



#InvestEUresearch

# Horizon 2020 Work Programme for Research & Innovation 2018-2020

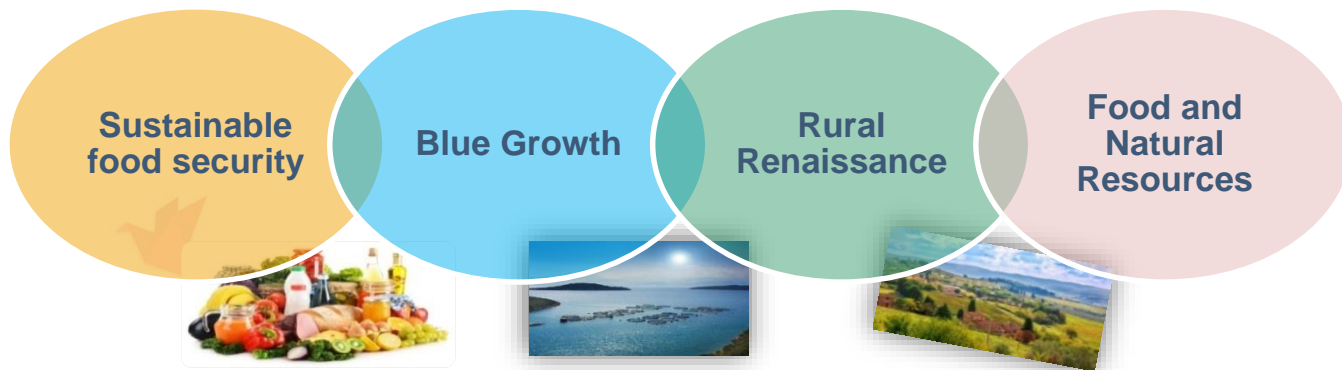
## Key facts on **Societal Challenge 2** calls

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Research Executive Agency - REA

Research and  
Innovation

## Commission services involved in Societal Challenge 2

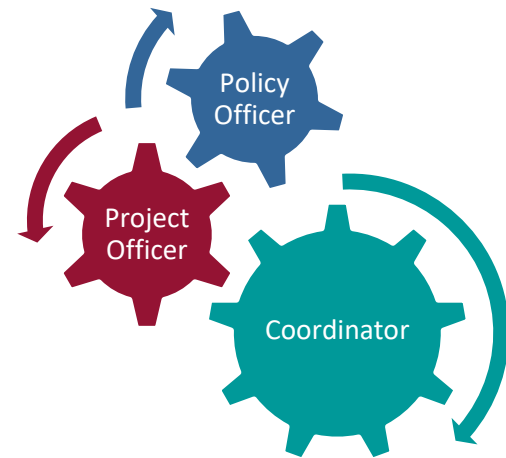
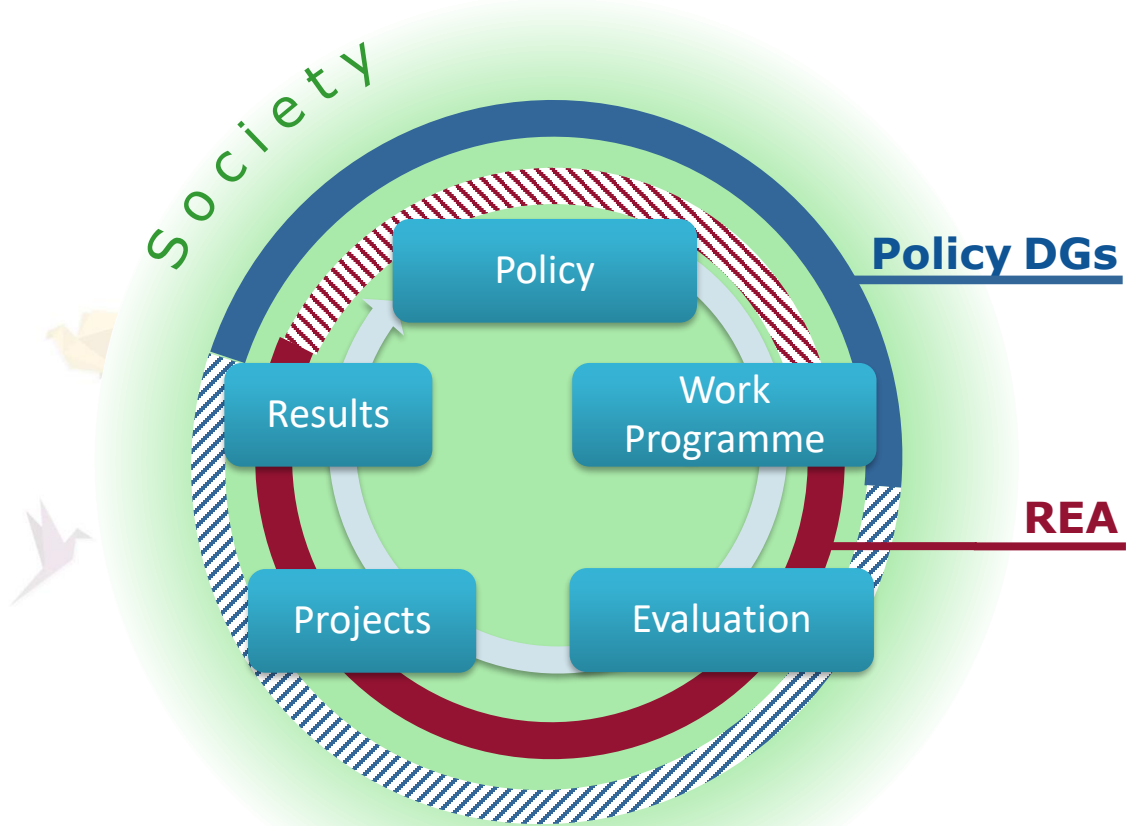
**Policy:** European Commission – Directorates General for Agriculture and Rural Development (DG AGRI) and Research & Innovation (DG RTD)



**Evaluation and Grant management:**  
Research Executive Agency (REA)

# Societal Challenge 2

## From policy to project to policy, for the society



# Societal Challenge 2

## SC2 projects portfolio



**302** projects (since 2014)  
✓ 30 completed  
✓ + 37 under preparation



€ 1,8 billion EU funding  
€ 2,1 billion total costs

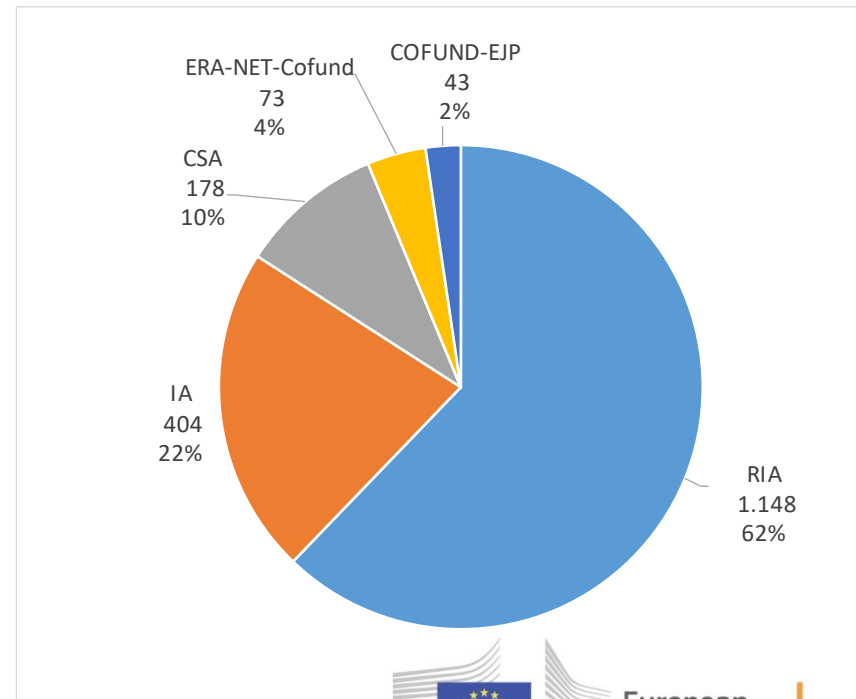


6300+ participations  
3000+ unique organisations

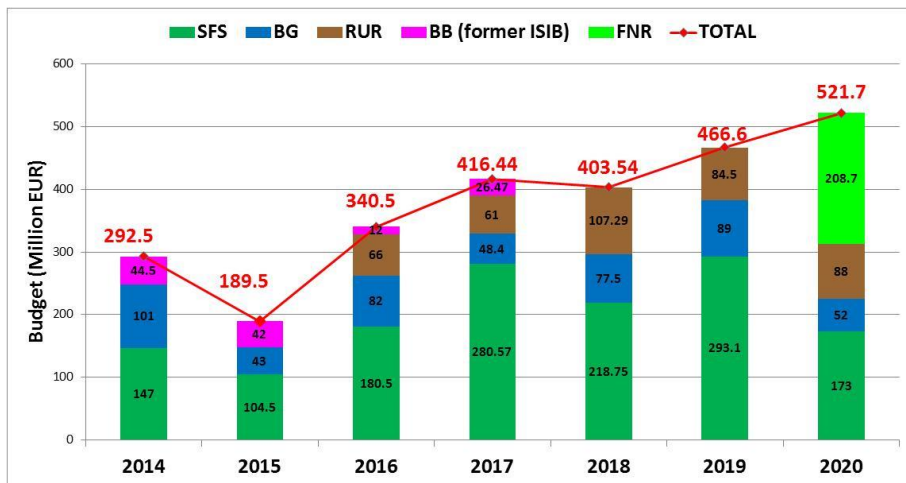


Share of participations  
Member States: 86%  
Associated Countries: 8%  
Third Countries: 6%

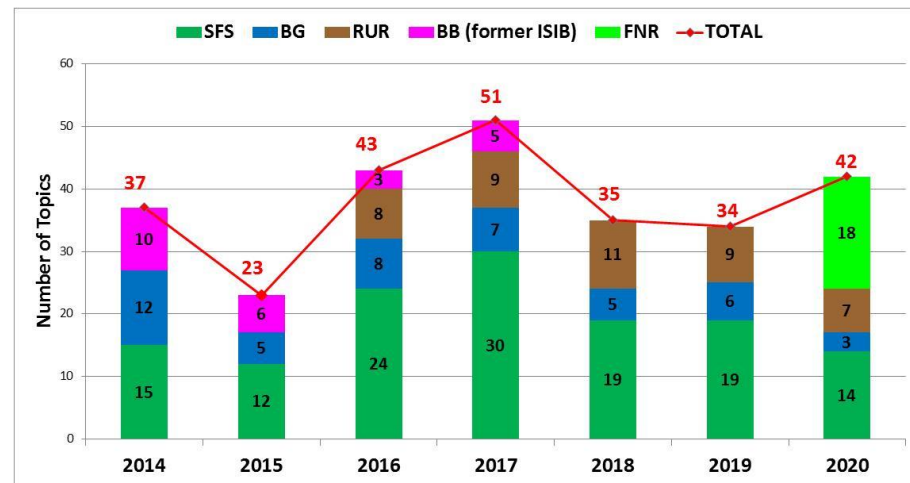
## Variety of instruments (share of EU funding)



## Budget 2014-2020

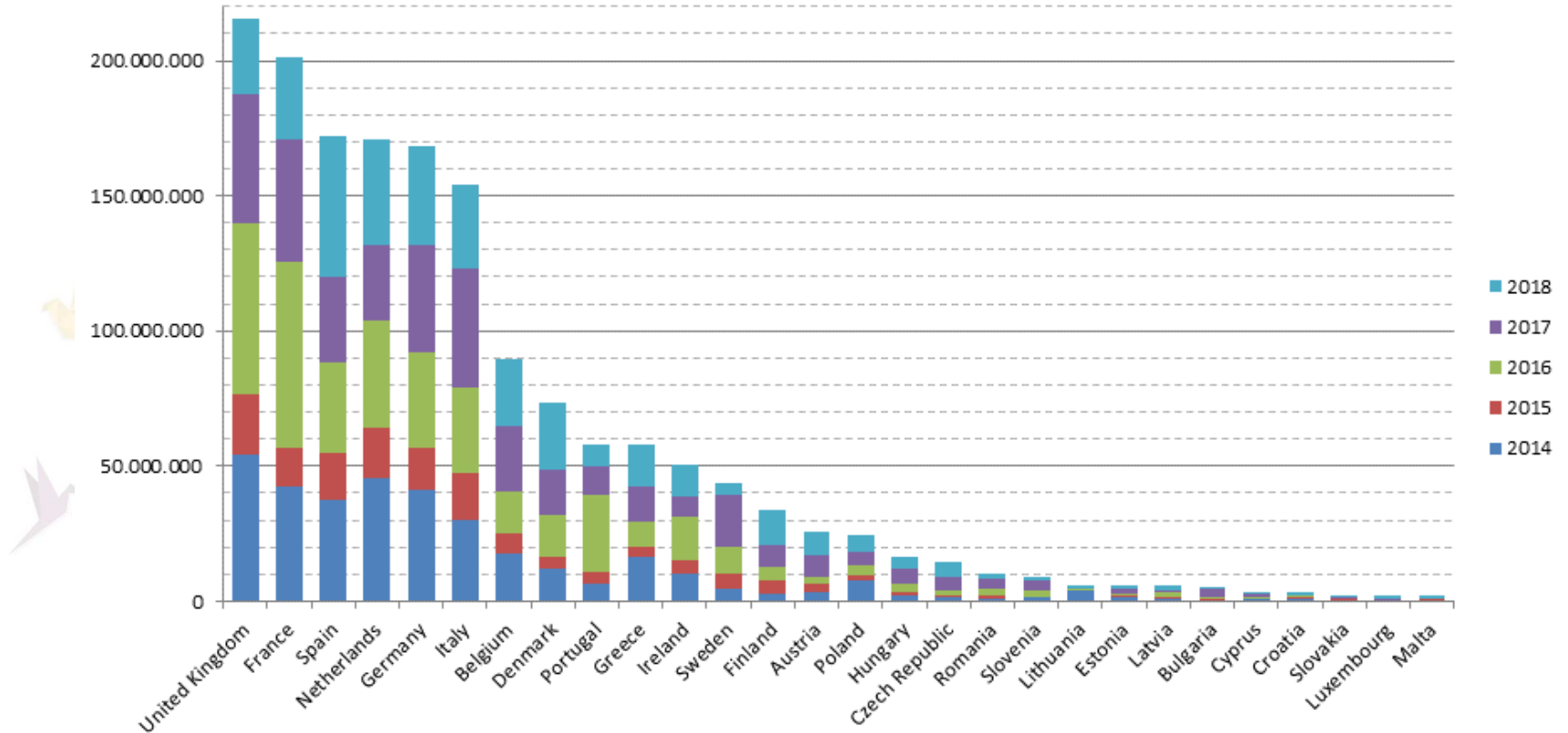


## Topics 2014-2020



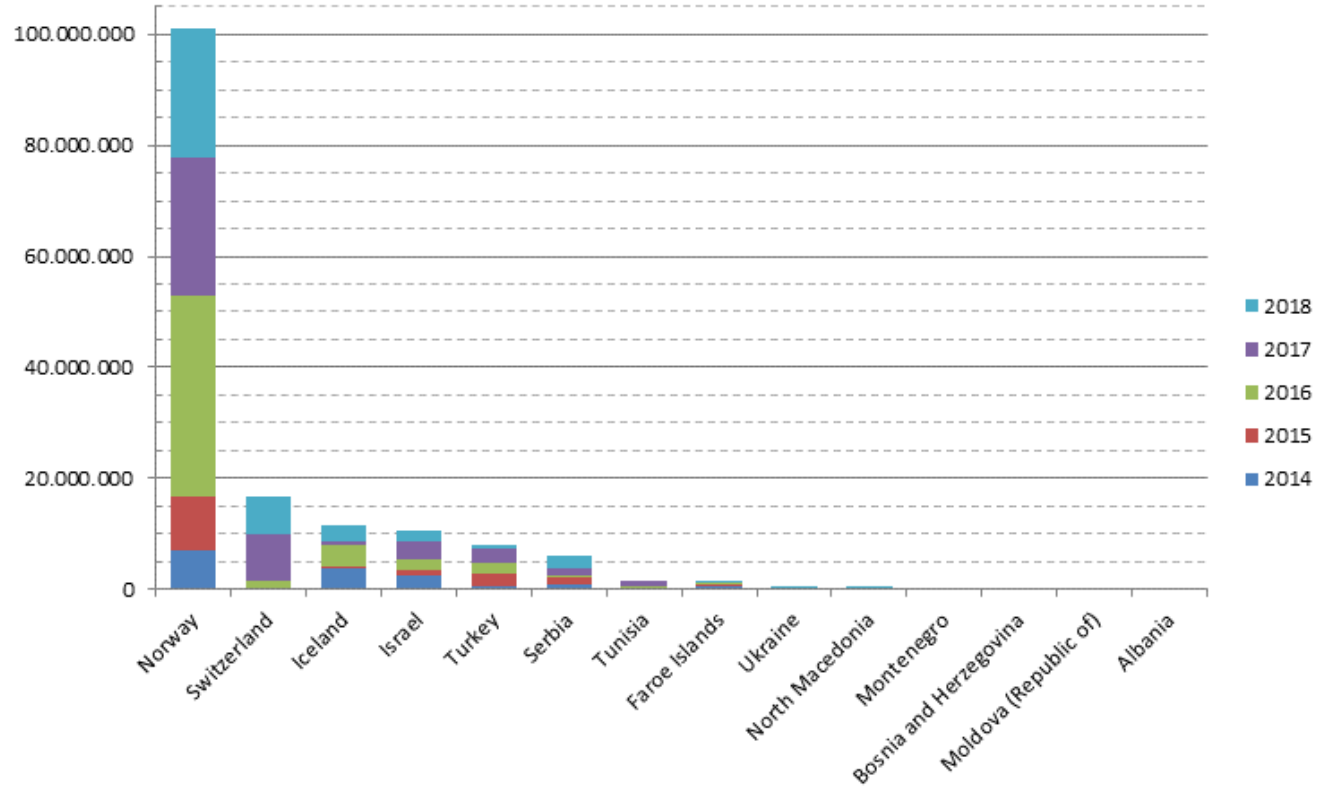
# Societal Challenge 2

## EU funding (€) EU Member State



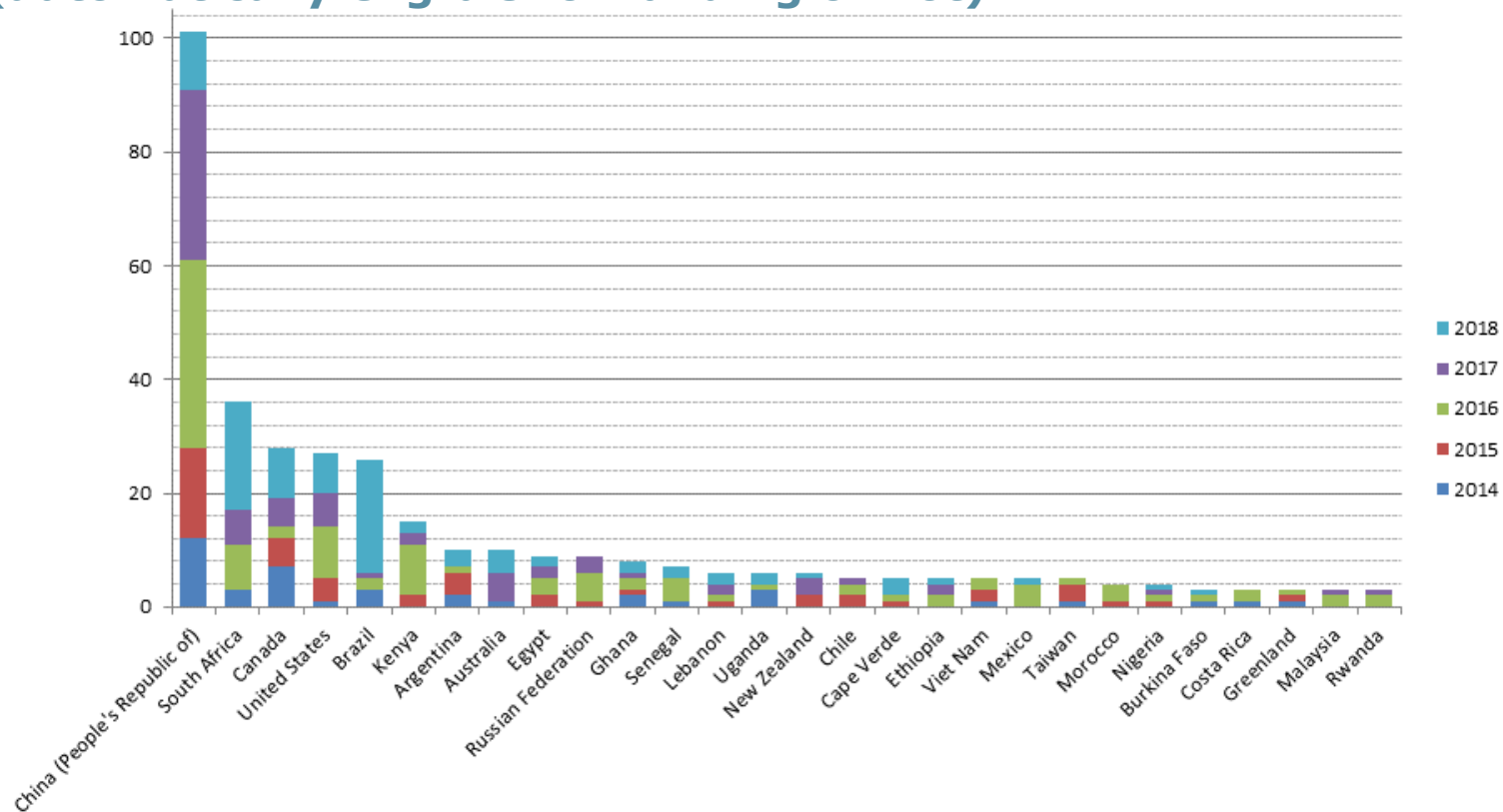
# Societal Challenge 2

## EU funding (€) per Associated country



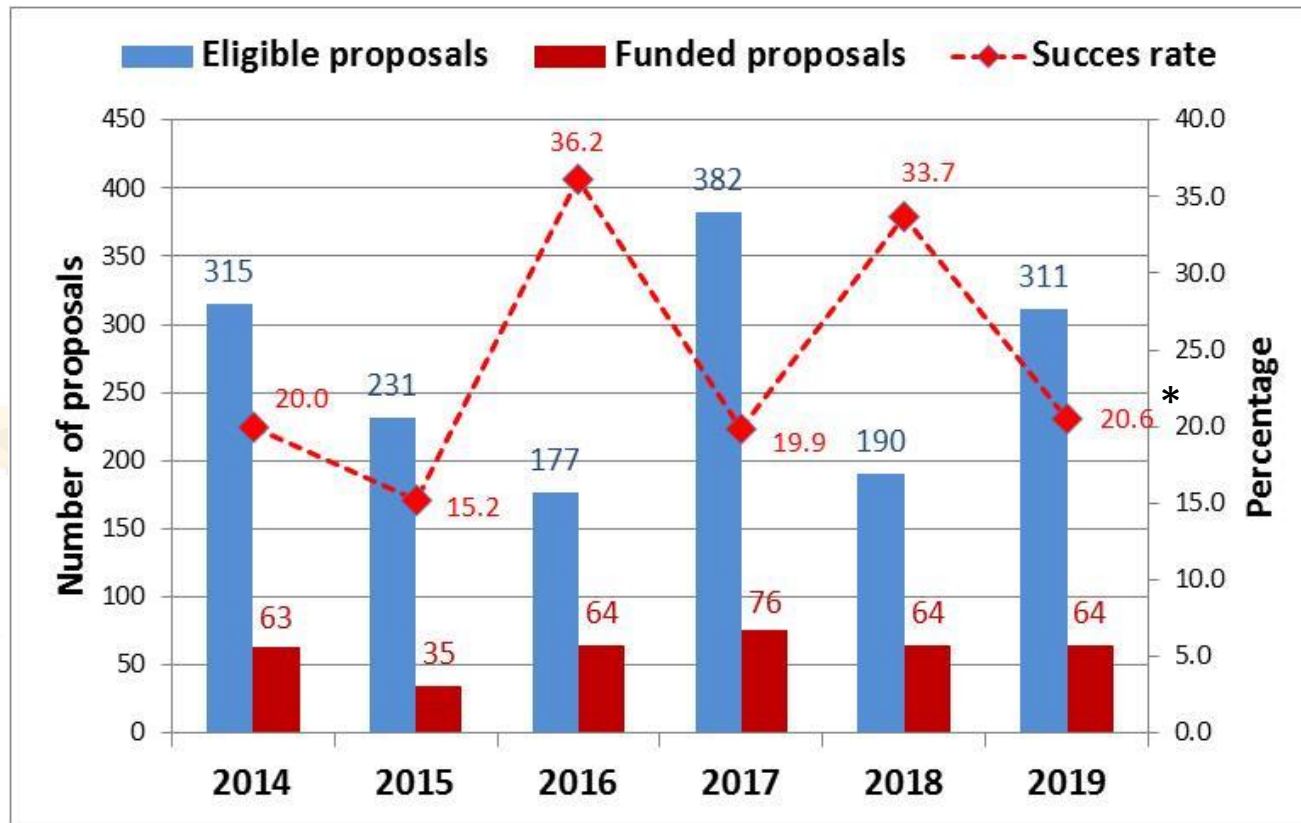
# Societal Challenge 2

## Number of participations in grants for top 28 third countries (automatically eligible for funding or not)



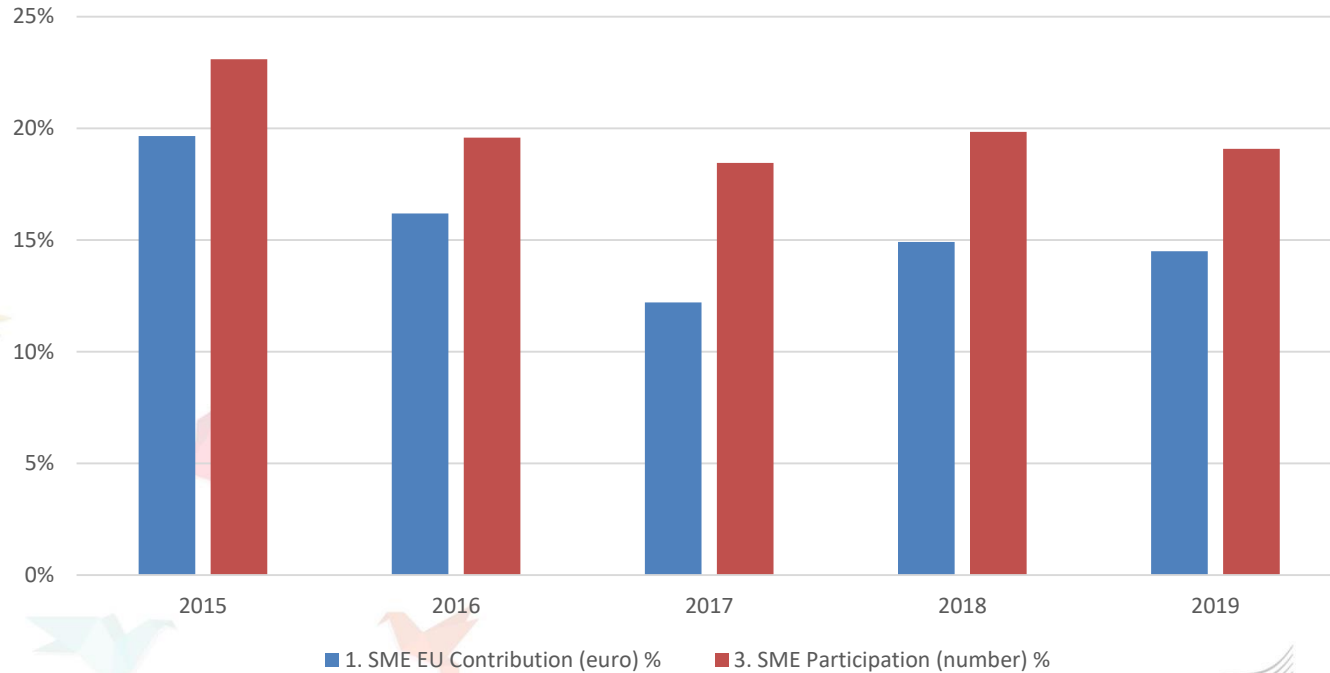


# Societal Challenge 2

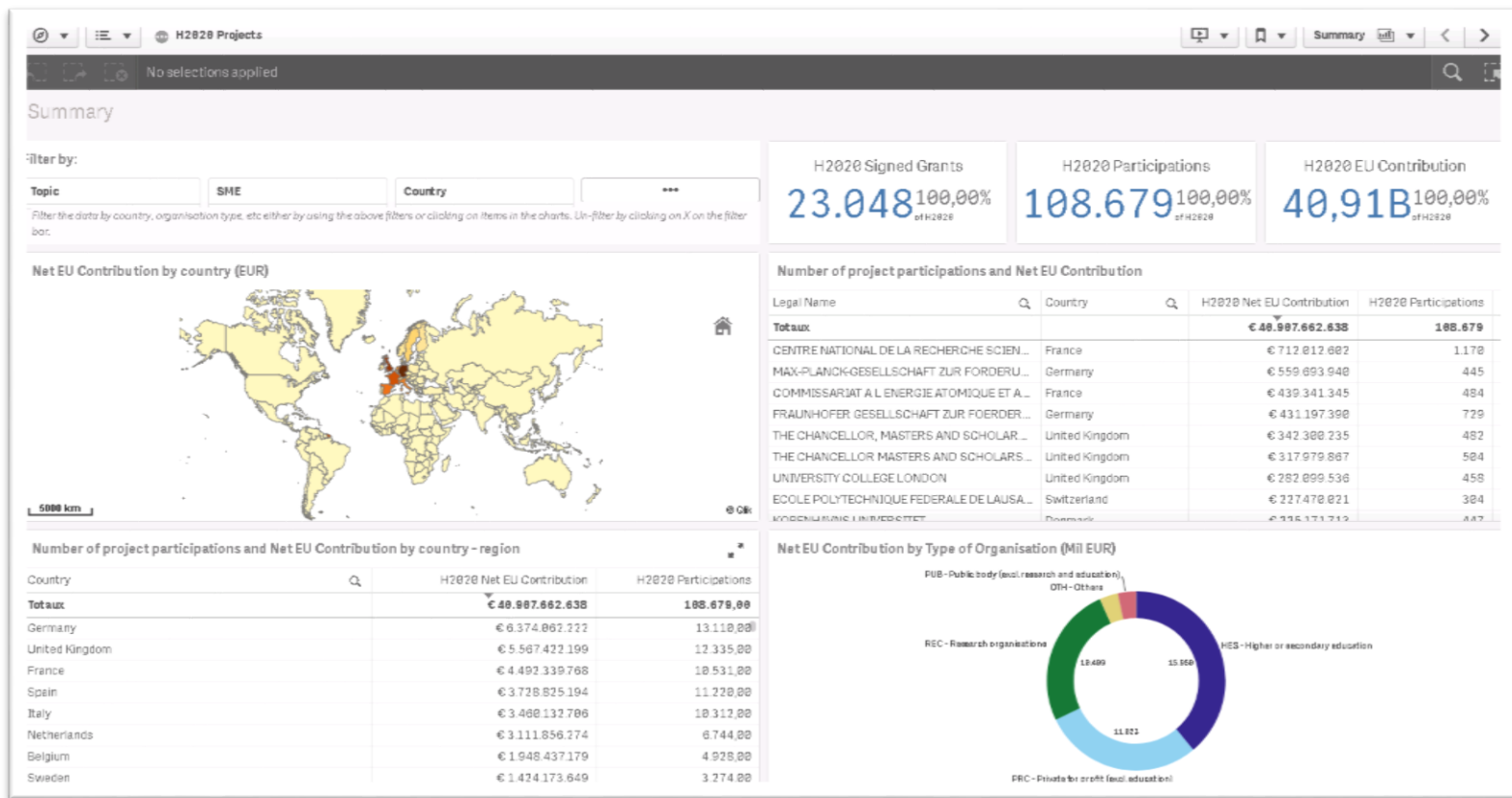


\* 2019: Provisional results

## SME participation in SC2 calls



## Horizon 2020 Dashboard (Portal > [Projects and Results](#))





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# Horizon 2020 Work Programme for Research & Innovation 2018-2020

## Evaluation procedure

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# Timeline

"Time to Grant" (8 months max)

**Evaluation**  
(5 months max.)

Grant Agreement  
Preparation

Call  
deadline

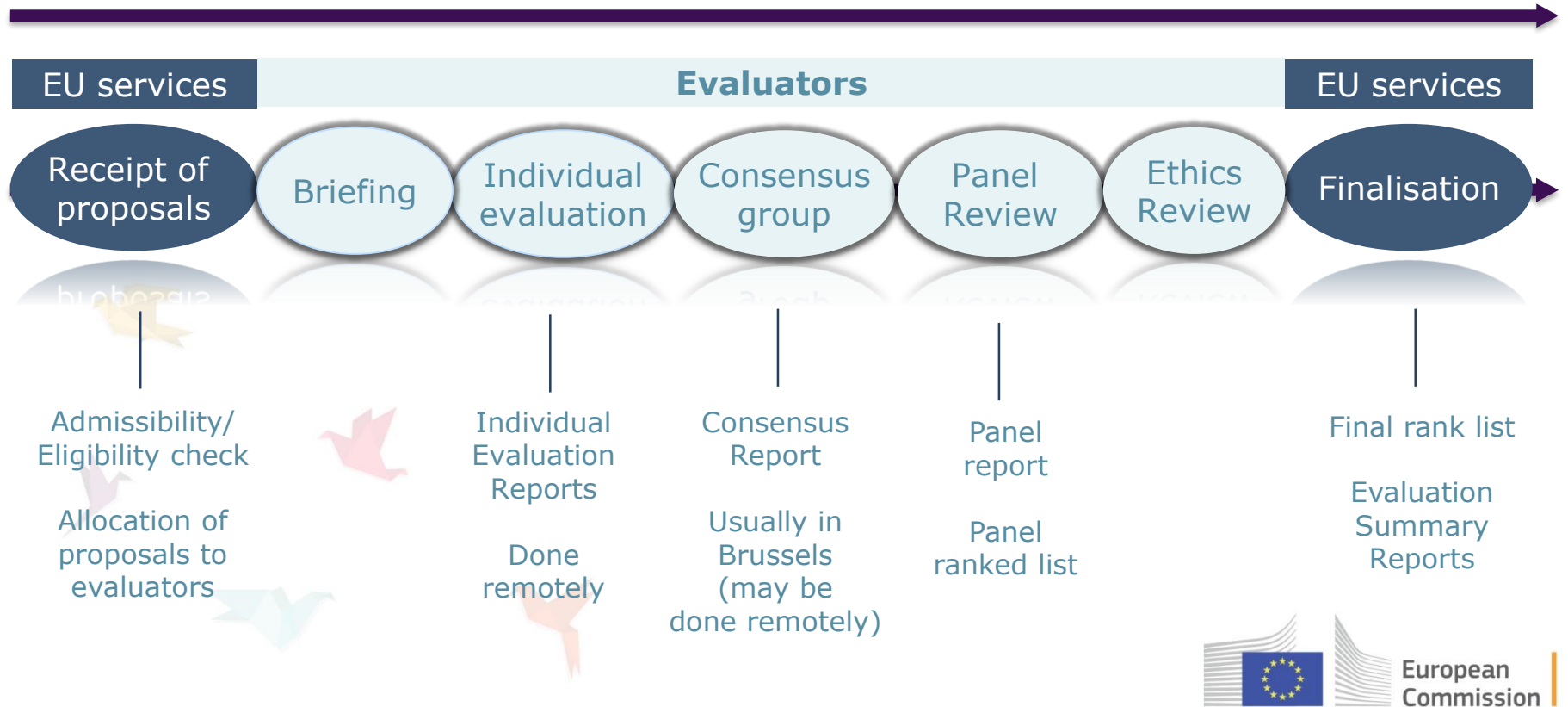
Applicants  
informed

No negotiation

Grant  
signature

# Evaluation steps

Max. 5 months

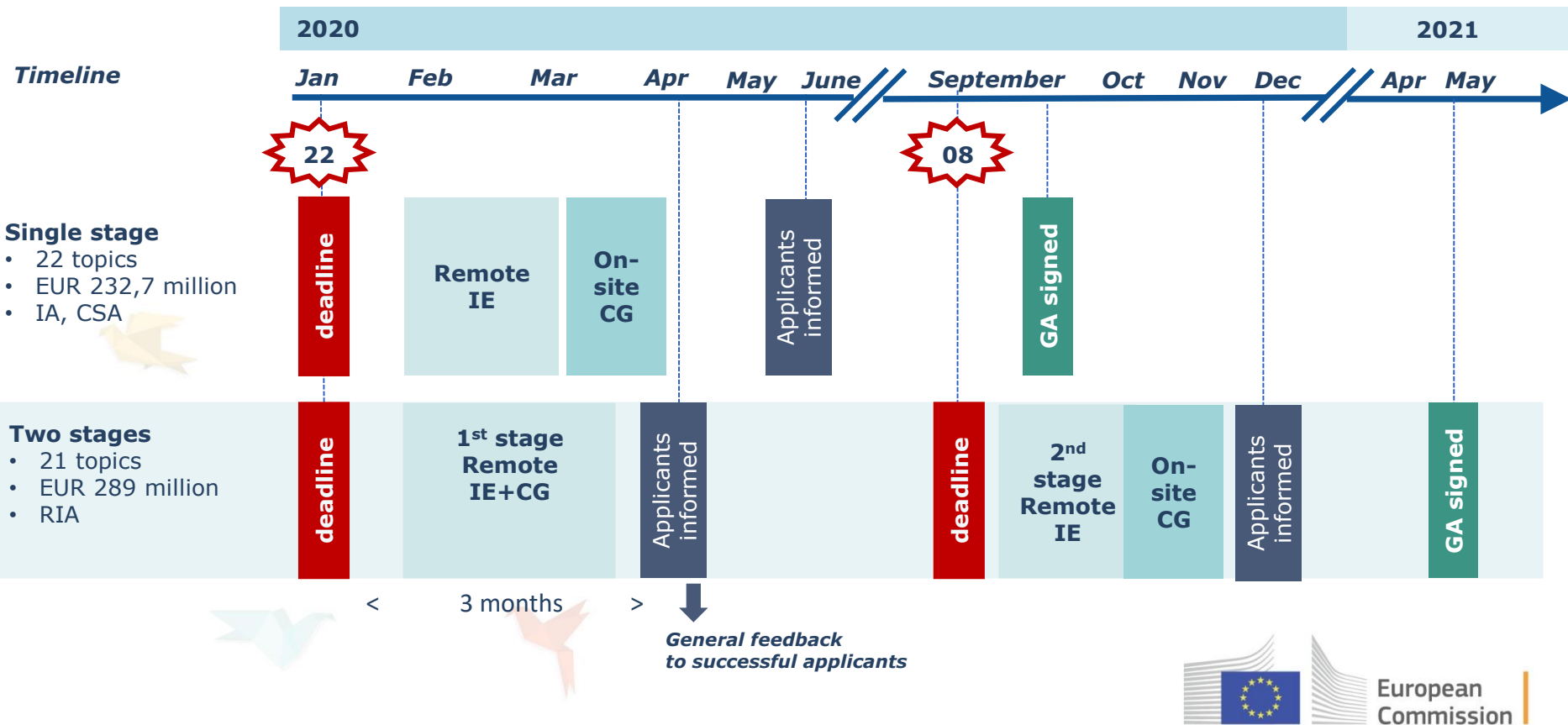


# Action types

Type of action	Funding	Aim of action	Evaluation
<b>Research and Innovation Action (RIA)</b>	100%	To establish new knowledge or explore the feasibility of a new technology, product, process, service or solution	<b>Two stages</b>
<b>Innovation Actions (IA)</b>	70% (100% for non-profit entities)	To produce plans and arrangements or designs for new, altered or improved products, processes or services	<b>Single stage</b>
<b>Coordination and Support Actions (CSA)</b>	100%	Accompanying measures	



# Schedule 2020





# Calls overview

## Sustainable Food Security (SFS)

- **€173 million**
- 3 topics single stage (IA, CSA)
- 11 topics two stages (RIA)

25

expected projects

## Rural Renaissance (RUR)

- **€88 million**
- 5 topics single stage (IA, CSA)
- 3 topics two stages (RIA)

19

expected projects

## Blue Growth (BG)

- **€52 million**
- 1 topic single stage (IA-LS)
- 2 topics two stages (RIA)

6

expected projects

## Food and Natural Resources (FNR)

- **€208,7 million**
- 13 topic single stage (IA, CSA)
- 5 topics two stages (RIA)

35

expected projects

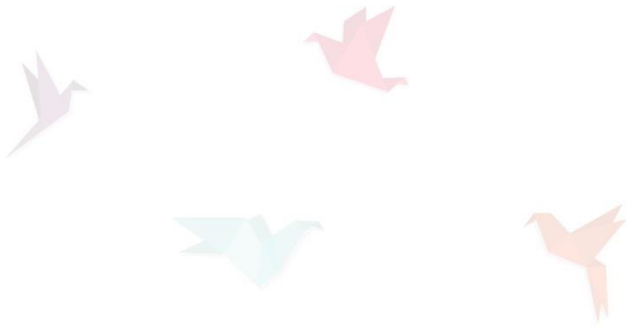
# New: Lump Sum Pilot 2020

## BG-07-2019-2020, sub-topic for 2020 (IA): “The Future of Seas and Oceans Flagship Initiative”, sub-scope C “Technologies for Observations”

- Proposals provide a detailed estimation of costs
- Experts assess cost details during evaluation and make recommendations
- Lump sum is fixed during grant preparation
- Same evaluation criteria
- Same pre-financing and payment scheme
- Reporting periods and technical reporting as today, though focusing on completion of work packages

# Evaluation principles

- Fair and equal treatment of all proposals
- Based on criteria announced in the Work Programme
- Independent external experts
- Confidentiality and absence of conflict of interests



## Award criteria

- **Excellence**
- **Impact**
- **Quality and efficiency of the implementation**

*Each criterion includes sub-criteria, which slightly differ depending on the type of Action*

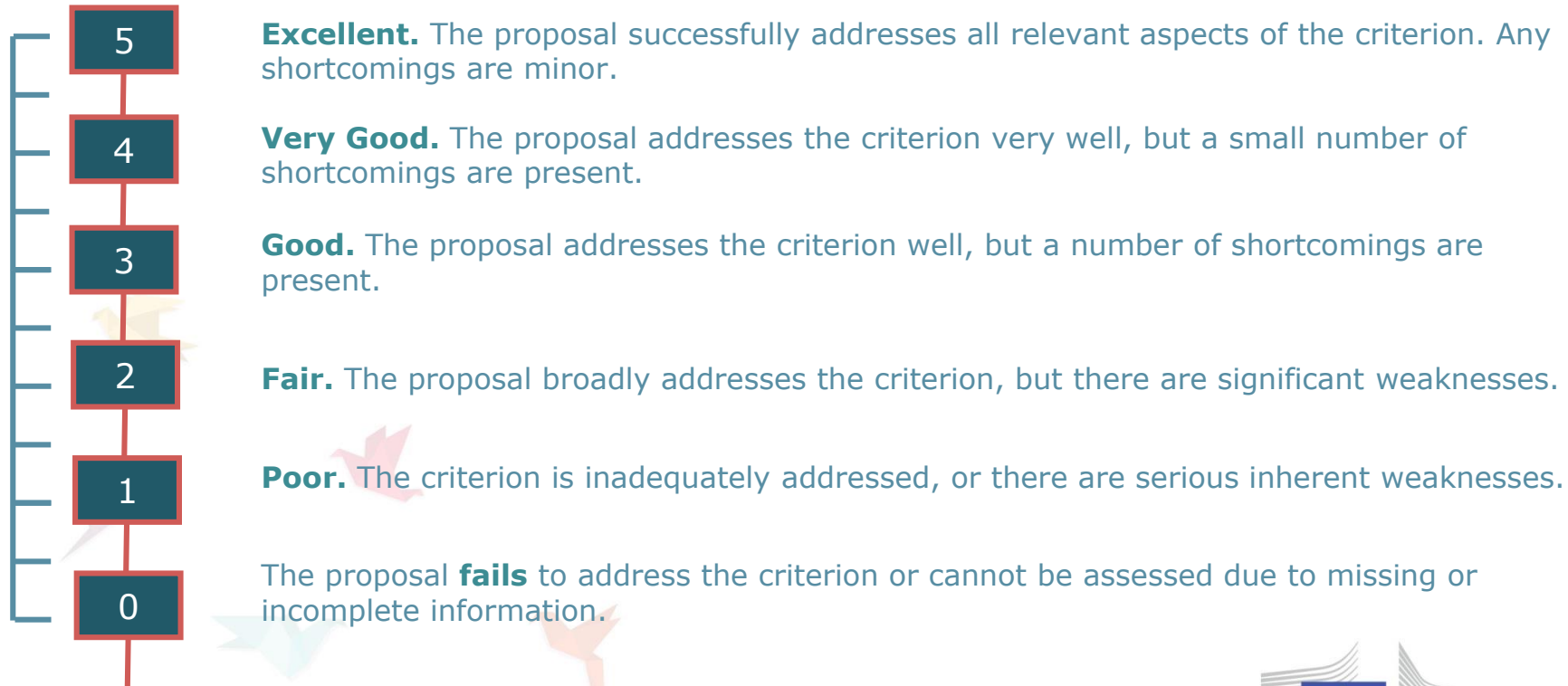
## Cross-cutting issues

- Social Sciences and Humanities
- Gender dimension
- Responsible Research and Innovation

## Specific requirements

- Multi-actor approach
- Coordination between projects
- International cooperation

# Scoring scale



*Half scores given*

# Scoring thresholds

Single/  
2<sup>nd</sup> Stage

Criteria	Threshold	IA factor (ranking)
Excellence	3/5	n/a
Impact	3/5	x 1,5
Implementation	3/5	n/a
TOTAL	10/15	n/a

1<sup>st</sup> Stage

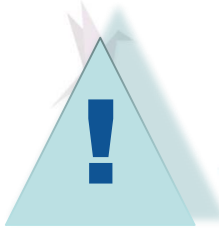
Criteria	Threshold
Excellence	4/5
Impact	4/5
Implementation	n/a
TOTAL	<b><i>dynamic</i></b>

*As close as possible to 3 times and not less than 2,5 times the available budget*

## Exceptional funding (3<sup>rd</sup> country applicants/international organisations)



- Participants from +120 countries are automatically eligible for funding (list in general annex A of WP)
- International organisations & organisations from some 3<sup>rd</sup> countries (industrialised countries and emerging economies) are **not** automatically eligible for funding
- Evaluators assess if participation is essential
- If participation is NOT deemed essential, the participant will not receive EU funding.



***Be prepared for a plan B!** Be aware of that and already look for other sources of funds. If NO exceptional funding is granted, budget will be reduced but tasks should be carried out anyway.*





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# Horizon 2020 Work Programme for Research & Innovation 2018-2020

Useful tips, resources and guidance  
for proposals preparation

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Research and  
Innovation

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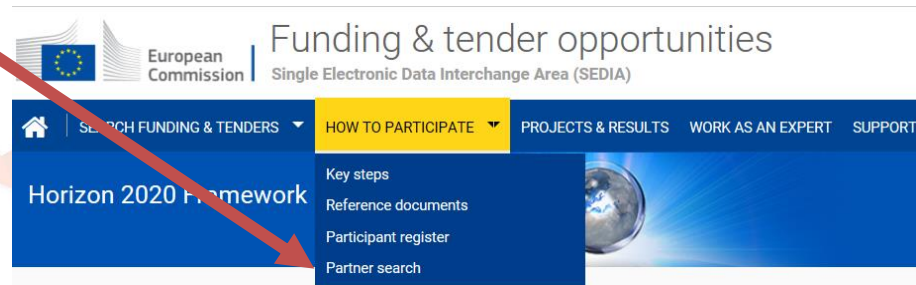
# Tips (1)

## Read Carefully

- **Funding and Tenders Portal (F&T)**: all the information is there!
- **Work Programme** (+ annexes), admissibility & eligibility conditions, topic description, conditions for the call.
- Check relevant **projects** already funded ([CORDIS](#))
- Contact your **National Contact Point** for guidance / assistance

## Test your idea

- Define how proposal objectives can be linked to the topic objectives;
- Partner search feature



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

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

Horizon 2020 Framework

Key steps  
Reference documents  
Participant register  
Partner search

European Commission

## Proposal building

- **Start in time!** You shall start preparing the proposal before the opening date (i.e. 15/10/2019)
- **Excellent science** is not enough. Consider carefully all evaluation (sub-)criteria
- Be **coherent**. There must be a match between objectives, expected impacts, planned activities, partners skills/expertises and the assigned resources.
- Plan your **budget** carefully, with a bottom-up approach. For instance, include costs for project review meetings, open access publishing costs, open research data and clustering with other projects (if required by the Work Programme).
- Write clearly and **concisely**. Less is more!
- Respect the **page limits**. Excess pages will be blanked out. Instructions available in proposal templates. Information deliberately integrated in the support annexes will not be taken into account.

## Coordinate

- Choose your **partners** carefully (e.g. brokerage events, F&T 'partner search' section); clarify their **roles** (e.g. beneficiaries vs. third parties)
- Ensure a valid role for each partner and assign resources accordingly
- Think about the administrative set up at proposal stage

## Final considerations

- Ask someone impartial to proof-read your proposal (self-evaluation form available)
- Put yourself in the shoes of an expert evaluator
- Avoid last minute submission. Submit drafts (overwriting)

# Communication, Dissemination, Exploitation

Communication	Dissemination	Exploitation
Promote the <b>project</b> and <b>results</b> / <b>success</b>	Focus on <b>results</b> only	Make <b>concrete use of research results</b>
<b>Reach out to society</b> , show the impact and benefits of EU-funded research.	Transfer knowledge and results to <b>enable others to use them.</b>	<b>Effective use of results</b> to deliver concrete value and impact for society.
<b>Multiple audiences</b> beyond the project's own community incl. media and the broad public.	<b>Audiences that <i>may</i> use the results</b> (e.g. scientific community, industrial partner, policymakers).	<b>People / organisations incl. project partners</b> that make concrete use of the results.
<b>Since the start</b> of the project	When results are available	When results are available
Art. 38.1	Art. 29	Art. 28

Admissibility: full proposals must include a draft plan for the exploitation and dissemination of the results. Guidance on [H2020 Online Manual](#)

# Open Access

Open access: on-line access to scientific information free of charge and in reusable format

Peer-reviewed  
scientific publications

*Mandatory*

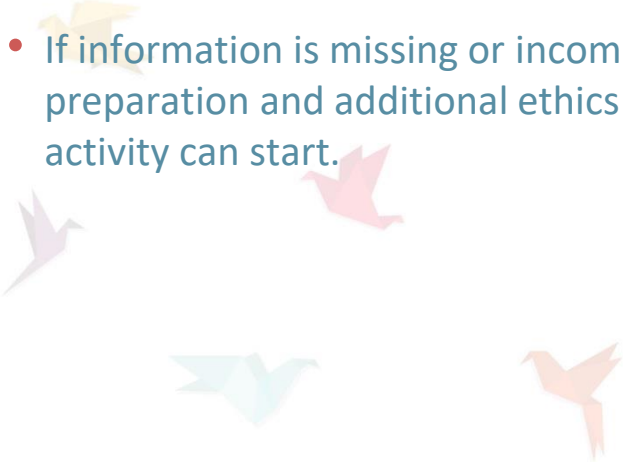
Research data

*Default opt-in (possible opt-out)  
As open as possible, as closed as necessary*

- Plan at proposal stage the resources required to manage open access to scientific publications and/or research data

Horizon 2020 Online Manual on Open Access: [http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-data-management/open-access\\_en.htm](http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-data-management/open-access_en.htm)

- Applicants fill in the Ethics Self-Assessment when preparing a full proposal
  - Ethics Issues Table in Part A ([How to complete your ethics self-assessment](#) guide.)
  - Ethics section (5.1) in Part B
- Each proposal considered for funding is subject to an ethics review by ethics experts prior to the signature of the Grant Agreement
- If information is missing or incomplete on ethics issues' handling, it will slow down the grant preparation and additional ethics requirements may have to be fulfilled before the research activity can start.



# Common shortcomings/weaknesses

## Excellence

- Objectives not fully pertinent to the call
- Proposal not ambitious enough and/or not going beyond the state of the art
- Requirements not fully addressed (i.e Multi-Actor Approach)

## Impact

- Proposal not convincingly demonstrating its contribution to all expected impacts
- Communication, exploitation and dissemination are mixed up

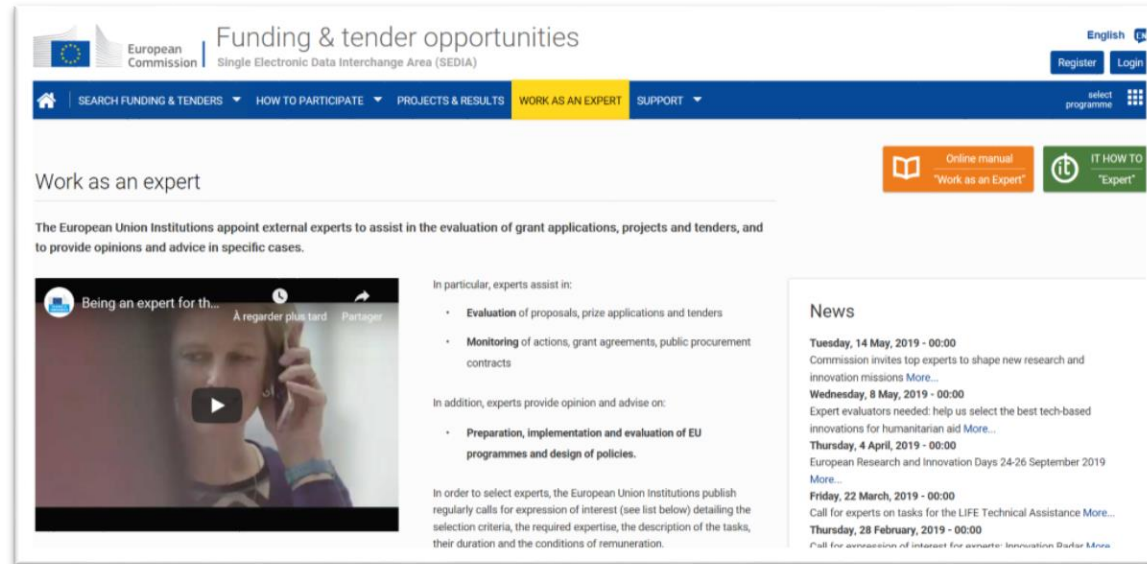
## Implementation

- Work packages not in line with objectives and deliverables
- Work plan not sufficiently detailed and resources not justified



## Consider registering in the EU expert database

- Get hands-on experience with the evaluation process
- Know more about latest research trends
- Serve the EU research community
- Enjoy a networking opportunity



The screenshot shows the 'Work as an expert' page on the European Commission's Funding & tender opportunities portal. The page header includes the European Commission logo, the text 'Funding & tender opportunities' and 'Single Electronic Data Interchange Area (SEDIA)', and language options for English, Register, and Login. A navigation bar contains links for SEARCH FUNDING & TENDERS, HOW TO PARTICIPATE, PROJECTS & RESULTS, WORK AS AN EXPERT (highlighted in yellow), and SUPPORT. Below the navigation bar, there are buttons for 'Online manual "Work as an Expert"' and 'IT HOW TO "Expert"'. The main content area is titled 'Work as an expert' and contains a video player with the title 'Being an expert for th...'. To the right of the video, there is a list of tasks that experts assist in, including evaluation of proposals, monitoring of actions, and preparation of programmes. A 'News' section on the right lists several dates and events, such as 'Tuesday, 14 May, 2019 - 00:00' and 'Thursday, 28 February, 2019 - 00:00'.

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>

## Useful pages and documents

- [Funding and Tenders Portal](#) (Horizon 2020 programme)
- Horizon 2020 – [Bioeconomy section](#)
- Horizon 2020 [online manual](#)
- [Reference documents](#): work programmes, legal and guidance documents
- [Annotated Grant Agreement](#)
- [Frequently asked questions](#) (FAQ) on participant portal
- [IT Helpdesk](#) for questions about the Participant Portal tools/processes.

## Any specific question?

- Contact your [National Contact Point](#)
- Horizon 2020 [Research Enquiry Service](#)

# Thank you for your attention!

## Any question?

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#H2020SC2

[www.ec.europa.eu/research/bioeconomy](http://www.ec.europa.eu/research/bioeconomy)

[www.ec.europa.eu/agriculture/research-innovation\\_en](http://www.ec.europa.eu/agriculture/research-innovation_en)

[https://ec.europa.eu/info/departments/research-executive-agency\\_en](https://ec.europa.eu/info/departments/research-executive-agency_en)

Funding and Tenders Portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/h2020>