



MANUNET TRANSNATIONAL CALL 2019

## **GUIDELINES FOR APPLICANTS**



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## 1. What is MANUNET?

MANUNET is a network of Governments under the European Horizon 2020 Programme targeted towards achieving co-ordinated calls in order to finance R&D in Manufacturing.

MANUNET is funding transnational research projects in the field of Manufacturing by offering coordinated calls from the participating regional & national governments.

The main objective of MANUNET is to strengthen Europe's industrial capacities and business perspectives with special focus on SMEs (SMEs as defined in the Annex 1 of the Commission Regulation No 651/2014<sup>1</sup>) by establishing cross-border partnerships through the mentioned co-ordinated calls. Added regional/national value through this transnational co-operation is one of the critical success factors for transnational project support within the MANUNET ERA-NET frame.

## 2. CALL ANNOUNCEMENT

### 2.1. Participating countries/regions

The countries / regions listed below (and referred to as programme participants) are participating in MANUNET 2019 Call. Applicants from these countries / regions may expect funding through MANUNET programme. Applicants from other countries / regions may participate in the project consortia at their own expenses.

<sup>1</sup> Enterprises are qualified as micro, small and medium-sized enterprises (SMEs) if they fulfill the criteria laid down in the Annex 1 of the Commission Regulation No 651/2014 which are summarized in the table below. In addition to the staff headcount ceiling, an enterprise qualifies as an SME if it meets either the turnover ceiling or the balance sheet ceiling, but not necessarily both.

Enterprise category	Headcount	Turnover	or	Balance sheet total
medium-sized	< 250	≤ € 50 million		≤ € 43 million
Small	< 50	≤ € 10 million		≤ € 10 million
Micro	< 10	≤ € 2 million		≤ € 2 million

**Countries:**

Germany  
Ireland  
Luxembourg  
Romania  
Russian Federation  
Turkey



**Regions:**

Asturias (ES)  
Basque Country (ES)  
Castilla y León (ES)  
Catalonia (ES)  
Gelderland (ND)  
Navarra (ES)  
Overijssel (ND)  
Piedmont (IT)  
Wallonia (BE)

**2.2. Objectives and Topics**

The strategic objective of the MANUNET Call 2019 is to enhance the competitiveness of Europe’s Manufacturing Industry by supporting the funding of Manufacturing research projects performed by enterprises and their strategic partnerships. Projects will typically be smaller than projects submitted to the EU Framework Programme and they will benefit from accelerated funding decisions.

The funding objectives of the call are trans-national application oriented and high risk R&D projects related to Manufacturing. The project proposals must clearly demonstrate:

- Transnational, collaborative R&D with a significant degree of innovation and scientific and technical risk
- SME strong participation
- Market orientation
- Application and practical use of manufacturing technologies
- Expertise of the project partners in their respective fields of competence
- Added value through transnational cooperation
- Scale of impact and market positioning of the applicant

The MANUNET Call 2019 for proposals includes all fields in Manufacturing, structured in the following topics:

1. Knowledge-based engineering, information and communication technologies for manufacturing, including technologies for Industry 4.0 (for example industrial robotics, computer-aided engineering and design, automated manufacturing, zero defect manufacturing, product lifetime management, cyber-physical systems, IoT, control, big-data, analytics, connectivity and mobility, augmented reality, cyber security for processes, etc.).
2. Manufacturing technologies for environmental and energy applications including resource efficiency, recycling (reuse, remanufacturing, etc) and circular economy in manufacturing processes.
3. Adaptive manufacturing technologies including processes for removing, joining, adding, forming, consolidating, assembling and related advanced industrial machinery.
4. Additive manufacturing (for example technologies, materials, products etc.)
5. New materials for manufacturing (alloys, lubricants, coatings, textile fibres, construction, composites, insulation, multi-functional multi-materials etc.).
6. New manufacturing methods, components and systems (development of demonstrators, devices, tooling and equipment, logistic systems, etc.).
7. Other technologies, products and services related to the manufacturing field (logistic, supply chain, etc.)

The following figure indicates the supported topics per participating country/region.

Topics per Region/Country							
Region/ Country	1. Knowledge- based engineering , ICT, industry 4.0 for manufacturing	2. Manufacturing technologies for environmental and energy applications including circular economy	3. Adaptive manufacturing technologies	4. Additive manufacturing	5. New materials for manufacturing	6. New methods, components and systems for manufacturing	7. Other technologies, products, services for manufacturing
Asturias (IDEPA-Spain)	•	•	•	•	•	•	•
Basque Country (Spain)	•	•	•	•	•	•	•
Castilla y Leon (ICE - Spain)	•	•	•	•	•	•	•
Catalonia (ACCIO - Spain)	•	•	•	•	•	•	•
Gelderland (The Netherlands)	•	•	•	•	•	•	•
Germany (KIT)	•					•	
Ireland (ENTERPRISE IRELAND)	•	•	•	•	•	•	•
Luxembourg (LUXINNOVATION)	•	•	•	•	•	•	•
Navarra (Spain)	•	•	•	•	•	•	•
Overijssel (The Netherlands)	•	•	•	•		•	•
Piedmont (FINPIEMONTE- Italy)	•	•	•	•	•	•	•
Romania (UEFISCDI)	•	•	•	•	•	•	•
Russian Federation (FASSIE)	•	•	•	•	•	•	•
Turkey (TUBITAK)	•	•	•	•	•	•	•
Wallonia (SPW-DGO6- Belgium)	•	•	•	•	•	•	•

However, the respective regional/national thematic programme focus must be taken into account. To obtain detailed programme priorities it is strongly recommended to check Annex 2 and Annex 3 or contact your regional/national funding agency.

### 2.3. Eligible Project Structure

All MANUNET projects should be designed on the following principle:

- Consortia must comprise **at least 2 separate legal entities belonging to 2 participating countries.**
- Consortia must include at least **2 independent SMEs** which can belong to the same country/region.
- Large companies, academic research groups, universities or other public organisations may also participate according to their regional/national financing regulations, as long as there are 2 independent SMEs.
- The composition of the consortium should be efficient in size in order to accomplish the objectives proposed. However, we expect small medium projects with no more than 4 or 5 partners.

### 2.4. Project Budget and Size

No overall budget limits have been defined at MANUNET level, but regional/national limits regarding the level of funding will apply. Efficient and small to medium size consortia projects are expected (2-3 countries).

### 2.5. Project Duration

The project duration should be appropriate to the objectives of the research, but not exceeding 24 months in total.

### 2.6. Dates and Deadlines

ACTION	Date
Call opening	Monday 14 <sup>th</sup> January 2019
Deadline for pre-proposals	Thursday 21 <sup>st</sup> March 2019, 12:00 (CET)
Feedback to applicants	May 2019
Deadline for full proposals	Thursday 11 <sup>th</sup> July 2019, 12:00 (CET)
Communication of the evaluation results	October 2019
Start of projects	Contact national/regional agency

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## 2.7. Funding Rules

Funding is provided according to the “nationality principle”, meaning that each participating national/regional funding agency funds their respective national/regional applicants in a particular project partnership. Funding is subject to national/regional eligibility regulations and project partners should check their eligibility for funding prior to submission (see Annex 2 and Annex 3).

For some countries/regions additional documents or data may be required by the indicated national/regional contact points.

Applicants are strongly advised to contact their regional/national contact person (Annex 3) and request information on the specific national/regional requirements.

## 3. APPLICATION PROCEDURE

The MANUNET application process will be in 2 stages. Proposals must be prepared and submitted electronically using the MANUNET electronic submission system (ESS) accessible at (<https://submission.manUNET.net/preproposal>). For more information about the submission procedure a ESS User’s Manual is available in the following link: [https://submission.manUNET.net/preproposal/Content/files/2019\\_ESS\\_Users\\_manual.pdf](https://submission.manUNET.net/preproposal/Content/files/2019_ESS_Users_manual.pdf)

The ESS provides proposal templates to be filled in. Only fully completed proposals can be submitted. A full explanation of the proposal template and information requested can be found in the ESS User’s Manual. The ESS will generate a .pdf document of your proposal for download.

The coordinator should fill in the webtool on behalf of the whole consortium and submit the proposal. Thus, only one online proposal per project is needed. Only proposals submitted in the ESS before the closure of the call will be considered for evaluation.

Proposals shall be submitted in English. Other languages shall not be accepted.

All budget data indicated in the online form have to correspond to those indicated in the regional/national application.

National/regional funding organisations and evaluators shall maintain strict confidentiality with respect to the proposals and the whole evaluation process.



### 3.1. First stage: pre-proposals

**Submission:** In the first stage (mandatory for all applicants), the Coordinator of the project has to submit electronically a pre-proposal through the ESS: <https://submission.manunet.net>

**Content of the pre-proposal on-line form:** the pre-proposal form briefly addresses summary, consortium description, project merits, cost calculation and results and exploitation. The Pre-Proposal gives an overview on the whole project. A more detailed description of the pre-proposal on-line template is available in the ESS User's Manual.

**Evaluation:** Pre-proposals that are submitted correctly and within the deadline will be checked for eligibility at transnational level (see 2.3 Eligible project structure) by the Call Secretariat. Following this, each funding agency will formally check proposals involving applicants from their country/region against national/regional eligibility criteria.

The Pre-Proposal phase will be used to guarantee that only high-quality proposals which are in line with national/regional requirements are invited to the Full-Proposal stage: in phase 1 the funding agencies will verify the preliminary quality of proposals.

In order to ensure a reasonable balance of requested and available national/regional budgets, all Funding Agencies will be requested to avoid oversubscription in the full proposal phase exceeding a factor of 2.5.<sup>2</sup>

Applicants will be provided with feedback after the review of their Pre-Proposal, including a recommendation to submit (or not) a full proposal.

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<sup>2</sup> Oversubscription factor: the ratio between the total requested funds from all the applicants from a given country or region, and the amount available for the corresponding funding agency in that call.

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### 3.2. Second stage: full proposals

**Submission:** Coordinators of the projects eligible for the second step of the MANUNET assessment procedure will be able to access the electronic submission system in order to submit the full proposal.

As a rule, changes with respect to the objectives, consortium or project costs of the pre-proposal will not be allowed in the full proposal (unless they will be agreed and authorised by the funding agencies). Any other change from pre to full proposal must be first confirmed and approved by the involved funding organisations.

**Content of the full proposal on-line form:** the full proposal contains the following sections: summary, consortium description, description of work, cost calculation and results and exploitation. More details are expected with explanations in depth. The full proposal gives an overview of the whole project and describes all national project parts.

A more detailed description on the full-proposal on-line template is available in the ESS User's Manual.

**Project monitoring:** in the full-proposal form in the ESS, project coordinators will have to consent to provide the data that will be required for the monitoring of the project, both during the project implementation and after the project ends.

**Evaluation:**

Only full proposals that are submitted correctly and within the deadline will be considered for evaluation. Full proposals will be evaluated at national/regional level according to the following common criteria: excellence, impact, quality and efficiency of implementation. Further evaluation rules are set at regional/national level (see regional/national calls). Regional/national evaluation results will be shared and discussed by all the funding agencies involved, thorough a transnational coordination meeting (TCT). The decision for granting will result from the transnational coordination meeting and will be based also on the amount of budget made available by each funding agency.

Common evaluation criteria are fully described in Annex 1.

Project coordinators will be informed about the selection/rejection decision by the Call Secretariat.

## 4. DECISION

### 4.1. Funding

#### 4.1.1. Contract

Funding contracts are dealt directly between the project partners and their national/regional funding agencies (programme owners).

#### 4.1.2. Start and Installments

A consortium agreement between the project partners is required for funding (after final funding decision). The purpose of the consortium agreement is to clarify:

- responsibilities of the partners;
- decision processes inside the project;
- management of any change of partners, in agreement with regional/national rules;
- IPR issues.

There is no formal requirement on how to draft a Consortium Agreement for a proposal in this Call. A template and additional material can be found at <http://www.desca-2020.eu/latest-version-of-desca>

## **5. MONITORING**

### **5.1. Regional/National Project Monitoring**

The progress of each individual contract will be monitored by the respective regional/national agencies. The respective coordinating agency will perform a leading role in the project monitoring.

### **5.2. Change in Active Projects**

Any substantial change in an ongoing project must be reported immediately to the involved agencies. The project partners should be aware that changes might have effects on funding. The involved agencies can also report any substantial change with regard to the status of partners from their region/country.

## Annex 1: Evaluation criteria

### Transnational evaluation criteria

<b>EXCELLENCE</b> “Scientific and/or technological excellence - Quality of the transnational project”	<b>IMPLEMENTATION</b> “Quality and efficiency of the implementation and the management”	<b>IMPACT</b> “Potential impact”
<ul style="list-style-type: none"> <li>• Clarity and pertinence of the objectives</li> <li>• Credibility of the proposed approach</li> <li>• Soundness of the concept</li> <li>• Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art</li> </ul>	<ul style="list-style-type: none"> <li>• Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;</li> <li>• Quality and relevant experience of the individual applicants</li> <li>• Quality of the consortium as a whole (including complementarity, balance)</li> <li>• Appropriateness of the management structure and procedures</li> </ul>	<ul style="list-style-type: none"> <li>• Contribution, at the transnational [and/or European] level, to enhancing innovation capacity and integration of new knowledge</li> <li>• Contribution to strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets by delivering such innovations to the markets;</li> <li>• Contribution to any other environmental and socially important impacts (not already covered above)</li> <li>• Effectiveness of measures for the dissemination and/or exploitation of transnational projects results and management of intellectual property</li> </ul>

In addition to the above listed criteria, each agency can define its own evaluation criteria for the selection of proposals and will adopt specific criteria for prioritization if necessary.

## Annex 2: National/regional call conditions - Overview

Region/ Country	Asturias (IDEPA-Spain)	Basque Country (Spain)	Castilla y Leon (ICE - Spain)	Catalonia (ACCIO - Spain)	Gelderland (The Netherlands)	Germany (KIT)	Ireland (ENTERPRISE IRELAND)	Luxembourg (LUXINNOVATION)	Navarra (Spain)	Overijssel (The Netherlands)	Piedmont (FINPIEMONTE- Italy)	Romania (UEFISCDI)	Russian Federation (FASSIE)	Turkey (TUBITAK)	Wallonia (SPW-DGO6-Belgium)
TOPICS	1. Knowledge-based engineering, ICT, industry 4.0 for manufacturing	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	2. Manufacturing technologies for environmental and energy applications including circular economy	●	●	●	●		●	●	●	●	●	●	●	●	●
	3. Adaptive manufacturing technologies	●	●	●	●		●	●	●	●	●	●	●	●	●
	4. Additive manufacturing	●	●	●	●		●	●	●	●	●	●	●	●	●
	5. New materials for manufacturing	●	●	●	●		●	●	●		●	●	●	●	●
	6. New methods, components and systems for manufacturing	●	●	●	●		●	●	●	●	●	●	●	●	●
	7. Other technologies, products and services for manufacturing	●	●	●	●		●	●	●	●	●	●	●	●	●

<b>BENEFICIARIES</b>	SME - Small-Medium Enterprise	●	●	●	●	●		●	●	●	●	●	●	●	●	●
	UNI - University									●		●	●			●
	PRC - Private Research Centre								●	●		●	●			●
	PUR - Public Research Centre								●		●	●				●
	IND - Large companies	●	●	●	●	●	●	●	●	●	●		●		●	●
	CO - Consultant															
	OTH - Others ( See FA Annex)					●										
<b>Call Budget (Meur)</b>	0,40	1,00	0,50	0,40	0,25	2,00	1,00	0,50	0,50	0,19	1,50	1,00	0,4 (flexible)	2,00	1,00	
<b>Thematic Restriction/Remarks (Annex 3)</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>PENDING</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	

## Annex 3: National/regional Funding Programmes and contact points

(in alphabetical order)

### Asturias (Spain)

<b>Name of the programme</b>
IDEPA grants for international R&D projects in Asturias under ERA.net Schemes
<b>Funding agency</b>
IDEPA. INSTITUTO DE DESARROLLO ECONÓMICO DEL PRINCIPADO DE ASTURIAS
<b>Beneficiaries</b>
Companies (whatever sized) located in Asturias. R&T Centers & University are welcome as subcontractors
<b>Thematic restriction and other remarks</b>
Digital manufacturing and Additive Manufacturing. Other topics must be in line with Asturias RIS3 strategy.
<b>Type of research eligible for funding</b>
Industrial research and experimental development. TRL expected 3-6
<b>Maximum duration of projects</b>
Suggested: 18-24 months
<b>Eligible costs</b>
<ul style="list-style-type: none"> <li>• Personnel costs (experienced researchers and technicians);</li> <li>• Depreciation costs of instruments and equipment corresponding to the life of the research project, calculated on the basis of good accounting practices</li> <li>• Cost of contractual research: technical knowledge and patents bought or licensed at market prices, and costs of consultancy and equivalent services used exclusively for the research activity</li> <li>• Costs of materials, supplies and similar products directly linked to the research activity;</li> <li>• Travelling costs incurred directly as a result of the research project;</li> <li>• Cost of the audit aimed to certificate the correct execution of the project.</li> </ul> <p>All of them incurred directly as a result of the research project</p>



<b>Limits of funding</b>			
Maximum grant amount is 200.000€			
<b>Other eligibility requirements</b>			
<ul style="list-style-type: none"> <li>Firms in difficulty are not eligible in this programme</li> <li>Firms with least 1 employee</li> <li>Minimum budget required for the regional applicant 150.000€</li> <li>Proposal's budget must be below the sum of the last two year's turnover</li> </ul>			
Subcontracting below the 50% of the budget			
<b>Type of funding (grant/loan/mixed/other)</b>			
Grants			
<b>Funding rate</b>			
	Industrial Research	Experimental Development	Secondment of highly qualified personnel from a research organization
Small size	80%	60%	50%
Medium Size	75%	50%	50%
Large Companies	65%	40%	--
<b>Geographical coverage</b>			
ASTURIAS			
<b>National/regional deadlines</b>			
Published yearly			
<b>More information available at</b>			
<a href="https://www.idepa.es/detalle-ayuda/-/asset_publisher/EorU9gEBOv3g/content/ayuda-idepa-subvenciones-dirigidas-a-empresas-asturianas-para-la-financiacion-de-proyectos-de-i-d-i-en-cooperacion-internacional-en-el-marco-de-la-c-1">https://www.idepa.es/detalle-ayuda/-/asset_publisher/EorU9gEBOv3g/content/ayuda-idepa-subvenciones-dirigidas-a-empresas-asturianas-para-la-financiacion-de-proyectos-de-i-d-i-en-cooperacion-internacional-en-el-marco-de-la-c-1</a>			
<b>Contact point</b>			
Ana E. Fernández Monzón: <a href="mailto:anae@idepa.es">anae@idepa.es</a>			
Phone number: +34 985 98 00 20			

## Basque Country (Spain)

<b>Name of the programme</b>
HAZITEK
<b>Funding agency</b>
Basque Government
<b>Beneficiaries</b>
Small, medium and large companies, associations and foundations of companies. Research centres, universities and public entities only if subcontracted by the beneficiaries.
<b>Thematic restriction and other remarks</b>
Proposals must fit within Basque Country's strategic specialization areas defined in the PCTI 2020: advanced manufacturing, energy, bio-sciences-health, eco-systems, urban living space, food, creative and cultural industries.
<b>Type of research eligible for funding</b>
Industrial research, experimental development.
<b>Maximum duration of projects</b>
Maximum duration not established. The applicants must apply yearly
<b>Eligible costs</b>
Personnel costs, overheads (15% of direct costs), subcontracting, consumables, equipment, travel costs, audit costs (up to 1.500€), costs of industrial property rights for SMEs.
<b>Limits of funding</b>
Maximum amount of funding: 250,000€ funding per beneficiary and per year. Minimum annual budget for a Basque company: 50.000 € to be eligible
<b>Other eligibility requirements</b>
Beneficiary must: be registered in the Basque Country have a stable financial situation be up-to-date of its tax duties
<b>Type of funding (grant/loan/mixed/other)</b>
Grant
<b>Funding rate</b>
A project will be selected when, simultaneously, the total score obtained in the evaluation is equal to or greater than 50% of the total maximum score; and the mark obtained in each of the key criteria is equal to or greater than 40 of the corresponding maximum mark, in which case the intensity of the aid may reach the following

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percentages: up to 45% of eligible costs in the case of Industrial research and up to 30% in the case of experimental development.

**Geographical coverage**

Basque Country

**National/regional deadlines**

Basque partners must submit the proposal (in Spanish or Basque) to the regional programme in 2019 call. Deadlines are defined yearly.

**More information available at**

[http://www.euskadi.eus/gobierno-vasco/-/ayuda\\_subvencion/2018/hazitek-2018/](http://www.euskadi.eus/gobierno-vasco/-/ayuda_subvencion/2018/hazitek-2018/)

(to be updated)

**Contact point**

Cristina Ugarte: [cugarte@innobasque.eus](mailto:cugarte@innobasque.eus)

Phone number :+34 94 420 94 88

## Castilla y Leon (Spain)

<b>Name of the programme</b>	Grants for international R&D projects in the framework of ERA -NETS
<b>Funding agency</b>	ICE
<b>Beneficiaries</b>	Companies operating in Castilla y León. (Research organisations and universities are welcome as subcontractors)
<b>Thematic restriction and other remarks</b>	Thematic Priorities included in RIS3 of Castilla y León
<b>Type of research eligible for funding</b>	Industrial research and experimental development projects involving effective international collaboration
<b>Maximum duration of projects</b>	2 years
<b>Eligible costs</b>	<ul style="list-style-type: none"> <li>• Staff costs needed for the project</li> <li>• External collaborations for R&amp;D activities related to the project</li> <li>• Costs for materials, supplies, etc. needed for the project.</li> <li>• Other costs such as travelling and project coordination.</li> <li>• Costs related to non-technological activities, overheads and taxes are not eligible</li> </ul>
<b>Limits of funding</b>	Maximum grant amount: 250.000€ and maximum two projects/company/call
<b>Other eligibility requirements</b>	<ul style="list-style-type: none"> <li>• Minimum total budget: 150.000€</li> <li>• Projects must be feasible under technical, economic and financial criteria</li> <li>• Applicants from Castilla y León are requested to send an eligibility form to ICE maximum 10 days after the deadline for pre-proposal submission.</li> </ul>

<b>Type of funding (grant/loan/mixed/other)</b>
Grant
<b>Funding rate</b>
<ul style="list-style-type: none"> <li>• For small-sized enterprises: 60% (experimental development) - 80% (industrial research)</li> <li>• For medium-sized enterprises: maximum 50% (experimental development) - 75% (industrial research)</li> <li>• For large enterprises: maximum 40% (experimental development) - 65% (industrial research)</li> </ul>
<b>Geographical coverage</b>
Castilla y León
<b>National/regional deadlines</b>
The regional call will be published after pre-proposals evaluation (July 2019)
<b>More information available at</b>
<a href="http://www.empresas.jcyl.es/">http://www.empresas.jcyl.es/</a>
<b>Contact point</b>
Isabel Gobernado Mitre: <a href="mailto:gobmitma@jcyl.es">gobmitma@jcyl.es</a> Phone number: +34 983 32 42 42

## Catalonia (Spain)

<b>Name of the programme</b>	Nuclis Internacionals. Programes Europeus ERA-net MANUNET III
<b>Funding agency</b>	ACCIÓ_ Agència per a la Competitivitat de l'Empresa
<b>Beneficiaries</b>	Small, medium and large companies can be funded
<b>Thematic restriction and other remarks</b>	None
<b>Type of research eligible for funding</b>	Industrial research and Experimental development in the field of manufacturing
<b>Maximum duration of projects</b>	24 months
<b>Eligible costs</b>	Personnel costs, external collaborations for R&D activities related to the project, equipment (where applicable), IPR activities (for SME only). Overheads and management costs are not eligible.
<b>Limits of funding</b>	The minimum fundable budget is €150.000 and the maximum grant amount is € 200.000 per project, independently form the number of Catalan partners.
<b>Other eligibility requirements</b>	<ul style="list-style-type: none"> <li>• Beneficiaries must have a stable financial situation</li> <li>• The starting date of the project must be after the proposal submission</li> <li>• Beneficiary companies have to be registered in Catalonia. The Catalan part of the proposed work plan must be developed in Catalonia.</li> <li>• Beneficiary companies must have more than one year of lifetime at full-proposal submission date.</li> </ul>
<b>Type of funding (grant/loan/mixed/other)</b>	Funding is provided as a grant

### Funding rate

Maximum funding rates are shown in the table below. Please note that effective rates are defined according to each single project specificities. A project may comprise activities falling under different categories.

	Small enterprise	Medium enterprise	Large enterprise
Industrial Research	70%	60%	50%
Experimental development	45%	35%	25%

### Geographical coverage

Catalonia

### National/regional deadlines

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### More information available at

[www.accio.gencat.cat](http://www.accio.gencat.cat)

### Contact point

David Marco: [dmarco@gencat.cat](mailto:dmarco@gencat.cat)

Phone: +34 935 538 928

## Gelderland Provincie

<b>Name of the programme</b>	Co-Financiering Europese Programma's
<b>Funding agency</b>	Provincie Gelderland
<b>Beneficiaries</b>	Small, medium and large companies, associations and foundations of companies. Research centres, universities and public entities only if subcontracted by the beneficiaries
<b>Thematic restriction and other remarks</b>	Smart Industry Agenda East Netherlands (BOOST)
<b>Type of research eligible for funding</b>	Application oriented industrial research and experimental development projects involving effective international collaboration.
<b>Maximum duration of projects</b>	24 months
<b>Eligible costs</b>	<ul style="list-style-type: none"> <li>- Staff costs (only staff participating in the project)</li> <li>- External collaborations for R&amp;D activities related to the project</li> <li>- Costs for materials, supplies, etc. needed for the project.</li> <li>- Other costs such as travelling, management and auditory costs till a maximum of € 5.000,-.</li> </ul>
<b>Limits of funding</b>	<ul style="list-style-type: none"> <li>- Maximum grant amount: € 250.000,- for call 2019</li> <li>- Maximum grant amount per project: € 100.000,-</li> <li>- Taxes are not eligible</li> </ul>
<b>Other eligibility requirements</b>	The starting date of the project must be after the proposal submission
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	50%
<b>Geographical coverage</b>	Gelderland (beneficiary companies have to be registered in the Province of Gelderland)
<b>National/regional deadlines</b>	The regional deadline will be fixed after selection of the proposals recommended for the second stage.
<b>More information available at</b>	<a href="http://www.smartindustryoost.nl">www.smartindustryoost.nl</a>
<b>Contact point</b>	Bart Heuts <a href="mailto:bart.heuts@oostnl.nl">bart.heuts@oostnl.nl</a> (Phone: 06 - 22490826)



## Germany

<b>Name of the programme</b>	Innovations for Tomorrow's Production, Services, and Work
<b>Funding agency</b>	Project Management Agency Karlsruhe - PTKA Karlsruhe Institute of Technology - KIT
<b>Beneficiaries</b>	SMEs, Large Companies, Universities, Research Organisations
<b>Thematic restriction</b>	Advanced System Engineering for Manufacturing - national call
<b>Type of research eligible for funding</b>	The programme " Innovation for Tomorrow`s Production, Services and Work " is a nationwide support programme in Germany (since 2014) aiming at funding of applied, precompetitive research. The current thematic area open for funding is related to the call "Advanced System Engineering".
<b>Maximum duration of projects</b>	3 years
<b>Eligible costs</b>	Personnel cost, capital investment/ equipment, travel costs, overhead, indirect costs, subcontracting, patenting (depending on the organization type)
<b>Limits of funding</b>	nA
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	Up to 50% (private-for-profit), up to 100% (non profit organisations)
<b>Geographical coverage</b>	-
<b>National/regional deadlines</b>	nA

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**More information available at**

<https://www.produktion-dienstleistung-arbeit.de/>

**Contact point**

Dr. Patricia Wolny: [patricia.wolny@kit.edu](mailto:patricia.wolny@kit.edu)

Phone number: +49 721 60 82 48 73

## Republic of Ireland

<b>Name of the programme</b>	Research, Development & Innovation Fund
<b>Funding agency</b>	Enterprise Ireland
<b>Beneficiaries</b>	Irish Companies involved in Manufacturing and/or Internationally Traded Services
<b>Thematic restriction and other remarks</b>	None
<b>Type of research eligible for funding</b>	Experimental Development or Industrial Research
<b>Maximum duration of projects</b>	36 Months
<b>Eligible costs</b>	Salaries, Materials, Consultancy, Travel, Compliance/Certification Testing, Technology Acquisition, Patent Preparation Costs and R&D Equipment
<b>Limits of funding</b>	Max grant typically 650k Euro
<b>Other eligibility requirements</b>	Subject to additional criteria e.g. previous State support
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	Up to a Maximum 50% of project cost
<b>Geographical coverage</b>	Republic of Ireland
<b>National/regional deadlines</b>	Monthly call
<b>More information available at</b>	<a href="http://www.enterprise-ireland.com">www.enterprise-ireland.com</a>
<b>Contact point</b>	John Greene, <a href="mailto:john.greene@enterprise-ireland.com">john.greene@enterprise-ireland.com</a> Conor Sheehan, <a href="mailto:conor.sheehan@enterprise-ireland.com">conor.sheehan@enterprise-ireland.com</a>

## Luxembourg

<b>Name of the programme</b>
RDI projects
<b>Funding agency</b>
Ministry of the Economy / Luxinnovation
<b>Budget</b>
500k€
<b>Beneficiaries</b>
All enterprises (economic activities). Enterprises considered as “undertaking in difficulty” according to European regulation are not eligible for funding.
<b>Thematic restriction</b>
No
<b>Type of research eligible for funding</b>
Industrial research / Experimental development / Process or Organizational Innovation
<b>Maximum duration of projects</b>
3 years (in duly justified cases, the maximum duration may be extended)
<b>Eligible costs</b>
<p>Only costs directly related to the R&amp;D project or initiative are eligible for financial aid, such as:</p> <ul style="list-style-type: none"> <li>• payroll expenses</li> <li>• costs incurred in using instruments, equipment, machines, tools, facilities, etc</li> <li>• materials and other consumables</li> <li>• subcontracting expense</li> <li>• general and administrative expenses</li> </ul>
<b>Limits of funding</b>
No defined limit. The company shall however demonstrate its ability to finance its own contribution and to cover the financial need relating to the exploitation of the project results. A reasonable return on investment shall be demonstrated.
<b>Type of funding (grant/loan/mixed/other)</b>
Grants

### Funding rate

Maxima funding rates are indicated here below. Please note that effective rates are defined according to each single project specificities; effective funding rates are below the maxima. A project may comprise activities falling under different categories.

Max funding rates	Process / Organizational innovation	Experimental Development	Industrial Research
Large enterprise	15%	40%	65%
Medium enterprise	50%	50%	75%
Small enterprise	50%	60%	80%

### Geographical coverage

Luxembourg

### National/regional deadlines

No deadline (bottom-up funding: enterprises can apply any time)

### More information available at

<http://www.innovation.public.lu/en/financer/competitivite/grants/meco-projets-programmes-rd/index.html>

### Contact point

Companies are **requested** to contact the National Contact Point **before** taking part in a proposal.

Johnny Brebels: [johnny.brebels@luxinnovation.lu](mailto:johnny.brebels@luxinnovation.lu)

Phone: +352 43 62 63 - 654 / M: +352 621 34 80 65

Pascal Fabing: [pascal.fabing@luxinnovation.lu](mailto:pascal.fabing@luxinnovation.lu)

Phone: +352 43 62 63 - 872 / M: +352 621 18 95 35

## Navarra

<b>Name of the programme</b>	Program for financing international cooperation R&D projects in manufacturing. Manunet
<b>Funding agency</b>	Government of Navarra. Department of Economic Development
<b>Beneficiaries</b>	Companies, research centres and universities
<b>Thematic restriction and other remarks</b>	Topics related to manufacturing
<b>Type of research eligible for funding</b>	Industrial Research and Development
<b>Maximum duration of projects</b>	2 years
<b>Eligible costs</b>	Personnel, subcontracting, materials, others
<b>Limits of funding</b>	200.000 € per beneficiary
<b>Other eligibility requirements</b>	Applicants must be included, when compulsory, in the Industrial Register of Navarra
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	<ul style="list-style-type: none"> <li>Industrial Research: 65% for big companies, 75% for medium companies, 80% for small companies, 100% for research centres and universities.</li> <li>Development: 40% for big companies, 50% for medium companies, 60% for small companies, 100% for research centres and universities.</li> </ul>
<b>Geographical coverage</b>	Navarra
<b>National/regional deadlines</b>	To be defined yearly
<b>More information available at</b>	<a href="http://centcms06/home_es/Servicios/ficha/7712/Programa-de-financiacion-de-proyectos-de-I-D-en-cooperacion-internacional-Manunet-2018">http://centcms06/home_es/Servicios/ficha/7712/Programa-de-financiacion-de-proyectos-de-I-D-en-cooperacion-internacional-Manunet-2018</a>
<b>Contact point</b>	Ms Silvia Ojer: <a href="mailto:sojertor@navarra.es">sojertor@navarra.es</a> Phone number: +34 848 427658

## Overijssel Provincie

<b>Name of the programme</b>	Co-Financiering Europese Programma's
<b>Funding agency</b>	Provincie Overijssel
<b>Beneficiaries</b>	Small, medium and large companies, associations and foundations of companies. Research centres, universities and public entities only if subcontracted by the beneficiaries
<b>Thematic restriction and other remarks</b>	Smart Industry Agenda East Netherlands (BOOST)
<b>Type of research eligible for funding</b>	Application oriented industrial research and experimental development projects involving effective international collaboration.
<b>Maximum duration of projects</b>	24 months
<b>Eligible costs</b>	<ul style="list-style-type: none"> <li>• Staff costs (only staff participating in the project)</li> <li>• External collaborations for R&amp;D activities related to the project</li> <li>• Costs for materials, supplies, etc. needed for the project.</li> <li>• Other costs such as travelling, management and auditory till a maximum of € 5.000,-.</li> </ul>
<b>Limits of funding</b>	<ul style="list-style-type: none"> <li>• Maximum grant amount: € 190.000,- for call 2019</li> <li>• Maximum grant amount per project: € 100.000,-</li> <li>• Taxes are not eligible</li> </ul>
<b>Other eligibility requirements</b>	The starting date of the project must be after the proposal submission
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	50%
<b>Geographical coverage</b>	Overijssel (beneficiary companies have to be registered in the Province of Overijssel)
<b>National/regional deadlines</b>	The regional deadline will be fixed after selection of the proposals recommended for the second stage.
<b>More information available at</b>	<a href="http://www.smartindustryoost.nl">www.smartindustryoost.nl</a>
<b>Contact point</b>	Bart Heuts: <a href="mailto:bart.heuts@oostnl.nl">bart.heuts@oostnl.nl</a> Phone number: 06 - 22490826

## Piedmont

<b>Name of the programme</b>	POR FESR 2014/2020 - MANUNET - Call 2019
<b>Funding agency</b>	FINPIEMONTE S.P.A
<b>Budget</b>	€ 1.500.000,00
<b>Beneficiaries</b>	SMEs, Research Centres (Public And Private) and Universities
<b>Thematic restriction and other remarks</b>	None
<b>Type of research eligible for funding</b>	Industrial research and experimental developing (approximately TRL 4-7)
<b>Maximum duration of projects</b>	24 months
<b>Eligible costs</b>	<ul style="list-style-type: none"> <li>- personnel costs;</li> <li>- costs of instruments and equipments;</li> <li>- costs of contractual research;</li> <li>- additional overheads and other operating expenses;</li> <li>- costs for obtaining, validating and defending patents and other intangible assets;</li> </ul>
<b>Limits of funding</b>	Max € 300.000,00 per project
<b>Other eligibility requirements</b>	Listed in the regional Call
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	<ul style="list-style-type: none"> <li>- Micro and Small enterprises : up to 60%</li> <li>- Medium Enterprises: up to 50%</li> <li>- PUR/PRC/UNI: up to 60%</li> </ul>



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**Geographical coverage**

Regional

**National/regional deadlines**

21th March

**More information available at**[www.finpiemonte.it](http://www.finpiemonte.it)**Contact point**

Enrica La Martina

011- 5717711

[manunet@finpiemonte.it](mailto:manunet@finpiemonte.it)[finanziamenti@finpiemonte.it](mailto:finanziamenti@finpiemonte.it)

## Romania

<b>Name of the programme</b>	3 <sup>rd</sup> National Plan for R&D&I
<b>Funding agency</b>	UEFISCDI
<b>Beneficiaries</b>	Universities, national institutes, SMEs, other institutions with R&D activity
<b>Thematic restriction and other remarks</b>	-
<b>Type of research eligible for funding</b>	Fundamental/basic, experimental research, industrial research
<b>Maximum duration of projects</b>	24 months
<b>Eligible costs</b>	Direct, indirect, logistics - according to state aid scheme
<b>Limits of funding</b>	250.000 euro in case a Romanian institution is the Coordinator; 200.000 for Partner participation
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	Competition
<b>Geographical coverage</b>	-
<b>National/regional deadlines</b>	-
<b>More information available at</b>	<a href="http://uefiscdi.gov.ro/articole/4536/Pachet-de-informatii-ERANETERANET-Cofund.html">http://uefiscdi.gov.ro/articole/4536/Pachet-de-informatii-ERANETERANET-Cofund.html</a>
<b>Contact point</b>	Nicoleta DUMITRACHE: <a href="mailto:nicoleta.dumitrache@uefiscdi.ro">nicoleta.dumitrache@uefiscdi.ro</a> Phone number: 00 40 021/302 38 86

## Russian Federation

<b>Name of the programme</b>
Internationalization
<b>Funding agency</b>
FASIE
<b>Beneficiaries</b>
Small Innovative Enterprises (in accordance with the Federal Law 209, Article 4)
<b>Thematic restriction</b>
None
<b>Type of research eligible for funding</b>
Innovative projects with high degree of commercialization. The project should demonstrate high commercialization potential. When preparing the business-plan, the applicants should lay out the commercialization scheme, where FASIE requires to set out the figures for the main economic indicators: turnover, new working places and IP. Ideally, the revenues of the company (related to the specific product/technology being created within the project) should be 2-3-4 times more than the cost of the project during the 7 years after the start of the project (2 years of the project + 5 years afterwards). At least one IP should be protected at the end of the project.
<b>Maximum duration of projects</b>
24 months
<b>Eligible costs</b>
Salary, Sub-contractors, Materials, Miscellaneous costs
<b>Limits of funding</b>
Up to 215.000 Euro per project
<b>Other eligibility requirements</b>
<ul style="list-style-type: none"> <li>• The Russian applicant has to submit the National application along with the MANUNET proposal. Funding is possible in case the national expertise is positive.</li> <li>• It should be noted that companies with low turnover will have a very low chance to pass.</li> <li>• The company which has an “open” contract with FASIE when applying for is not eligible.</li> <li>• Companies which received funding from FASIE previously will have to provide additional materials showing the effectiveness of the funded projects.</li> </ul> <p>See for details information on the web-site: <a href="http://fasie.ru/programs/programma-internatsionalizatsiya/">http://fasie.ru/programs/programma-internatsionalizatsiya/</a></p>
<b>Type of funding (grant/loan/mixed/other)</b>
Grant

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<b>Funding rate</b>
Required co-funding at the rate of 33,3% of the total costs of funding (50% of the amount of grant requested)
<b>Geographical coverage</b>
National
<b>National/regional deadlines</b>
2 weeks after the MANUNET deadline
<b>More information available at</b>
<a href="http://www.fasie.ru">www.fasie.ru</a>
<b>Contact point</b>
Olga Levchenko: <a href="mailto:levchenko@fasie.ru">levchenko@fasie.ru</a> Phone number: +7 495 231 38 51

## Turkey

<b>Name of the programme</b>	TÜBİTAK TEYDEB 1509 International Industrial R&D Project Grant Programme
<b>Funding agency</b>	TÜBİTAK
<b>Beneficiaries</b>	SMEs and Industrial Companies
<b>Thematic restriction and other remarks</b>	No restriction
<b>Type of research eligible for funding</b>	Industrial Research and Development Projects
<b>Maximum duration of projects</b>	The limit stated in the international call document will apply.
<b>Eligible costs</b>	Personnel cost, travel cost, equipment and software cost, material cost, subcontracting and consulting cost are eligible. <b>Overhead cost is not eligible.</b>
<b>Limits of funding</b>	Total funding for 2019 call is 2 million Euros.
<b>Other eligibility requirements</b>	Only stock corporations are allowed to apply. At the time of submission of the proposal to TEYDEB, the project team must include at least someone who has a 4 year college degree in the project's technology field.
<b>Type of funding (grant/loan/mixed/other)</b>	Grant
<b>Funding rate</b>	%75 for SMES and %60 for Industrial Companies
<b>Geographical coverage</b>	Entire Turkey
<b>National/regional deadlines</b>	Will be announced later on our webpage

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**More information available at**

<http://www.tubitak.gov.tr/tr/destekler/sanayi/uluslararası-ortaklı-destek-programları/1509/icerik-yonetmelik-ve-esaslar>

**Contact point**

Tayyip Kösođlu: [tayyip.kosoglu@tubitak.gov.tr](mailto:tayyip.kosoglu@tubitak.gov.tr)

Phone: 0312 298 9453

## Wallonie

<b>Name of the programme</b>	No special program dedicated / international cooperation
<b>Funding agency</b>	SPW-DGO6
<b>Beneficiaries</b>	Companies/research centers/universities
<b>Thematic restriction and other remarks</b>	No
<b>Type of research eligible for funding</b>	Applied research / experimental development
<b>Maximum duration of projects</b>	24 months
<b>Eligible costs</b>	<a href="https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/era-nets/manunet/manunet.html?TEXT=manunet">https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/era-nets/manunet/manunet.html?TEXT=manunet</a>
<b>Limits of funding</b>	<a href="https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/era-nets/manunet/manunet.html?TEXT=manunet">https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/era-nets/manunet/manunet.html?TEXT=manunet</a>
<b>Other eligibility requirements</b>	Minimum 40% of the budget of the wallon partners have to be dedicated to company(ies) / details on our website
<b>Type of funding (grant/loan/mixed/other)</b>	Mixed
<b>Funding rate</b>	40% to 80% companies/75% research centers /100% universities

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**Geographical coverage**

To be based and generate employment in Wallonia

**National/regional deadlines**

Same as Manunet

**More information available at**

<https://recherche-technologie.wallonie.be/>

**Contact points**

Julie Jasmès : [Julie.jasmès@spw.wallonie.be](mailto:Julie.jasmès@spw.wallonie.be)

Thierry Lemoine : [thierry.lemoine@spw.wallonie.be](mailto:thierry.lemoine@spw.wallonie.be)