

How to make a proposal

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Topics

- Information and Guidance
- H2020 rules for participation
- Submit your proposal
- Evaluation process
- Cross-cutting features

Information and guidance

H2020 Calls

Call information and all necessary documentation are published on the Research **Participant Portal**

<http://ec.europa.eu/research/participants/portal>

- *User friendly Participant Portal*
- *Easy to find funding opportunities*
- *Interaction with EC services through ECAS login**
* EU Login from 6 October

Participant Portal Home Page

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On this site you can find and secure **funding** for projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme, Justice Programme

Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission



WHAT'S NEW?



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OPPORTUNITIES



HOW TO
PARTICIPATE



WORK AS AN
EXPERT



MY PERSONAL
AREA



INFORMATION
AND SUPPORT

HORIZON 2020

RESEARCH ON EUROPA

CORDIS

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Funding Opportunities landing page



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H2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

Justice Programme



Funding Opportunities

H2020 ONLINE MANUAL


Find the European Union funding opportunities and search for new or closed calls of the programmes described on this page.



Horizon 2020

Horizon 2020 is the new EU funding programme for research and innovation running from 2014 to 2020 with a €80 billion budget. H2020 supports **SMEs** with a new **instrument** that runs throughout various funded research and innovation fields, enhances EU **international research** and Third Country participation, attaches high importance to integrate **social sciences and humanities** encourages to develop a **gender dimension** in project.

H2020-calls page: Filter ICT





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3rd Health Programme

Asylum, Migration and Integration Fund

Consumer Programme

COSME

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Promotion of Agricultural Products


Research Fund for Coal & Steel

Rights, Equality and Citizenship Programme

FP7 & CIP Programmes 2007-2013

Calls

Calls for Proposals



Horizon 2020

[Advanced search for topics](#)
[Calls for tenders on TED](#)

- ☐ Excellent Science
 - ☐ European Research Council (ERC)
 - ☐ Future and Emerging Technologies (FET)
 - ☐ Marie-Sklodowska-Curie Actions
 - ☐ Research Infrastructures
- ☐ Industrial Leadership
 - ☐ Leadership in enabling and industrial technologies (LEIT)
 - ☒ Information and Communication Technologies

Status ☒ Calls with forthcoming topics ☒ Calls with open topics ☐ Calls with only closed topics

Sort by ☐ Call title ☐ Call identifier ☒ Publication date

Societal Challenges
Sustainable Food Security – Resilient and resource-efficient value chains
H2020-SFS-2016-2017
Publication date:14 October 2015

Industrial Leadership
Information and Communication Technologies Call
H2020-ICT-2016-2017
Publication date:14 October 2015


Industrial Leadership
EU-Brazil Joint Call
H2020-EUB-2017
Publication date:14 October 2015

Industrial Leadership
CALL FOR NANOTECHNOLOGIES, ADVANCED MATERIALS, BIOTECHNOLOGY AND PRODUCTION
H2020-NMBP-2016-2017
Publication date:14 October 2015

Industrial Leadership
Horizon 2020 dedicated SME Instrument 2016-2017
H2020-SMEInst-2016-2017
Publication date:14 October 2015

Industrial Leadership
Industry 2020 in the Circular Economy
H2020-IND-CE-2016-17
Publication date:14 October 2015

Search-Topics page for "Newcomers"



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H2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

Justice Programme

116 Results

Keyword Search: [SEARCH](#)

If you don't find your topic, you can also use the [free text search](#).

Programme ☒ H2020 ☐ RFCS ☐ COSME ☐ 3rd Health Programme
☐ Consumer Programme ☐ Justice Programme

Status ☒ Forthcoming ☒ Open ☐ Closed

Sort by ☐ (Planned) opening date ☐ Deadline ☐ Topic title ☒ Topic identifier

Topic: [ART-01-2017:ICT infrastructure to enable the transition towards road transport automation](#) **Forthcoming**

Publication date: 14 October 2015

Types of action: IA Innovation action
DeadlineModel: two-stage
Opening date: 20 September 2016
Deadline: 26 January 2017 17:00:00
2nd stage Deadline: 27 September 2017 17:00:00
Time Zone : (Brussels time)

Topic: [BG-09-2016:An integrated Arctic observation system](#) **Forthcoming**


Publication date: 14 October 2015

Types of action: RIA Research and Innovation action
DeadlineModel: single-stage
Opening date: 27 October 2015
Deadline: 17 February 2016 17:00:00
Time Zone : (Brussels time)

FP7 & CIP Programmes 2007-2013

Calls

Other Funding Opportunities



H2020
Simplification
Survey

H2020-ICT-2016-2017 call page

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Consumer Programme

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FP7 & CIP Programmes 2007-2013

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CALL: INFORMATION AND COMMUNICATION TECHNOLOGIES CALL

[Call budget overview](#)

Call identifier: H2020-ICT-2016-2017

Publication date: 14-10-2015



Horizon 2020
> Industrial Leadership

[H2020 website](#)

Call summary

[+ More](#)

Scene Setter:

A novelty in Horizon 2020 is the Pilot on Open Research Data which aims to improve and maximise access to and re-use of research data generated by projects. Projects funded under the ICT call of the Work

Topics and submission service

To access the **Submission Service**, please **select the TOPIC** of your interest and then open the Submission Service tab. To access **existing draft proposals**, please login to the portal and select My Proposals from the My Area menu.

Status

☒ Forthcoming

☒ Open

☐ Closed

Sort by

☐ (Planned) opening date

☐ Deadline

☐ Topic title

☒ Topic identifier

Topic: [ICT-01-2016:Smart Cyber-Physical Systems](#)

Forthcoming

Publication date: 14 October 2015

Types of action: CSA Coordination and support action, RIA Research and Innovation action

DeadlineModel: single-stage

Deadline:

12 April 2016 17:00:00

Opening date: 20 October 2015

Time Zone : (Brussels time)

Topic page

Finnnno

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Justice Programme

FP7 & CIP Programmes 2007-2013

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[Call budget overview](#)

TOPIC : Smart Cyber-Physical Systems

Topic identifier: ICT-01-2016

Publication date: 14-10-2015

Types of action: CSA Coordination and support action , RIA Research and Innovation action

DeadlineModel: single-stage

Planned opening date: 20-10-2015

Deadline: 12-04-2016 17:00:00

Time Zone : (Brussels time)



Horizon 2020

> Industrial Leadership

Call : [H2020-ICT-2016-2017](#)

[H2020 website](#)

Topic Description

[+ More](#)

Specific Challenge:

The importance of the areas of the often time- and safety-critical embedded and cyber-physical systems (CPS) will continue to grow with the increasing pervasiveness of ICT and the development of the Internet

Topic conditions and documents

[+ More](#)

Please read carefully all provisions below before the preparation of your application.

Submission Service

The submission system is planned to be opened on the date stated on the topic header.

Get support

[+ More](#)

H2020 Online Manual your online guide on the procedures from proposal submission to managing your grant.

Submission service

EU Programmes 2014-2020

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FP7 & CIP Programmes 2007-2013

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Other Funding Opportunities



TOPIC : Digital automation

[Call budget overview](#)

Topic identifier: FOF-11-2016
Publication date: 14-10-2015
Types of action: CSA Coordination and support action , RIA Research and Innovation action
DeadlineModel: single-stage
Opening date: 15-10-2015
Deadline: 21-01-2016 17:00:00
Time Zone : (Brussels time)



Horizon 2020
> Industrial Leadership
Call : [H2020-IND-CE-2016-17](#)

[H2020 website](#)

Topic Description

[+ More](#)

Specific Challenge:

Manufacturing value chains are distributed and dependent on complex information and material flow requiring new approaches inside and outside the factory both on process and product lifecycle level, from

Topic conditions and documents

[+ More](#)

Please read carefully all provisions below before the preparation of your application.

Submission Service

To access the Electronic Submission Service of the topic, please select the **type of action** that is most relevant to your proposal from the list below and click on the '**Start Submission**' button. You will then be asked to confirm your choice of the type of action and topic, as these cannot be changed in the submission system. Upon confirmation you will be linked to the correct entry point.

To access existing draft proposals for this topic, please login to the Participant Portal and select the My Proposals page of the My Area section.

Type of Action [Coordination & support action \[CSA\]](#)

[START SUBMISSION](#)

Topic Digital automation - FOF-11-2016

Type of Action [Research and Innovation action \[RIA\]](#)

[START SUBMISSION](#)

Topic Digital automation - FOF-11-2016

Guidance on proposal submission:

[H2020 ONLINE MANUAL](#)

IT Guidance:

[HOW TO](#)

Get support

[+ More](#)

[H2020 Online Manual](#) your online guide on the procedures from proposal submission to managing your grant.

Your "personal home page" after having created your own account

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My Organisation(s)

My Proposal(s)

My Project(s)

My Notification(s) **1277**

My Formal Notification(s)

My Expert Area



Horizon 2020 Funding

Starting from 1/1/2014

On this site you can find and secure **funding** for projects under the following EU programmes:

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- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- 3rd Health Programme, Asylum, Migration and Integration Fund, Consumer Programme, COSME, Internal Security Fund Borders, Internal Security Fund Police, Justice Programme, Promotion of Agricultural Products Programme, Rights, Equality and Citizenship Programme and Research Fund for Coal & Steel

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- search for funding
- read the H2020 Online Manual & download the legal documents
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- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission



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H2020 rules for participation

Forms of funding

Grants

- Research and innovation actions
- Innovation actions
- Coordination and support actions
- SME instrument
- ERANET co-fund
- Pre-commercial procurement actions
- Public procurement of innovative solutions actions

Other

- Framework Partnership Agreement
- Prizes, procurement, financial instruments ● ● 14



Research and Innovation Action

•Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution

- For this purpose they may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment
- Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment



Innovation Action

•Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services

- For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication
- Aiming to validate the technical and economic viability in a (near) operational environment and/or aiming to support the first application/deployment in the market of an innovation that has already been demonstrated but not yet applied/deployed in the market due to market failures/barriers to uptake
- Projects may include limited research and development activities

Research & Innovation Actions	Innovation Actions
Basic & applied research	Limited R&D activities
Testing / validation on small-scale prototype (in lab or simulated environment)	Prototyping, testing, large-scale product validation & market replication
Limited demo or pilot activities (to show tech feasibility in a near to operational environment)	Demo or pilot activities (to show tech feasibility in operational environment)
Developing innovations meeting needs of markets	Developing innovations meeting needs of markets & their delivery to market
Exploitation activities	
Innovation management	



Coordination & Support Action

- **Actions consisting primarily of accompanying measures such as**
 - standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure, and
 - may also include complementary activities of strategic planning, networking and coordination between programmes in different countries



SME Instrument

For single SMEs or SME consortia

- **Phase 1:** Feasibility study verifying the technological/practical as well as economic viability of an innovation idea/concept with considerable novelty
- **Phase 2:** Innovation projects that address a specific challenge and demonstrate high potential in terms of company competitiveness and growth underpinned by a strategic business plan.
- Phase 2 proposals should be based on a strategic business plan either developed through phase 1 or another means



ERA-NET Cofund

• Supports public-public partnerships, including joint programming initiatives between Member States, in their preparation, establishment of networking structures, design, implementation and coordination of joint activities as well as EU topping-up of a trans-national call for proposals

- The main activity is the implementation of the co-funded joint call for proposals that leads to the funding of transnational research and/or innovation projects. In addition, the consortia may implement other joint activities including other joint calls without EU co-funding
- May also, depending on the research area and the underlying national programmes and their governing principles, target governmental research organisations. The co-funded call will in these cases be based on in-kind contributions from their institutional funding and the beneficiaries carry out the transnational projects resulting from their call fully or partially themselves

❑ **The in-kind contributions are the resources allocated as direct expenditure in the selected trans-national projects that are not reimbursed by the EU contribution**



Pre-Commercial Procurement (PCP)

•Encourage public procurement of research, development and validation of new solutions that can bring significant quality and efficiency improvements in areas of public interest, whilst opening market opportunities for industry and researchers

- Provides EU co-funding for a group of procurers to undertake together one joint PCP procurement, so that there is one joint call for tender, one joint evaluation of offers, and a lead procurer awarding the R&D service contracts in the name and on behalf of the group
- Each procurer contributes its individual financial contribution to the total budget necessary to jointly finance the PCP, enabling the procurers to share the costs of procuring R&D services from a number of providers and comparing together the merits of alternative solutions paths to address the common challenge
- The PCP shall explore alternative solution paths from a number of competing providers to address one concrete procurement need that is identified as a common challenge in the innovation plans of the procurers that requires new R&D
- Cross-border PCP cooperation should aim to better address issues of common European interest, for example where interoperability and coherence of solutions across borders is required

Public Procurement of Innovative Solutions (PPI)

•Enable groups of procurers to share the risks of acting as early adopters of innovative solutions, whilst opening market opportunities for industry

- Provides EU co-funding for a group of procurers to undertake together one joint PPI procurement, so that there is one joint PPI call for tender launched by the 'lead procurer' and one joint evaluation of offers
- In case framework contracts/agreements with lots are used, the specific contracts for procuring specific quantities of goods/services for each procurer can be awarded either all by the lead procurer or by each procurer in the group individually
- Each action focuses on one concrete unmet need that is shared by the participating procurers and requires the deployment of innovative solutions that are to a significant extent similar across countries and are therefore proposed to be procured jointly

- ❑ This means that the innovative solutions procured by all procurers in the group shall have the same core functionality and performance characteristics, but may have additional 'local' functionality due to differences in the local context of each individual procurer

Admissibility conditions for proposals

- Submitted via the electronic submission service
- Readable, accessible and printable
- Complete
- Includes a **draft plan for the exploitation and dissemination** of the results (if not otherwise specified)
- Page limits will apply, but will not block the overshooting proposals' evaluation

Eligibility conditions for proposals

- **Proposal is in scope of the topic**
- **Standard minimum conditions:**
 - For standard collaborative actions (RIA and IA)
 - **3** independent legal entities, each established in a different Member State and/or Associated country
 - For CSA
 - **1** legal entity
 - For the SME instrument
 - At least **1** for-profit SME established in a Member State/ Associated Country (no third country participation!)
- **Additional eligibility conditions**
can be set out in the Work Programme
(i.e. number of participants, type of participants, etc.)

Eligibility for funding

- Entities established in a Member State / Associated Country* or third country identified in the WP (no third-country funding for the SME instrument)
- Entities created under European Union law (e.g. the JRC)
- International European interest organisation (e.g. CERN, ESA)
- Other entities, e.g. from industrialised third countries, may receive funding if:
 - their participation is essential for the project or
 - such funding is foreseen in a bilateral agreement between the Union and a third country / international organisation

* Please note that Switzerland is an associated country for some calls and a third country for others. For more details, please consult:
http://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020-hi-swiss-part_en.pdf

Simplified Funding Model

- **One reimbursement rate** per action
(same rate for all beneficiaries and all activities):
 - Up to 100% for Research and Innovation actions (RIAs) and CSAs
 - Up to 70% for Innovation actions (IAs) (non-profit entities up to 100%)
 - Up to 70% for the SME instrument Phase 2 (Phase 1: 50 kEuro lump sum)
 - Up to 90% for Pre-commercial Procurement Actions (PCP)
 - WP to specify the reimbursement rate
(e.g. 33% for ERANET co-fund)
- **One method for the calculation of indirect costs:**
 - Flat rate of 25% of total direct costs, excluding subcontracting, costs of third parties and financial support to third parties
 - If provided in WP, lump sum or unit costs
- Funding cannot exceed **total eligible costs minus receipts**

Submit your proposal



Electronic Submission

Electronic Submission System accessible from the Participant Portal's topic page

1. ECAS password
2. Participant Identification Code (PIC) compulsory for all partners
3. Prepare proposal
 - On-line form for Part A – Administrative forms
 - Upload Part B – Technical annex - pdf files
4. Validation-check button available on-line for Part A
5. Submit the proposal in good time before the 17h00 deadline

Submission failure rate = $\pm 1\%$

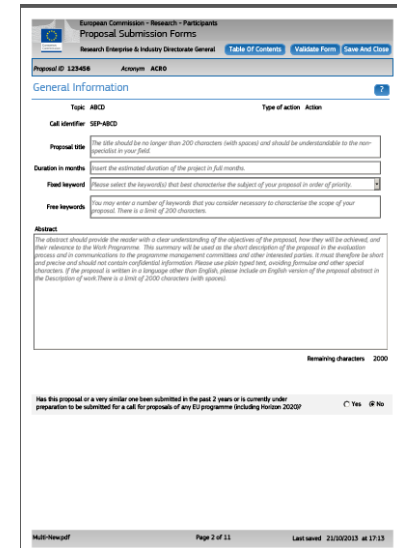
Only reason for failure: waiting with submission until the last minute

- Technical problems
- Panic-induced errors (uploading the wrong proposal)
- Starting the uploading too late → running out of time

Administrative forms 1/2

Section 1: General information

- Title, acronym, topic, etc.
- Fixed and free keywords
- 2000 character proposal abstract
- Re-application (re-submission)
- Declarations



The screenshot shows the 'General Information' section of the proposal submission form. It includes fields for 'Title', 'Acronym', 'Topic', 'Call identifier', 'Proposal title', 'Duration in months', 'Fixed keyword', and 'Free keywords'. There is also a large text area for the 'Abstract' and a checkbox for 'Has this proposal or a very similar one been submitted in the past 2 years or is currently under preparation to be submitted for a call for proposals of any EU programme (including Horizon 2020)?'. The form is titled 'European Commission - Research - Participants Proposal Submission Forms' and includes a 'Table of Contents' link.

Section 2: Participants & contacts (one form per partner)

- PIC to identify the partner
- Department
- Dependencies
- Contact information

Administrative forms

2/2

Section 3: Budget and requested grant

3 - Budget for the proposal

No	Participant	Country	(A) Direct personnel costs/€ ?	(B) Other direct costs/€ ?	(C) Direct costs of sub-contracting/€ ?	(D) Direct costs of providing financial support to third parties/€ ?	(E) Costs of linked contributions not used on the beneficiary's premises/€ ?	(F) Indirect Costs / € (=0.25(A+B+E)) ?	(G) Special unit costs covering direct & indirect costs / € ?	(H) Total estimated eligible costs / € (=A+B+C+D+F+G) BENEFICIARY ?	(I) Reimbursement rate (%) BENEFICIARY ?	(J) Max.EU Contribution / € (=H*I) BENEFICIARY ?	(K) Costs of third parties linked to participant THIRD PARTIES ?	(L) Max.EU Contribution / € THIRD PARTIES ?	(M) Total Costs for BENEFICIARY & THIRD PARTIES (=H+K) ?	(N) Max.EU Contribution / € BENEFICIARY & THIRD PARTIES (=J+L) ?	(O) Requested EU Contribution / € BENEFICIARY & THIRD PARTIES ?
1	Test Ec Coordinator	BE	20000000	10000000	5000000	3000000	1000000	7250000,00	1000000	46250000,00	100	46250000,00	1000000	0	47250000,00	46250000,00	46250000,00
2	Test Ncp	PL	0	0	0	0	0	0,00	0	0,00	100	0,00	0	0	0,00	0,00	0,00
3	Ncp Test Company IE	NO	0	0	0	0	0	0,00	0	0,00	70	0,00	0	0	0,00	0,00	0,00
Total			20000000	10000000	5000000	3000000	1000000	7250000,00	1000000	46250000,00		46250000,00	1000000,00	0,00	47250000,00	46250000,00	46250000,00

Section 4: Ethics' questionnaire

Section 5: Call-specific questions

- Clinical trial, SME instrument, Open Data Pilot, ERANET, PCP, PPI

Self-check for SME status, financial viability

Technical annex: **1st PDF: sections 1 - 3**

Structured around the three evaluation criteria:

Section 1: criterion *Excellence*

- E.g. Objectives, concept, progress beyond state-of-art,...

Section 2: criterion *Impact*

- E.g. Potential impact (with particular reference to the impact section in the WP);
- Measures to maximise impact (exploitation, dissemination to professional audiences, communication to the general public)

Section 3: criterion *Implementation*

- E.g. Consortium and distribution of tasks
- Including work-package descriptions
- Information on third parties and subcontractors ...

Technical annex: 2nd PDF: sections 4 - 5

Section 4: Members of the consortium, their skills and experience, involvement in similar projects etc.

Section 5: Ethics and Security

Templates are supplied by the submission system and available on the Participant Portal (on the topic pages)

Submission in H2020

- Simpler but tougher page limits:
 - 70 pages for RIA and IA standard full proposals
 - 50 pages for CSA
 - 90 pages for PCP, PPI
- check if a stricter page limit applies (e.g. FETPROACT) in the topic conditions or proposal template
- “warn and watermark”: watermarked pages will not be taken into account in the evaluation
- Page limits only apply to sections 1-3 of the Technical Annex (1st PDF)

For calls with
fixed deadline



Successful electronic submission

- Each submission overwrites the previous one
- Make an early submission to check out the procedure and your proposal
- Make your final submission in good time ...
- ... then look at what you submitted while there is still time to submit a correct version

Never (ever!)

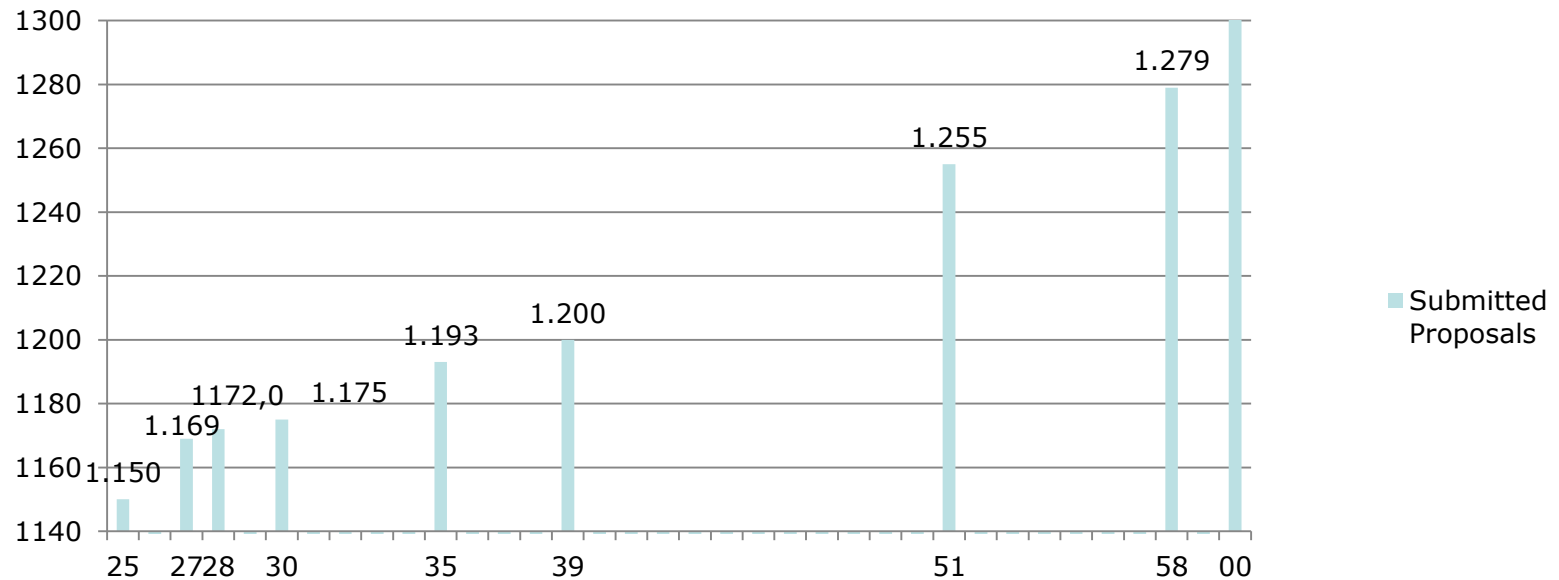
plan to submit in the last 30 minutes of the call!

If in trouble,

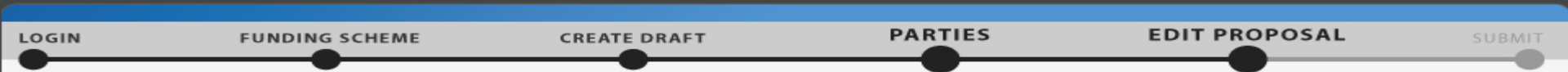
immediately call the submission service helpdesk

H2020-ICT-2014: Proposal submissions as of 16:25. Deadline was 17:00.

Submitted Proposals



Do not forget to push the submit button!!



Step 5

Edit Proposal

TEST MODE

H2020-SC6-REV-INEQUAL-2016-2017

	USER NAME Francisco GUIRAO MOYA
	TOPIC REV-INEQUAL-09-2017
	TYPE OF ACTION CSA
A.B.C.	ACRONYM test
	DRAFT ID SEP-210391161 days left until closure
THU 02	DEADLINE (Brussels Local Time) February 2017 17:00:00

Adobe Reader Configuration OK

Download Part B Templates

[Visit our 'How to' user guide](#)

[Visit our 'H2020 Online Manual'](#)

Edit Proposals' Forms

In this step you can edit the administrative forms and upload the proposal itself.

WARNING: This proposal contains changes that have not yet been submitted...

Administrative Forms

Edit will open the forms in Adobe Reader.

[edit forms](#)

[view history](#)

[print preview](#)

Part B and Annexes

In this section you may upload the technical annex of the proposal (in PDF format only) and any other requested attachments.

Technical Annex Section 1.3

[upload](#)

h2020-wp1617-leit-ict_en.pdf

[delete](#)



Technical Annex Section 4.5

[upload](#)

h2020-wp1617-leit_en.pdf

[delete](#)



Optional annex 3: Ethics - Supporting Document(s)

[upload](#)



[<< Step 4 - Parties](#)

[validate](#)

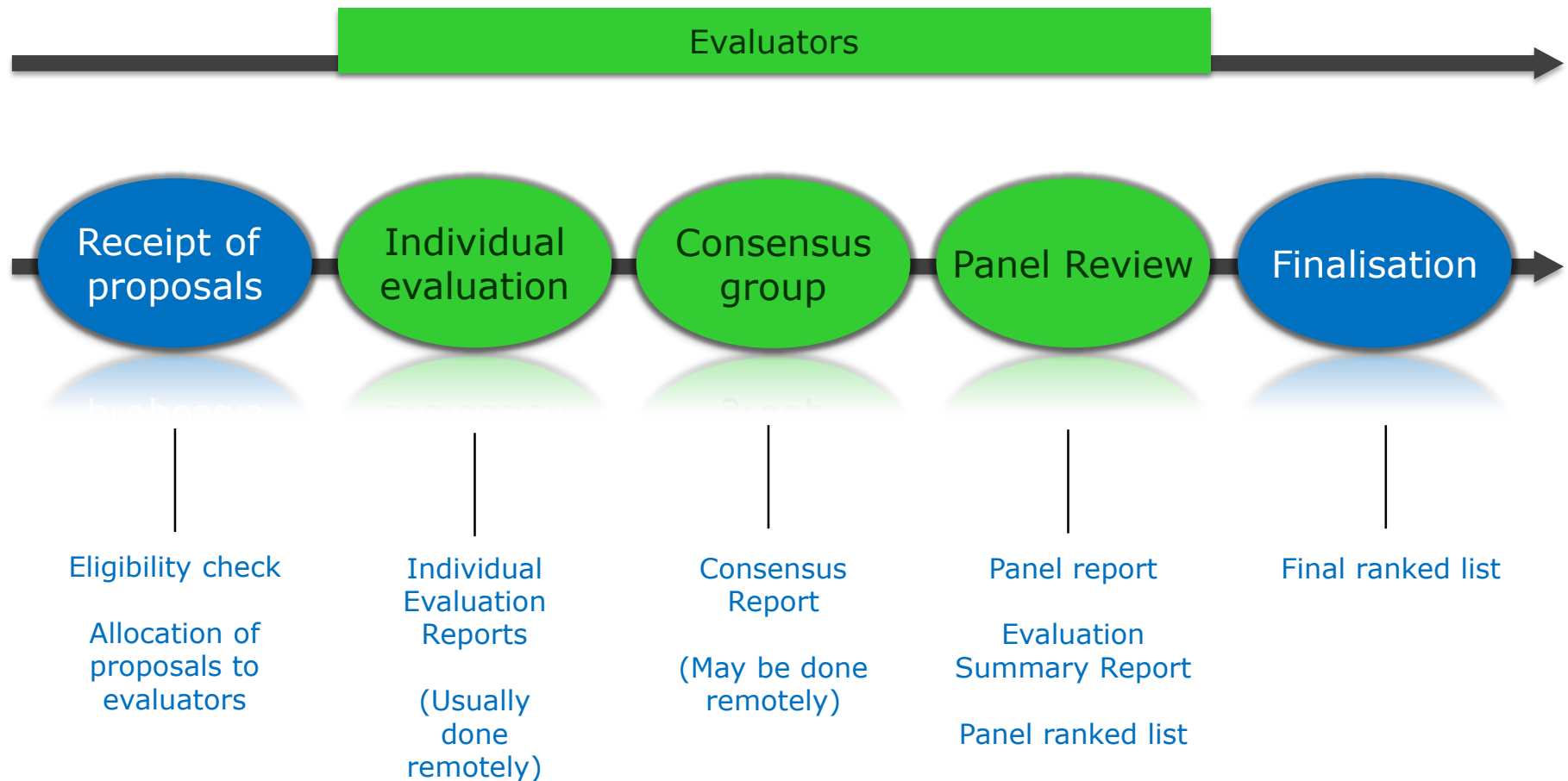
[submit](#)

done

Version: 20160914-1520 - Service Desk: DIGIT-EFP7-SEP-SUPPORT@ec.europa.eu (+32 (2) 29 92222)

Evaluation process

Evaluation process



Process monitored by independent experts

The evaluation procedure is similar to the one under FP7, however adapted to H2020

- Consistent across the programme
- New types of calls; new types of proposals
 - multi-disciplinary and multi-sectorial; more emphasis on innovation and close-to-market
- Simplification for applicants, experts, and for streamlined operations;
 - 8 months time to grant (single-stage calls):
 - 5 months to evaluate and inform applicants on evaluation outcome
 - 3 months for grant preparation and signing

No grant negotiation phase!

- A proposal is evaluated as submitted **not on its potential**, if certain changes were to be made
- Shortcomings are identified, but no recommendations made
- Shortcomings are reflected in a lower score for the corresponding criterion
- Proposals with significant weaknesses that prevent the project from achieving its objectives, or with seriously over-estimated resources will not receive above-threshold scores;
- Any proposal with scores above thresholds can be selected as submitted

Evaluation of proposals

- **Evaluation carried and monitored out by independent experts**
- **Evaluation (award) criteria**
 - Excellence
 - Impact
 - Quality and efficiency of the implementation

Details, e.g. the sub-criteria, thresholds and weightings (if weightings are applicable) are described in the Work Programme and its General Annex (Annex no. 20)

Research and Innovation Actions (RIA)/Innovation Actions (IA)/SME instrument

European
Commission

Excellence

Extent that proposed work corresponds to the topic description in the work programme

- Clarity and pertinence of the objectives
- Soundness of the concept, and credibility of the proposed methodology
- Extent that proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models)
- Appropriate consideration of interdisciplinary approaches and , where relevant, use of stakeholder knowledge.

Impact

- The expected impacts listed in the work programme under the relevant topic
- Any substantial impacts not mentioned in the WP, that would enhance innovation capacity; create new market opportunities, strengthen competitiveness and growth of companies, address issues related to climate change or the environment, or bring other important benefits for society
- Quality of proposed measures to exploit and disseminate project results (including IPR, manage data research where relevant);communicate the project activities to different target audiences (n/a SME Phase 1)

Implementation

- Quality and effectiveness of the work plan, including extent to which resources assigned in work packages are in line with objectives/deliverables
- Appropriateness of management structures and procedures, including risk and innovation management
- Complementarity of the participants which the consortium as a whole brings together expertise
- Appropriateness of allocation of tasks, ensuring that al participants have a valid role and adequate resources in the project to fulfill that role

Coordination & Support Actions (CSA)

European

Excellence

Extent that proposed work corresponds to the topic description in the work programme

- Clarity and pertinence of the objectives
- Soundness of the concept, and credibility of the proposed methodology
- Quality of the proposed coordination and/or support measures

Impact

- The expected impacts listed in the work programme under the relevant topic
- Quality of proposed measures to:
 - Exploit and disseminate project results (including IPR, manage data research where relevant);
 - Communicate the project activities to different target audiences

Implementation

- Quality and effectiveness of the work plan, including extent to which resources assigned in work packages are in line with objectives/deliverables
- Appropriateness of management structures and procedures, including risk and innovation management
- Complementarity of the participants which the consortium as a whole brings together expertise
- Appropriateness of allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfill that role

ERA – NET Cofund

European
Research Area

Excellence

Extent that proposed work corresponds to the topic description in the work programme

- Clarity and pertinence of the objectives
- Soundness of the concept, and credibility of the proposed methodology
- Level of ambition in the collaboration and commitment of the participants in the proposed ERA-NET action to pool national resources and coordinate their national/regional research programmes

Impact

- The expected impacts listed in the work programme under the relevant topic
- Achievement of critical mass for the funding of trans-national projects by pooling of national/regional and contribution to establishing and strengthening a durable cooperation between the partners and their national/regional research programmes
- Quality of proposed measures to exploit and disseminate project results (including IPR, manage data research where relevant); communicate the project activities to different target audiences (n/a SME Phase 1)

Implementation

- Quality and effectiveness of the work plan, including extent to which resources assigned in work packages are in line with objectives/deliverables
- Appropriateness of management structures and procedures, including risk and innovation mgt
- Complementarity of the participants which the consortium as a whole brings together expertise
- Appropriateness of allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfill that role

Pre-Commercial Procurement Actions (PCP)/ Public Procurement of Innovative Solutions (PPI)

European
Commission

Excellence

Extent that proposed work corresponds to the topic description in the work programme

- Clarity and pertinence of the objectives
- Soundness of the concept, and credibility of the proposed methodology
- Progress beyond the state of the art in terms of the degree of innovation needed to satisfy the procurement need

Impact

- The expected impacts listed in the work programme under the relevant topic
- Strengthening the competitiveness and growth of companies by developing innovations meeting needs of European and global procurement markets
- Quality of proposed measures to exploit and disseminate project results (including IPR, manage data research where relevant); communicate the project activities to different target audiences (n/a SME Phase 1)
- More forward looking procurement approaches reducing fragmentation of demand for innovative solutions

Implementation

- Quality and effectiveness of the work plan, including extent to which resources assigned in work packages are in line with objectives/deliverables
- Appropriateness of management structures and procedures, including risk and innovation mgt
- Complementarity of the participants which the consortium as a whole brings together expertise
- Appropriateness of allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfill that role

Scoring/thresholds/weights

- The scores range from 0 to 5;
- Threshold for each individual criterion: 3;
- Total threshold: 10;
- For Innovation Actions and SME instrument
 - impact criterion weighted by factor of 1.5
 - impact considered first when overall scores equal
- There are deviations from the above! They can be found in the call or topic conditions.

Selection criteria

Operational capacity (OC - no specific provisions)

- *Operational capacity means that the applicants must have the professional competencies and qualifications required to complete the proposed action or work programme: it may be assessed on the basis of specific qualifications, professional experience and references in the field concerned.*
- OC is checked against the information in the proposal's Part B section 4:
 - Curricula Vitae or descriptions of the profiles of the applicants
 - Relevant publications or achievements
 - Relevant previous projects or activities
 - Description of any significant research infrastructure or any major items of technical equipment

Financial capacity

- Only coordinator of actions asking for 500 kEUR or more, except specific cases
- No verification of public bodies, entities guaranteed by a MS or AC and higher and secondary education establishments

Selection of proposals

- In each topic, all above threshold proposals are listed in descending order of overall scores
- We select proposals starting from the top of the list until the available budget is consumed
- Hence, the ranking of proposal is very important

Proposals with identical total scores

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- For each group of proposals with identical total scores, the panel considers first proposals that address topics that are not already covered by more highly-ranked proposals
- The panel then orders them according to:
 - **First, their score for Excellence,**
 - **And second, their score for Impact**
 - Or the other way round for IAs and where specified in the Work Programme (WP)
- If there are ties, the panel takes into account the following factors:
 - **First, the size of the budget allocated to SMEs**
 - **Second, the gender balance of personnel carrying out the research and/or innovation activities**
- If there are still ties, the panel agrees further factors to consider:
 - **e.g. synergies between projects or contribution to the objectives of the call or of Horizon 2020**
- The same method is then applied to proposals that address topics that are already covered by more highly-ranked proposals

Ethics review

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- Only proposals that comply with the ethical principles and legislation may receive funding
- For proposals considered for funding, an ethics screening and, if necessary, an ethics assessment is carried out by independent ethics experts in parallel with or soon after the scientific evaluation
- For proposals in which one or more ethical issues are identified, the experts will assess **whether the ethics issues have been adequately addressed by the applicants**
- The ethics experts will produce an ethics report and give an opinion on the proposal, including:
 - **Granting ethics clearance (or not)**
 - **Granting conditional ethics clearance: Fulfillment of 'ethics requirements' either before grant signature or during project lifetime (contractual obligations), or**
 - **Recommending an Ethics Assessment and/or Ethics Checks or Audits**
- The outcome of the ethics review is communicated to the applicants in the form of an Ethics Summary Report.

Cross-cutting features

- Innovation
- RRI and SSH
- Dissemination
- Communication

Innovation in H2020

- **Innovation is mainstreamed in Horizon 2020**
- Different aspects of innovation are called for under each of the 3 evaluation criteria (the same in RIA and IA):
 - 'Excellence' criterion (excerpt)
 - *Extent that proposed work is beyond the state of the art, and **demonstrates innovation potential***
 - 'Impact' criterion (excerpt)
 - *Any substantial impacts not mentioned in the WP, **that would enhance innovation capacity**; [...]*
 - 'Quality & efficiency of the implementation' (excerpt)
 - *Appropriateness of the management structures and procedures, including risk and **innovation management**.*
- **Exploitation ≠ Innovation**

Innovation is also being supported via:

- **'Procurement of Innovation'**
- **'Inducement Prizes'**
- **SME Instrument**
- **'Open Disruptive Innovation'**
- **'Fast Track to Innovation'**
- **....**



Responsible Research and Innovation (RRI) & Social Sciences and Humanities SSH)

An organic approach to RRI/SSH across the WP

- **The pervasiveness and radicality of the changes ICT brings about (e.g. the rise of hyperconnectivity) makes it critical for innovation to be responsible:
No responsibility? No innovation!**
- **RRI actions & SSH expertise are called for in e.g. Excellent Science (EXC), Industrial Leadership (LEIT), and Societal Challenges (SC) calls**

More info on RRI and SSH in WP 2016/2017:

- <https://ec.europa.eu/digital-agenda/en/responsible-research-and-innovation-ict-related-parts-h2020>
- **Responsible R&I and Societal Dimension (RRI-SSH)**
session **Tuesday 27 September, 14:00-14:40**



Pilot on Open Research Data in H2020: scope

Open access: the practice of providing on-line access to scientific information that is free of charge to other users and that is re-usable.

All WP 2016-2017 areas now participate in the Open Research Data Pilot

Guidelines on open access:

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf

Open Access / Open Science session at:

Monday 26 September, 11:20-12:00

Data management in Horizon 2020

- **Data Management Plans (DMPs) mandatory for all projects participating in the Pilot, optional for others**
 - **DMPs are NOT part of the proposal evaluation**, they need to be generated within the first six months of the project as an obligatory deliverable and updated as needed
 - All proposers to submit general information on data management - evaluated under criterion 'Impact'
- DMP questions:
 - What data will be collected / generated?
 - What standards will be used / how will metadata be generated?
 - What data will be exploited? What data will be shared / made public?
 - How will data be curated and preserved?

Why disseminate? / Why communicate?

Because you have a good story and a clear message for a target audience.

Dissemination: Your project is successful and you want to:

- build a community for discussion, project development, scaling up, best-practice exchange , experience sharing, piloting before market, etc.
- highlight a successful partnership and influence a choice for replicating and scaling up (MS participation, co-funding, collaboration instruments, etc.)
- show that investment in innovation is worth it and you wish to ask a specific audience (e.g. policy makers) for more investment

Communication:

- show the impact of the project to a wider audience.
- e.g. focus the impact on your region ('localise' the content via your local media)

Dissemination & Communication actions in practice

- Plan your Dissemination and communication actions: get started soon and identify the right timing
- Map your audiences and stakeholders
- Build a narrative which includes the EU policy your project contributes to implement
- Find good stories: examples, facts and figures and use visualisation if appropriate (videos, infographics, figures)
- choose the most appropriate style and language (it depends on your audience) to express the concepts and messages, choose the most appropriate tools to reach your goals and target audience
- Go social (use social media: Facebook, Twitter etc.)!
- Follow up, monitor and measure
- Keep your PO informed!

We are looking for more experts, in particular female experts!

Female Participation in ICT calls:

	2014	2015	2016
	28%	38%	45%

Appropriately qualified professionals should apply to work as experts in H2020 evaluations

*Application via the
Participant Portal*



*The selection is made per
call deadline to ensure a broad range of knowledge
and expertise and avoid conflicts of interest*

Thank you very much for your attention!
Question time! Your questions, please!



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