraux de 3 ans ! (15x36=540pers.mois)

ETN

Les participants mettent en oeuvre un programme commun de formation par la recherche







## EID – European Industrial Doctorate

Formation de doctorants sur une thématique de recherche innovante. 50% de la formation à l'université - 50% en entreprise

### **Consortium minimum:**

2 institutions issues de 2 états membres et/ou pays associés, 1 de type universitaire, 1 de type non universitaire (entreprise, ONG, musée, ...) + partenaires internationaux et/ou d'autres secteurs

Recommandation: 2-3 bénéficiaires.

### **Recrutement:**

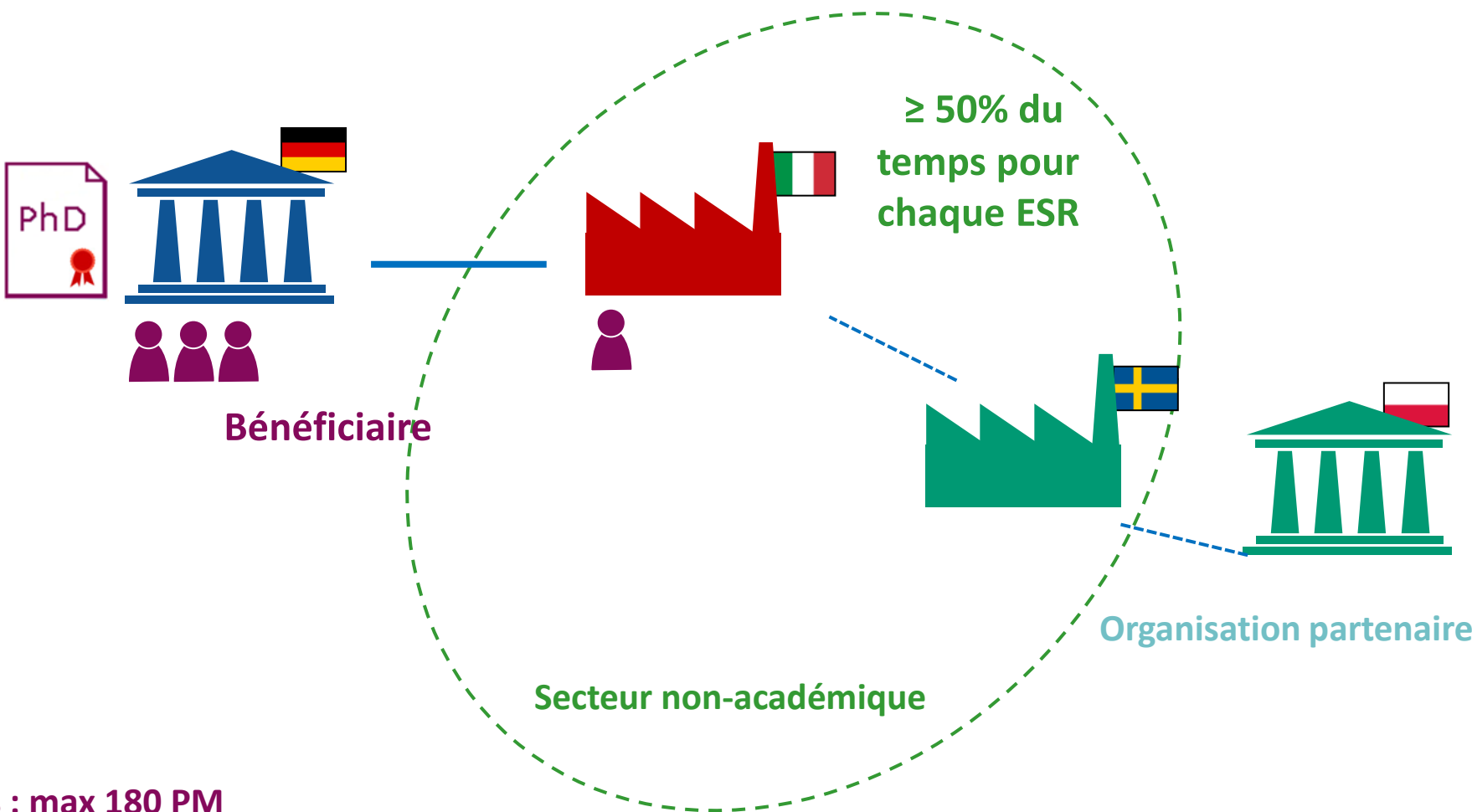
International

Si bénéficiaires > 2, 15 contrats doctoraux max (=540pers.mois)

Si 2 bénéficiaires: 5 contrats doctoraux max (=180pers.mois)

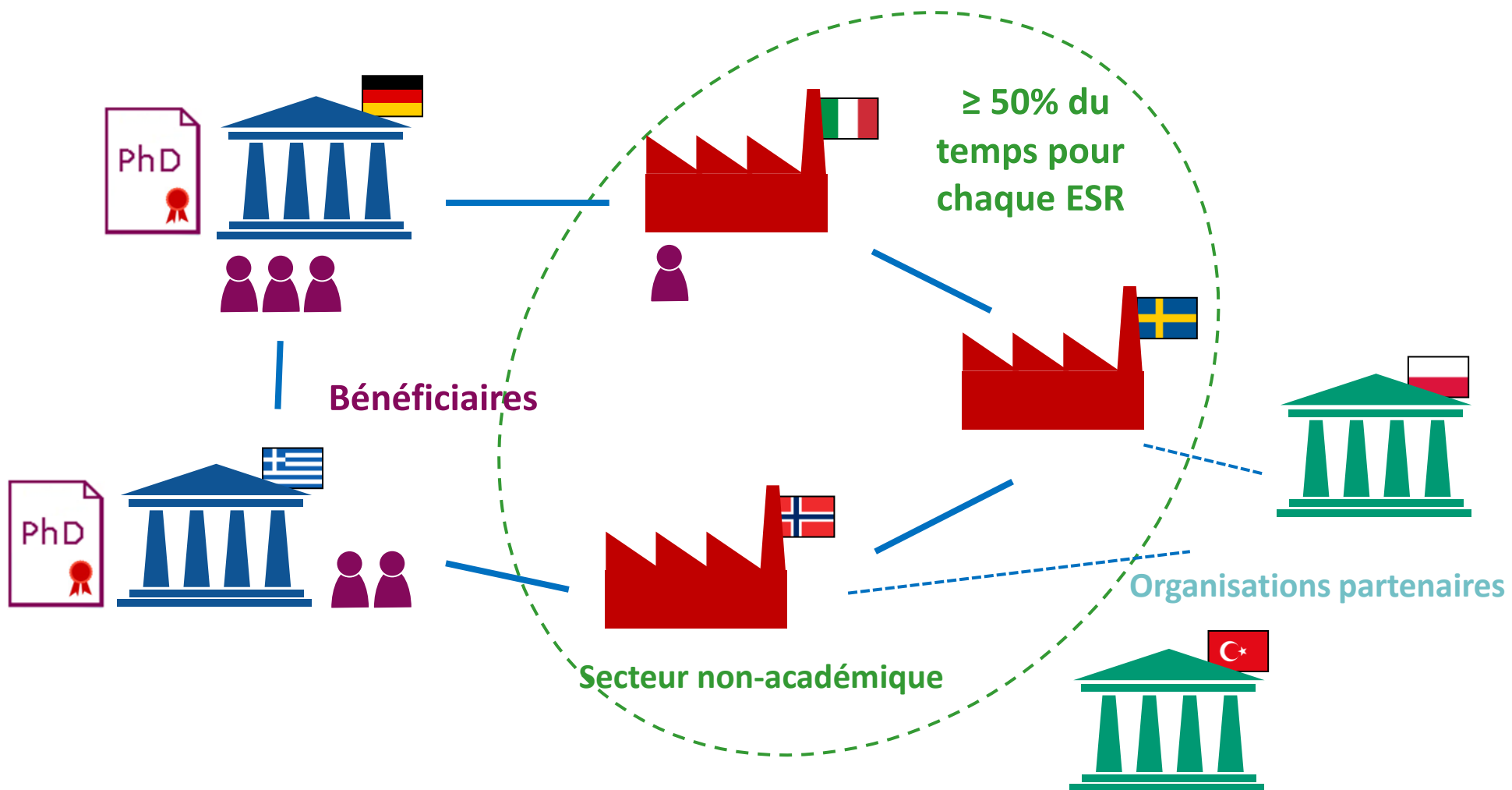


**EID**



2 bénéficiaires : max 180 PM

EID



≥3 bénéficiaires: max 540 PM



## EJD – European Joint Doctorate

Formation de doctorants sur une thématique de recherche innovante

### **Consortium minimum:**

3 institutions issues de 3 états membres et/ou pays associés  
Institutions habilitées à délivrer le Doctorat  
+ partenaires internationaux et/ou d'autres secteurs

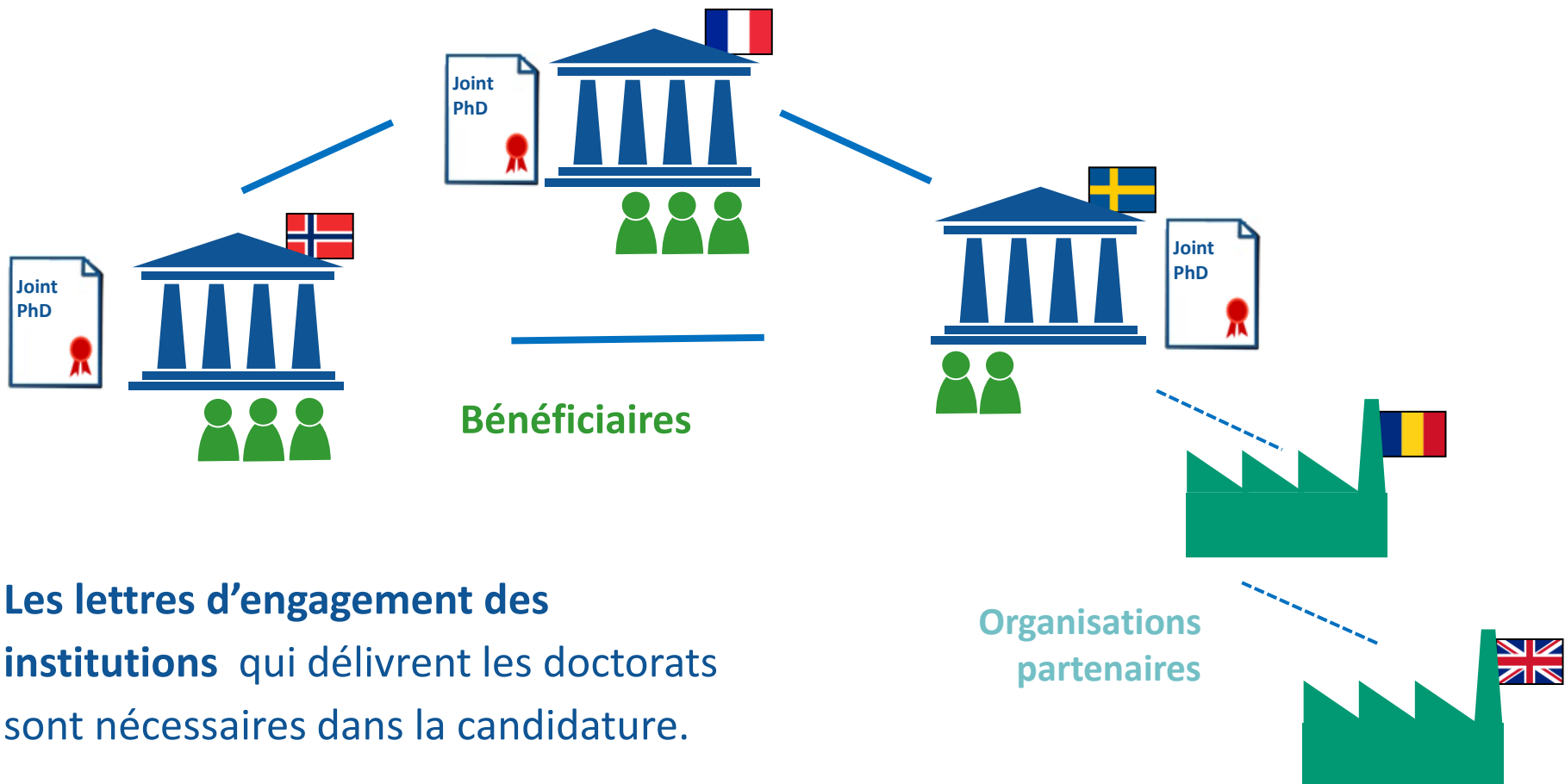
Cotutelles ou double-diplômes systématique  
Recommandation: entre 4 et 8 bénéficiaires

### **Recrutement:**

International

Maximum 15 contrats doctoraux de 3 ans ! (15x36=540pers.mois)

## EJD



Les lettres d'engagement des institutions qui délivrent les doctorats sont nécessaires dans la candidature.



## Elements financiers

Projets financés pour 48 mois.

ESR recrutés pour 3 – 36 mois.

Budget mensuel:

<b>Living Allowance *</b>	<b>Mobility allowance</b>	<b>Family allowance</b>	<b>Research, training costs</b>	<b>Management costs</b>
3110 €	600 €	500 €	1800 €	1200 €

\* Salaire brut mensuel chargé, à multiplier par coefficient pays.





## Elements importants

Contact des doctorants avec monde non-académique

Transparence des recrutements des doctorants

Comité de sélection international, parité h/f

Formation transversale complète et de qualité (employabilité)

Qualité de la direction des thésards (co-direction public-privé)

Plus-value européenne de la formation / doctorat national

Traiter la question du genre par diverses approches

Communication / dissemination / open access



# RESULTATS ITN 2017

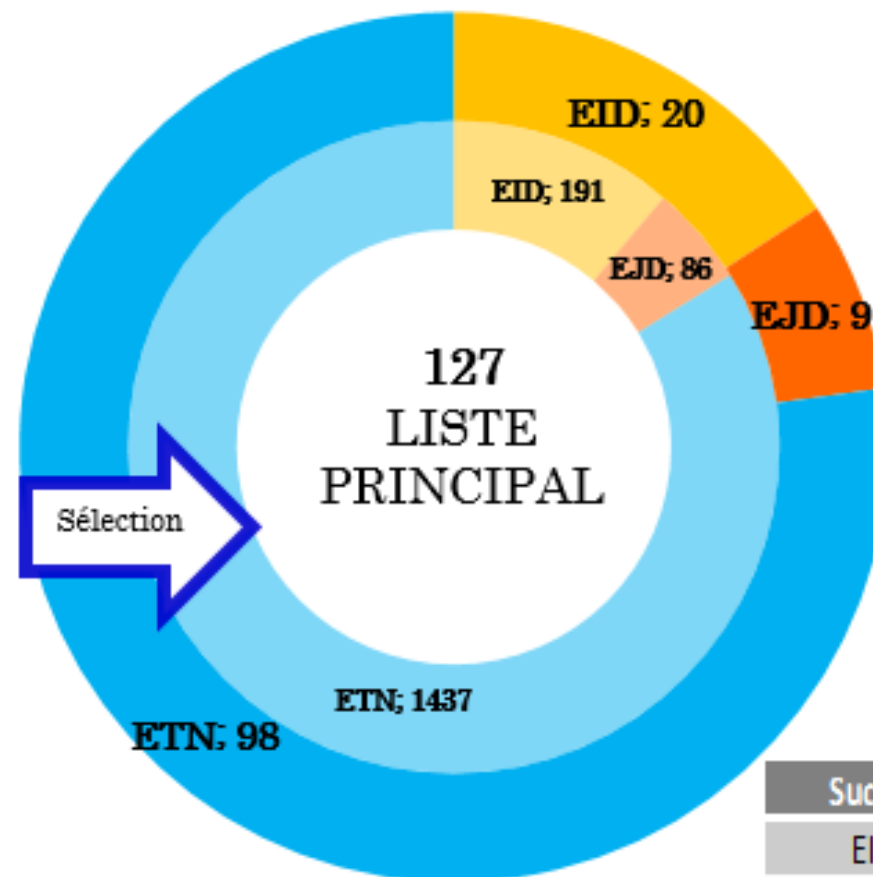
&

# DONNEES STATISTIQUES

## ITN 2017 : Submitted & A-list proposals

**+6,4%**

**1714  
submissions**

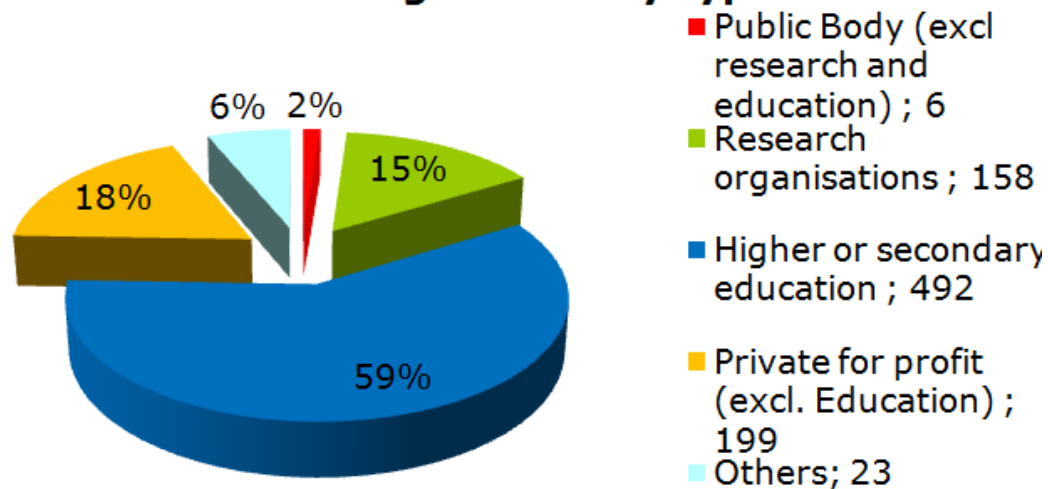


Sucess	Rate	ITN 2017
EID	EJD	ETN
10,50%	10,50%	6,80%



	Submissions	A-List	A-List ETN	A-List EJD	A-List EID
2014	1161	121	94	8	19
2015	1563	106	83	8	15
2016	1611	109	85	8	16

### ITN 2016 – Success Rate – Participation according to activity type





### Average of participants per project

	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b><u>Participations to submitted proposals</u></b>	7.89	8.14	8.43
<b><u>Participations to retained proposals</u></b>	8	8.28	8.46
<b>Total</b>	7.94	16.42	8.44

### **ITNs and chances to get funded if on the reserve list**

	<b>2014</b>	<b>2015</b>	<b>2016</b>
Only ITN			
<b>Budget m euro</b>	405	370	370
<b>Main list (# of project funded)</b>	121	106	109
<b>Reserve list (# of proposals)</b>	45	46	32
<b>Funded projects on reserve list</b>	12	21	17
<b>Chances to get funding if on the reserve list</b>	27%	46%	53%

The screenshot shows the Horizon 2020 Participant Portal. At the top, there is a navigation bar with the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. Below this is a breadcrumb trail: 'European Commission > Research & Innovation > Participant Portal > Calls'. The main navigation menu includes 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. A search bar and 'LOGIN'/'REGISTER' buttons are also present.

The 'Calls for Proposals' section is active, displaying a list of call topics under the 'Horizon 2020' heading. The 'Excellent Science' category is expanded, showing sub-topics: 'European Research Council (ERC)', 'Future and Emerging Technologies (FET)', 'Marie-Sklodowska-Curie Actions' (checked), 'Research Infrastructures', 'Industrial Leadership', 'Leadership in enabling and industrial technologies (LEIT)', and 'Information and Communication Technologies'. Below the list, there are filters for 'Status' (Calls with forthcoming topics, Calls with open topics, Calls with only closed topics) and 'Sort by' (Call title, Call identifier, Publication date). A 'Filter a call' input field and a 'FILTER' button are also visible.

A specific call is highlighted: 'Excellent Science Marie Skłodowska-Curie Co-funding of regional, national and inter ... H2020-MSCA-COFUND-2017'. The publication date is listed as 14 October 2015.

At the bottom of the page, a note states: 'In addition to the search facilities, the full list of H2020 Calls can be found [here](#).'

## La candidature:

Portail du participant, compte ECAS, ...



## Partie A & partie B

### 1 - General information

Topic	
Call Identifier	
Type of Action	
Deadline Id	
Acronym	<input type="text"/>
Proposal title	<input type="text"/> <small>The title should be no longer than 200 characters (with spaces) and should be understandable to the non-specialist in your field.</small> <small>Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: &lt; &gt; * &amp;</small>
Duration in months	<input type="text"/> <small>Insert the estimated duration of the project in full months - typically 48 months for ITN projects.</small>
Panel	<input type="text"/>

Please select up to 5 descriptors (and at least 3) that best characterise the subject of your proposal, in descending order of relevance. Note that descriptors will be used to support REA services in identifying the best qualified evaluators for your proposal.

Descriptor 1

Free keywords   
You may enter a number of keywords that you consider necessary to characterise the scope of your proposal. Each single one separated by a semi colon or a comma. There is a limit of 200 characters.

#### Abstract

Short summary (max. 2,000 characters, with spaces) to clearly explain:

- the objectives of the proposal
- how they will be achieved
- their relevance to the work programme.

Will be used as the short description of the proposal in the evaluation process and in communications with the programme management committees and other interested parties .

- Do not include any confidential information.
- Use plain typed text, avoiding formulae and other special characters.

If the proposal is written in a language other than English, please include an English version of this abstract in the "Technical Annex" section.

### Annex 5 – Part B Template

In drafting PART B of the proposal, applicants must follow the structure outlined below.

**DOCUMENT 1 (Proposal Number-Acronym-Part B1)**

**START PAGE (1 page)**  
**TABLE OF CONTENTS (1 page)**  
**LIST OF PARTICIPATING ORGANISATIONS (max 2 pages)**

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**START PAGE COUNT (MAX 30 PAGES SECTIONS 1-3)**

1. **EXCELLENCE (starting page 5)**
2. **IMPACT**
3. **QUALITY AND EFFICIENCY OF THE IMPLEMENTATION**

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**STOP PAGE COUNT (MAX 30 PAGES SECTIONS 1-3)**

**DOCUMENT 2 (Proposal Number-Acronym-Part B2)**  
**NO OVERALL PAGE LIMIT APPLIED**

4. **GANTT CHART**
5. **CAPACITIES OF THE PARTICIPATING ORGANISATIONS**
6. **ETHICAL ISSUES**
7. **LETTERS OF COMMITMENT**

**Please note that:**

- Applicants must ensure that document 1 does not exceed the total page limit of 34 pages. The Start Page must comprise 1 full page; The Table of Contents a maximum of 1 page, the List of Participating Organisations, data for non-academic beneficiaries and declarations table a maximum of 2 pages (if two

# RESSOURCES

RESEARCH & INNOVATION  
 Marie Skłodowska-Curie Actions

100 000 FELLOWS!  
 Marie Skłodowska-Curie Actions  
 Taking your research further.

100 000 fellows supported by the Marie Skłodowska-Curie Actions

100 000 fellows | Environmentally friendly electric vehicles | Researchers at school and at university

Marie Skłodowska-Curie actions - Research Fellowship Programme

The Marie Skłodowska-Curie actions, named after the double Nobel Prize winning Polish-French scientist famed for her work on radioactivity, support researchers at all stages of their careers, irrespective of nationality. Researchers working across all disciplines, from life-saving healthcare to 'blue-sky' science, are eligible for funding. The MSCA also support industrial doctorates, combining a academic research study with work in companies, and other innovative training that enhances employability and career development.

In addition to generous research funding, scientists have the possibility to gain experience abroad and in the private sector, and to complete their training with competences or disciplines useful for their careers. More information about various funding schemes and requirements for applying is available below.

Quick links

- Marie Curie Alumni
- European Researchers' Night
- Participant portal
- Job vacancies for you
- Which actions are suited for me?

EURAXESS - Researchers in Motion

How can we help you?

I am: Please select

I want: Please select

SEARCH

Welcome

EURAXESS - Researchers in Motion is a unique pan-European initiative delivering information and support services to professional researchers. Backed by the European Union and its Member States, it supports researcher mobility and career development, while enhancing scientific collaboration between Europe and the world.

EURAXESS is also your gateway to Science4Refugees, a Commission's initiative helping refugee researchers find suitable jobs in today's challenging research landscape. Part of the initiative, is the Science4Refugees Research Buddies, supporting refugee scientists in finding European researchers to discuss problems, find solutions and study together, by matching their research field, scientific studies and interests.

About EURAXESS >

HORIZON 2020  
 LE PORTAIL FRANÇAIS DU PROGRAMME EUROPÉEN POUR LA RECHERCHE ET L'INNOVATION

RECHERCHER...  
 Recherche avancée multilingue

AGENDA

- 20 AVR: Webinaire sur l'instrument FUIE d'Horizon 2020
- 04 MAI: Réunion d'information sur le programme MIT2

APPELS EN COURS

- Liste des appels ouverts
- Programmes de travail 2016-2017

ANTICIPER LES PROCHAINS APPELS

ACTIONS MARIE SKŁODOWSKA-CURIE

Actualités

- 24.11.2016: Factsheet pour les 20 ans des Actions Marie Skłodowska-Curie
- 10.11.2016: Dossier d'information pour les lauréats des actions Marie Skłodowska-Curie
- 13.10.2016: Retour sur la formation Action Marie S.-Curie : ITN et RISE
- 16.06.2016: Retour : atelier d'évaluation des projets Marie Skłodowska-Curie
- 27.05.2016: Calendrier des Journées d'information Actions Marie S.-Curie 2016

LES ACTIONS SKŁODOWSKA-CURIE

- Présentation
- Site à outils

LE POINT DE CONTACT NATIONAL

- Contacts

Jean-Marie Pincemin

# Horizon2020 Marie Skłodowska Curie Actions Contact:

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National Contact Point for Marie Skłodowska Curie Actions  
Horizon 2020 – Excellent Science



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