Le principali novità del bando H2020-MSCA-ITN-2017 Innovative Training Networks (ITN)

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History of changes

Version	Date	Change	Page
1.0 2016.2	15.10.2015	▪ Initial version (2016 call)	
2.0 2017.1	15.09.2016	▪ Addition of the definition "Action"	5
		▪ Addition of an example in the description of EJD	10-11
		▪ Re-writing of the section "2.1 Beneficiaries" for clarification and addition of an example	11
		▪ Addition of a clarification about refugees in the section "3.4 Conditions of mobility of researchers"	17
		▪ Addition of a paragraph about open science in the section "4.1 Research and training activities"	18
		▪ Clarifications about open access and open data in the section "4.4 Communication and dissemination"	21
		▪ Addition of the "4.6 refugees" section	22
		▪ Removal of section "5.7 Research costs at premises other than those of the beneficiary"	25
		▪ Other minor corrections	
		▪ hyperlinks have been embedded in the text (where relevant)	

Definitions

- **Action**: under Horizon 2020, "action" refers to the specific project to be implemented by the beneficiary.

- **Coordinator** is the beneficiary that is taking the lead in the preparation of the proposal as the "proposal coordinator". For a given proposal, the coordinator acts as the single point of contact between the participants and the Research Executive Agency (REA).

- **Coordinator** is the beneficiary which is the central contact point for the Research Executive Agency (REA) and represents the consortium towards REA

- **Mobility Rule**: researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of the recruiting beneficiary for more than 12 months in the 3 years immediately before the recruitment date.

European Training Networks (ETN)

- An ETN must be composed of at least three beneficiaries established in at least three different MS or AC. All three legal entities must be independent of each other

European Industrial Doctorates (EID)

- An EID must be composed of at least two independent beneficiaries established in two different MS or AC. At least one beneficiary must come from the academic sector and at least one beneficiary from the non-academic sector, primarily enterprise (including SMEs).

- Additional beneficiaries and partner organisations can come from any sector. However, should none of the academic beneficiaries be entitled to award a doctoral degree a university or a consortium/grouping of academic/research institutions entitled to award a doctoral degree must be associated as a partner organisation.

- 'Non-academic sector' means any socio-economic actor not included in the academic sector and fulfilling the requirements of the Horizon 2020 Rules for Participation. This includes all fields of future workplaces of researchers, from industry to business, government, civil society organisations, cultural institutions, etc.

European Industrial Doctorates (EID)

- Each recruited researcher must:
  - Spend at least 50% of their time in the non-academic sector (at beneficiaries or partner organisations). **This inter-sectoral mobility must be between participating organisations located in different countries**. The specific percentage of time that each researcher will spend at each institution should therefore be indicated in the proposal.
  - Be enrolled in a doctoral programme at one of the academic beneficiaries or partner organisations;
  - be jointly supervised by at least two supervisors, one from each sector (academic and non-academic);

- The creation of a joint governance structure for the EID - with joint selection, supervision, monitoring and assessment procedures - is mandatory.

European Joint Doctorates (EJD)

- An EJD must be composed of at least three independent beneficiaries entitled to award doctoral degrees from three different MS or AC.

- A beneficiary from the academic sector which has transferred the right to award a doctoral degree to a consortium/grouping of academic/research institutions to which it belongs may also participate as a beneficiary (and would still count as a beneficiary entitled to award a doctoral degree):

- *Example: Through a reform of the French Higher Education and Research system in 2013, new legal structures were created. These COMUEs (Communautés d'universités et établissements) are entities that deliver diplomas on behalf of their members. However, the recruitment, hosting and training of researchers continues to take place at the individual participants of the COMUE, with only the awarding of the degree being outsourced. In this case, the individual members of the COMUE from the academic sector may apply for an EJD as beneficiaries, even though a different legal entity formally awards the degree.*

The overall **EU** contribution per grant agreement is limited to a <u>maximum</u> of:

- 540 person-months per network for **ETN** and **EJD**, as well as for an **EID** with more than 2 beneficiaries;
- 180 person-months per network for an **EID** with 2 beneficiaries.

Failure to respect these limits will result in the proposal being declared ineligible.

Note that the expert evaluators will carefully consider the requested number of person-months with respect to the coherence of the proposal and the capacities of the hosts.

Beneficiaries

- Regardless of their size, all beneficiaries must be able to **physically host at their premises,** provide all necessary infrastructure and equipment, and offer appropriate supervision to the recruited researchers The expert evaluators will therefore be asked to give an opinion on whether each beneficiary is able to offer a hosting environment commensurate with its role and involvement in the action (see Annex 2.3 below).

Where necessary, entities with a capital or legal link to the beneficiaries[5] may implement the tasks of hosting and training of researchers as described in Annex 1 of the Grant Agreement. The involvement of such entities must be clearly described and justified in the proposal and will be assessed as part of the evaluation. Note, however, that only beneficiaries can recruit researchers and the recruiting beneficiary remains fully responsible for the correct implementation of the action, for ensuring the eligibility of the recruited fellow, etc.

Example: *A university clinic depends on the regional health system and does not have legal personality of its own. The hospital has a foundation under its control and this foundation contracts researchers working at the university clinic. In this case, the foundation should apply as a beneficiary, describing the set-up and the competence of the university clinical hospital (entity with a legal link to the beneficiary) where the research training activities described in the proposal will be implemented.*

Attention: Research training performed at entities with a capital or legal link to the beneficiary is not considered as a secondment. A secondment is research training which takes place at a different beneficiary or partner organisation which does not have a capital or legal link with the beneficiary. The duration of a **secondment is limited to a maximum of 30%** of the research training (except for EID and EJD where time spent at other participating organisations, in line with the proposal description, is not affected by this limitation). The **work performed at an entity with a capital or legal link can be up to 100%** of the planned research training.

Partner Organisations

- Partner organisations **cannot directly claim any costs**. Instead, the costs they incur for activities in the research training programme are to be covered by the unit costs paid to the beneficiaries.

- There is no pre-defined number of partner organisations. When partner organisations are involved, beneficiaries are encouraged to include them in the consortium agreement (for the internal relationship between participating organisations).

Eligible Countries and their Role

- For the purposes of ITN, three main categories of countries can be distinguished:
    - EU Member States (MS)
    - Associated Countries (AC)
    - Non-Associated Third Countries (TC)

- Please note that entities from Overseas Countries and Territories (OCT) linked to the Member States are eligible for funding under the same conditions as entities from the Member States to which the OCT in question is linked. For a list of countries associated to Horizon 2020, see: http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf

Minimum Country Participation

Implementation Mode	Country of beneficiaries	
European Training Networks (ETN)	**Minimum: 3 different countries**: MS or AC	
European Industrial Doctorates (EID)	**EID with 2 beneficiaries**	**Minimum: 2 different countries**: MS or AC
	EID > 2 beneficiaries	**Minimum: 2 different countries**: MS or AC
European Joint Doctorates (EJD)	**Minimum: 3 different countries**: MS or AC	

Additional beneficiaries can be established in MS, AC or TC included in the list of countries eligible for funding provided in General Annex A to the Work Programme (see TC exceptional cases below). Partner organisations can be established anywhere in the world.

EID> 2 beneficiaries: Please note that beneficiaries of an EID with more than 2 beneficiaries, must be established **in more than 2 MS or AC** in order to respect the **40.0% rule (see below)**.

- **Note**: In the context of the consortium's composition, applicants should take into account that for **all ITN** (except for EID with only two beneficiaries**), no more than 40.0% of the total EU financial contribution** may be allocated to beneficiaries in the same country or to any one international European interest organisation or international organisation. This concerns the total amount of the budget allocated to a country and not the number of person-months. Proposals not complying with this condition will be considered ineligible.

- Note that an EID proposal with 3 beneficiaries from 2 different MS/AC would therefore also be considered ineligible.

Refugees

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Researchers with refugee status, as defined by the Geneva Convention, benefit from a less restrictive mobility rule: the refugee procedure (i.e. before refugee status is conferred) will not be counted as a period of residence/activity in the country of the beneficiary.

Open Science under Horizon 2020

- Applicants and beneficiaries should respect the Horizon 2020 strategic priority of Open Science. Open Science describes the on-going evolution in the modus operandi of doing research and organising science. These changes in the dynamics of science and research are enabled by digital technologies and driven by the globalisation of the scientific community. They have an impact on the way research is produced, accessed and utilised.

- Open Science is an inclusive process aimed at promoting diversity in science across the European Union and opening it to the general public, in order to better address the H2020 societal challenges and ensure that science becomes more responsive both to socio-economic demands and to those of European citizens. Open Science also provides significant new opportunities for researchers to disseminate, share, explore and collaborate with other researchers.

- Thus, the emergence of Open Science and its future growth should be taken into account in the training of doctoral candidates.

Networking Activities

- Training events offered within the network may also be opened to external researchers. Note, however, that costs for external researchers cannot be funded under the action

Open Access and Open Data under Horizon 2020

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Open Access: beneficiaries must ensure that peer-reviewed scientific publications resulting from ITN funding are deposited in open access repositories, i.e. free of charge online access for any user (see guidance on Article 29.2 in the Annotated Model Grant Agreement). A repository number for each publication must be provided in the action reports.

Open Data: beneficiaries will engage in research data sharing by default, as stipulated under Article 29.3 of the Horizon 2020 Model Grant Agreement (including the creation of a Data Management Plan). Participants may, however, opt out of these arrangements, both before and after the signature of the grant agreement. Note that information related to Open Research Data provided in the proposal will not be subject to evaluation. In other words, proposals will not be evaluated negatively because they opt-out of the data sharing.

Further information on the Data Management Plan can be found in the documents section of the Participant Portal.

Refugees

- The integration of refugees is a key priority for the EU, and the MSCA are fully committed to ensuring that equal opportunities are provided to researchers whose scientific careers have been interrupted. Therefore if appropriate to the objectives of the proposal applicants are encouraged to include activities that could foster the successful integration of researchers who are refugees. This could take form of providing such refugees and their colleagues with particular services and training in the social and professional integration of refugee researchers within host countries. In addition, skills in building collaborations with countries in post-war recovery could prove valuable in the career of any researcher.

Overview Table

		ETN	EID		EJD
			2 Beneficiaries	**≥ 3 Beneficiaries**	
BENEFICIARY (IES)	**Minimum No. of beneficiaries**	3	2	3	3
	Minimum MS or AC	3	2	2	3
	Academic sector	No restrictions	Minimum 1		Minimum 3 entitled to award doctoral degrees
	Non-academic sector	No restrictions	Minimum 1		No restrictions
	Max no. of person months	540	180	540	540
	Max 40.0% budget for 1 country	Mandatory	N/A	Mandatory	Mandatory
Beneficiary (or partner organisation) awarding PhD		Optional	Mandatory (1 beneficiary or partner organisation)		Mandatory for minimum 3 beneficiaries
Joint award of PhD		Optional	Optional		Mandatory
Joint degree – letter of institutional commitment		N/A	N/A		Mandatory
Joint supervision for ESRs		Encouraged	Mandatory (from the 2 sectors)		Mandatory
ESRs enrolment in the PhD		Optional	Mandatory		Mandatory
Intersectoral mobility must be international		Optional	Mandatory		Optional
Secondments: international, intersectoral, interdisciplinary		≤ 30%	*Min 50% stay in the non-academic sector*		≤ 30%
Partner Organisation: Letter of Commitment		Mandatory			
Ranking lists		8 (Scientific) panels	1 Multidisciplinary		1 Multidisciplinary
Budget		€370 mn	€28 mn		€32 mn

call budget

2016 indicative call budget: € 370.00 million.

Of this amount, €25 million is allocated to EID and €28 million to EJD.

2017 indicative call budget: € 430.00 million.

Of this amount, €28 million is allocated to EID and €32 million to EJD.

Evaluation Criteria and Procedure

- To be considered **admissible**, a proposal must be:

  (a) submitted in the electronic submission system **before the call deadline**;

  (b) readable, accessible and printable

- For this call a proposal will only be considered **eligible** if it meets all of the following conditions:

- It complies with all eligibility conditions indicated in the Work Programme, including the **minimum number, country** and, where applicable, **sector of beneficiaries** or **doctoral degree-awarding beneficiaries**, according to the implementation mode (i.e. ETN, EID or EJD);

- The content of the proposal **relates to the funding scheme,** including any special conditions set out in the relevant parts of the MSCA Work Programme.

NEW! Part B must be submitted as two separate two documents:

Document 1 must comprise of the Start Page, List of Participants data (including non-academic sector beneficiaries and declarations tables), and sections 1-3. The maximum total length for this document is 33 pages (1 page for the Start Page, 2 pages (max) for the List of Participants data, and 30 pages for sections 1 to 3: section 1 must start on page 4).The page limits will be strictly applied. Experts will be instructed to disregard any excess pages.

Document 2 must consist of sections 4-7 of Part B. No overall page limit is applicable to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and half a page per partner organisation).

(see also Annex 4 below)

2016

NB: Part B must be submitted as two separate documents:

Document 1 must comprise of the Start Page, Table of Contents, List of Participating Organisations data (including non-academic sector beneficiaries and declarations tables), and sections 1-3. The maximum total length for this document is 34 pages (1 page for the Start Page, 1 page for the Table of Contents, 2 pages (max) for List of Participating Organisations data, and 30 pages for sections 1 to 3: section 1 must start on page 5). The page limits will be strictly applied. Expert evaluators will be instructed to disregard any excess pages.

Document 2 must consist of sections 4-7 of Part B. No overall page limit is applicable to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and half a page per partner organisation).

(see also Annex 4 below)

2017

Operational Capacity

Compliance with the **selection criteria** will also be verified:

Operational Capacity

- The operational capacity of the proposed beneficiaries is assessed at the proposal stage and also verified during the grant preparation phase for successful proposals. Operational capacity determines whether an applicant has the basic operational resources and capacity to implement the action, and, in particular, their planned role and responsibilities within the proposal (including recruiting, hosting and supervising the research of an Early Stage Researcher). This assessment is based on the information to be provided in the proposal section 5 of the part B (Participating Organisations tables, please see page 51).

- Should the experts evaluating the proposal reach a consensus that one or more applicants lack sufficient operational capacity to carry out the tasks assigned to them, the experts will continue to evaluate the proposal as if the applicant(s) in question were not included, i.e. disregarding their activities and their estimated budget

Annex 6 – Guidance for Descriptors Selection and List of Descriptors

Guidance for Descriptors Selection

The European Training Networks (ETN) will have a ranking list for each of the 8 scientific areas. For the European Industrial Doctorate (EID) and European Joint Doctorate (EJD) panels, one multidisciplinary ranking list for each will be created.

In the electronic submission system (SEP) the applicants should choose the scientific area and descriptors (keywords) carefully since this will guide the REA in the selection of the most appropriate experts for the proposal evaluation. The number of descriptors will range from three (3) to five (5) as explained below. Applicants must:

1) Select the **area of research** (e.g. CHE) in which the proposal best fits, in **section 1** of the proposal submission forms. This should be considered as the core discipline of the proposal.

2) Within the most relevant **sub-area of research** (e.g. C1-Synthetic Chemistry and Materials), select **the first descriptor** that best characterises the subject of the proposal (e.g. Colloid Chemistry).

3) **The second descriptor** that best characterises the subject of the proposal must be selected within the area of research (e.g. CHE) that has been selected in step 2.

4) **Third descriptor**: it is mandatory to select at least one (1) additional descriptor which can be chosen from any of the eight (8) areas of research.

5) If needed, you may **add a further two (2) additional descriptors** chosen freely.

Please note that you should select the descriptors **in order of importance**, the first being the most important.

To help you select the most relevant area for your proposal, the **following list provides a breakdown of each scientific area into a number of descriptors.**

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