European Union
Funding Programme for companies

HORIZON 2020
H2020

June 2017
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Note: Open calls may vary over time, so it should be considered that those reflected in this document correspond to those open at the time of closing of its edition.
INTRODUCTION

This guide serves as an informative tool for those interested to know information about the H2020 Programme. It was developed in order to provide updated data and specific information on the generalities of the program, as well as facilitate an individual fact sheet for the main open calls at the time of closing of its edition. It is a new edition of the document already launched July 2016, which in its first update included the open calls to date. MORE INFORMATION

General information about the program is included in the first section of this document, such as: the origins of the program, its content and its fundamental principles, and the Multiannual Financial Framework of the European Commission. Furthermore, seeks to answer questions such as whom are addressed, and what projects are eligible, as well as what conditions shall be fulfilled to apply. To finish this first part, the process before the presentation of a proposal is illustrated using flowcharts, and what happens after its submission until the signature of the grant agreement, if the proposal has been selected.

In the second section, information available is about the Programme general structure, how information is organized inside each call, and finally, available funding opportunities at closing date of this monographic.
Part I
I.A - GENERAL APPROACH TO H2020 PROGRAMME
How and why does the H2020 Programme emerge?

In 2011, the Heads of State and of Government of the European Union (onwards EU) requested the European Commission (onwards EC) to combine all research and innovation funds within a single strategic framework. Following this request, the EC launched a public consultation including all stakeholders and thus, giving in this way rise to the Horizon 2020 Programme (onwards H2020 Programme).

This arrangement brings together all the activities funded by the seventh Framework Programme for Research and Development, the Competitiveness and Innovation Programme (CIP) and the European Institute of Innovation and Technology (EIT), for the period 2007-2013. The launch of this Programme ended up being supportive for the right implementation of “Europe 2020” strategy.

H2020 Programme is the result of an increasing need of continuous innovation for research and technology, and constitutes sound bases to accompany economic and social changes taking place at a dizzying rate.

What does the H2020 Programme entail? What percentages of funding can be obtained?

The EU Framework Programme for Research and Innovation is the most ambitious yet undertaken, having an assigned budget of € 78 million for the period 2014-2020.

Its aim is to ensure a quality science production, facilitating innovation and joint efforts between public and private sector, through research projects funding, technological development, demonstration, and innovation activities at the European level.

To that end, the same financing rate is projected for all beneficiaries and covered grants. This rate might be up to the 100% for research and innovation actions and coordination and support, and implies the reimbursement of all eligible costs made by the applicant body. It also might be reduced to a 70% in the case of innovation activities made by for-profit entities.

In addition to that, part of the indirect costs are also eligible (administration, communications, office supplies, etc.), being reimbursed at a fixed rate of 25% of the costs directly related with the implementation of the Programme actions.

What does the Multiannual Financial Framework entail?

The Multiannual Financial Framework (onwards MFF) is the multiannual expenditure estimates which expresses in financial terms the EU priorities. It establishes the EU maximum annual budget expenditure
related to different priority fields, for a period not less than five years. Current MFF covers the period from 2014 to 2020 (7 years).

Without being a budget, this framework provides a tool to predict the EU expenses within a period. The annual budget is elaborated within this framework and generally remains under the maximum amounts established by the Multiannual Financial Framework. The functioning of the MFF was subject to a mid-term review in 2016, but given the need for unanimity on the part of the Council and the approval of the European Parliament, the review procedure has been postponed until 2017.

**What are the core principles of the H2020 Programme?**

The H2020 Programme focuses its activities taking in consideration the following principles:

- **Scientific Excellence:** for reinforcing EU scientific excellence at a global level.
- **Industrial Leadership:** for boosting the development of technologies in order to help innovative small and medium-sized enterprises in their growth and expansion processes and to facilitate risk funding in research activities and disruptive innovation.
- **Social challenges:** for contributing to political priorities and identified challenges in the Europe 2020 strategy, for instance, in terms of security, energy, transportation, global warming and healthcare.

**Who is the target audience of H2020 Programme?**

The program addresses legal entities headquartered in any country of the European Union, partner countries to Horizon 2020 or third countries. Among them can be mentioned companies (larges, mediums and smalls), groups of companies, universities, technology or research centers, public administrations, non-governmental organizations or individuals.¹

**What projects can be funded by H2020 Programme?**

Projects to be funded by the Programme shall meet the following requirements:

¹ For the list of members and partner countries, as well as other potential participants and their possible participation restrictions, see the link below [MORE INFORMATION](#)
• Reply to an existing need in the European Union, and present a real progress or innovation for Europe in comparison to the existing level of research projects.

• Involve at least 3 entities from 3 member states or associated states, which must be consortiums and independent of each other (see exceptions in the respective calls). However, it also exists opportunities for individual actions, for example: European Research Council ERC; Marie Sklodowska-Curie actions; SME Instrument.

• Comply with the requirements and conditions detailed in each specific call, such as: specific research and innovation lines, budget or duration recommendations, etc.

• Respect the applicable legislation, both at a national and a European level.

• Be replicable at a European level (not local or regional).

• Having exclusively civil application (military purposes are excluded).

What other conditions must be met to participate in H2020 Programme?

Entities that choose to participate should be aware that English will be the general language of work, and the aid manager and regulatory agency will always be the EC. Moreover the work must be a group work, hence sharing knowledge in a European consortium, except those calls in which participation is allowed individually.

Other relevant information

✓ Projects eligible for financing may cover any stage of the process between research and market: proper research, technological development, demonstration and innovation, among other activities, which may be linked to support for research and innovation.

✓ A proposal may be submitted by one or more candidates. Thus, the proposals may have a single applicant (one principal investigator) while the proposals submitted by several partners comprise several applicants.

✓ Some calls have two stages: first, applicants must submit general proposals, which are evaluated to select those to be further developed into full proposals for the second stage.

✓ The project results are the property of the participants that have generated them, either individually or as part of a consortium.

✓ In order to maintain a positive project cash flow, participants will be transferred an advanced payment.

What sectors are covered under the Programme?

Excellent Science: The activities included in this sector seek to strengthen and extend the scientific excellence of the European Union, as well as consolidate the European Research Area (ERA) to achieve a research and innovation system more globally competitive.
**Industrial Leadership**: The calls included in this sector seek to accelerate the development of technologies and innovations that will be the mainstays of future business and companies, besides helping innovative European SMEs to grow among global leading companies.

**Societal Challenges**: It reflects the priority policies of the Europe 2020 Strategy and emphasizes the main citizens’ concerns. Funding will focus on, among other things, health, demographic change, food security, sustainable agriculture, bio-economy, clean and efficient energy, intelligent transport, climate action and environment, etc.

**Spreading Excellence and Widening Participation**: The intent is to maximize investments in research and innovation, as this will allow the European Research Area to work in a more uniform manner, and will optimize individual strengths of each Member State.

**Science with and for Society**: The main objective is to enable effective cooperation between science and society, incorporating new talent for science and linking scientific excellence with social awareness and responsibility.

**Cross-cutting Activities (focus areas)**: This Programme includes the following calls: Industry 2020 in the Circular Economy (for boosting economic growth and renewal of European industrial capacities); Internet of Thing (support for the combination of different technologies such as internet, components, big data, cloud or advanced computer and its integration into innovative use cases); Smart and Sustainable Cities (gathers the set of cities, industries and citizens to demonstrate the feasibility of developing large-scale and replicating successful solutions for smart and sustainable cities in Europe).

**Fast Track to Innovation Pilot**: It is a measure to promote innovative activities closed to market and open to all types of participants. Funding proposals are provided in any technology or application area.

**European Institute of Innovation and Technology (EIT)**: collaborates with European competitiveness, its sustainable economic growth and job creation, promoting cooperation among businesses, educational institutions and research organizations.

**Euratom**: It is a supplementary research program for nuclear research and training. Among its objectives are the continuous improvements of nuclear safety, security and radiation protection, contribution to the decarbonisation of the energy system safely and efficiently.

**Smart Cyber-Physical Systems**: The aim is to reinforce the strong European position in electronics, Microsystems and embedded systems, including the wide range of systems integration from components of cyber-physical systems.
I.B- HOW TO APPLY FOR H2020 PROGRAMME
How to apply for H2020 Programme?

The Official Participant Portal is the entry point to electronic administration for all research and innovation projects funded by EU, and further includes projects (through all their life cycle) and proposals managing services.

In each specific call, further information is available about the main approach, the details, and results that could be achieved. In addition to the Portal, it is also possible to find all open calls in the Official Journal of EU.

The following flowchart summarizes the application process form the beginning of the search for the call of interest, until the presentation of the electronic proposal. Further details regarding the procedure are provided afterwards.
Figure 1. Application Submission process flow chart
What is the prior process to submit a proposal?

✓ **First step: Call search**
   
   Attention should be paid to the opening of the specific call. **In case of having a call already identified** it is recommended to go to the website of H2020 calls and to proceed to the corresponding filtering, to obtain information about it. MORE INFORMATION
   
   **If you have not yet identified a particular call,** it is suggested to perform a search by area of interest. MORE INFORMATION
   
   In order to know the available time to prepare the proposal, it is important to distinguish whether it is a permanently open call for the duration of the program, or whether it is a call with closing date. It is also important to check that the project ideas to be developed, and the organization profile, conform to the main priorities of the PROGRAMME, and if partner entities are required to participate.
   
   **First step input:** Available calls on the Official Participant Portal
   **First step output:** Interest Call identified and information about it

✓ **Second step: Search for a partner**
   
   About finding partners, some calls require **the participation of at least three (3) members in the team,** as it was already mentioned. To identify partners that meet certain qualifications or experience, several partners search services are available: CORDIS Partner Service; Idealist Partner Search; etc. It is also possible to publish an offer of collaboration on such sites.
   
   **Second step input:** Partner search services
   **Second step output:** Collaboration agreement among companies

✓ **Third step: Create an account. Access to an existing account.**
   
   **In case you do not have an account yet,** it is necessary to create one. This is achieved by the REGISTER option in the top right corner of Official Participant Portal., an action that will derive to the EU LOGIN website (formerly ECAS European Commission Authentication Service), or directly through the EU LOGIN website, where certain fields must be filled out.
   
   **If you already have an account,** you can access it through the LOGIN option in the upper right corner of the Official Participant Portal, an action that will derive to the EU LOGIN website, or directly through the website of EU LOGIN, where it is accessed through the email address, and even through social network accounts (Facebook, Twitter or Google+).
   
   **Third step input:** Official Participant Portal or EU LOGIN website, for the account creation or to access to an existing account.
   **Third step output:** EU LOGIN account

✓ **Fourth Step: Register the organization/Existing register verification**
   
   If the organization is still not registered, such registration can be started by REGISTER ORGANISATION, option on the Organization Registration Website. For registration, it will be necessary to provide information on the legal and financial situation of the organization. **It is not**
necessary to complete the process in a single session, since the information entered can be saved to continue with the registration. Once completed, the organization will have a 9-digit code, called the Participant Identification Temporary Code (PIC), which will be used as a reference by the EC for any type of interaction or contact.

On the same page it is possible to verify if the organization is already in the database, through the SEARCH option, on the Organization Registration Website, in which the name and the country are required to do the search.

In case of a consortium, all the members should register in the system.

**Fourth Step input:** Organization Registration Page. Information about the organization.

**Fourth Step output:** Participant Identification Temporary Code

✓ **Fifth Step: Preparing the proposal**

We proceed to work on the proposal, in both the technical and administrative developments, dividing responsibilities among partners, preparing all the information requested in the call, defining term and budget, etc.

It is necessary to include a work planning, indicating work packages, responsibilities, resources, schedule, deliveries, milestones, etc., according to the technical requirements and the criteria of the corresponding call.

As for the budget, check the budget table included in the administrative forms of the proposal. It is possible that some of the required budgetary details should be detailed in the technical annex to the proposal.

The templates for submitting the proposal can be found on the Reference Documents page of the Participant Portal, but the actual templates to be used are available in the Proposal Submission System for each call.

**Fifth Step input:** Call documentation. Agreement among partners

**Fifth Step output:** Proposal done

✓ **Sixth Step: Send the proposal**

Once the proposal is done and before the closing date of the call, you can proceed to submit it through the Portal, section Electronic Filing of the specific call. Previously, it is necessary to access the account created in the Participant Portal to fill out standard forms, and then submit the proposal. These forms can be edited as many times as necessary, before the closing of the call. All proposals are sent electronic via. Once the proposal has been sent, you will receive a confirmation email indicating the date and time of the shipment.

**Sixth Step input:** Portal, for the electronic submission of the call - Proposal done.

**Sixth Step output:** Proposal sending confirmation
What happens after submitting the proposal?

First Step: Proposals evaluation
Before the proposals are submitted for evaluation, their admissibility is verified (if it has been sent by the official route of sending, if it has all the forms and documents specified in the call, if it does not exceed the limit of pages, etc.), and their eligibility (if the content of the proposal is aligned with the call, if the proposal meets the specific eligibility criteria of the call, etc.).

Then, experts come to evaluate the proposals according to the list of criteria established in the call. Each completed proposal is evaluated by at least 3 experts.

The maximum time that can elapse between the call closing date and the communication of selected proposals by the EC, may be 5 months. Organizations will be informed of the outcome of the evaluation through a Letter of Evaluation Results, first receiving an email notifying the availability of that letter in the Participant’s Portal.

First Step input: Received Proposals (admissible and eligible) – Call criteria

First Step output: Letter of Evaluation Results.

Second Step: Organization’s validation
It is important to note that once the proposal has been selected, the EC only validates the information that was provided by the organization at the time of registration. Details are clarified and official supporting documents are requested. Once the validation has been done, a final PIC will be obtained, and then a Representative of the Organization shall be designated (LEAR).

Second Step input: Selected proposal - Official supporting documents

Second Step output: Final PIC - designated LEAR.

Third Step: Verification of financial viability
The EC can check the financial capacity of the organization according to various criteria. This financial viability of the organization will be verified by checking: liquidity (capacity to cover short-term commitments); financial autonomy; solvency (capacity to cover medium- and long-term commitments); profitability (generation of benefits, or at least self-financing capacity); etc. It will be realized when the funds requested to the EU are greater than or equal to 500,000 euros. In addition, this check is made for a certain typology of organizations (for example, public bodies are exempt).

For this, the organization will be duly informed about the process. You must provide financial information and supporting documents for the last financial year closed. From this documentation, the EC will carry out a financial analysis of the same.

There is also a tool that allows self-checking. MORE INFORMATION

Third Step input: Financial information of the last financial year closed.

Third Step output: Proven financial viability.
Fourth Step: Grant agreement preparation and signature.

Selected and validated proposals begin the process of grant agreement or contract signing preparation, which should not last more than 3 months until the actual signature. Such grant agreement shall include all research and innovation activities that will be carried out, start and project duration, budget, fees and costs, EC contribution, reports periods rights and obligations of the parties, etc.

Members of the consortium, if any, are also required to sign a consortium agreement between them.

The grant agreement is signed electronically, through the Participant Portal. To do this, a document in PDF format, digitally sealed for security, is available through the electronic exchange system of said Portal. First, the agreement is signed by the organization, and subsequently, the EC signs it.

Fourth step input: Selected proposal - Agreement between associated entities - Other data and documentation of the project

Fourth step output: Grant agreement electronically signed

What links give additional information?

Website of the Program in Spain: MORE INFORMATION

Official Participant Website: MORE INFORMATION
Figure 2. Prior process to signing the grant agreement
Part II
II.A- GENERAL STRUCTURE OF THE PROGRAMME
| Excellence Science | ERC - European Research Council  
|                   | FET - Future and Emerging Technologies  
|                   | Marie Curie Actions  
|                   | Research Infrastructures  
| Industrial Leadership | Information and Communication Technologies  
|                   | Nanotechnologies  
|                   | Advanced materials  
|                   | Biotechnology  
|                   | Advanced manufacturing and processing  
|                   | Space  
|                   | Access to risk finance  
|                   | Innovation in SMEs  
| Societal Challenges | Health, demographic change and wellbeing  
|                   | Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy  
|                   | Secure, clean and efficient energy  
|                   | Smart, green and integrated transport  
|                   | Climate action, environment, resource efficiency and raw materials  
|                   | Europe in a changing world - inclusive, innovative and reflective societies  
|                   | Secure societies - protecting freedom and security of Europe and its citizens  
| Spreading excellence and widening participation | Teaming  
|                   | Twinning  
|                   | ERA Chairs  
|                   | Policy Support Facility  
| Science with and for Society | -  
| Cross-cutting Activities (focus areas) | Industry 2020 in the Circular Economy  
|                   | Internet of Things  
|                   | Smart and Sustainable Cities  
| Fast Track to Innovation Pilot | -  
| The European Institute of Innovation and Technology (EIT) | Climate -KIC  
|                   | EIT Digital  
|                   | KIC InnoEnergy  
|                   | EIT Health  
|                   | EIT Raw Materials  
|                   | EIT Food  
|                   | EIT Manufacturing  
|                   | EIT Urban Mobility  
| Euratom Research and Training Programme 2014-2018 | -  
| Smart Cyber-Physical Systems | -

*Table 1 Opportunities Programme H2020. General Structure of the Programme*
In relation to the calls and the topics available, it is important to refer to the way in which this information is structured on the H2020 website. The initial aspect is the one that is observed next. The calls are subdivided into topics. Each rectangle represents a call with open or available topics waiting for proposals.

**Call:** When selecting the call for interest, a summary of the field of common research or the innovation or the social challenge that addresses the topics of this call is displayed (see drop-down call summary). It also gives access to all the topics that belong to this call, which appear in the bottom of an individualized way.
**Topic:** By selecting the topic of interest, it is possible to find the key documents and information needed to prepare the proposal, including the submission deadline and the link to the electronic submission system, which is how it must be sent. The proposal to be submitted must be relevant to the topic in question. Expected reach and impact are described in the topic description drop-down.
This following section presents **Open Calls on the date of June, 2017**. For this purpose, an individual form has been created for each of the main open calls, each form containing the following information:

Subject area which the aid belongs to

The subject area corresponding to the call is provided by color coding. This subject area will also be clearly expressed: Excellence Science, Industrial Leadership, Societal Challenges, etc.

Name of the Call

The title, its initials, and the anuality concerned are included.

Sector to which it is addressed

It indicates which sectors are targeted by the aid: construction, aviation, biotechnology, industry, environment, etc. In case of being compatible with all sectors, it shall be indicated by the word ALL.

Object of the aid

Details the purpose for which the aid was intended (it may be more than one): job creation, R&D, tangible and intangible investments, external advice and consultancy, marketing and trade promotion, etc.

Type of aid

It specifies the mode that governs financial aid. For example if there were non-recoverable subsidies, grants, a combination of both alternatives, or any other possibility.

Beneficiaries

It refers to the type of entities able to submit applications: consortia and associations of undertakings, individual entrepreneur, corporation, other (universities, technology centers or research, government, NGOs, etc.).

Description of the aid

It includes a description of the purpose, and what is mainly pursued by the aid. It also contains summary information of the requirements and characteristics to be met by projects financed, and what problems or challenges should be solved or faced.
Term of the call

Delimits the deadline for applications, indicating the start and end date of the call, and identifying whether it is a single stage call (single stage) or a several sections call (multiple cut-off).

Link for more information

Refers to the call link on the page of H2020 Programme within the official website of the European Commission, so that those interested in more information can consult it.
II.B- OPEN CALLS TO JUNE 2017
## EXCELLENCE SCIENCE

**ERC – European Research Council**

**Call: ERC PROOF OF CONCEPT GRANT (ERC-2017-POC)**

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Object of assistance</td>
<td>Job creation - R &amp; D + i</td>
</tr>
<tr>
<td>Type of aid</td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td>Beneficiaries</td>
<td>Other (Principal researchers)</td>
</tr>
</tbody>
</table>

### Description of the aid

ERC-Proof of Concept (ERC-2017-PoC): The ERC Proof of Concept Grants aim to maximize the value of the excellent research that the ERC funds, by funding further work (i.e. activities which were not scheduled to be funded by the original ERC frontier research grant) to verify the innovation potential of ideas arising from ERC funded projects. Proof of Concept Grants are therefore on offer only to Principal Investigators whose proposals draw substantially on their ERC funded research.

The financial contribution will be up to a maximum of EUR 150,000 for a period of 18 months. The ERC expects that normally, proof of concept projects should be completed within 12 months. However, to allow for those projects that require more preparation time, projects will be signed for 18 months.

### Term of the call

Deadlines to submission of proposals: Multiple cut-off:
- First cut off: January 19th, 2017
- Second cut off: April 25th, 2017
- Third cut off: September 5th, 2017

### Link for more information

[Here](#)
**EXCELLENCE SCIENCE**

**FET - Future and Emerging Technologies**

**Call: FET-OPEN – NOVEL IDEAS FOR RADICALLY NEW TECHNOLOGIES (H2020-FETOPEN-2016-2017)**

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Research, Development and Innovation - Tangible and intangible investments - Starting up of activities - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>This call aims to support the early stages of joint science and technology research for radically new future technological possibilities. The call is entirely non-prescriptive with regards to the nature or purpose of the technologies that are envisaged and thus targets mainly the unexpected. A bottom-up selection process will build up a diverse portfolio of projects.</td>
</tr>
</tbody>
</table>

The FET-Open call also seeks for coordination and support activities to turn Europe into the best place in the world for responsible collaborative research and innovation on future and emerging technologies that will make a difference for society in the decades to come. Finally, a specific topic under this call aims to stimulate innovation by initiating entrepreneurial activities around results from FET research projects.

Proposals are invited against the following topics:

* FETOPEN-01-2016-2017: FET-Open research and innovation actions: RIA Research and Innovation action
* FETOPEN-04-2016-2017: FET Innovation Launchpad: CSA Coordination and support action

**Term of the call**

Call with multiple cuts. Confirm deadlines according topic or topic of interest, as dates may vary.

**Link for more information**

[Here](#)
### EXCELLENCE SCIENCE

**MARIE CURIE ACTIONS**

**Call:** MARIE SKŁODOWSKA-CURIE CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES (H2020-MSCA-COFUND-2017)

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Education and training - Research, Development and Innovation</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Others (researchers)</td>
</tr>
</tbody>
</table>

**Description of the aid**

Co-funding of regional, national and international programmes (MSCA-COFUND-2017): The COFUND scheme aims to stimulate regional, national or international programmes to foster excellence in researchers’ training, mobility and career development, spreading the best practices of Marie Skłodowska-Curie actions.

This will be achieved by co-funding new or existing regional, national, and international programmes to open up to, and provide for, international, intersectorial and interdisciplinary research training, as well as transnational and cross-sectoral mobility of researchers at all stages of their career.

**Term of the call**

From April 5th, 2017 until September 28th, 2017

**Link for more information**

[Here](#)
EXCELLENCE SCIENCE

MARIE CURIE ACTIONS

Call: MARIE SKŁODOWSKA-CURIE INDIVIDUAL FELLOWSHIPS (H2020-MSCA-IF-2017)

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Object of assistance</td>
<td>Employment creation - Education and training - Research, Development and Innovation</td>
</tr>
<tr>
<td>Type of aid</td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td>Beneficiaries</td>
<td>Others (researchers)</td>
</tr>
<tr>
<td>Description of the aid</td>
<td>Individual Fellowships (MSCA-IF-2017): The goal of the Individual Fellowships is to enhance the creative and innovative potential of experienced researchers, wishing to diversify their individual competence in terms of skill acquisition through advanced training, international and intersectoral mobility. Individual Fellowships provide opportunities to acquire and transfer new knowledge and to work on research and innovation in a European context (EU Member States and Associated Countries) or outside Europe. The scheme particularly supports the return and reintegration of researchers from outside Europe who have previously worked here. It also develops or helps to restart the careers of individual researchers that show great potential, considering their experience.</td>
</tr>
<tr>
<td>Term of the call</td>
<td>From April 11th, 2017 until September 14th, 2017</td>
</tr>
<tr>
<td>Link for more information</td>
<td>Here</td>
</tr>
<tr>
<td>Sector to which it is addressed</td>
<td>ICT and information society</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td><strong>Object of assistance</strong></td>
<td>R &amp; D + i - Investments tangible and intangible</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
</tbody>
</table>

**Description of the aid**

The FET-Proactive call on HPC aims at the next steps for leveraging the existing European strengths for building the next generation of extreme performance computing and taking advantage of the new opportunities created from the transition from peta to exascale computing. The ultimate goal is to achieve world-class extreme scale computing capabilities in platforms, technologies and applications.

The call complements the other building blocks under the e-Infrastructures and LEIT-ICT parts of Horizon 2020 of the European HPC strategy. The implementation of this HPC strategy in Horizon 2020 combines three elements: (a) developing the next generation of HPC towards exascale; (b) providing access to the best supercomputing facilities and services; and (c) achieving excellence in HPC applications. The Public Private Partnership (PPP) with the European Technology Platform in HPC (ETP4HPC), provides the framework for the implementation of elements (a) and (c) of the HPC strategy.

Proposals should be related to the following topics:

*FETHPC-02-2017: Transition to Exascale Computing: RIA Research and Innovation action*

*FETHPC-03-2017: Exascale HPC ecosystem development: CSA Coordination and support action*

**Term of the call**

From April 12th, 2017 until September 26th, 2017

**Link for more information**

[Here](#)
MARIE CURIE ACTIONS

Call: TRANS-NATIONAL COOPERATION AMONG MARIE SKŁODOWSKA-CURIE NATIONAL CONTACT POINTS (H2020-MSCA-NCP-2017)

Sector to which it is addressed
Financial intermediation, consulting and services – Other activities

Object of assistance
Consultancy and external advising - National and international cooperation - Education and training - Tangible and intangible investments - Others

Type of aid
Subsidies and grants

Beneficiaries
Other (National Contact Points)

Description of the aid
MSCA National Contact Points (MSCA-NCP-2017): Facilitate trans-national cooperation between National Contact Points (NCPs) for the Marie Skłodowska-Curie actions (MSCA), with a view to identifying and sharing good practices and raising the general standard of support to applicants, taking into account the diversity of actors.

Support will be given to a consortium of formally nominated NCPs in the area of MSCA. The activities will be tailored according to the nature of the area, and the priorities of the NCPs concerned. Various mechanisms may be included, such as benchmarking, joint workshops, training sessions linked to MSCA as well as to Responsible Research and Innovation, etc. Special attention will be given to enhancing the competence of MSCA NCPs, including helping less experienced NCPs rapidly acquire the know-how accumulated in other countries. It will also be encouraged to build up cooperation with other networks to increase visibility to potential beneficiaries, especially in the non-academic sector.

Term of the call
From February 1st, 2017 to June 29th, 2017

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<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All</th>
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</thead>
<tbody>
<tr>
<td>Object of assistance</td>
<td>Research, Development and Innovation - Tangible and intangible investments - Others</td>
</tr>
<tr>
<td>Type of aid</td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td>Beneficiaries</td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td>Description of the aid</td>
<td>ECSEL-2017-2: An ECSEL Research and Innovation Action (RIA) primarily consists of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service, method, tool or solution. For this purpose they may include applied research, technology development and/or method/tool and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment. This call have two states, a first stage or project outline phase (PO Phase) and a second stage or Full Project Proposal (FPP). The project outline phase is blocking, in other words only proposals having submitted a project outline will be allowed to submit a full project proposal. The project outline phase will be evaluated and proposals can be rejected at that stage.</td>
</tr>
</tbody>
</table>
| Term of the call              | Call with 2 stages:  
  First stage: From February 22th, 2017 to May 11th, 2017  
  Second stage: From May 12th, 2017 to September 21th, 2017 |
| Link for more information     | Here |
## INDUSTRIAL LEADERSHIP

**LEIT - Leadership in enabling and industrial technologies**

**Call:** ECSEL-2017-1-IA-TWO-STAGE

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All</th>
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</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Research, Development and Innovation - Tangible and intangible investments - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortia and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>ECSEL-2017-1: An ECSEL Innovation Action (IA) primarily consists of activities aiming at pilot lines, test beds, demonstrators, innovation pilots and zones of full-scale testing. These activities produce plans and arrangements or designs for new, altered or improved products, processes, methods and tools or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.</td>
</tr>
<tr>
<td><strong>Term of the call</strong></td>
<td>Call with 2 stages: First stage: From February 22th, 2017 to May 11th, 2017 Second stage: From May 12th, 2017 to September 21th, 2017</td>
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<td><strong>Link for more information</strong></td>
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</tbody>
</table>
Industorial Leadership

LEIT - Leadership in enabling and industrial technologies / Innovation in SMEs


Sector to which it is addressed
All

Object of assistance
Consultancy and external advising – Quality - Research, Development and Innovation - Tangible and intangible investments - Marketing and sales promotion - Starting up of activities - Others

Type of aid
Subsidies and grants

Beneficiaries
Individual entrepreneur - Commercial Company

Description of the aid
Dedicated SME support is channeled through the SME instrument, introduced in the Work Programme 2014-2015, which promotes SMEs' innovation activities from concept to market. It provides support to a wide range of innovation activities, while helping to increase the economic impact of project results by its company-focused and market-driven approach.

The SME instrument addresses the financing needs of internationally oriented SMEs, in implementing high-risk and high-potential innovation ideas. It aims at supporting projects with a European dimension that lead to major changes in how business (product, processes, services, marketing etc.) is done. It will assist innovative SMEs to shape new markets, create growth, and achieve high return on investment.

The instrument will take place in three phases. SMEs are recommended to apply for Phase 1, but may also apply for subsequent phases depending on the progress of their proposals:

Phase 1. Concept & Feasibility Assessment: Idea to concept (6 months). The SME will draft an initial business proposal.

Phase 2. Demonstration, Market Replication, R&D: Concept to Market-Maturity (1-2 years). Proposals will be based on a business plan developed on phase 1 or otherwise.


In this call, are enabled topics related to Phase 1 and Phase 2.

Term of the call
Call with two phases and multiple cuts off. Confirm deadlines according to phases, as dates may vary.

Link for more information
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<table>
<thead>
<tr>
<th><strong>Sector to which it is addressed</strong></th>
<th>Financial intermediation, consulting and services – Other activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Consultancy and external advising - Research, Development and Innovation - Tangible and intangible investments - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>INNOSUP 05-2016-2017: Peer learning of innovation agencies (INNOSUP 05-2016-2017): The proposed activities will provide incentives in the form of small lump sum grants to national and regional innovation agencies for engaging in peer learning on all topics relevant for design and delivery of innovation support programmes for SMEs. The support to joint learning activities shall be available at any time when need and opportunity for policy learning in agencies arises. Peer learning is open for all topics for a better innovation support to SMEs. In the context of this action however, only the Twinning+ methodology as well as the quality management scheme for innovation agencies based on EFQM are recognized as learning methods. Participating agencies will be entitled to grants in the form of lump sums.</td>
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<tr>
<td><strong>Term of the call</strong></td>
<td>Call of multiple cuts-off:</td>
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<tr>
<td></td>
<td>From November 10th, 2015 to March 17th, 2016</td>
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<td>From March 18th, 2016 to October 18th, 2016</td>
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<td></td>
<td>From October 19th, 2016 to March 8th, 2017</td>
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<tr>
<td></td>
<td>From March 9th, 2017 to October 18th, 2017</td>
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<td><strong>Link for more information</strong></td>
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</table>
## INDUSTRIAL LEADERSHIP

**LEIT - Leadership in enabling and industrial technologies**

**Call:** HORIZON PRIZE – MATERIALS FOR CLEAN AIR (H2020-CLEANAIR-2015)

<table>
<thead>
<tr>
<th><strong>Sector to which it is addressed</strong></th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Research, Development and Innovation – Environment - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Others (Prize)</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>CLEANAIR-01-2015: Horizon Prize – Materials for Clean Air (CLEANAIR-01-2015): The Horizon Prize on materials for clean air is a €3 million prize that will be awarded to the person or team who can most effectively meet the following challenge: develop the best innovative design-driven material solution to reduce the concentration of particulate matter in urban areas. The objective pursued by this inducement prize is to reduce particulate matter air pollution in urban areas through the development of innovative material solutions. These solutions should be design-driven, affordable and sustainable, and they should demonstrate that they can effectively remove and/or prevent the formation of particulate matter in the atmosphere (vehicle exhaust systems will be excluded).</td>
</tr>
<tr>
<td><strong>Term of the call</strong></td>
<td>From January 26th, 2017 to January 23rd, 2018</td>
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<tr>
<td><strong>Link for more information</strong></td>
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</table>
### SOCIETAL CHALLENGES

**Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy**

**Call**: BIO BASED INDUSTRIES PPP (H2020-BBI-JTI-2017)

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>All related with bioindustry</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Quality - Employment creation - Research, Development and Innovation - Tangible and intangible investments – Environment - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>Bio-based industries are industries, which use renewable biological resources for the production of bio-based products and biofuels. Production usually takes place in biorefineries. They give rise to new value chains, linking previously unrelated primary producers and industries, thus opening new opportunities for a wide range of established players. Calls for proposals are published to support: - Coordination and Support actions, - Research and Innovation actions and - Innovation actions.</td>
</tr>
<tr>
<td><strong>Term of the call</strong></td>
<td>From April 11th, 2017 to September 7th, 2017</td>
</tr>
<tr>
<td><strong>Link for more information</strong></td>
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</tr>
</tbody>
</table>
### Sector to which it is addressed

Aerospace and aviation

### Object of assistance

- Research, Development and Innovation - Tangible and intangible investments
- Others

### Type of aid

Subsidies and grants

### Beneficiaries

- Consortiums and associations of companies
- Individual entrepreneur
- Commercial Company
- Other

### Description of the aid

The SESAR programme aims to ensure the modernization of the European air traffic management (ATM) system by coordinating and concentrating all relevant research and development efforts in the European Union.

The SESAR programme includes projects extending through Exploratory Research, Industrial Research and Validation and Very Large Scale Demonstrations. This call covers Exploratory Research activities and Very Large Scale Demonstrations activities.

- SESAR Exploratory Research (ER) drives the development and evaluation of innovative or unconventional ideas, concepts, methods and technologies; that can define and deliver the performance required for the next generation of European ATM system.
- The Very Large Scale Demonstrations (VLD) are designed to help fill the gap between the development and deployment phases.

This call, as it was already said, consists of two Work Areas (WA) with a clear scope of activities structured at the level of Topics:

- WA 1: Exploratory Research activities with 6 topics covering Transversal Exploratory Research activities (1 topic) and Application-Oriented Research (5 topics).
- WA 2: Very Large Scale Demonstrations with 10 topics covering demonstrations for High Performing Aviation in Europe (6 topics), Global Interoperability (2 topics), and Safe Integration of all Air Vehicles (2 topics).

### Term of the call

From December 15th, 2016 to May 11th, 2017

### Link for more information

[Here](#)
### Health, demographic change and wellbeing

**Call:** JTI-IMI2-2015-08-SINGLE-STAGE

<table>
<thead>
<tr>
<th>Sector to which it is addressed</th>
<th>Biotechnology, Pharmacy and Life Sciences - Chemical Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Research, Development and Innovation - Tangible and intangible investments - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortia and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>Ebola and other filoviral haemorrhagic fevers (Ebola+) programme: future outbreaks (IMI2-2015-08-01): This Call provides an opportunity to capture emerging scientific advances and to progress those rapidly into health care interventions. Proposals may address aspects of pre-clinical development and/or Phase 1, 2, and 3 clinical developments of vaccines (in particular multivalent), treatments and diagnosis of Ebola or other filovirus infections. Manufacturing strategies, vaccine stability during transport and storage, and/or deployment of vaccines and treatments are also in scope. Proposals for the development of adaptable platforms, which in addition to filoviruses can address multiple other priority pathogens, are also eligible.</td>
</tr>
<tr>
<td><strong>Term of the call</strong></td>
<td>Call with multiple cut-off: From December 18th, 2015 to March 16th, 2016 From March 17th, 2016 to September 15th, 2016 From September 16th, 2016 to March 16th, 2017 From March 17th, 2017 to September 14th, 2017 From September 15th, 2017 to March 15th, 2018</td>
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<td><strong>Link for more information</strong></td>
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<tr>
<td><strong>Sector to which it is addressed</strong></td>
<td>Energy efficiency and clean energy - Environment</td>
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<tr>
<td><strong>Object of assistance</strong></td>
<td>National and international cooperation - Research, Development and Innovation - Tangible and intangible investments - Others</td>
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<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
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<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
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</table>

**Description of the aid**

The Energy Efficiency area of this Work Programme has been designed for 2016/2017 with a stronger focus on consumer-related issues under the sub-area ‘Engaging consumers towards energy efficiency’. In addition, a strong consumer-oriented approach characterizes many of the topics in the sub-areas of ‘Heating and cooling’, ‘Buildings’, ‘Industry, products and services’, and ‘Innovative financing for energy efficiency’.

Under this call, there are 12 topics available for submission of applications, grouping these topics in the sub-areas mentioned above. All topics have the same deadline for submitting applications.

**Term of the call**

From January 19th, 2017 to June 7th, 2017

**Link for more information**

[Here](#)
### SOCIETAL CHALLENGES

#### Secure, clean and efficient energy

**Call: COMPETITIVE LOW-CARBON ENERGY (H2020-LCE-2016-2017)**

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<tr>
<th>Sector to which it is addressed</th>
<th>Energy efficiency and clean energy - Environment</th>
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<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>National and international cooperation - Research, Development and Innovation - Tangible and intangible investments - Others</td>
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<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortia and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>The center of gravity of Calls 2016 and 2017 remains the electricity system but with a number of openings for transnational collaboration and connections between energy networks. While Call 2016 puts emphasis on the electricity distribution system, the call in 2017 is opened for demonstration projects in the field of transmission. Call 2017 also includes links between distribution and transmission networks and links between the electricity network and other energy networks. Unlike the previous call where smart grid and storage were separate topics, the new integrated approach of the Set-Plan (Strategic Energy Technology Plan) is reflected through topics which integrate demand response, smart grid, storage and links with other networks.</td>
</tr>
<tr>
<td><strong>Term of the call</strong></td>
<td>Call for multiple cuts off and single stage themes. Confirm deadlines according to subject of interest, as dates may vary.</td>
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<tr>
<td><strong>Link for more information</strong></td>
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</table>
SOCIETAL CHALLENGES

Secure societies - protecting freedom and security of Europe and its citizens

Call: SECURITY (H2020-SEC-2016-2017)

Sector to which it is addressed
- Security

Object of assistance
- Research, Development and Innovation - Tangible and intangible investments
- Others

Type of aid
- Subsidies and grants

Beneficiaries
- Consortiums and associations of companies
- Individual entrepreneur
- Commercial Company
- Other

Description of the aid
This call is structured in the following sub-calls, each of them with their corresponding related topics:

Disaster-resilience: safeguarding and securing society: The objective of this sub-call is to reduce the loss of human life, environmental, economic and material damage from natural and man-made disasters, including from extreme weather events, crime and terrorism threats.

Fight against crime and Terrorism: The ambition of this sub-call is to mitigate potential consequences of incidents, or to avoid them. This requires new technologies and capabilities for fighting and preventing crime (including cybercrime), illegal trafficking and terrorism (including cyber-terrorism), including understanding and tackling terrorist ideas and beliefs, whilst respecting human rights and privacy.

Border Security and External Security: This sub-call targets the development of technologies and capabilities which are required to enhance systems, equipment, tools, processes, and methods for rapid identification to improve border security, whilst respecting human rights and privacy. This includes both control and surveillance issues, contributing to the further development of the European Border Surveillance System (EUROSUR) and promoting an enhanced use of new technology for border checks.

Term of the call
From March 1st, 2017 to August 24th, 2017

Link for more information
Here
### SOCIOETAL CHALLENGES

**Secure societies - protecting freedom and security of Europe and its citizens**

*Call: DIGITAL SECURITY FOCUS AREA (H2020-DS-2016-2017)*

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<th>Sector to which it is addressed</th>
<th>ICT and information society</th>
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<tr>
<td><strong>Object of assistance</strong></td>
<td>Research, Development and Innovation - Tangible and intangible investments - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
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<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortia and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td></td>
</tr>
<tr>
<td>* Cybersecurity PPP: Addressing Advanced Cyber Security Threats and Threat Actors (DS-07-2017):*</td>
<td></td>
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<tr>
<td>A- Research and Innovation Actions – Situational Awareness: The focus of the proposals should be on the development of novel approaches for providing organizations the appropriate situational awareness in relation to cyber security threats allowing them to detect and quickly and effectively respond to sophisticated cyber-attacks. The solution may leverage techniques such as anomaly detection, visualization tools, big data analysis, threat analysis, deep-packet inspection, protocol analysis, etc., as well as interdisciplinary research to counter threat actors and their methods.</td>
<td></td>
</tr>
<tr>
<td>B- Innovation Actions – Simulation Environments, Training: Proposals should develop innovative simulation environments and training materials in order to adequately prepare those tasked with defending high-risk organizations to counter advanced cyber-attacks. In the context of cyber security attacks, proposals may also consider scenario building and simulation training to prepare organizations’ response and decision making processes in relation obligations stemming from applicable legal frameworks or in the wider context of managing crises and emergency situations.</td>
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</tr>
<tr>
<td>* Cybersecurity PPP: Privacy, Data Protection, Digital Identities (DS-08-2017):*</td>
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</tr>
<tr>
<td>Innovation Actions: Proposals may cover one of the strands identified below:</td>
<td></td>
</tr>
<tr>
<td>A- Privacy-enhancing Technologies (PET): Novel designs and tools to provide users with the functionality they require without exposing any more information than necessary, and without losing control over their data, to any third parties. PET should be available in a broad spectrum of products and services, with usable, friendly and accessible safeguards options. PET should be developed having also cost effective solutions.</td>
<td></td>
</tr>
<tr>
<td>B- General Data Protection Regulation in practice: Tools and methods to assist organizations to implement the GDPR (General Data Protection Regulation) taking into account the final provisions of GDPR and guidance from relevant authorities. Proposals may also address the need to provide support (procedures, tools) for entities to understand how to operate without requiring unnecessary information (so as to promote privacy respecting practices).</td>
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</table>
C- Secure digital identities: With a view to reducing identity fraud while protecting the privacy of citizens, proposals should develop innovative, secure and privacy enhancing digital identity platforms beyond national eID systems. Activities may leverage existing European electronic identification and authentication platforms with clearly defined interfaces based on the (GDPR).

Term of the call
From March 1st, 2017 to August 24th, 2017

Link for more information
Here
### SOCIETAL CHALLENGES

**Secure societies - protecting freedom and security of Europe and its citizens**

**Call: CRITICAL INFRASTRUCTURE PROTECTION (H2020-CIP-2016-2017)**

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<tr>
<th>Sector to which it is addressed</th>
<th>ICT and information society</th>
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<tr>
<td><strong>Object of assistance</strong></td>
<td></td>
</tr>
<tr>
<td>Research, Development and Innovation - Tangible and intangible investments - Others</td>
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<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe (CIP-01-2016-2017): Proposals should focus on one of the following critical infrastructures: Water Systems, Energy Infrastructure (power plants and distribution), Transport Infrastructure and means of transportation, Communication Infrastructure, Health Services, and Financial Services. Proposals should cover: prevention, detection, response, and in case of failure, mitigation of consequences (including novel installation designs) over the life span of the infrastructure, with a view to achieving the security and resilience of all functions performed by the installations, and of neighboring populations and the environment. They should not only address in details all aspects of both physical and cyber threats and incidents, but also systemic security management issues and the combinations of physical and cyber threats and incidents, their interconnections, and their cascading effects. Innovative methods should be proposed for sharing information with the public in the vicinity of the installations, and the protection of rescue teams, security teams and monitoring teams.</td>
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<tr>
<td><strong>Term of the call</strong></td>
<td>From March 1st, 2017 to August 24th, 2017</td>
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SPREADING EXCELLENCE AND WIDENING

Spreading Excellence and Widening Participation

**Call**: WIDESPREAD (H2020-WIDESPREAD-2016-2017)

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<thead>
<tr>
<th>Sector to which it is addressed</th>
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</thead>
<tbody>
<tr>
<td><strong>Object of assistance</strong></td>
<td>Employment creation - Education and training - Research, Development and Innovation - Others</td>
</tr>
<tr>
<td><strong>Type of aid</strong></td>
<td>Subsidies and grants</td>
</tr>
<tr>
<td><strong>Beneficiaries</strong></td>
<td>Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other</td>
</tr>
<tr>
<td><strong>Description of the aid</strong></td>
<td>ERA Chairs (WIDESPREAD-03-2017): The ERA Chairs actions will support universities or research organizations with the objective of attracting and maintaining high quality human resources under the direction of an outstanding researcher and research manager (the &quot;ERA Chair holder&quot;) and in parallel implementing the structural changes necessary to achieve excellence on a sustainable basis. The scientific field can be any domain of research and innovation addressed under the Treaty, however it needs to be closely connected with the activities of the ERA Chair holder and fully capitalize on his/her presence and expertise.</td>
</tr>
<tr>
<td><strong>Term of the call</strong></td>
<td>From May 11th, 2017 to October 5th, 2017</td>
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<td><strong>Link for more information</strong></td>
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</tr>
</tbody>
</table>
Sector to which it is addressed
Real estate and construction activity - Consumer Goods - Industrial products and equipment - Other activities

Object of assistance
Research, Development and Innovation - Tangible and intangible investments - Others

Type of aid
Subsidies and grants

Beneficiaries
Consortiums and associations of companies - Individual entrepreneur - Commercial Company - Other

Description of the aid
The aim is to build effective cooperation between science and society, to recruit new talent for science and to pair scientific excellence with social awareness and responsibility.

The main objectives for 2016-17 for SWAFS are the following:

- Implement institutional changes that foster RRI (Responsible Research and Innovation) in R&I organizations: Past pilot activities have shown great potential for the future, notably by establishing good practices, but there are still bottlenecks to suppress (e.g. in terms of knowledge, behaviors, and spreading of good practices) in public and private governance frameworks;

- Extend and update Science with and for Society and RRI knowledge base: Although there is a good knowledge base regarding the relationships between science and society and while actions can be already taken in a number of domains, this knowledge base shall be extended and constantly updated.

Proposals are invited against the following sub-calls:

1. Institutional Change to Support Responsible Research and Innovation in Research Performing and Funding Organizations.

2. Embedding Responsible Research and Innovation in Horizon 2020 Research & Innovation.


Term of the call
From May 4th, 2017 to August 30th, 2017

Link for more information
Here