



Technische
Universität
Braunschweig



Funding opportunities on the European level – an introduction to Horizon Europe

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This is Horizon Europe...

Vision	Europe increases in being green, digital, innovative, resilient and participative.
Objectives	<ul style="list-style-type: none">➤ create excellent knowledge and technologies➤ create jobs➤ fully engage the EU's talent pool➤ boost economic growth➤ promote industrial competitiveness➤ strengthen European Research Area
Duration	7 years from 2021 to 2027
Budget	95.5 Bn. EUR

Political context

Sustainable Development goals of the United Nations

<https://sdgs.un.org/goals>



Political context

Priorities of the European Commission 2019 – 2024

https://ec.europa.eu/info/strategy/priorities-2019-2024_en



A European Green Deal



A Europe fit for the Digital Age



An economy that works for people



A stronger Europe in the world



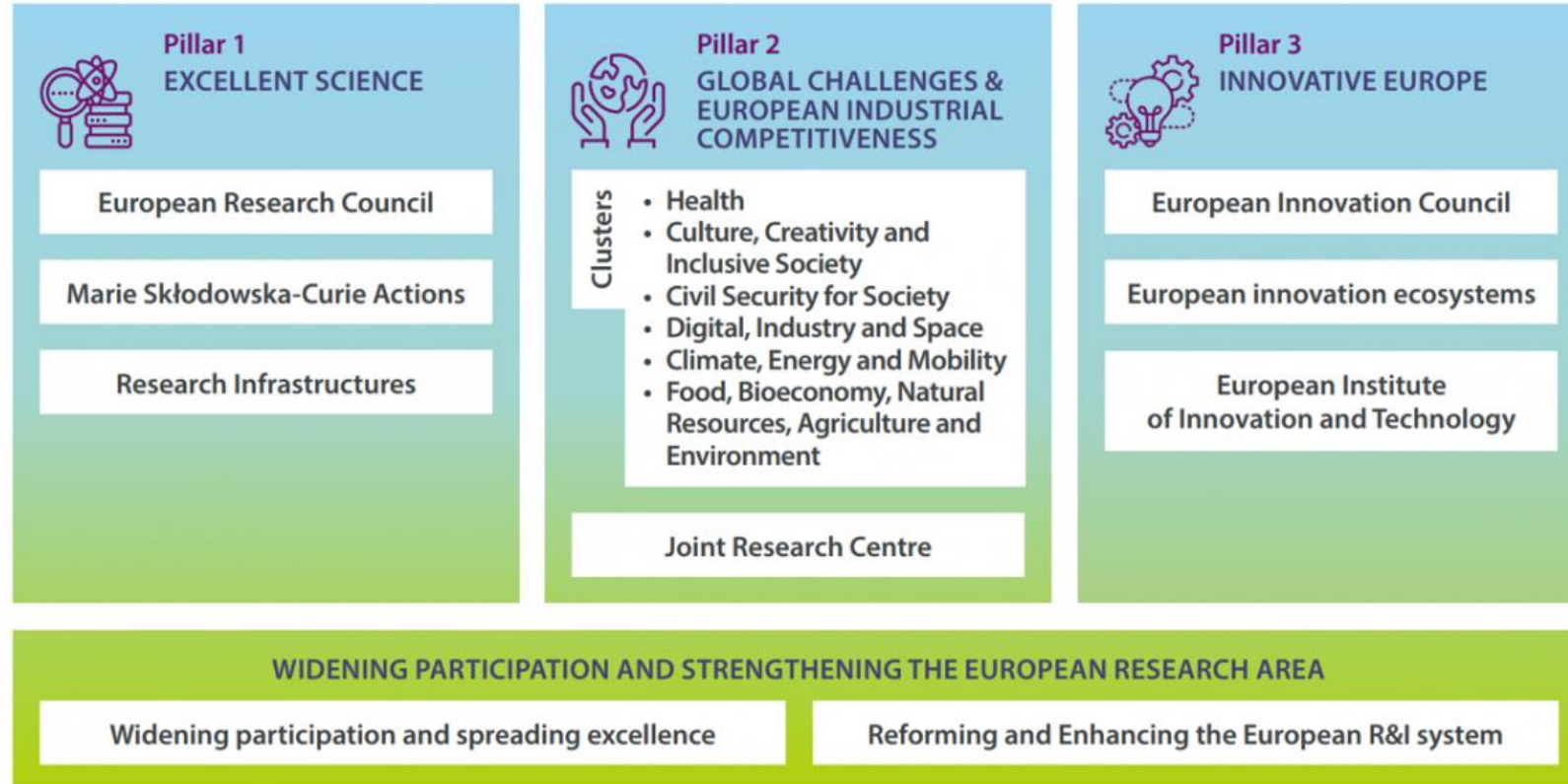
Promoting our European way of life



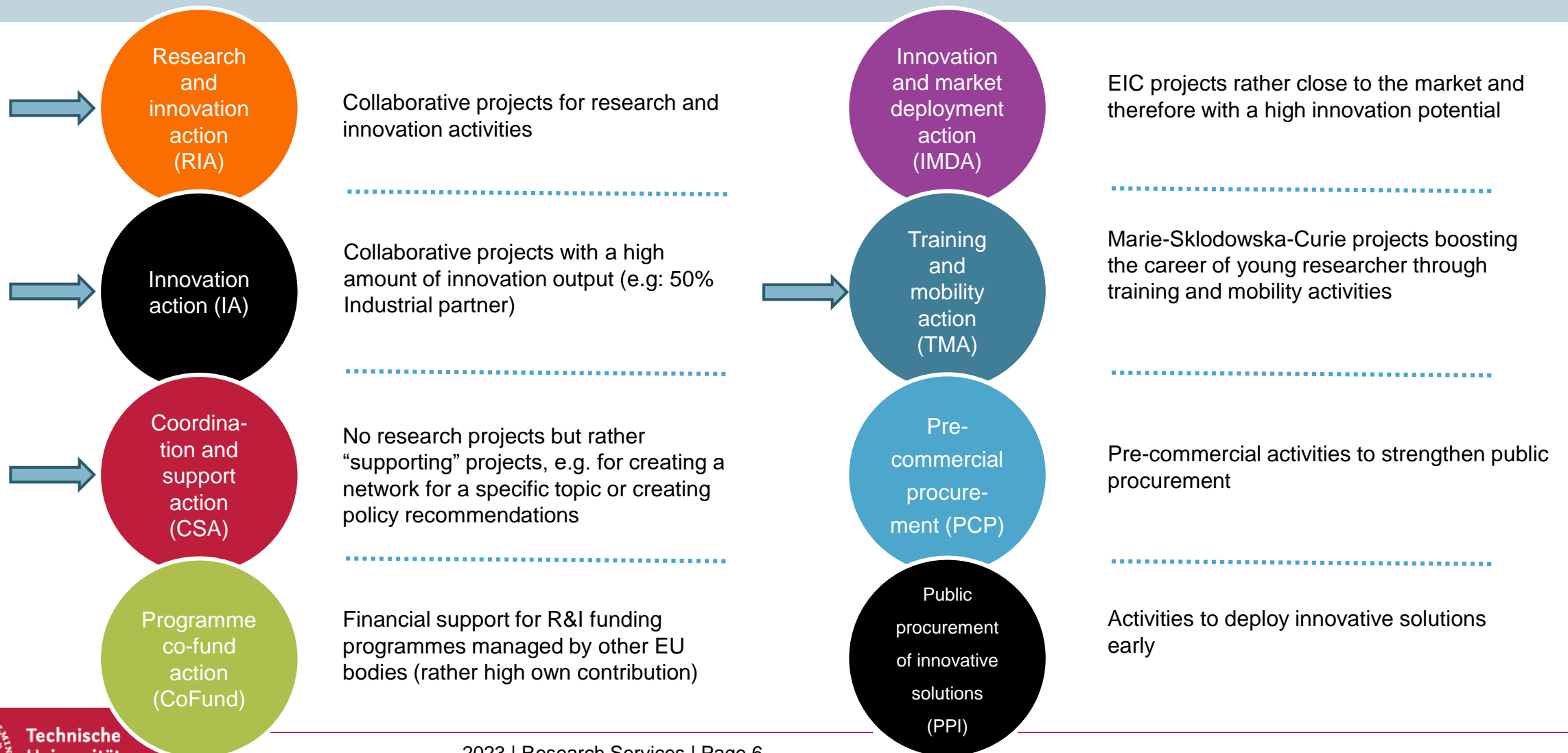
A new push for European Democracy

Structure Horizon Europe

THREE PILLARS FOR IMPLEMENTATION



Types of Actions (projects)





Funding rates

Type of Action	Max. funding rate
→ Research and innovation action	100%
→ Innovation action	70% (except NPOs have 100% funding here as well)
→ Coordination and support action	100%
Programme co-fund action	Between 30% and 70%
Innovation and market deployment	70% (except NPOs have 100% funding here as well)
→ Training and mobility action	100% (lump sums!)
Pre-commercial procurement action	100%
Public procurement of innovative solutions action	50%



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Innovation action	70% (except NPOs have 100% funding here as well)
Coordination and support action	100%
Programme co-fund action	100%
Innovation and... (except NPOs have 100% funding here as well)	70%
Training and n...	100% (lump sums!)
Pre-commercial procurement action	100%
Public procurement of innovative solutions action	50%

+25% Overhead



Eligibility

- Min. 3 partners from 3 different eligible countries (except otherwise in call text)
- At least one partner from EU member state
- Associated countries (e.g. Norway, Iceland, Israel, Georgia, Armenia, Turkey, etc.): eligible for funding
- Further requirements in call documents
- Third Country Partners (beyond associated)
 - invited to participate
 - not eligible for funding, except for certain circumstances (e.g. mentioned in the call, necessary to carry out project)



Proposal

- Fully online submission
- „Submission“ system in every call/topic
- <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search>

Filter by Programme / Programme group

Select a Programme... ▼

hori 🔍

Horizon 2020 Framework Programme (H2020 - 2014-2020) (3855)

Horizon Europe (HORIZON) (828)

Start submission

To access the Electronic Submission Service, please click on the submission button. The submission system has been changed in the submission system. Upon confirmation, you will be linked to the submission system.

To access existing draft proposals for this topic, please login to the Fund

Please select the type of your submission:

HORIZON Research and Innovation Actions [HORIZON-RIA],

Start submission

Grant AI for cybersecurity reinforcement

Forthcoming

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL3-2021-CS-01-03	Opening date	30 June 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	21 October 2021 17:00:00 Brussels time



Proposal

Proposal in two parts

Part A

(Online Form)

- administrative part of proposal
 - Partner description
 - Contacts
 - Abstract
 - Ethical aspects
 - Budget
 - etc.

Part B

(Word-template, submit as pdf)

- Scientific part of the proposal
 - Detailed description of the planned project following the given structure in the template
- Page limits for Part B, examples...
 - RIA und IA: 45 pages
 - CSA: 30 pages
 - 1st-stage: 10 pages

Important Aspects for your application



Know the policy and strategic papers of the EC. (keywords)



Highlight the Innovative Character of your proposal.



Interdisciplinarity, Gender, Open Science, etc.



Meet exactly the “Scope” of the very call.



Describe clearly the relation to the expected Impact in the call.



Demonstrate the quality of your work plan, partners and resources.



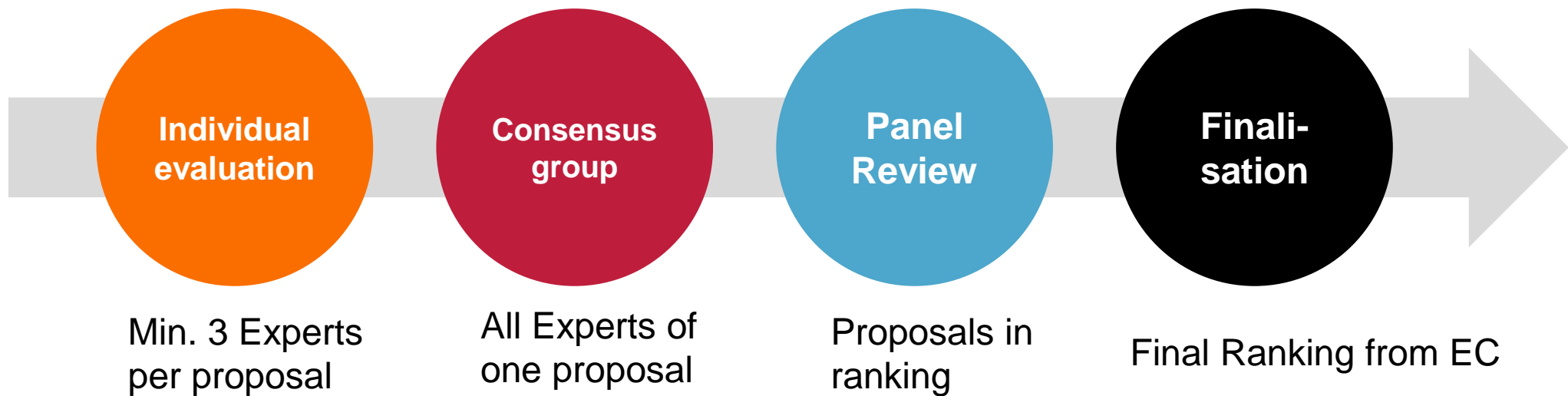
Evaluation

Three criteria (weighting according to respective work programme)

‘**Excellence**’ – scientific excellence, methods, etc. (e.g. 50%)

‘**Impact**’ – pathways to achieve outcome and maximise impact (e.g. 30%)

‘**Quality and efficiency of the implementation**’ – work plan (e.g. 20%)





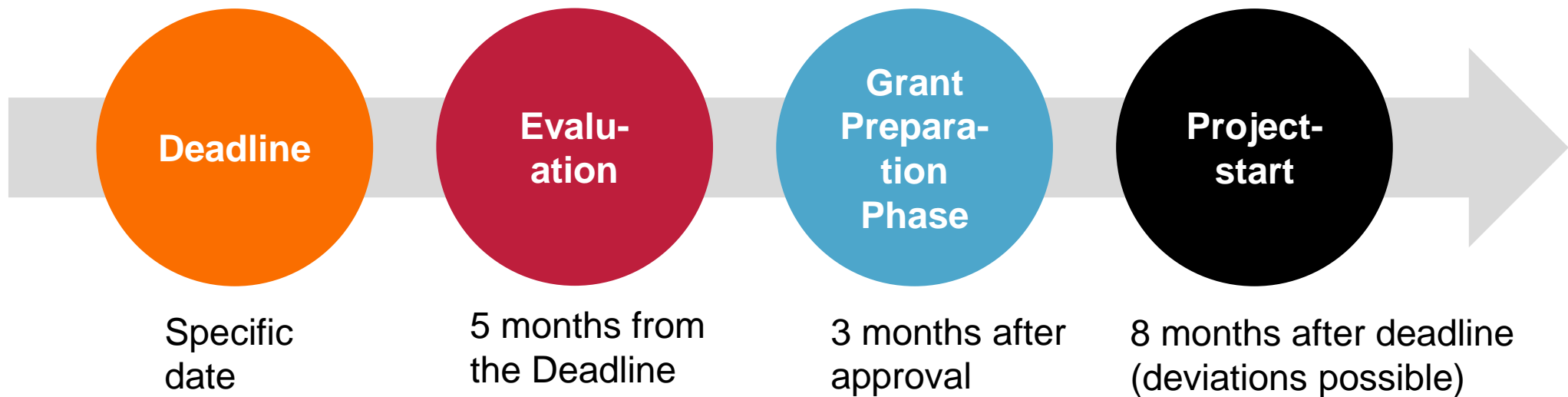
Evaluation 1 stage

„Time-to-Grant“ = 5 + 3

Results: 5 months from deadline

Grant preparation: 3 months until signature of the grant

8 months after deadline earliest projectstart

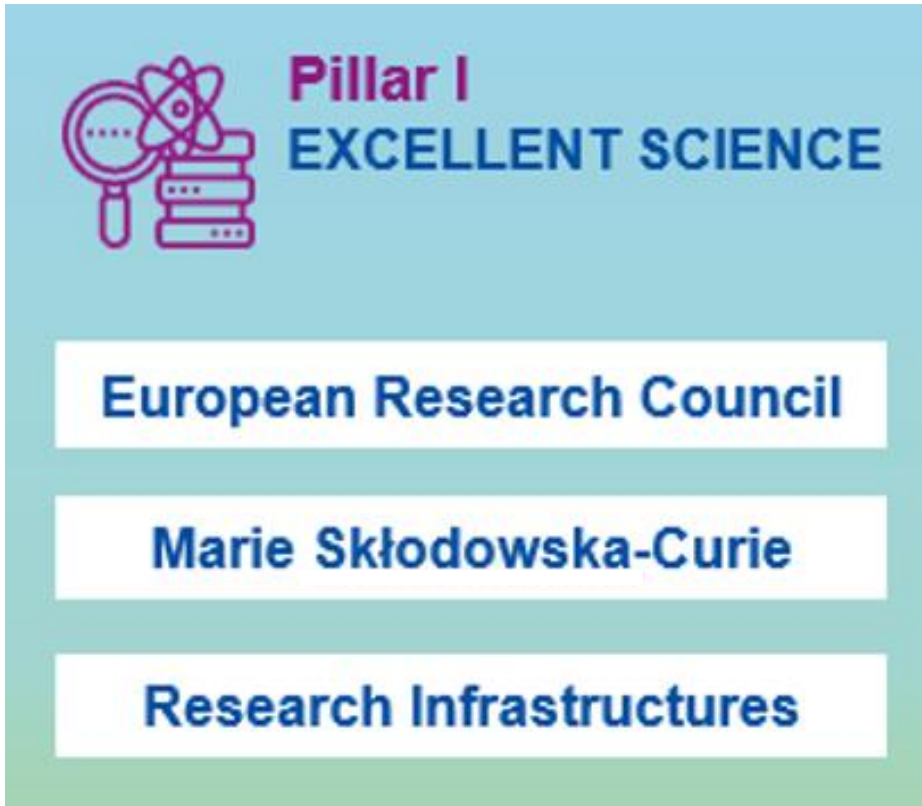


WORKPROGRAMMES

The calls



Calls – open to every topic – yearly calls



- Pillar 1: Basic Research
- European Research Council (ERC)
 - Starting Grant (2-7 years after doctorate)
 - Consolidator Grant (7-12 years after doctorate)
 - Advanced Grant (12+ years after doctorate)
- Marie Skłodowska-Curie Actions (MSCA)
 - Doctoral Networks (DN)
 - PhD students
 - Postdoctoral Fellowships (PF)
 - Max. 8 years after doctorate
 - Individual grants
 - Incoming or outgoing
 - For exchange of postdocs

Calls – bottom up and thematic – yearly calls



- Pillar 3: Technology Research
- European Innovation Council (EIC)
 - Accelerator: for SMEs (Research partner as Subcontractor)
 - Pathfinder: new Technology concepts in collaboration with companies
- European Institute of Technology (EIT)
 - Industry oriented

Calls – thematic



Pillar II **GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS**

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

- Pillar 2: Thematic Calls
- 6 Cluster
- One dedicated work programme for every cluster for a specific period
- Topic texts in the work programmes
- Work programme for years
 - 2023/24
 - 2025
 - 2026-2027

Structure of the work programme

- Introduction to the topics covered by the work programme
- Destination: description of the general objectives of the work programme, budget and deadlines for the relevant calls / topics;
- Call: Overview of the topics including their individual budget, the project budget and the number of projects that will be funded in the topic

*Horizon Europe - Work Programme 2021-2022
Climate, Energy and Mobility*

Destination 1 – Climate sciences and responses for the transformation towards climate neutrality

Europe has been at the forefront of climate science and should retain its leadership position to support EU policies as well as international efforts for a global uptake of climate action in line with the Paris Agreement and the Sustainable Development Goals (SDGs), including

Conditions for the Call

Indicative budget(s)¹⁹

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ²⁰	Number of projects expected to be funded
		2021		
Opening: 24 Jun 2021 Deadline(s): 14 Sep 2021				
HORIZON-CL5-2021-D1-01-01	RIA	24.00	Around 8.00	3
HORIZON-CL5-2021-D1-01-02	RIA	15.00	Around 5.00	3
HORIZON-CL5-2021-D1-01-03	CSA	9.00	4.00 to 5.00	2

Structure of the workprogramme

- Topics: expected proposals
 - Title
 - Specific Conditions related to topic: type of project and budget
 - Expected outcome: important for your impact section
 - Scope: what should be covered by the project

Scope: This topic aims at filling fundamental gaps in our understanding of Earth system, focussing on greenhouse gas (GHG) fluxes and Earth system feedbacks, the behaviour of radiative forcers (including their pre-cursors), and efforts to stabilise global temperature through deployment of carbon dioxide (CO₂) removal approaches.

Beneficiaries are encouraged to take advantage of the relevant national and/or European research infrastructures (e.g. ICOS, ACTRIS etc.).

HORIZON-CL5-2021-D1-01-01: Improved understanding of greenhouse gas fluxes and radiative forcers, including carbon dioxide removal technologies

Specific conditions

<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of around EUR 8.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 24.00 million.
<i>Type of Action</i>	Research and Innovation Actions
<i>Eligibility conditions</i>	The conditions are described in General Annex B. The following exceptions apply:

Expected Outcome: Project results are expected to contribute to all of the following expected outcomes:

- Improved knowledge in the addressed areas, also through increasing the use of high quality data, leading to a better understanding of the processes driving climate change.
- Improved projections of climate change (including in relation to climate change-related

How to read the work programme?

Recommendation

1. Check the table of content for interesting topics OR search the document with keywords for relevant topics.
2. When you found a topic, study the relevant „Destination“ text as well as the „Introduction“ of the work programme.
3. Go through the referred documents in these texts as well to find relevant information to refer to in your proposal.
4. Check the relevant political context for your proposal topic.
5. Check previously funded projects in your topic on Cordis (<https://cordis.europa.eu/projects/en>)



Register as expert

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

English EN
Register Login

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

Horizon 2020 Framework Programme (H2020)

There is currently an issue with the contact form preventing you from submitting your request. We are doing our best to resolve the issue as soon as possible. We apologize for any inconvenience caused.

Legal Entity and Bank Account validations tasks will experience issues in the Grant Management Services Services on Wednesday, 02.12.2020, between 07:30 and 08:10.

Need help?

Work as an expert

The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.

Being an expert for the European Commission...

In particular, experts assist in:

- Evaluation of proposals, prize applications and tenders
- Monitoring of actions, grant agreements, public procurement contracts

In addition, experts provide opinion and advise on:

- Preparation, implementation and evaluation of EU programmes and design of policies.

In order to select experts, the European Union Institutions publish regularly calls for expression of interest (see list below) detailing the selection criteria, the required expertise, the description of the tasks, their duration and the conditions of remuneration.

Interested? Please join the database of external experts!

Register as expert

News

21 Apr, 2020
Call for experts to assist the European Commission and other EU bodies with tasks in connection with pilot projects and preparatory actions

The European Commission is launching a call for experts for the Funding & Tenders Portal expert database, for assignments in connection with EU pilot projects...

05 Feb, 2020
INEA looking for experts to assess CEF Energy calls

The Innovation and Networks Executive Agency (INEA) is looking for experienced experts in energy to assess project proposals submitted under the 2020 Connecting...

All news >

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home

The best way to learn,
is by doing.

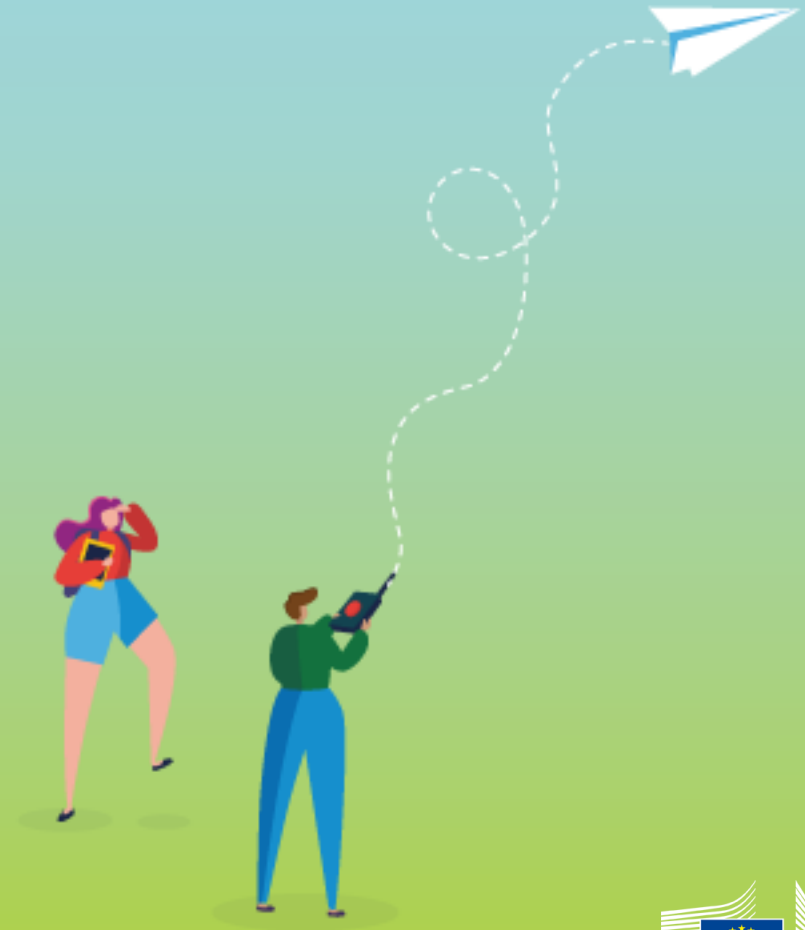
Register as an expert in the
Funding & Tenders Portal of
the European Commission.

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

Links to more information

Thema	Link
Funding & Tenders Portal of the European Commission	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home
Kowi Factsheet for participation in Horizon Europe	https://www.kowi.de/Portaldata/2/Resources/kowi/KoWi_Factsheet_Beteiligungsregeln_Horizon_Europe.pdf
German Portal for „Horizont Europa“	https://www.horizont-europa.de/
Official Website of the European Commission about Horizon Europe	https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe_en
Introduction to the Portal of the European Commission	https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210527.htm

QUESTIONS and ANSWERS



Q&A

