

# H2020-MSCA-ITN-2019

## Innovative Training Networks

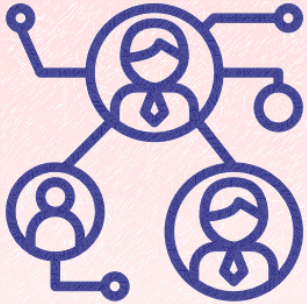


*24/06/2019*

*Audrey Arfi- Call Coordinator  
Research Executive Agency*



# Marie Skłodowska-Curie Actions



**Innovative  
Training  
Networks**



**Individual  
fellowships**



**Research and  
Innovation Staff  
Exchanges**



**Cofunding of  
research  
programmes**

# Content

- 1. ITN-2020: Topics & Planning**
- 2. ITN in practice**
- 3. Submission of ITNs**
- 4. Evaluation Process**
- 5. BE participation**
- 6. Help needed?**

# Content

- 1. ITN-2020: Topics & Planning**
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# ITN 2020 call

## Modes & Budget

ETN

European  
Training  
Networks

*Participants implement a joint  
research training programme*

**~445 M€**

EID

European  
Industrial  
Doctorates

*Doctoral training with the  
non-academic sector*

**40 M€**

EJD

European  
Joint  
Doctorates

*Universities cooperate to  
deliver joint degrees*

**45 M€**

Call Opening:

**12 Sep 2019**

Call Closure:

**14 Jan 2020**

Allocation of proposals:

**22 Jan - 24 Jan 2020**

Remote phase:

**07 Feb - 28 March 2020**

Central Panel Reviews:

**30 March– 03 April 2020**

Launch Grant preparation:

**mid-May 2020**

# Content

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# ITN in practice



## Who

Minimum 3 independent organisations from 3 different MS/AC countries

Early-Stage Researchers (**ESRs**)

## What

R&I activities, training, supervision

## How

Recruitment: 3 to 36 months

## How long

Up to 4 years

## How much

Max. 540 person month (unit cost)

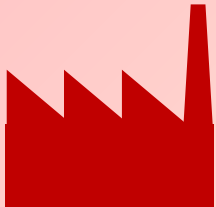


# Who applies ?



## Academic sector

- ✓ public /private higher education establishments awarding academic degrees
- ✓ public /private non-profit research organisations whose primary mission is to pursue research
- ✓ international European interest organisations (e.g. CERN, EMBL)



## Non-academic sector

- ✓ any entity not included in the academic sector:
- ✓ e.g. large companies, SMEs, NGOs, museums, hospitals
- ✓ international organisations (e.g. UN, WHO)



# Eligibility rules?

EU 28 Member States (MS)  
Associated Countries (AC)  
Third Countries (TC)

**ETN**

**Min. 3 beneficiaries from any sector  
from 3 different MS/AC**

**EID**

**Min. 2 beneficiaries from 2 different MS/AC:  
min. 1 from academic  
+ min. 1 from non-academic sector**

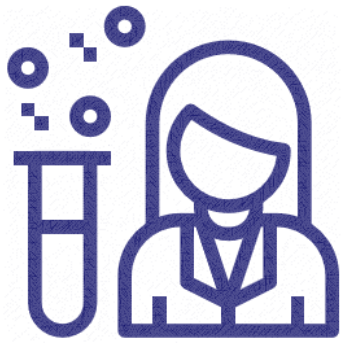
**EJD**

**Min. 3 beneficiaries  
from academic sector awarding PhD  
from 3 different MS/AC**

**Above this minimum: participants from any sector / country**

# ITN Consortium Participants

<b>Beneficiary</b>	<b>Partner Organisation</b>
In Member State (MS) or H2020 Associated Country (AC)	Any Country
Recruit researchers	Do NOT recruit researchers
Trains/hosts seconded researchers	
Sign Grant	Do NOT sign Grant
Claim costs	Do NOT Claim costs
Overall implementation	Letter of Commitment required



# Early-Stage Researchers

Only Early-Stage Researchers (**ESRs**):

- $\leq 4$  years of research experience
- no PhD yet

Mandatory **trans-national mobility** at the time of recruitment.

Recruitment: **3 to 36** months after the project starts

# Expected Impact

## ✓ **Researcher level**

- Employability, successful career

## ✓ **Organisation level**

- Cooperation and ToK between sectors and disciplines
- Quality of training programmes

## ✓ **System level**

- Societal and economic relevance of European higher education
- Europe more attractive as a leading research destination
- Better quality research and innovation

## Joint research training programme

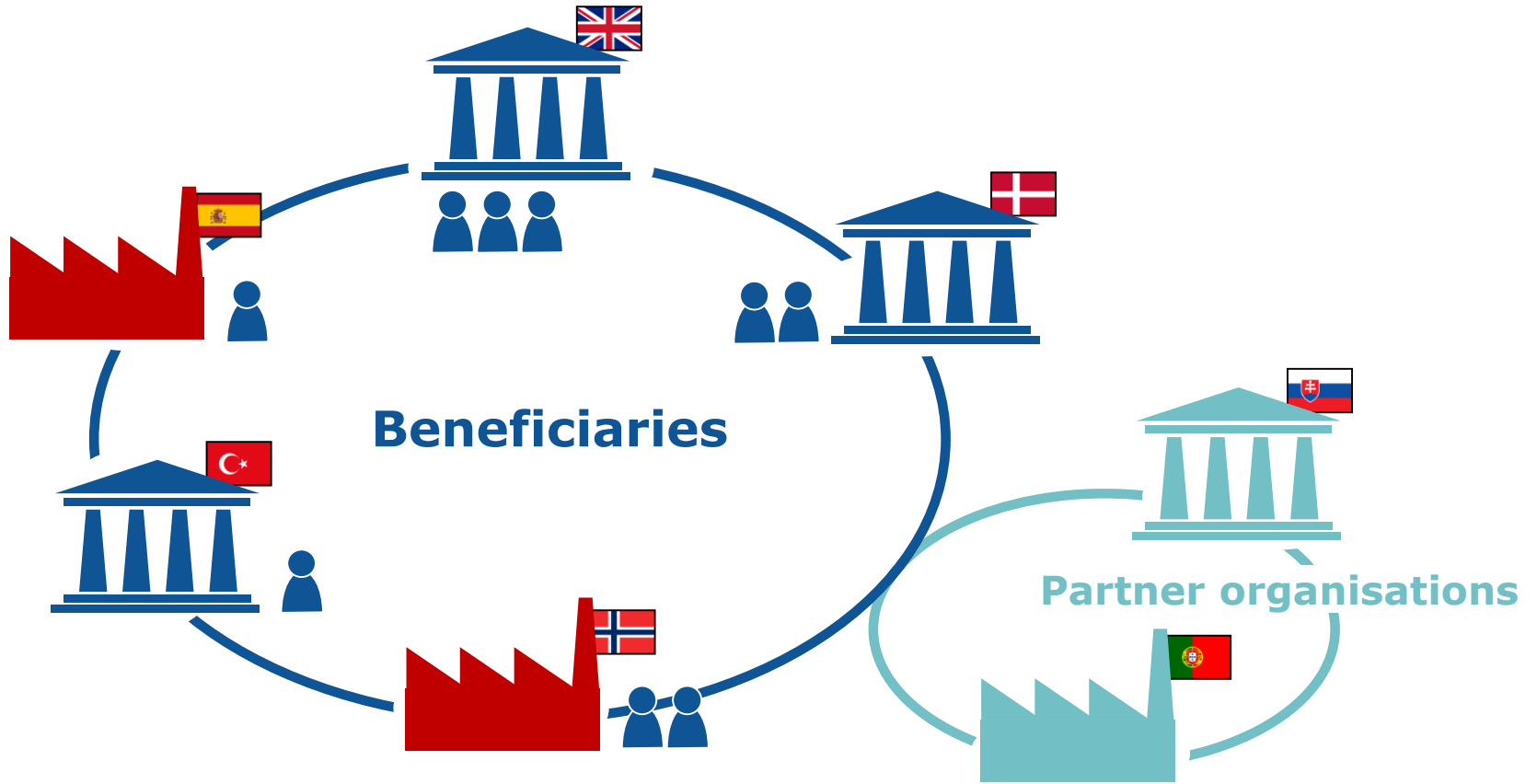
### Mandatory

- ✓ **Minimum 3 beneficiaries from 3 different MS/AC**
- ✓ **Each beneficiary recruits and/or hosts at least 1 ESR**
- ✓ **Max 540 person-months (e.g. 15 ESRs x 36 months)**
- ✓ **Max 40% budget to one country**

### Other features

- ✓ **Non-academic sector participation essential**
- ✓ **PhD enrolment typically expected (not mandatory)**
- ✓ **Secondments to other countries/sector/disciplines ( $\leq 30\%$  time)**
- ✓ **Joint supervision recommended**
- ✓ **Partner organisations (any country/sector)**
- ✓ **Typically 6-10 beneficiaries**

# ETN



## Doctoral training with the non-academic sector

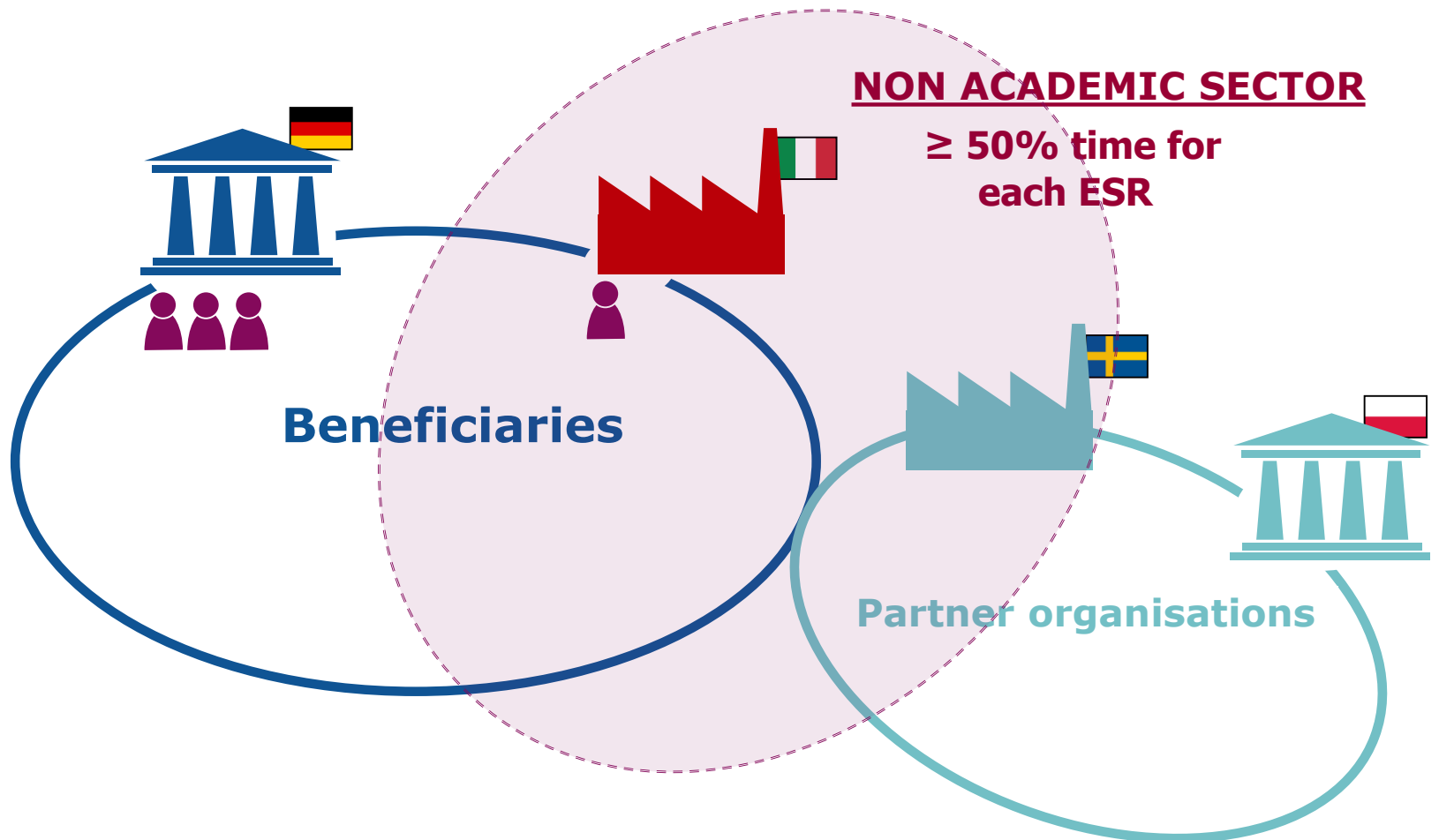
### Mandatory

- ✓ **Minimum 2 beneficiaries from 2 different MS/AC**  
**1 academic + 1 non-academic**
- ✓ **If: 2 organisations = Max 180 person-months**  
**If:  $\geq 3$  organisations = Max 540 person-months**
- ✓ **Each ESR enrolled in a PhD**
- ✓ **Each ESR spends  $\geq 50\%$  time in non-academic sector**
- ✓ **Each ESR spends  $\geq 30\%$  time in partner organisations**
- ✓ **Joint selection, training and supervision (1 supervisor/sector)**
- ✓ **Intersectoral secondments are international between beneficiaries**

### Other features

- ✓ **Individual research projects under the topic of the doctoral programme**
- ✓ **Partner organisations (any country/sector)**
- ✓ **Flexible recruitment rule**

# EID



**2 beneficiaries: max 180 PM**

**≥3 beneficiaries: max 540 PM**



## **Universities cooperating to deliver joint multiple doctoral degrees**

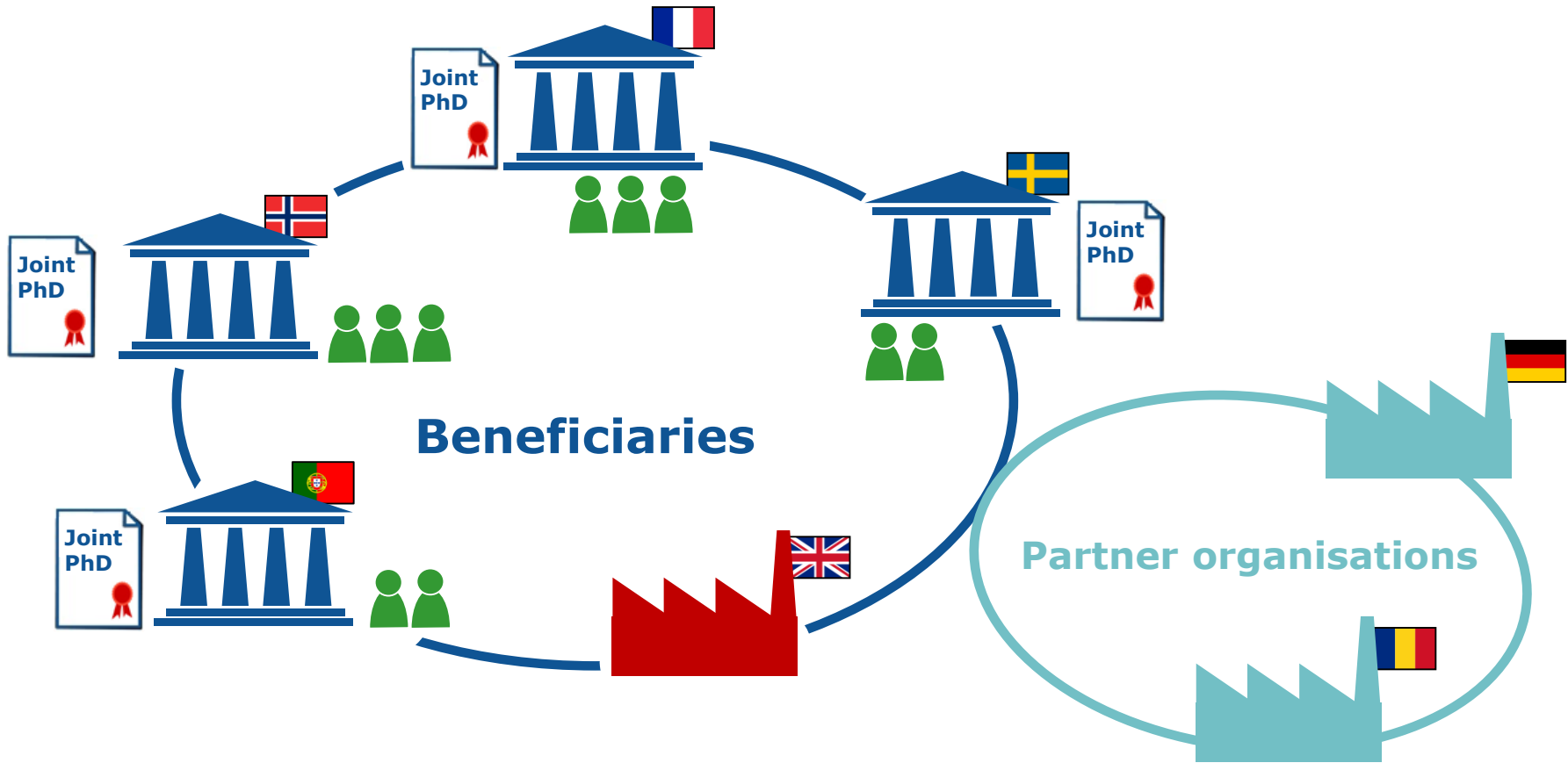
### **Mandatory**

- ✓ **Minimum 3 beneficiaries from 3 different MS/AC**
- ✓ **Minimum 3 beneficiaries entitled to award doctoral degree, of which at least 2 established in a MS/AC**
- ✓ **At least 2/3 of the supported ESRs enrolled in a joint/double /multiple doctoral degree awarded by two or more beneficiaries /partner organisations in a MS/AC**
- ✓ **Each ESR enrolled in the joint (international) doctoral programme**
- ✓ **Joint admission, selection, training, supervision, governance**
- ✓ **Commitment to deliver joint/double/multi degrees**
- ✓ **Max 540 person-months (e.g. 15 ESRs x 36 months)**
- ✓ **Letters of institutional commitment from Organisations to deliver PhD degrees are required in the proposal (template)**

### **Other features**

- ✓ **Please refer to Guide for Applicants**

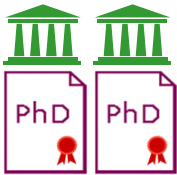
# EJD



# EJD



**Joint degree:** single diploma issued by at least 2 academic institutions located in 2 different countries and recognised officially



**Double/multiple degree:** 2 or more separate national diplomas issued by two or more higher education institutions located in different countries and recognised officially



**Letters of institutional commitment** to deliver joint/double doctoral degrees are mandatory in the proposal

# Summary

	ETN	EID	EJD
<b>Beneficiaries</b>	≥3 from 3 diff. MS/AC	≥2 from 2 diff. MS/AC: (≥1 academic + ≥1 non-academic)	≥3 (acad. award PhD) from 3 diff. MS/AC
<b>Person-months</b>	Max. 540	Max. 180 / 540	Max. 540
<b>Researchers</b>	ESRs only (3-36 months)		
<b>Partner Organ.</b>	Unlimited (any country / sector / discipline)		
<b>PhD enrolment</b>	typically expected	<b>mandatory</b>	<b>mandatory</b>
<b>Non-academic participation</b>	essential	<b>mandatory</b>	essential
<b>Inter-sectoral exposure</b>	possible through secondments	≥50% in non-academic International (for beneficiaries)	possible through secondments
<b>Panels and rank lists</b>	8 panels: CHE, ECO, ENG, ENV, LIF, MAT, PHY, SOC <b>(445 M€)</b>	EID panel <b>(40 M€)</b>	EJD panel <b>(45 M€)</b>



# Funding mechanism (Financial aspects)

## Unit costs

Unit costs are a pre-estimated cost for the implementation of the action.

## Advantage when applying

Automated calculation of budget when computing ESR months in your proposal

**1 unit  
=  
1 month of  
eligible ESR**

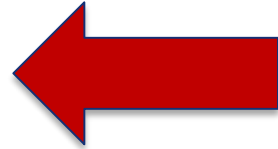
# EU contribution for ITN recruitments

Researcher			Institution	
Living * allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
<b>3.270</b>	<b>600</b>	<b>500</b>	<b>1.800</b>	<b>1.200</b>

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# Funding And Tenders portal



Funding & tender opportunities (the Single Electronic Data Interchange Area) is the entry point for participants and experts in funding programmes and tenders managed by the European Commission and other EU bodies.

## Find calls for proposals and tenders

Search calls for proposals and tenders by keywords, programmes...



## Calls for proposals by EU Programme

3rd Health Programme (3HP)	Asylum, Migration and Integration Fund (AMIF)	Consumer Programme (CP)	Creative Europe (CREA)	European Defence Industrial Development Programme (EDIIP)	EU Aid Volunteers Programme (EUAID)	Erasmus+ Programme (EPLUS)	Europe For Citizens (EFC)
European Maritime and Fisheries Fund (EMFF)	European Statistics (ESTAT)	HERCULE III (HERC)	Horizon 2020 Framework Programme (H2020)	Internal Security Fund Borders and Visa (ISFB)	Internal Security Fund Police (ISFP)	Justice Programme (JUST)	Pilot Projects and Preparatory Actions (PPPA)
Programme for the Competitiveness of Enterprises and small and medium-sized enterprises (COSME)	Programme for the Environment and Climate Action (LIFE)	Promotion of Agricultural Products (AGRIP)	Research Fund for Coal & Steel (RFCS)	Rights, Equality and Citizenship Programme (REC)	Union Civil Protection Mechanism (UCPM)	Programming Period 2007-2013 (FP7 - CIP)	Overview of EU funding



# ITN proposal "anatomy"

**Part A**  
**- structured data -**

European Commission - Research - Participants  
Proposal Submission Forms  
Research Executive Agency

Horizon 2020  
Sub-programme  
Call: H2020-MSCA-ITN  
Topic: MSCA-ITN-2015  
Action: MSCA-ITN-2015  
Proposal Number: SEP-2015-1-015  
Proposal Acronym:

Table of contents

Section	Title
1	General information
2	Participants & contacts
3	Budget
4	Ethics
5	Call-specific questions

**Partner organisation in a separate table (manual entry, PIC highly encouraged but not mandatory)**

How to fill in the forms?  
The administrative forms must be filled in for each proposal using the template data fields in the administrative forms are pre-filled based on the previous steps.

Read more

H2020-ITN.pdf - Ver 1.54 20140318 Page 1 of 12 Last saved: 24/03/2014 at 16:08

**Part B**  
**- description of action -**

Annex 5  
Annex 5 - Part B Template

START PAGE

MARIE SKŁODOWSKA-CURIE ACTIONS  
Innovative Training Networks (ITN)  
Call: H2020-MSCA-ITN-2015

PART B

"PROPOSAL ACRONYM"

This proposal is to be evaluated as:  
[ETN] [EID] [EJD]  
(delete as appropriate)

Part B - Page X of Y  
Marie Skłodowska-Curie Actions, Guide for Applicants  
Innovative Training Networks 2015

Page 32 of 46

# ITN proposal Part A

- **Section 1:** General information (including Abstract)
- **Section 2:** Information on participants
- **Section 3:** Budget and recruitment tables
- **Section 4:** Ethics table

# ITN proposal Part B

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

START PAGE (1 page)

TABLE OF CONTENTS (1 page)

LIST OF PARTICIPATING ORGANISATIONS (max 2 pages)

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

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

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

**30 pages  
limit**

**Part B1: max  
34 pages**

## DOCUMENT 2 (Proposal Number-Acronym-Part B2)

**NO OVERALL PAGE LIMIT APPLIED**

4. EID SPECIFIC REQUIREMENTS (FOR EID ONLY)
5. CAPACITIES OF THE PARTICIPATING ORGANISATIONS
6. ETHICS ISSUES
7. LETTERS OF COMMITMENT



**Template available**



# ITN Evaluation Criteria

ITN: Marie Skłodowska-Curie Innovative Training Networks		
Excellence	Impact	Quality and efficiency of the implementation
Quality, innovative aspects and credibility of the research programme (including inter/multidisciplinary, intersectoral and, where appropriate, gender aspects)	Enhancing the career prospects and employability of researchers and contribution to their skills development	Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources, (including awarding of the doctoral degrees for <i>EID</i> and <i>EJD</i> projects)
Quality and innovative aspects of the training programme  (including transferable skills, inter/multidisciplinary, intersectoral and, where appropriate, gender aspects)	Contribution to structuring doctoral / early-stage research training at the European level and to strengthening European innovation capacity, including the potential for:  a) meaningful contribution of the non-academic sector to the doctoral/research training, as appropriate to the implementation mode and research field  b) developing sustainable joint doctoral degree structures (for <i>EJD</i> projects only)	Appropriateness of the management structures and procedures, including quality management and risk management (with a mandatory joint governing structure for <i>EID</i> and <i>EJD</i> projects)
Quality of the supervision (including mandatory joint supervision for <i>EID</i> and <i>EJD</i> projects)	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the infrastructure of the participating organisations
Quality of the proposed interaction between the participating organisations	Quality of the proposed measures to communicate the project activities to different target audiences	Competences, experience and complementarity of the participating organisations and their commitment to the programme
50%	30%	20%
<b>Weighting</b>		
<b>1</b>	<b>2</b>	<b>3</b>
<b>Priority in case of <i>ex aequo</i></b>		

# **Pay attention to differences between ETN/EID/EJD**



- **The proposal must be consistent with the requirements and objectives of the different modes (ETN/EID/EJD)**
- **Some of the evaluation criteria are specific to EID and/or EJD**

# Final check

- ✓ **Meet the eligibility requirements for the specific call/ITN implementation mode**
- ✓ **Follow the template guidance and format in the electronic submission system (access on the ITN 2020 call page)**
- ✓ **Address all evaluation criteria**
- ✓ **Do not submit at the last minute!**

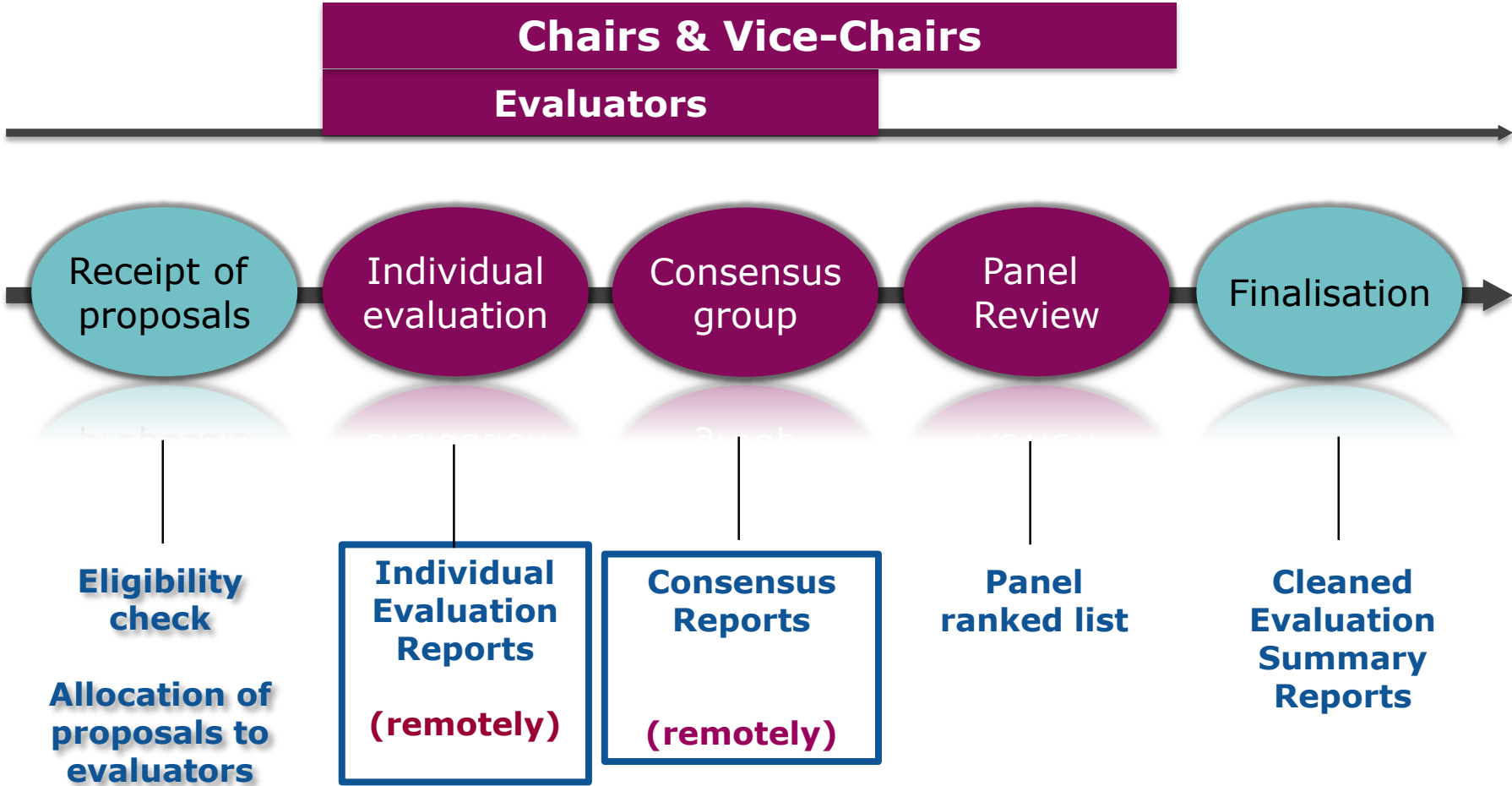


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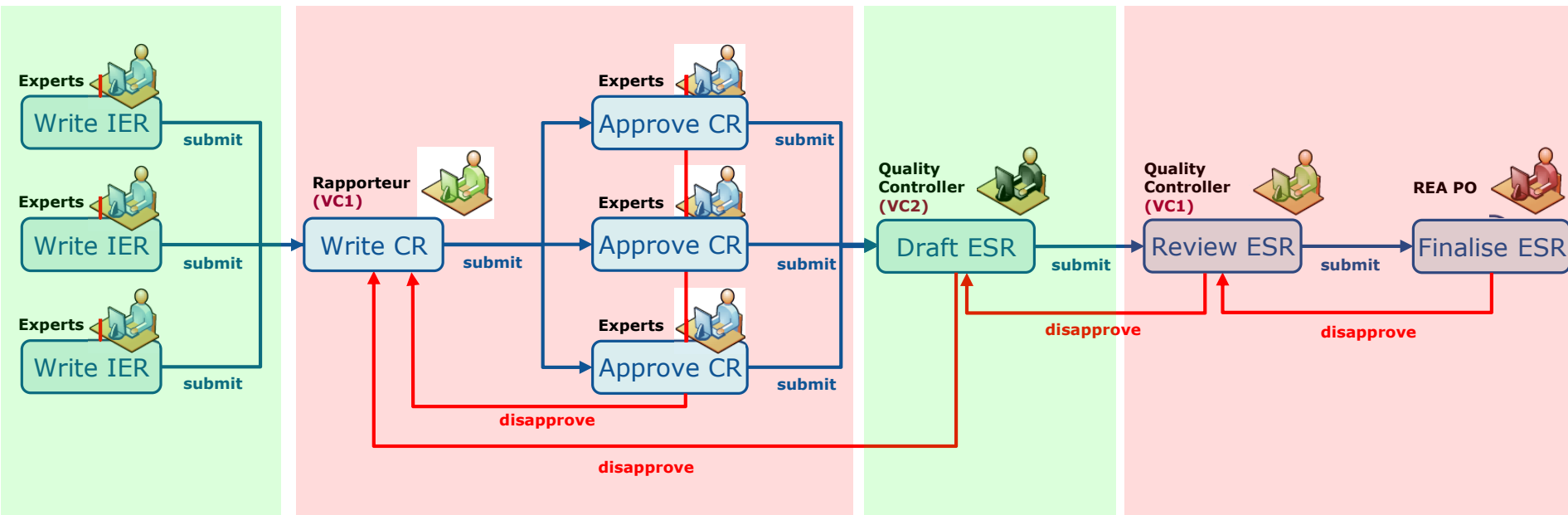
# Evaluation Process

## ITN Overview





# Workflow overview



# ITN 2019 evaluation

- **ITN-Chairs & Vice-Chairs: 10 Chairs, 206 Vice-Chairs**
  - 1 Vice-Chair per max. 10 proposals
  - 872 evaluators contracted and assigned to proposals
- **Remote IER phase:** 4665 IERs, 3 cases with a 4th expert
- **Remote Consensus phase:** 1554 CRs

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# BE participation as beneficiaries in H2020 ITN projects

H2020 Participations

**303** 0,26%  
of H2020

H2020 Unique Participants

**92** 0,18%  
of H2020

## H2020 Participant NET EU Contribution by Country / Region



# Top BE beneficiaries in H2020 ITN projects

## H2020 Participation Details

### Top Participants

Legal Name	Framework Programme	Country	City	H2020 Participations	H2020 Net EU Contribution	Legal Entity Type
<b>Totals</b>				<b>303</b>	<b>€ 119.594.773</b>	
KATHOLIEKE UNIVERSITEIT LEUVEN	H2020	BE - Belgium	LEUVEN	73	€ 39.461.232	HES
UNIVERSITEIT GENT	H2020	BE - Belgium	GENT	34	€ 14.896.256	HES
UNIVERSITE CATHOLIQUE DE LOUVAIN	H2020	BE - Belgium	LOUVAIN LA NEUVE	15	€ 6.447.120	HES
UNIVERSITEIT ANTWERPEN	H2020	BE - Belgium	ANTWERPEN	13	€ 5.546.880	HES
UNIVERSITE LIBRE DE BRUXELLES	H2020	BE - Belgium	BRUXELLES	10	€ 4.208.592	HES
UNIVERSITE DE LIEGE	H2020	BE - Belgium	LIEGE	10	€ 4.026.240	HES
VRIJE UNIVERSITEIT BRUSSEL	H2020	BE - Belgium	BRUSSEL	9	€ 4.020.480	HES
SIEMENS INDUSTRY SOFTWARE NV	H2020	BE - Belgium	LEUVEN	9	€ 3.024.000	OTH
VIB VZW	H2020	BE - Belgium	ZWIJNAARDE - GENT	6	€ 2.255.040	HES
UNIVERSITE DE MONS	H2020	BE - Belgium	MONS	5	€ 2.021.760	HES
PROCTER & GAMBLE SERVICES COMPANY NV	H2020	BE - Belgium	STROMBEEK BEVER	3	€ 2.016.000	OTH

# Top BE SMEs in H2020 ITN projects

## H2020 Participation Details

### Top SME Participants

Legal Name	Framework Programme	Country	City	H2020 SME Participations	H2020 SME Net EU Contribution
<b>Totals</b>				<b>39</b>	<b>€ 10.541.040</b>
INSTITUT VON KARMAN DE DYNAMIQUE DES FLUIDES	H2020	BE - Belgium	RHODE SAINT GENESE	5	€ 1.753.920
DIAGENODE	H2020	BE - Belgium	SERAING	5	€ 1.526.400
ICOMETRIX NV	H2020	BE - Belgium	LEUVEN	4	€ 1.509.120
NUMERICAL MECHANICS APPLICATIONS INTERNATIONAL SA	H2020	BE - Belgium	BRUXELLES	2	€ 800.880
FEOPS NV	H2020	BE - Belgium	GENT	2	€ 501.120
ONCORADIOMICS	H2020	BE - Belgium	LIEGE	1	€ 501.120
DNA VISION SA	H2020	BE - Belgium	GOSELIES	1	€ 256.320
INBIOSE NV	H2020	BE - Belgium	GENT	1	€ 256.320
LUGUS STUDIOS	H2020	BE - Belgium	HASSELT	1	€ 256.320
PRODIGEST	H2020	BE - Belgium	GENT ZWIJNAARDE	1	€ 256.320

# BE participation in H2020 ITN calls (number of signed grants involving BE beneficiaries)

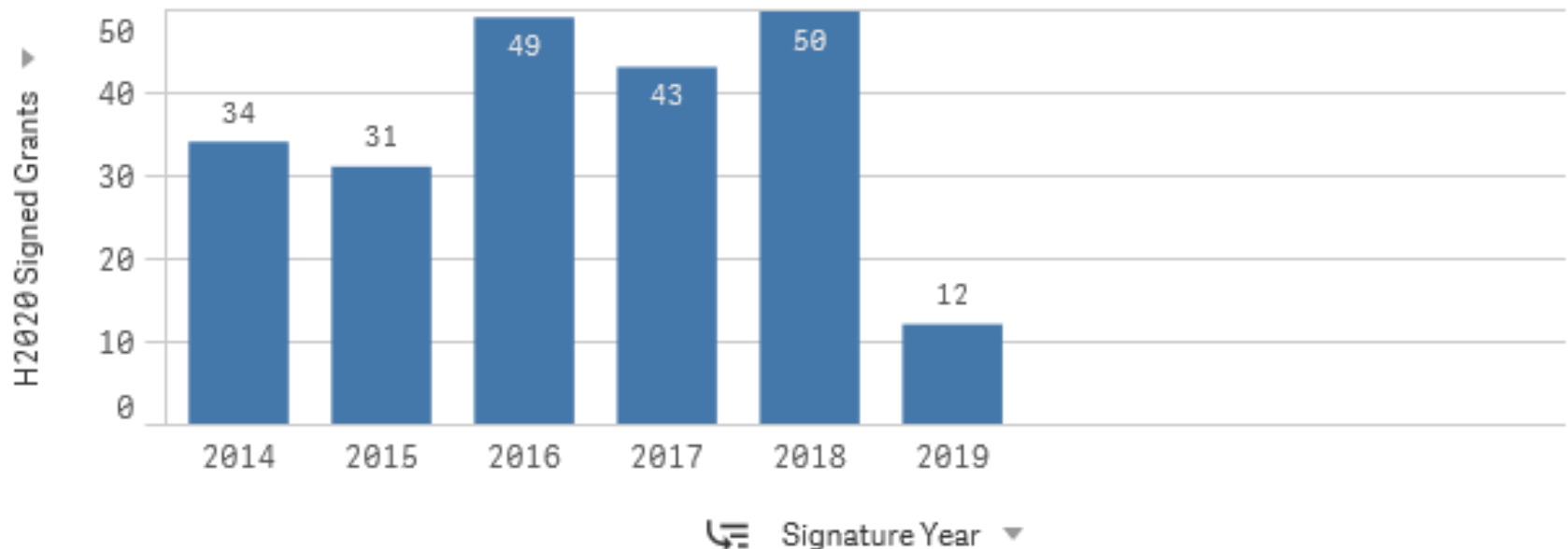
H2020 Signed Grants

219<sup>0,89%</sup>  
of H2020

H2020 EU Contribution

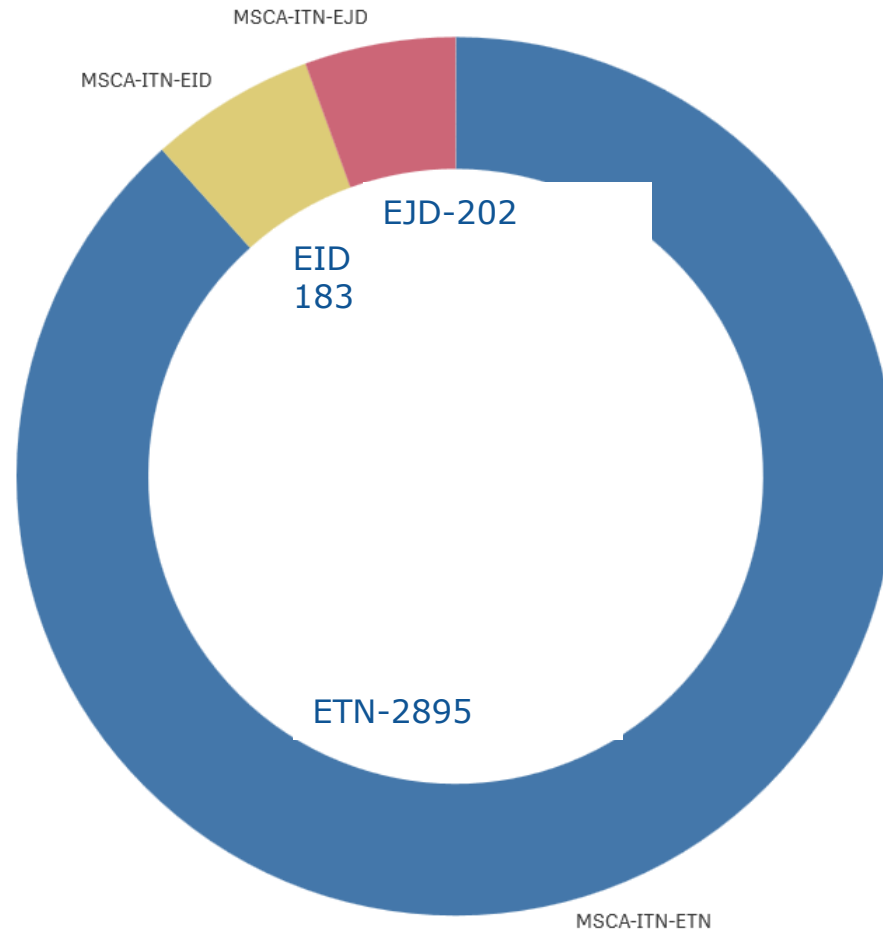
119,6M<sup>0,28%</sup>  
of H2020

Signed Grants / Participant EU Contribution by Project Signature Year / Month



# BE applications

Number of applications  
in H2020 ITN calls



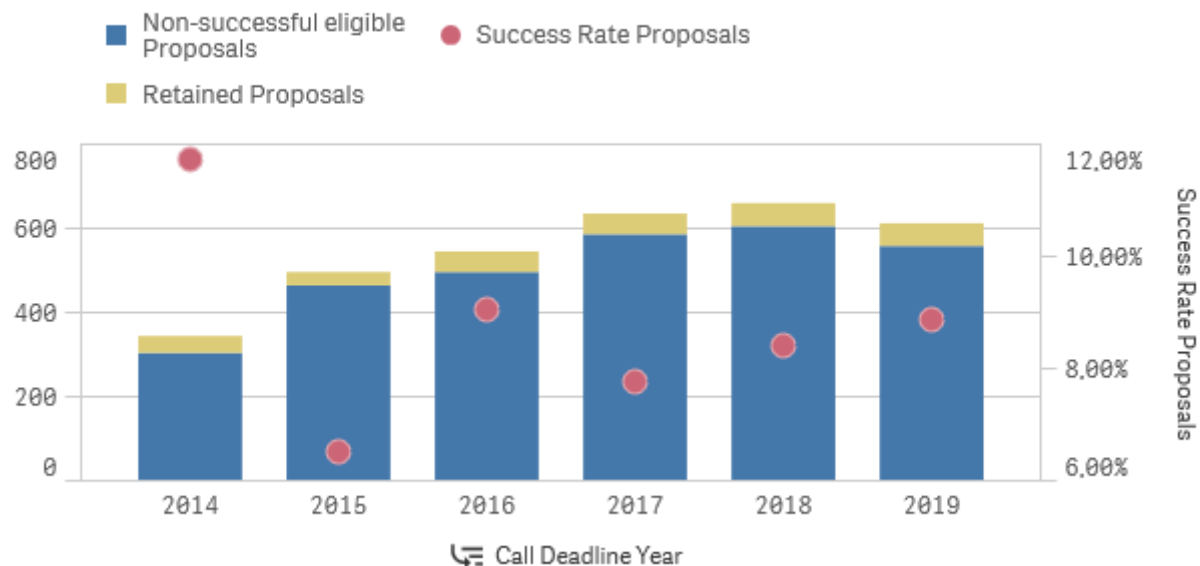


# BE success rates

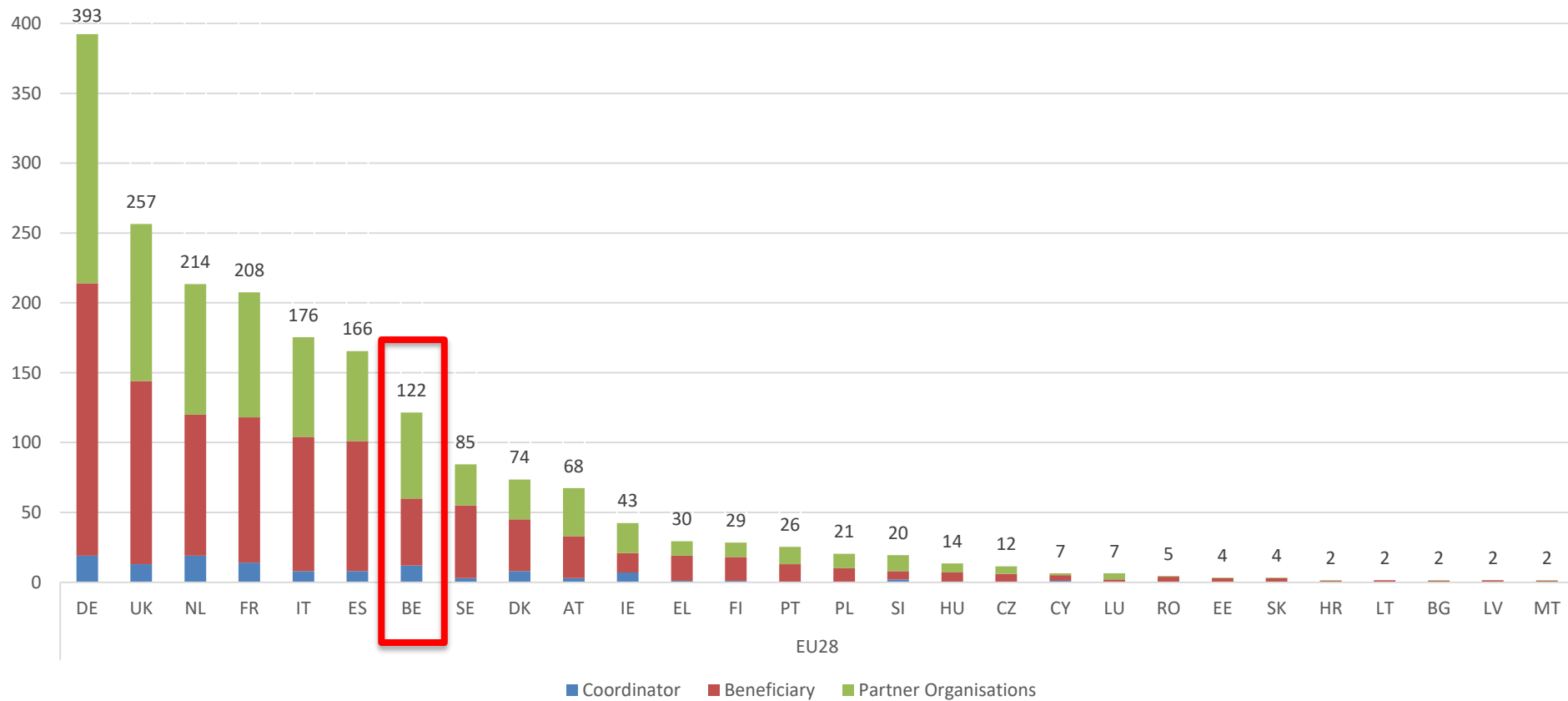
## Proposal Calls

Call Deadline Month	Call ID	Eligible Proposals	Eligible EU Contribution	Retained Proposals	Retained EU Contribution	Success Rate Proposals
<b>Totals</b>		<b>3.280</b>	<b>€ 1.392.863.963</b>	<b>279</b>	<b>€ 122.400.320</b>	<b>8,51%</b>
2014-04	H2020-MSCA-ITN-2014	342	€ 143.591.760	40	€ 18.938.160	11,70%
2015-01	H2020-MSCA-ITN-2015	494	€ 185.112.974	32	€ 14.783.040	6,48%
2016-01	H2020-MSCA-ITN-2016	543	€ 229.601.294	49	€ 24.429.600	9,02%
2017-01	H2020-MSCA-ITN-2017	633	€ 275.495.534	49	€ 18.952.080	7,74%
2018-01	H2020-MSCA-ITN-2018	658	€ 289.413.760	55	€ 20.306.240	8,36%
2019-01	H2020-MSCA-ITN-2019	610	€ 269.648.640	54	€ 24.991.200	8,85%

## Eligible / Retained Proposals by Call Deadline Year



# BE participation compared to other EU MS – ITN 2019 example



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# NCP – National Contact Points



SEARCH FUNDING & TENDERS ▾

HOW TO PARTICIPATE ▾

PROJECTS & RESULTS

WORK AS AN EXPERT

SUPPORT ▾



## National Contact Points for Horizon 2020

The network of National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance on all aspects of Horizon 2020.

Search by

Country(ies):

Choose country(ies) ▾



**Your country**

Function(s):

Marie Skłodowska-Curie Actions

**MSCA**



Contact

Recent

Organisation

Search

Clear

# H2020 manual

European Commission

RESEARCH & INNOVATION  
Participant Portal H2020 Online Manual

Search

**H2020 Online Manual**

- My Area - User account & roles
  - EU Login
  - Roles & access rights
  - Terms and Conditions of Use
- Grants
  - Applying for funding
    - Find a call
      - Horizon 2020 structure and budget
      - What you need to know about Horizon 2020 calls
    - Find partners or apply as individual
  - Register in the Participant Register
    - Registration of your organisation
    - LEAR appointment
    - Validation of potential beneficiaries
    - Bank account validation
    - Financial capacity assessment
    - Data update

My Area - User account & roles

### Grants

#### Applying for funding

Find a call → Find partners → Register an organisation → Submit a proposal

#### Evaluation & Grant signature

Admissibility and eligibility check → Evaluation of proposals → Grant preparation → Grant signature

#### Grant management

Keeping records   Amendments   Reports & payment requests   Deliverables

Dissemination & exploitation   Communicating your project   Acknowledgement of EU funding   Checks, audits, reviews & investigations

#### Working as an expert

Expert registration   Contracting & payment   Expert roles & tasks

# Where to find information for the ITN 2020 call?



## Funding and Tenders Portal

### H2020-MSCA-ITN-2020

### Call page

- ◆ Guide for Applicants 2020 (GfA)
- ◆ Work Programme (WP 2018-20)
- ◆ FAQs
- ◆ ...

The screenshot shows the European Commission's Funding & tender opportunities portal. The page is titled "Innovative Training Networks" and is for the MSCA-ITN 2020 call. It includes a navigation menu with options like "SEARCH FUNDING & TENDERS", "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT", and "SUPPORT". The main content area displays the call details, including the type of action, the work programme year (2020), and the topic description. The topic description states: "The Innovative Training Networks (ITNs) aim to train a new generation of creative, entrepreneurial and innovative early-stage researchers, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit. ITNs will raise excellence and structure research and doctoral training in Europe, extending the traditional academic research setting, incorporating elements of Open Science and engaging researchers with the right combination of research-related and transfered opportunities. It will provide enhanced career perspectives in both the academic and non-academic sectors through international, interdisciplinary and intersectoral mobility combined with an innovation-oriented mind-set." The page also includes a "Go back to search results" link and a "See budget overview" button.

***Thank you  
for your attention***

