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

1. ITN-2020: Topics & Planning
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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

<table>
<thead>
<tr>
<th>Beneficiary</th>
<th>Partner Organisation</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Member State (MS) or H2020 Associated Country (AC)</td>
<td>Any Country</td>
</tr>
<tr>
<td>Recruit researchers</td>
<td>Do NOT recruit researchers</td>
</tr>
<tr>
<td>Trains/hosts seconded researchers</td>
<td></td>
</tr>
<tr>
<td>Sign Grant</td>
<td>Do NOT sign Grant</td>
</tr>
<tr>
<td>Claim costs</td>
<td>Do NOT Claim costs</td>
</tr>
<tr>
<td>Overall implementation</td>
<td>Letter of Commitment required</td>
</tr>
</tbody>
</table>
Early-Stage Researchers

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

- ≤ 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 (≤30% time)
✓ Joint supervision recommended
✓ Partner organisations (any country/sector)
✓ Typically 6-10 beneficiaries
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: ≥3 organisations = Max 540 person-months
- Each ESR enrolled in a PhD
- Each ESR spends ≥ 50% time in non-academic sector
- Each ESR spends ≥ 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
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

Beneficiaries

Partner organisations

European Commission
**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

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

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living * allowance</td>
<td>Management and indirect costs</td>
</tr>
<tr>
<td>Mobility allowance</td>
<td></td>
</tr>
<tr>
<td>Family allowance</td>
<td></td>
</tr>
<tr>
<td>Research, training and networking costs</td>
<td></td>
</tr>
<tr>
<td>3,270</td>
<td>1,200</td>
</tr>
<tr>
<td>600</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>1,800</td>
</tr>
</tbody>
</table>
Content

1. ITN-2020: Topics & Planning
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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 (EDIDP)
- EU Aid Volunteers Programme (EUVOL)
- 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 (PPIA)
- Programme Period 2007-2013 (FP7-CIP)
- Overview of EU funding
- 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 (AGRP)
- Research Fund for Coal & Steel (RFCS)
- Rights, Equality and Citizenship Programme (REC)
- Union Civil Protection Mechanism (UCPM)
ITN proposal "anatomy"

**Part A**
- structured data -

- General information
- Participants & contacts
- Budget
- Ethics
- Call-specific questions

**Part B**
- description of action -

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

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**

<table>
<thead>
<tr>
<th>Excellence</th>
<th>Impact</th>
<th>Quality and efficiency of the implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality, innovative aspects and credibility of the research programme (including inter/multidisciplinary, intersectoral and, where appropriate, gender aspects)</td>
<td>Enhancing the career prospects and employability of researchers and contribution to their skills development</td>
<td>Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources, (including awarding of the doctoral degrees for EiD and EJD projects)</td>
</tr>
<tr>
<td>Quality and innovative aspects of the training programme (including transferable skills, inter/multidisciplinary, intersectoral and, where appropriate, gender aspects)</td>
<td>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 EJD projects only)</td>
<td>Appropriateness of the management structures and procedures, including quality management and risk management (with a mandatory joint governing structure for EiD and EJD projects)</td>
</tr>
<tr>
<td>Quality of the supervision (including mandatory joint supervision for EiD and EJD projects)</td>
<td>Quality of the proposed measures to exploit and disseminate the project results</td>
<td>Appropriateness of the infrastructure of the participating organisations</td>
</tr>
<tr>
<td>Quality of the proposed interaction between the participating organisations</td>
<td>Quality of the proposed measures to communicate the project activities to different target audiences</td>
<td>Competences, experience and complementarity of the participating organisations and their commitment to the programme</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>50%</th>
<th>30%</th>
<th>20%</th>
</tr>
</thead>
</table>

**Weighting**

1 2 3

**Priority in case of ex aequo**
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!
Content

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Evaluation Process
ITN Overview

Receipt of proposals → Individual evaluation → Consensus group → Panel Review → Finalisation

Chairs & Vice-Chairs

Evaluators

Eligibility check
Allocation of proposals to evaluators

Individual Evaluation Reports (remotely)
Consensus Reports (remotely)
Panel ranked list
Cleaned Evaluation Summary Reports
Workflow overview

Experts
Write IER
submit

Experts
Write IER
submit

Experts
Write IER
submit

Write CR

Approve CR

Experts
Approve CR
submit

Quality Controller (VC2)
submit
disapprove

Draft ESR

Review ESR

Finalise ESR

Experts

Experts

Rapporteur (VC1)
submit
disapprove

Quality Controller (VC1)
submit
disapprove
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

<table>
<thead>
<tr>
<th>Legal Name</th>
<th>Framework Programme</th>
<th>Country</th>
<th>City</th>
<th>H2020 Participations</th>
<th>H2020 Net EU Contribution</th>
<th>Legal Entity Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>KATHOLIEKE UNIVERSITEIT LEUVEN</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>LEUVEN</td>
<td>73</td>
<td>€30,461.232</td>
<td>HES</td>
</tr>
<tr>
<td>UNIVERSITEIT GENT</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>GENT</td>
<td>34</td>
<td>€14,896.255</td>
<td>HES</td>
</tr>
<tr>
<td>UNIVERSITE CATHOLIQUE DE LOUVAIN</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>LOUVAIN LA NEUVE</td>
<td>15</td>
<td>€6,447.128</td>
<td>HES</td>
</tr>
<tr>
<td>UNIVERSITEIT ANTWERPEN</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>ANTWERPEN</td>
<td>13</td>
<td>€5,546.880</td>
<td>HES</td>
</tr>
<tr>
<td>UNIVERSITE LIBRE DE BRUXELLES</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>BRUXELLES</td>
<td>10</td>
<td>€4,288.592</td>
<td>HES</td>
</tr>
<tr>
<td>UNIVERSITE DE LIEGE</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>LIEGE</td>
<td>10</td>
<td>€4,926.248</td>
<td>HES</td>
</tr>
<tr>
<td>VRIJE UNIVERSITEIT BRUSSEL</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>BRUSSEL</td>
<td>9</td>
<td>€4,920.480</td>
<td>HES</td>
</tr>
<tr>
<td>SIEMENS INDUSTRY SOFTWARE NV</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>LEUVEN</td>
<td>9</td>
<td>€3,024.600</td>
<td>OTH</td>
</tr>
<tr>
<td>VIB VZW</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>ZIJUNAARDE - GENT</td>
<td>6</td>
<td>€2,255.049</td>
<td>HES</td>
</tr>
<tr>
<td>UNIVERSITE DE MONS</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>MONS</td>
<td>5</td>
<td>€2,021.760</td>
<td>HES</td>
</tr>
<tr>
<td>PROCTER &amp; GAMBLE SERVICES COMPANY NV</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>STROMBEEK BEVER</td>
<td>3</td>
<td>€2,016.000</td>
<td>OTH</td>
</tr>
</tbody>
</table>
# Top BE SMEs in H2020 ITN projects

## H2020 Participation Details

### Top SME Participants

<table>
<thead>
<tr>
<th>Legal Name</th>
<th>Framework Programme</th>
<th>Country</th>
<th>City</th>
<th>H2020 SME Participations</th>
<th>H2020 SME Net EU Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTITUT VON KARMAN DE DYNAMIQUE DES FLUIDES</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>RHODE SAINT GENESSE</td>
<td>5</td>
<td>€1,753.920</td>
</tr>
<tr>
<td>DIAGENODE</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>SERAING</td>
<td>5</td>
<td>€1,526.400</td>
</tr>
<tr>
<td>ICOMETRIX NV</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>LEUVEN</td>
<td>4</td>
<td>€1,509.120</td>
</tr>
<tr>
<td>NUMERICAL MECHANICS APPLICATIONS INTERNATIONAL SA</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>BRUXELLES</td>
<td>2</td>
<td>€800.880</td>
</tr>
<tr>
<td>FEOPS NV</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>GENT</td>
<td>2</td>
<td>€501.120</td>
</tr>
<tr>
<td>ONCORADIOMICS</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>LIEGE</td>
<td>1</td>
<td>€501.120</td>
</tr>
<tr>
<td>DNA VISION SA</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>GOSSELIES</td>
<td>1</td>
<td>€256.320</td>
</tr>
<tr>
<td>INBIOSE NV</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>GENT</td>
<td>1</td>
<td>€256.320</td>
</tr>
<tr>
<td>LUGUS STUDIOS</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>HASSELT</td>
<td>1</td>
<td>€256.320</td>
</tr>
<tr>
<td>PRODIGEST</td>
<td>H2020</td>
<td>BE - Belgium</td>
<td>GENT ZWIJNAARDE</td>
<td>1</td>
<td>€256.320</td>
</tr>
</tbody>
</table>
BE participation in H2020 ITN calls (number of signed grants involving BE beneficiaries)

H2020 Signed Grants: 219, 0.89% of H2020

H2020 EU Contribution: 119.6M, 0.28% of H2020

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

- 2014: 34
- 2015: 31
- 2016: 49
- 2017: 43
- 2018: 50
- 2019: 12
BE applications

Number of applications in H2020 ITN calls

- EJD-202
- EID 183
- ETN-2895
- MSCA-ITN-EID
- MSCA-ITN-EJD
- MSCA-ITN-ETN
# BE success rates

## Proposal Calls

<table>
<thead>
<tr>
<th>Call Deadline Year</th>
<th>Call ID</th>
<th>Eligible Proposals</th>
<th>Eligible EU Contribution</th>
<th>Retained Proposals</th>
<th>Retained EU Contribution</th>
<th>Success Rate Proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-04</td>
<td>H2020-MSCA-ITN-2014</td>
<td>342</td>
<td>€143,591,760</td>
<td>40</td>
<td>€18,938,160</td>
<td>11.7%</td>
</tr>
<tr>
<td>2015-01</td>
<td>H2020-MSCA-ITN-2015</td>
<td>494</td>
<td>€185,112,974</td>
<td>32</td>
<td>€14,783,040</td>
<td>6.48%</td>
</tr>
<tr>
<td>2016-01</td>
<td>H2020-MSCA-ITN-2016</td>
<td>543</td>
<td>€229,501,294</td>
<td>49</td>
<td>€24,429,600</td>
<td>9.02%</td>
</tr>
<tr>
<td>2017-01</td>
<td>H2020-MSCA-ITN-2017</td>
<td>633</td>
<td>€275,495,534</td>
<td>49</td>
<td>€18,952,080</td>
<td>7.74%</td>
</tr>
<tr>
<td>2019-01</td>
<td>H2020-MSCA-ITN-2019</td>
<td>610</td>
<td>€269,648,640</td>
<td>54</td>
<td>€24,991,200</td>
<td>8.85%</td>
</tr>
</tbody>
</table>

## Eligible / Retained Proposals by Call Deadline Year

- **Non-successful eligible Proposals**
- **Success Rate Proposals**
- **Retained Proposals**

![Graph showing proposal success rates by call deadline year](image)
BE participation compared to other EU MS – ITN 2019 example
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NCP – National Contact Points

The network of National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance on all aspects of EU-funded research and innovation programmes.

Search by

- **Country(ies):** Choose country(ies)
- **Function(s):** Marie Skłodowska-Curie Actions

Order By:
- Contact
- Recent
- Organisation
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
- ...
Thank you for your attention