

H2020 Calls

Dr. Theodora Tsikrika

Dr. Thanos Stavropoulos CERTH-ITI

athstavr@iti.gr

Outline

- **General Annexes**
- Participation in practice
- Evaluation of the proposals
- Final tips
- Health Work Programme 2020

General Annexes - A

List of countries eligible for funding

1. The 28 MS
2. The 16 Countries Associated to Horizon 2020 (As of 1 January 2017):
 - Iceland
 - Norway
 - Albania
 - Bosnia and Herzegovina
 - the former Yugoslav Republic of Macedonia
 - Montenegro
 - Serbia
 - Turkey
 - Israel
 - Moldova
 - Switzerland
 - Faroe Islands
 - Ukraine (except Autonomous Republic of Crimea or the city of Sevastopol)
 - Tunisia
 - Georgia
 - Armenia

Latest Update on Associated Countries:

https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf

General Annexes – A (Continued)

3. **List of third countries as in Annex A.**
4. **International European interest organisations** (the majority of whose members are MS or AC, and whose principal objective is to promote scientific and technological cooperation in Europe)
5. Legal entities established in countries not listed above will be eligible for funding **when such funding is explicitly foreseen in the call.**
6. In addition, legal entities established in countries not listed in Annex A and international organisations (IOs) **will be eligible for funding:**
 - When funding for such participants is provided for under a **bilateral scientific and technological agreement** or any other arrangement between the EU and an international organisation or a third country;
 - When the Commission deems participation of the entity **essential for carrying out the action** funded through Horizon 2020 (**outstanding competence and expertise, access to unique know-how, access to research infrastructures**, access to geographical environments, involving key partners in emerging markets, access to data, etc.)

General Annexes – C

B. Standard admissibility conditions and related requirements

- Submitted electronically in the system
- Readable, accessible and printable
- Complete
- Draft plan for exploitation and dissemination

- Page limits
 - Part B.1-3 only (no restriction on part B.4-6)
 - Limit: default 70 pages IA/RIA, 50 for CSAs; all pages above the limit become blank

- Supporting Docs for operational capacity assessment:
 - **CVs of responsible / key persons**
 - **~5 relevant publications / products / services**
 - **Description of infrastructure / equipment (if relevant)**
 - **Possible 3rd party involvement**

General Annexes – C (Continued)

C. Standard eligibility criteria

- Minimum number of partners as set out in the call conditions
- Be in scope
- **Other criteria** may apply on a call-by-call basis as set out in the call conditions
- **For us:**
 - **Additional Admissibility / Eligibility Conditions:**
 - For all SEC and INFRA topics: please fill out practitioner self declaration table of 4.3

Types of Action: Funding & Eligibility

Annex D/E

Coordination and Support Action (CSA):

- Up to 100% of eligible costs
- Eligibility criteria: 1 legal entity established in a MS or AC

Research and Innovation Action (RIA):

- Up to 100% of eligible costs
- Eligibility criteria: 3 independent legal entities, each established in a different MS or AC

Innovation Action (IA):

- Up to 70% of eligible costs (exception: for non-profit LEs up to 100%)
- Eligibility criteria: 3 independent legal entities, each established in a different MS or AC

General Annexes – G

G. Technology Readiness Levels (TRL)

- TRL 1 – basic principles observed
- TRL 2 – technology concept formulated
- TRL 3 – experimental proof of concept
- TRL 4 – technology validated in lab
- TRL 5 – technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 6 – technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 7 – system prototype demonstration in operational environment
- TRL 8 – system complete and qualified
- TRL 9 – actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)

Evaluation criteria (RIA/IA)

Excellence (to the extent that the proposal addresses the WP topic)	Impact	Quality and efficiency of the implementation
<ul style="list-style-type: none"> • Clarity and pertinence of the objectives; • Soundness of the concept, and credibility of the proposed methodology; • Extent that the 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 organizational models) • Appropriate consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge. 	<p>The extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the work programme under the relevant topic;</p> <ul style="list-style-type: none"> • Any substantial impacts not mentioned in the work programme, 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 the proposed measures to: <ul style="list-style-type: none"> • Exploit and disseminate the project results (including management of IPR), and to manage research data where relevant. • Communicate the project activities to different target audiences 	<ul style="list-style-type: none"> • Quality and effectiveness of the work plan, including extent to which the resources assigned to work packages are in line with their objectives and deliverables; • Appropriateness of the management structures and procedures, including risk and innovation management; • Complementarity of the participants and extent to which the consortium as whole brings together the necessary expertise; • Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.

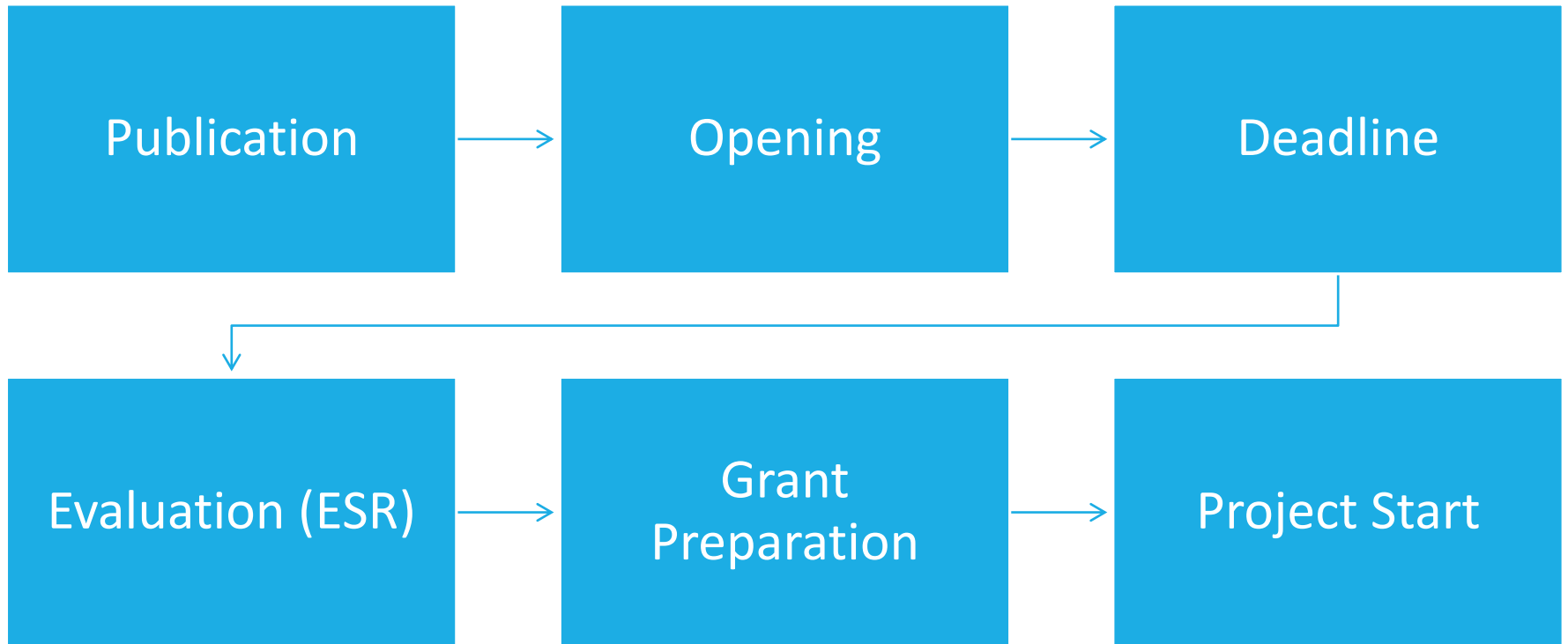
Evaluation criteria (CSA)

Excellence (to the extent that the proposal addresses the WP topic)	Impact	Quality and efficiency of the implementation
<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • The extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the work programme under the relevant topic; • Quality of the proposed measures to: <ul style="list-style-type: none"> • Exploit and disseminate the project results (including management of IPR), and to manage research data where relevant. • Communicate the project activities to different target audiences 	<ul style="list-style-type: none"> • Quality and effectiveness of the work plan, including extent to which the resources assigned to work packages are in line with their objectives and deliverables; • Appropriateness of the management structures and procedures, including risk and innovation management; • Complementarity of the participants and extent to which the consortium as whole brings together the necessary expertise; • Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.

Outline

- General Annexes
- **Participation in practice**
- Evaluation of the proposals
- Final tips
- Work Programme 2019 – an overview

Tentative Timeline



Understand the Topic Description

1. Specific Challenge

- Background information: context, policies, state of the art, existing gaps, etc

2. Scope (to be addressed in B.1 "Excellence" and B.3 "Implementation")

- Requirements for successful proposals: content, formal,..
- Additional information such as flags (international cooperation), TRL, indicative budget, etc...

Expected Impact (to be addressed in the B.2 "Impact" criterion)

- Short/medium term
- Long term

Funding & tender opportunities



Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)



SEARCH FUNDING & TENDERS

HOW TO PARTICIPATE

PROJECTS & RESULTS

WORK AS AN EXPERT

SUPPORT

INFRA01



Match whole words only

GRANTS

TENDERS

Filter by submission status



FORTHCOMING



OPEN



CLOSED

Filter by programme (only for grants)

Select a Programme...

Funding and tenders

Sort by: opening date ▲

1 results



Download all funding and tender opportunities to your calendar or subscribe to RSS

See all calls for tenders published by EC

Grant

Prevention, detection, response and mitigation of
INFRA01-2018-2019-2020

Types of action: Innovation action | Programme: Horizon 2020

Forthcoming

Topic

Funding & tender opportunities

NEW

Oct 27, 2017

Human factors, and social, societal, and organisational aspects of border and external security

ID: SU-BES01-2018-2019-2020

TOPIC NAME and CODE

Focus area: Boosting the effectiveness of the Security Union (SU)

Type of action:

RIA Research and Innovation action

Deadline Model : single-stage

Planned opening date: **14 March 2019**

Topic Updates

**UPDATES
(pls. check!)**

[Topic description](#)

Conditions and documents

Partner Search

Submission service

Get support

Call information

Topic Description

**WP TOPIC
DESCRIPTION**

Specific Challenge:

Border and external security may depend on a variety of human factors, and some media impact border control are required. One main challenge is to manage the technology or organisational measure will need to be accepted by the European Union citizens and their family members, independently of their nationality).

Scope:

**OPENING DATE
AND DEADLINE**



Go back to search results

Topic conditions and documents

**CONDITIONS
& DOCS**

1. Eligible countries: described in Annex A of the Work Programme.

PARTNER SEARCH TOOL



Understand the Types of Actions (ToA)

- **Innovation Action (IA) – 8 topics**
- **Research and Innovation Action (RIA) - 8 topics**
- **Coordination and Support Action (CSA) – 1 topic [GM01]**

Innovation Action (IA)

Action primarily consisting of activities that produce plans and arrangements or designs for new, altered or improved products, processes or services

- May include **prototyping, testing, demonstrating, piloting, largescale product validation and market replication.**
- Aim to **validate the technical and economic viability in a (near) operational environment** and/or 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**
- **TRL \approx 6-8** (if not indicated otherwise in the WP)

Research & Innovation Action (RIA)

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

- May **include basic and applied research, technology development and integration**, testing and validation on **small-scale prototype** in laboratory or simulated environment
- Projects may contain closely connected but **limited demonstration or pilot activities** to show technical feasibility in a near to operational environment
- **TRL \approx 4-6** (if not indicated otherwise in the WP)

Coordination & Support Action (CSA)

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
- may also include complementary activities of strategic planning, networking and coordination between programmes in different countries

Proposal – General Structure

Part A (fill-in online): Sections 1 to 5

Part B (upload 2 pdf files): **please download templates from topic page**

1- First pdf file – Sections 1-3 (specific to ToA!):

- Section 1: Excellence
- Section 2: Impact
- Section 3: Implementation

Page limits: 70 pages (RIA/IA) or 50 pages (CSA)

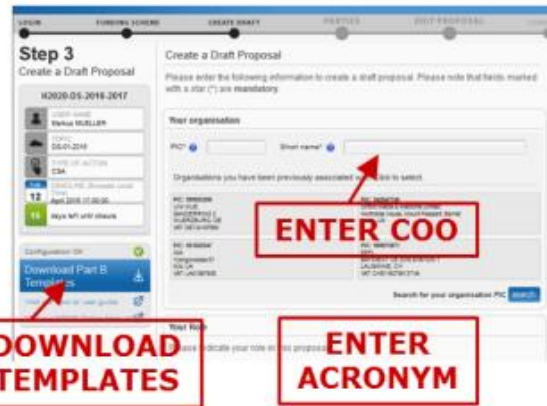
2- Second pdf file – Sections 4-6 (common for all ToAs):

- **Section 4: Members of the consortium** (operational capacity)
SEC and INFRA only: **4.3 with table for declaration of practitioners**
- **Section 5: Ethics and Societal Impact** (in addition to self-assessment of Part A)
- **Section 6: Security** (no classified information in the proposal, to address possible classification of fore/background)

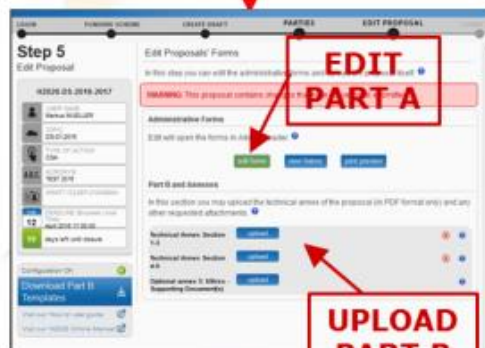
No page limit

How to create your proposal and submit

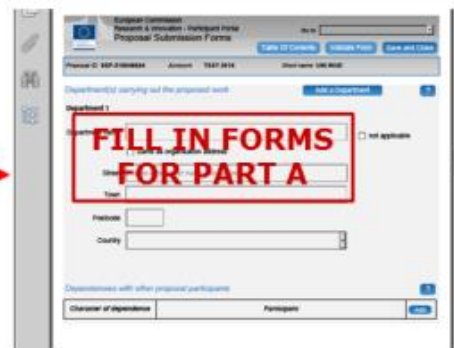
3: Create Draft



4: Parties



5: Edit Proposal



5: Edit Proposal



6: Submit

All calls: specific templates - Part A

A.5: Societal Impact Table

- must be filled in (cf. also part B5.2 "Societal Impact on next slide).
- compliance with the provisions of the Charter of Fundamental Rights of the EU!
- When developing technologies, consider the concept of "Privacy by Design"

5-Call-specific questions

Does your research meet the need of society?		Page
1. Does the proposed research address documented societal security need(s) (e.g. life, liberty, health, employment, property, environment, values)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	25
2. Does the research output meet these needs? Will this be demonstrated? Will the level of societal acceptance be assessed?	<input checked="" type="radio"/> Yes <input type="radio"/> No	36-59
3. Does the research address threats to society (e.g. crime, terrorism, pandemic, natural and man-made disasters etc.)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
4. Does the proposed research address in an appropriate way these threats?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research benefit society?		Page
5. Do segment(s) of society benefit from the proposed research?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

All calls: specific templates - Part B

B 5.2: Societal Impact

5.2 Societal Impact

If in the administrative proposal forms (Part A), you have replied YES to at least one of the questions and you refer to additional information to be given, you must complete this section:

- Describe how your project will assess the Societal Impact by providing formal consideration

B 6: Security

Please download part B templates using button at step 3 (cf. previous slides) !

Section 6: Security⁴

⚠ *This section is not covered by the page limit.*

*This section applies only to certain projects. Please check whether it is relevant to yours.
See Guidance - Guidelines for the classification of research results.*

Please indicate if your project will involve:

- Activities or results raising security issues: (YES/NO), if YES please complete sections 6.1, 6.3 and 6.4
- 'EU-classified information' as background or results: (YES/NO), if YES please complete sections 6.2.2, 6.3 and 6.4.

6.1. Limited dissemination list

Provide an overview of all deliverables subject to limited dissemination, clearly stating the date of production, the entities responsible and the intended dissemination.

All calls: specific templates - Part B

4.3 Participants fulfilling the additional Eligibility and Admissibility Conditions as specified in the Work Programme

If the call conditions of the work programme foresee additional eligibility and admissibility conditions in terms of required participation of certain categories of entities (e.g. critical infrastructure operators, local governments (of cities or metropolitan areas,) first responder organizations / agencies, LEAs, standardisation organisations, organizations in charge of national planning in relations with pandemics preparedness, border or coast guards authorities, practitioner organizations under civilian authority and command, practitioner organizations, "buyers", ...) the qualifying entities should be clearly identified in the following table:

<i>Participant Short Name</i>	<i>Participant No. (as in administrative forms)</i>	<i>Country</i>	<i>Category of entity as required in the WP</i>	<i>Justification or comment</i>

Facilitates the verification of the additional admissibility and eligibility conditions for both sides !!

Attention points

- **Respect the page limits:** excess pages will be **blank**
 - **Note:** All **tables** must be **included** within this limit.
 - **Note:** **Minimum font size** allowed is **11 points**. The **page size** is **A4**, and all **margins** (top, bottom, left, right) should be at least **15 mm** (not including any footers or headers).
 - **Note:** Relevant **information for Sections 1-3** cannot be moved to sections **4-6** or elsewhere.
- **Submit on time:**
 - **Complete the submission, including all checks, well before the deadline** to avoid last-minute technical problems, human errors, time-delay in uploading, ...
 - **Note:** Until the deadline you **can always reedit and resubmit**

Reminder - no “creative” formatting attempts!

Extracts from the template

The use of a different font for the body text is not advised and is subject to the cumulative conditions that the font is legible and that its use does not significantly shorten the representation of the proposal in number of pages compared to using the reference font (for example with a view to bypass the **page limit**).

⚠ Page limit: The title, list of participants and sections 1, 2 and 3, together, should not be longer than 70 pages. All tables, figures, references and any other element pertaining to these sections must be included as an integral part of these sections and are thus counted against this **page limit**.

Section 4: Members of the consortium

⚠ *This section is not covered by the page limit.*

⚠ *The information provided here will be used to judge the operational capacity. **Please make sure that you do not include information here that relates to the headings under sections 1 to 3.** Experts will be instructed to ignore any information here which appears to have been included to circumvent page limits applying to those sections.*

Operational Capacity

As part of the Individual Evaluation, **the evaluators give their view on whether each applicant has the necessary basic operational capacity to carry out their proposed activity (ies)** based on the information provided in Section 4:

- Curriculum Vitae or description of the profile of the applicant
- Relevant publications or achievements
- Relevant previous projects or activities
- Description of any significant infrastructure or any major items of technical equipment

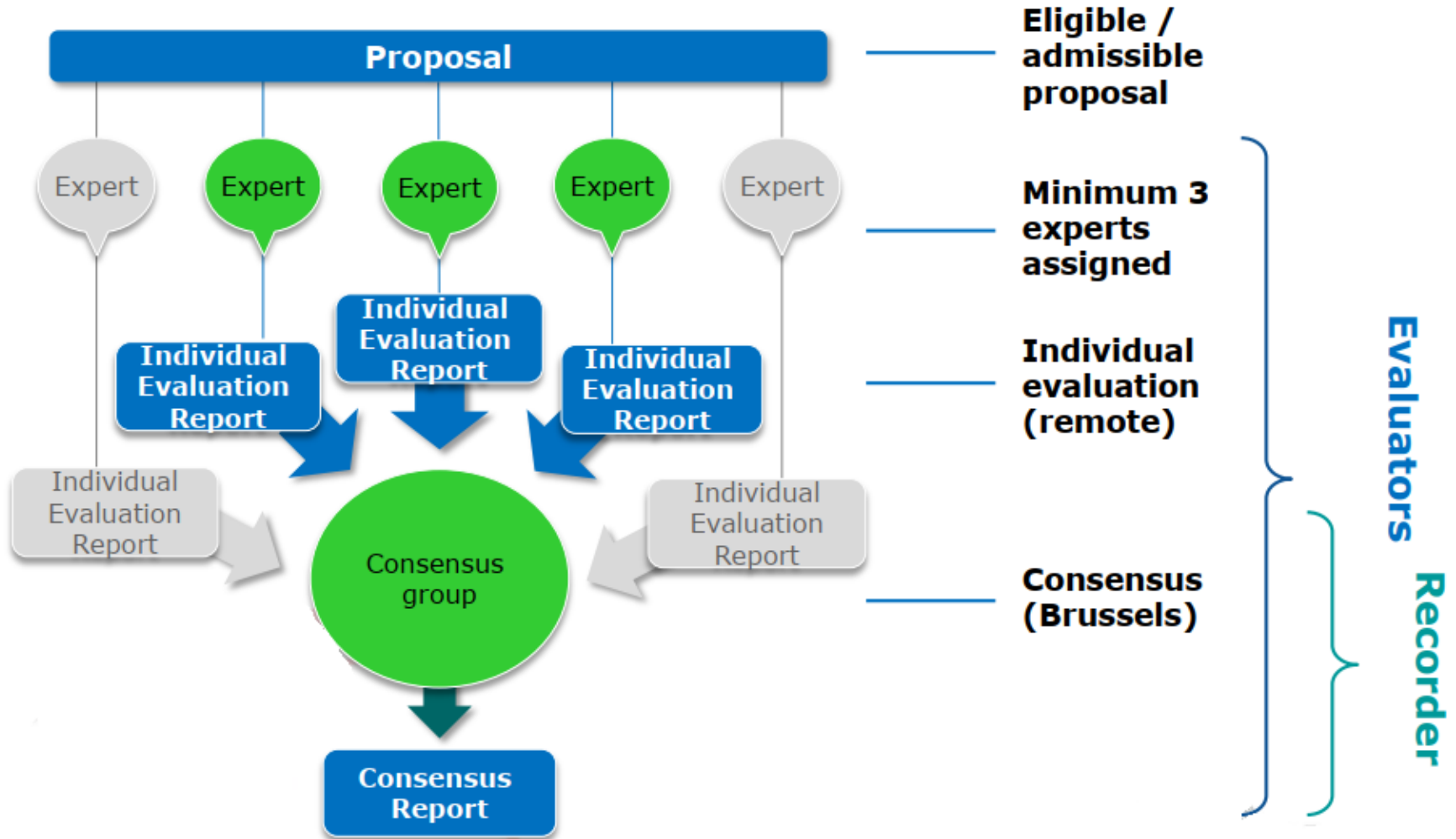
At the consensus group, the evaluators consider whether an applicant lacks basic operational capacity

If yes, the evaluators make comments and score the proposal without taking into account this applicant and its associated activity(ies)

Outline

- General Annexes
- Participation in practice
- **Evaluation of the proposals**
- Final tips
- Work Programme 2019 – an overview

Evaluation - Process



Evaluation - Scoring/weights/thresholds

- Each criterion scored out of **5 (cf. next slide)**
- Individual threshold of **3**
- Overall threshold of **10**

- Ranking: sum of the scores on each criterion
- For IA, **Impact (CR2) weighted by 1.5** to determine ranking:
- Normalised score = $(CR1+1.5*CR2+CR3)/17.5*15$

- The procedure for setting a priority order for proposals with the same score is given in **part H of the General Annexes**

Evaluation - Interpretation of the Scores

0

The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.

1

Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.

2

Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.

3

Good. The proposal addresses the criterion well, but a number of shortcomings are present.

4

Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.

5

Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Ranking proposals with identical total scores

Proposals that sub-topics, not otherwise covered by more highly ranked proposals, will be considered to have the highest priority.

The panel then orders them according to:

- First, their score for **EXCELLENCE** (**IMPACT [IA only]**)
- And second, their score for **IMPACT** (**EXCELLENCE [IA only]**)

If there are ties, further prioritisation on:

- 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

- **Only proposals that comply w/ the ethical principles and legislation may receive funding**
- For main and reserve list proposals an ethics screening and, if required, an ethics assessment is carried out by independent ethics experts after the scientific evaluation
- For those proposals in which one or more ethical issues have been identified, **the experts will assess whether the ethics issues are adequately addressed**
- The ethics experts will produce an **ethics report** and give an opinion on the proposal, such as:
 - **granting ethics clearance (or not)**
 - **recommending the inclusion of 'ethics requirements' in the grant agreement, or**
 - **recommending a further Ethics Assessment and/or an Ethics Check or Audit**

Outline

- General Annexes
- Participation in practice
- Evaluation of the proposals
- **Final tips**
- Work Programme 2019 – an overview

Final Tips!

- **Check carefully [incl. additional!] admissibility and eligibility conditions**
- **Read carefully the topic description ("scope", "expected impact") – will your proposal match the expectations?**
- **Use the right proposal templates** and follow the instructions
- **Address thoroughly the selection and award criteria**
- Respect the **page limits**
- **Clearly describe what you will achieve and how you will do it**
- Choose your **consortium based on your project needs** (e.g. no duplications or partners without clear responsibilities,...)
- **Describe carefully the impact** (expected, societal, economic [IA: business analysis, market potential,..])
- **Submit (a first version) well before the final deadline**

More Info

- Funding & Tender Opportunities

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/tenders>

- H2020 Reference Documents

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents>

- Research Enquiry Service

https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation_en

- Support Overview (including FAQ and Helpdesks)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/support>

- National Contact Points

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>

Outline

- General Annexes
- Participation in practice
- Evaluation of the proposals
- Final tips
- **Work Programme 2019 – an overview**

Work Programme

https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-health_en.pdf

Areas

- Personalized medicine
- Innovative Health and Care Industry
- Infectious diseases and improving global health
- Innovative Health and Care Systems – Integration of Care

Open “eHealth” Calls

Call	Topic	Type	Deadline	Suggested Budget	Total Budget	Projects Funded
DT-ICT-12-2020	AI for the smart hospital of the future	IA	22 April 2020	7 - 10 M	40 M	4 - 5
DT-TDS-04-2020	AI for Genomics and Personalised Medicine	RIA	22 April 2020	10 M	35 M	3 - 4
SC1-DTH-02-2020	Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies	RIA	22 April 2020	4 - 6 M	32 M	6 - 7
SC1-DTH-04-2020	International cooperation in smart living environments for ageing people	RIA	22 April 2020	4 M Japan - 4 M Canada	8 M	2
SC1-DTH-06-2020	Accelerating the uptake of computer simulations for testing medicines and medical devices	RIA	22 April 2020	6 - 8 M	32 M	5 - 6
SC1-DTH-12-2020	Use of Real-World Data to advance research on the management of complex chronic conditions	RIA	07 April 2020	4 - 6 M	41 M	8 - 10

“Clinical” calls

SC1-BHC-06-2020	Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data	RIA	07 April 2020	8 - 15 M	40 M	3 - 5
SC1-BHC-35-2020	Creation of a European wide sustainable network for harmonised large-scale clinical research studies for infectious diseases	RIA	07 April 2020	25 - 30 M	30 M	1
SC1-BHC-37-2020	Towards the new generation of clinical trials – trials methodology research	RIA	07 April 2020	4 - 6 M	6 M	1
SC1-BHC-17-2020	Global Alliance for Chronic Diseases (GACD) - Prevention and/or early diagnosis of cancer	RIA	07 April 2020	1 - 3 M	20 M	7 - 15

“Coordination” Calls

SC1-HCC-09-2020	Supporting deployment of eHealth in low and lower middle income countries in Africa for better health outcomes	CSA	22 April 2020	1.5 - 2 M	2M	1
SC1-HCC-08-2020	Scaling up innovation for active and healthy ageing	CSA	22 April 2020	1.5 - 2 M	2 M	1
SC1-HCC-10-2020	Towards a Health Research and Innovation Cloud: Capitalising on Data Sharing Initiatives in Health Research	CSA	07 April 2020	2 - 3 M	3 M	1
SC1-HCO-20-2020	Coordination of Clinical Research Activities of the European Reference Networks	CSA	07 April 2020	1.5 - 2 M	2 M	1
SC1-HCO-01-2018-2019-2020	Actions in support of the International Consortium for Personalised Medicine	CSA	07 April 2020	1.5 - 2 M	4 M	2
SC1-HCO-03-2020	Bridging the divide in health research and innovation – boosting return on investment	CSA	07 April 2020	1.5 - 2 M	2 M	1
SC1-HCO-18-2020	Developing methodological approaches for improved clinical investigation and evaluation of high-risk medical devices	CSA	07 April 2020	1 - 2 M	2 M	1 - 2
SC1-HCO-19-2020	Reliable and accessible information on cell and gene-based therapies	CSA	07 April 2020	1.5 - 2 M	2 M	1
SC1-HCO-14-2020	ERA-NET: Sustained collaboration of national and regional programmes in cancer research	ERA	07 April 2020	5 M	5M	1
SC1-HCO-16-2020	ERA-NET: Sustained collaboration of national and regional programmes in research on brain-related diseases and disorders of the nervous system	ERA	07 April 2020	5 M	5M	1



Thank you!
Any Questions?

