



EU-INDIA R&I Cooperation
Horizon Europe –Work Programmes 2023-2024
Calls earmarked by Ministry of Earth Sciences (MoES)
Government of India

Co-Funding Modalities

HORIZON-CL6-2023-CLIMATE-01-8: Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments (IA)

Dr Aparna SHUKLA, Scientist E, MoES, India

Dr Vivek DHAM, Advisor - R&I Section, EU Delegation to India

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Call & deadline

Topic	Action	Closing
CLIMATE CHANGE HORIZON-CL6-2023-CLIMATE-01-8: Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments – MoES cofunding	IA	12 Apr 2023

Innovation action (IA) that produces plans or designs for new or improved products, processes or services including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication. The EU funding covers up to 70% of the project costs.

Where to find call text?

Horizon Europe - Funding & Tenders Portal

The screenshot displays the Horizon Europe Funding & Tenders Portal interface. At the top, the European Commission logo and the text 'Funding & tender opportunities' are visible, along with the 'Single Electronic Data Interchange Area (SEDIA)' label. The navigation bar includes 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. A red arrow points to the search bar, which contains the placeholder text 'type your Keywords...'. Below the search bar, there are filters for 'Match whole words only' (checked), 'GRANTS' (checked), and 'TENDERS' (unchecked). The 'Submission status' section shows three categories: 'Forthcoming (415)', 'Open for submission (537)', and 'Closed (6261)'. The 'Programming period' section has a dropdown menu for 'Select a Programme period...'. The 'Filter by Programme / Programme group' section is partially visible. The main content area displays 'Funding and tenders (7213)' with a 'Need help?' button and a 'Sort by:' dropdown. Two funding opportunities are listed:

- Integration of 5G with edge computing and federated cloud facilities** (CEF-DIG-2022-TA-5GINTEGRA)
 - Programme: Connecting Europe Facility (CEF)
 - Type of action: CEF Project Grants
 - Opening date: 12 October 2022
 - Status: Open for submission
 - Deadline model: single-stage
 - Deadline date: 23 February 2023 17:00:00 Brussels time
- Preparation of works for Operational digital platforms** (CEF-DIG-2022-TA-PLATFORMS)
 - Programme: Connecting Europe Facility (CEF)
 - Type of action: CEF Project Grants
 - Opening date: 12 October 2022
 - Status: Open for submission
 - Deadline model: single-stage
 - Deadline date: 23 February 2023 17:00:00 Brussels time

Where to find MoES co-funding guidelines?

MoES



Ministry of Earth Sciences
Government of India



EUROPEAN UNION

**Cooperation on Climate Change and Polar Research
between
Ministry of Earth Sciences (MoES) and the European Union (EU)
under the R&I programme 'HORIZON EUROPE' (2023-2024)**

Researchers and innovators from universities and research organisations from India can team up with European partners in the calls for proposals published by the European Commission

Who can participate?

Horizon Europe:

- 'By-default' open to almost all countries;
- Any legal entity i.e company, big or small/SME/startups, research organisations, universities, non-governmental organisations, regardless of their place of residence or establishment in "Europe or Non-European countries" – researchers, NGO. Public or private;

India:

- Central/State Government supported or recognized (Public or Private) academic and/or research institution(s);
- National/State funded R&D Labs;
- Scientific/R&D performing Indian industry may participate voluntarily (own funding);

Horizon Europe Proposal Eligibility: (1/2)

Collaborative projects such as RIA/IA:

- Consortium must include, as **beneficiaries**: minimum **three legal** entities from EU MS/AC independent from each other and each **established in a different country** as follows:
 - ✓ **at least one** independent legal entity established in a **Member State (MS)**; and
 - ✓ **at least two** other independent legal entities, each established in different **Member States (MS) or Associated Countries (AC)**.

27 EU Member States (MS)

Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden

Horizon Europe Associated Countries (AC)* :

Agreements in place: Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Georgia, Iceland, Israel, Kosovo, Moldova, Montenegro, North Macedonia, Norway, Serbia, Tunisia, Turkey and Ukraine

The EU is still in the process of association negotiations with Morocco, New-Zealand and United Kingdom's (UK)

See updates https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation_horizon-euratom_en.pdf

*updated - HE association agreements status as of 15.01.2023

India Proposal Eligibility: general conditions (2/2)

- Number of participant from India in co-funded call is not an eligibility condition of HE
- To obtain MoES co-funding, **one or more entities** per proposal from India are encouraged to increase impact;
- Attention: at least one publicly funded Indian entity must be part of a selected project to avail MoES funding;
- Proposal must include: minimum 3 EU MS/AC partners + 1 Indian or more + open to other non-European countries;
- Please check additional eligibility conditions in call text.

Eligibility: additional conditions

HORIZON-CL6-2023-CLIMATE-01-8: Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments

Specific conditions

<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 5.00 and 6.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
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<i>Indicative budget</i>	The total indicative budget for the topic is EUR 17.00 million.
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<i>Type of Action</i>	Innovation Actions
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<i>Eligibility conditions</i>	The conditions are described in General Annex B. The following exceptions apply: If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).
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<i>Technology Readiness Level</i>	Activities are expected to achieve TRL 5-6 by the end of the project (Option C) – see General Annex B. Activities are expected to achieve TRL 7-8 by the end of the project (Option B) – see General Annex B. Activities are expected to achieve TRL 7-8 by the end of the project (Option A) – see General Annex B.
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<i>Procedure</i>	The procedure is described in General Annex F. The following exceptions apply: To ensure a balanced portfolio covering the Essential Ocean Variables (EOVs), grants will be awarded to applications not only in order of
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Please refer to the eligibility conditions in the topic description

- [Integrated multidisciplinary ocean science](#)
- **Option A & B – TRL 7-8**
- **Option C – TRL 5-6**
- International cooperation will be essential
- A strong linkage -All-Atlantic Ocean Research and Innovation Alliance, UN Decade of Ocean Science, and GOOS bio-eco panel, Horizon projects etc.

Technology Readiness Levels

TRL 0: Idea - Unproven concept, n testing has been performed.

TRL 1: Basic research - Basic principles observed.

TRL 2: Technology formation - Technology concept formulated.

TRL 3: Applied Research - Experimental proof of concept.

TRL 4: Small scale prototype-Technology validated in a lab.

TRL 5: Large scale prototype -Technology validated in a relevant environment (industrially relevant environment in the case of key enabling technologies).

TRL 6: Prototype system - Technology demonstrated in a relevant environment (industrially relevant environment in the case of key enabling technologies).

TRL 7: Demonstration system -System prototype demonstration in an operational environment.

TRL 8: First of kind commercial system - System complete and qualified.

TRL 9: Full commercial application - Actual system proven in an operational environment (competitive manufacturing in the case of key enabling technologies, or in space).

Who is eligible for HE funding?



EU COUNTRIES

- Member States (MS) including their outermost regions -27
- The Overseas Countries and Territories (OCTs) linked to the MS.



NON-EU COUNTRIES

- Countries associated to Horizon Europe (AC) – (currently 16)
- 120 Low and middle income countries: See [HE Programme Guide](#).
- **Other countries** (*not automatically eligible for EU funding, except if stated in call text or considered participation essential by EC/funding body*)



SPECIFIC CASES

- Affiliated entities established in countries eligible for funding.
- EU bodies
- International organisations (IO):
 - International European research organisations are eligible for funding.
 - **Other IOs** (*not automatically eligible for EU funding, only when announced in the call or exceptionally if their participation is essential*)

Funding of European partners is as **per Horizon Europe rules** of participation and in function of type of action [RIA & IA] – see HE [programme guide](#)

Non-European Countries not automatically funded

Exceptional funding / Co-funding / own funding



NON-EU COUNTRIES

not automatically eligible for EU funding

- Industrial & Emerging Economies countries
- (e.g. US, CA, AU, NZ, JP, KOR, CN, **India**, BR, MX etc.)
- **Associated Partners**

INTERNATIONAL ORGANISATIONS

not automatically eligible for EU funding

- UN, UNESCO, WHO etc.

Other IOs (only when announced in the call or exceptionally if their participation is **essential**)

Exceptional funding

Participation deemed essential by the EC (outstanding expertise, access to research infrastructure/data etc.)

Co-Funding

Bilateral agreement between EU and Third Country



Specific provision

mention in the call text for TC funding

General Gov. co-funding conditions?

- Indian entities to comply terms & conditions of funding agency MoES! - see web notice;
- **Proposal not submitted to both funding portals/agencies will be disqualified;**
- Co-funding subject to **positive evaluation** by respective Indian funding agencies;
- Indian entities **not to sign the EC Grant Agreement!**
- Duration: up to 3 to 4 years;

Who is eligible for MoES Co-funding?

- **Public or Private: academic/universities, research institutions, national & state labs:**
 - ✓ must have a well-established research support system;
 - ✓ submission of proof of establishment under Indian statute;
 - ✓ recognition documents and registration at Government of India's Public Finance Management System (PFMS) - <https://pfms.nic.in> shall be obligatory;
- Industry: Scientific/R&D performing Indian industry may participate on its own resource/funding;

Attention: Only co-funding available in HE calls earmarked by MoES (2 calls)

What is funded by Gov. under co-funding?

- **100% funding (Grant-in-aid)** → Public or Private academic and/or research institution(s), National/State funded R&D Labs
- **IND contribution per project:**
 - MoES: INR 1.5 crore (EUR 160,000)
- **Eligible costs:**
 - Capital expenditure (equipment's)
 - Manpower
 - Consumables
 - Travel (local and international travel)
 - Contingency
 - Overheads
 - Outsourcing
 - others (training & awareness; workshops; publications; review meetings, etc.)

Admissibility: general conditions of Gol.

Application must be:

- **Jointly developed** by EU + India + other partners in prescribed HE template (Part A & B);
- Submitted electronically to **Funding & Tenders Portal electronic submission** system **by the call deadline** (task of European Project Coordinator);
- Submitted to Gol. i.e. **same proposal** as submitted to Horizon Europe F&T Portal + **in annex administrative & financial form required by MoES**;
- Submitted to MoES via email - within 7 working days after the HE call closing date;
- Complete and contain all parts and mandatory Annexes and supporting documents must be readable, accessible and printable;

Submission of Proposal

EC F&T Portal

Funding & tender opportunities
Online Manual

/ Online Manual / Grants / Applying for funding / Submit a proposal — Electronic Submission System

Electronic proposal submission

Get prepared → Electronic proposal submission

HOW TO

Electronic proposal submission: Get an EU Login account > Get a PIC number (Participant Register) > Launch Submission wizard > Pre-register your draft proposal > List participants, contact persons > Fill in Administrative Forms (Part A) > Upload Technical Description (Part B) > Submit your proposal > Acknowledgement of receipt

Proposals must be **submitted online** using the Portal Submission System and before the call deadline.

HOW TO

IND MoES via Email + Hard Copy

ADMINISTRATIVE & FINANCIAL PARTS (PART A)

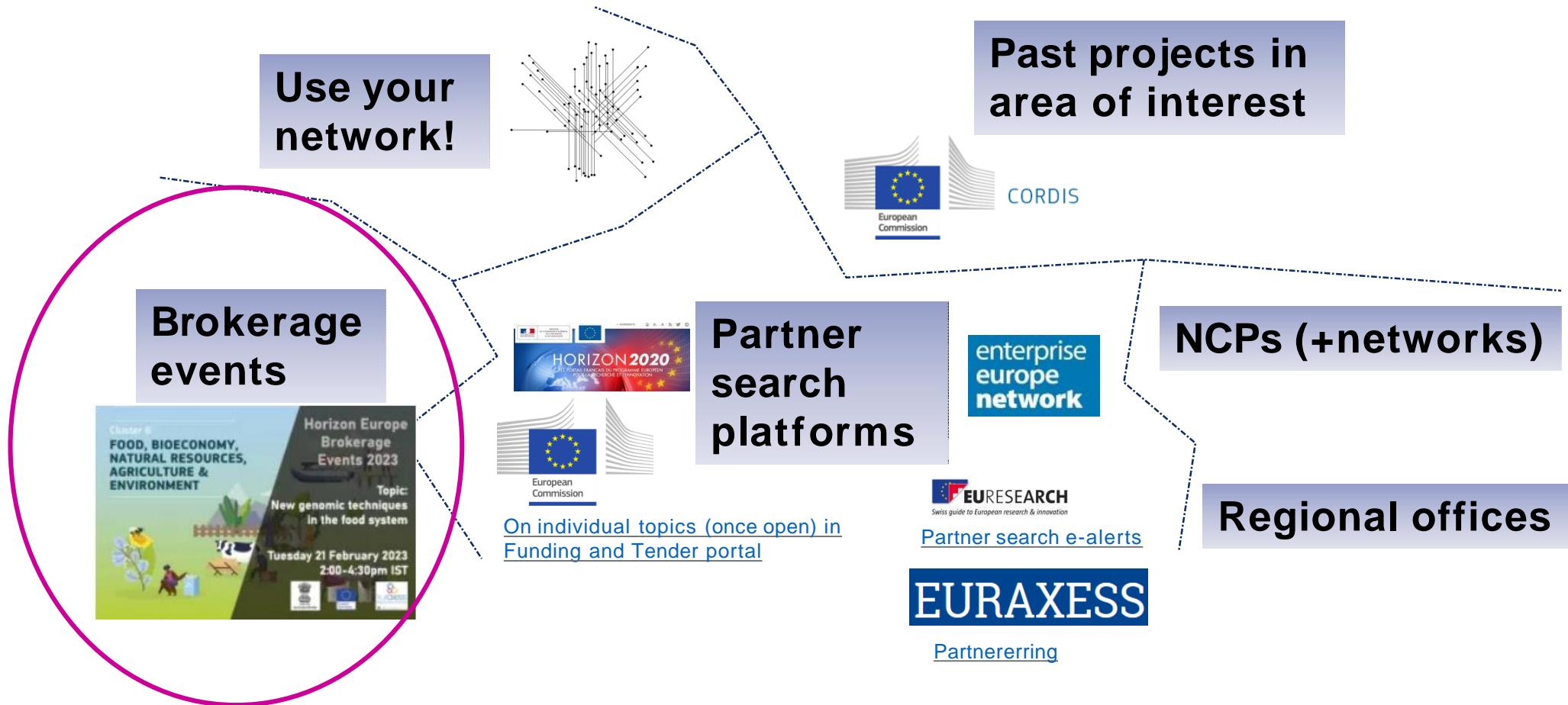
RESEARCH PROPOSAL (PART B)

IND BUDGET FORMAT



MoES: vijay.kumar66@nic.in; aparna.shukla@gov.in

Consortium – How to Find Partners?



Consortia Formation

- At least 3 legal organisations from 3 different EU Member States and/or Associated Countries (at least 1 from EU MS);
- Additional legal organisations depending on project requirement from Europe, India, and other non-European countries could be included;
- Partners: multidisciplinary, cross-sectoral & cross-border participation encouraged;
- Gender balance: female participation highly encouraged;
- **One Project Coordinator from EU** - consortium to decide;
- **One lead scientific coordinator from India.**

India IPR: Ownership, Protection & User rights

- Specify and agree on central IP arrangements as part of a comprehensive and elaborated Consortium Agreement.
- IP management should cover the following aspects:
 - Knowledge management
 - Confidentiality obligations
 - Background
 - Ownership and transfer of ownership of results
 - Protection and exploitation of results
 - Dissemination
 - Access rights
 - Settlement of dispute

IPR issues for all the proposals need to satisfy the
S&T agreement between EU and India

Application form (proposal template)



The proposal contains two parts:

- **Part A** (web-based forms) is generated by the IT system. It is based on the information entered by the participants through the submission system in the Funding & Tenders Portal.
- **Part B** is the narrative part that includes three sections that each correspond to an evaluation criterion. Part B needs to be uploaded as a PDF document **following the templates available in the submission system** for the specific topic.
- **Annex (if applicable):**
 - Co-fund
 - Lump Sum
 - Financial Support to Third Parties
 - Clinical trials

Type of participants

Beneficiaries

- **Sign the grant agreement**
- Full rights and obligations
- Contribute to reach minimum eligibility requirement

Affiliated entities

- **Legal or capital link** with a beneficiary
- Participate with similar rights and obligations to the beneficiaries
- **Do not sign** the grant agreement

Associated partners

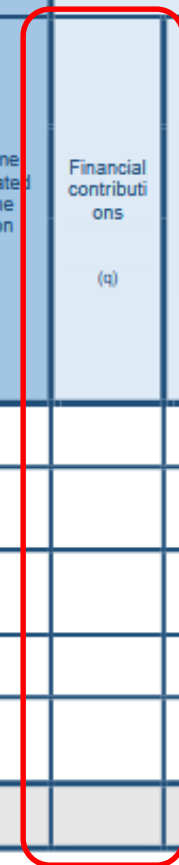
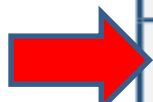
- Participate in the action
- **Do not sign** the grant agreement
- Cannot charge costs or claim contributions

INDIA - Associated Partner

- **Entities receiving IND funding in ₹ - Do not sign EU's grant agreement**
- Can participate in all collaborative projects in the role of "**Associated Partner**";
- Your activities and global budget must be specified in the proposal;
- Can Lead Work Packages/Partner (can not be coordinator);
- Have a 9-digit Participant Identification Code (PIC);
- Sign the Consortium Agreement or similar agreement;
- Being listed in Art. 9.1 of the EC Grant Agreement.

INDIA - Associated Partner Budget [Part A]

			Estimated expenditure						Estimated income								
			Estimated eligible costs						Requested EU contribution			Revenues	Other sources of financing		Total estimated income (s)=(n) +(o)+(p)+ (q) + (r)		
No	Participant name	Country	A. Personnel costs/€ (a1)	B. Subcontracting costs/€ (b)	C. Purchase costs			D. Other cost categories D.X [specific cost category] /€ (dx)	E. Indirect costs/€ (e) = 25% [(a1) + (c1) + (c2) + (c3) + d7]	Total eligible costs (h) = (a1) + (b) + (c1) + (c2) + (c3) + (d) + (e)	Funding rate (U)	Maximum EU contribution to eligible costs (l) = (U) * (h)	Requested EU contribution to eligible costs/€ (Requested grant amount) (m) (n)	Income generated by the action (o)		Financial contributions (q)	Own resources (r)
			(a1)	(b)	C.1 Travel and subsistence/€ (c1)	C.2 Equipment/€ (c2)	C.3 Other goods, works and services /€ (c3)										
1	Participant 1	NL															
2	Participant 2	LB															
	Affiliated Entity	LB															
3	Participant 3	DE															
	Associated Partner	AR															
Total																	



Evaluation Criteria

Horizon Europe Evolution Criteria

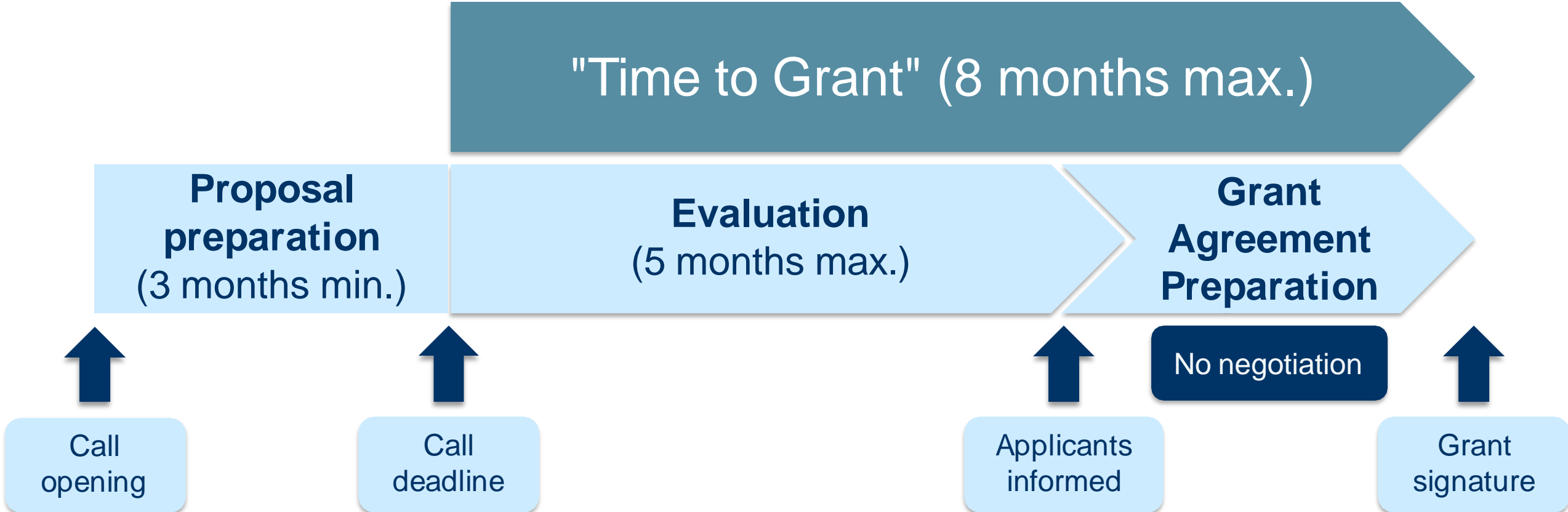
Excellence	Impact	Quality and efficiency in the implementation
<ul style="list-style-type: none">• Clarity and pertinence of the objectives;• Credibility of the proposed approach;• Soundness of the concept, including trans disciplinary considerations, where relevant;• Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground breaking objectives, novel concepts and approaches).	<ul style="list-style-type: none">• The expected impacts listed in the work programme under the relevant topic• Enhancing innovation capacity and integration of new knowledge;• Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets; and by delivering such innovations to the markets;• Any other environmental and socially important impacts;• Effectiveness of the proposed measures to exploit and disseminate the project results	<ul style="list-style-type: none">• Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;• Complementarity of the participants within the consortium (when relevant)• Appropriateness of the management structures and procedures, including risk and innovation management.

Gov. Evolution Criteria

- Soundness, scientific quality and technological merit;
- Potential for wide application and the benefits expected to accrue from commercialization;
- Adequacy of the proposed effort;
- Capability of the R&D institution(s) in the proposed action network;
- Organizational and commercial capability of the enterprise, including its internal accruals;
- Reasonableness of the proposed cost and financing pattern;
- Measurable objectives, targets and milestones;

Proposals positively evaluated/selected by **both sides** will be considered for co-funding by the MoES

HE Timeline



Information sources

- GoI website: [MoES](#) guidelines for Indian applicants
- Horizon Europe Website with call details: [Funding & Tenders Portal](#)
- Partner Search
 - ✓ Horizon Europe: Guide to an adequate partner search
 - ✓ [Express interest](#) to specific call
 - ✓ [euMatch2.0](#)
 - ✓ [NCP Network](#)
 - ✓ [CORDIS](#)
- **Information and Brokerage events:** [EURAXESS India](#) website from **2 to 21 Feb.**

EU Login Account



How to authenticate with EU Login

EU Login is the entry gate to sign in to different European Commission services and/or other systems. EU Login verifies your identity and allows recovering your personal settings, history and access rights in a secure way. You can sign in using social media accounts or the EU Login account.

- Each user has to have an EU Login account to log in on the Portal.
- 1 EU Login account = 1 e-mail address = 1 person
- https://ec.europa.eu/sfc/sites/default/files/eu_login_tutorial.pdf

Create an account

[Help for external users](#)

First name

Last name

E-mail

Confirm e-mail

E-mail language
English (en) ▼

Enter the code

By checking this box, you acknowledge that you have read and understood the [privacy statement](#)

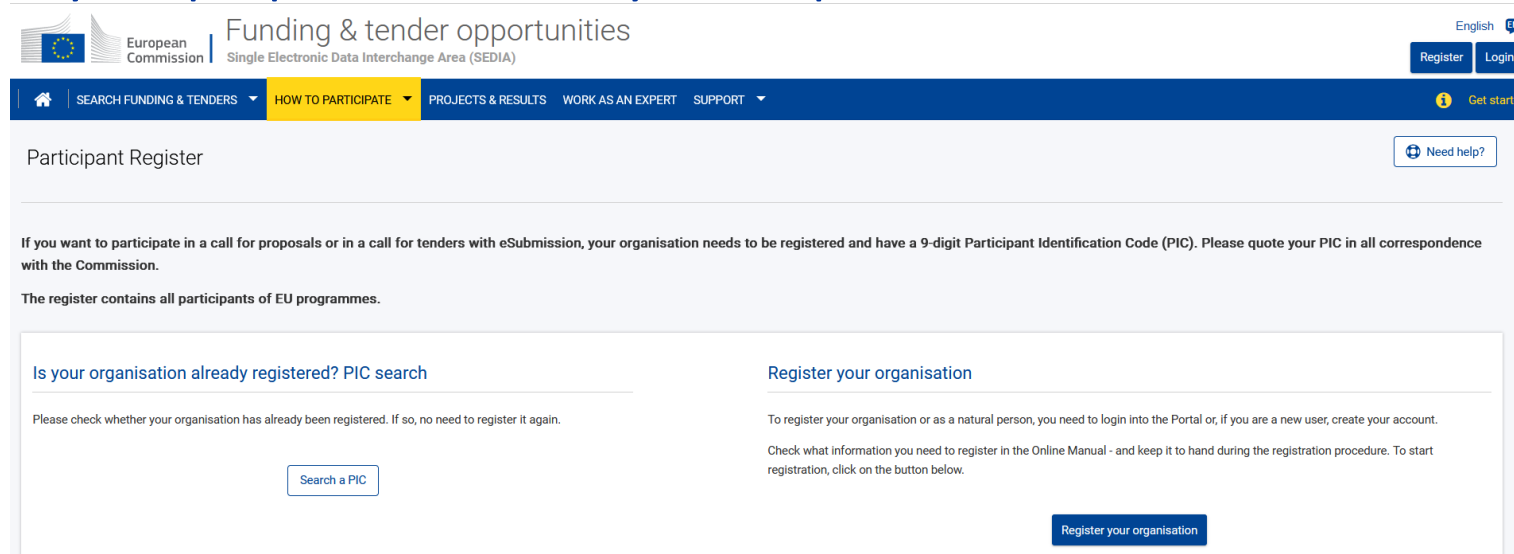
Fill in the provided form with your personal details:

- **First name** – Your first name cannot be empty and can contain letters in any alphabet;
- **Last name** – Your last name cannot be empty and can contain letters in any alphabet;
- **E-mail** – An e-mail address that you have access to;
- **Confirm e-mail** – Type your e-mail address again to make sure it is correct;
- **E-mail language** – The language used when EU Login sends you e-mails regardless of the language used in the interface. It guarantees that you are able to understand these e-mails even if they were triggered mistakenly. EU Login only sends you e-mails for validating your identity or for notifying you about security events affecting your account;
- **Enter the code** – By entering the letter and numbers in the picture, you demonstrate that you are a human being who is legitimately creating an account. If the code is too difficult to read, click on the button with two arrows to generate a new one;
- Check the **privacy statement** by clicking on the link and tick the box to accept the conditions;
- Click on **"Create an account"** to proceed

Registration of Organisation

Remember.. Before starting ... Register your organisation

- If you want to participate in a project proposal, your organisation needs to be registered and have a **9-digit Participant Identifications Code (PIC)**
- You can verify whether your organisation is already registered and has a PIC on Portal
- <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register>
- If not, you can start the registration process on the same page and, once completed, get the PIC to be quoted in your proposal and in any correspondence with the Commission.



The screenshot shows the 'Participant Register' page on the European Commission's funding portal. The page header includes the European Commission logo, the text 'Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)', and language options for English and EU. A navigation bar contains links for 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE' (highlighted in yellow), 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. A 'Need help?' button is located in the top right corner.

The main content area is titled 'Participant Register' and contains the following text:

If you want to participate in a call for proposals or in a call for tenders with eSubmission, your organisation needs to be registered and have a 9-digit Participant Identification Code (PIC). Please quote your PIC in all correspondence with the Commission.

The register contains all participants of EU programmes.

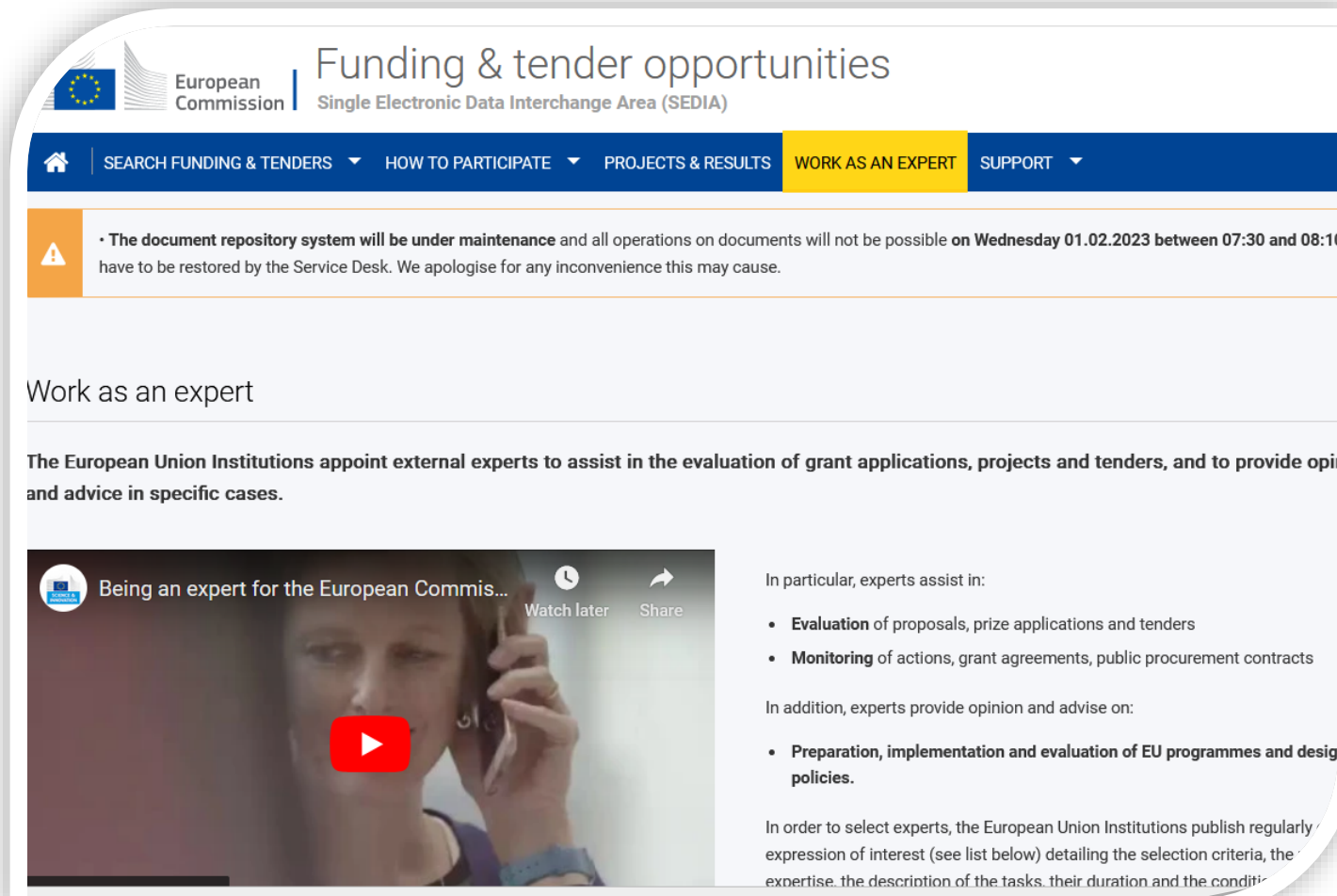
The page is divided into two columns:

- Is your organisation already registered? PIC search**: This section includes the instruction 'Please check whether your organisation has already been registered. If so, no need to register it again.' and a 'Search a PIC' button.
- Register your organisation**: This section includes the instruction 'To register your organisation or as a natural person, you need to login into the Portal or, if you are a new user, create your account. Check what information you need to register in the Online Manual - and keep it to hand during the registration procedure. To start registration, click on the button below.' and a 'Register your organisation' button.

Work as an expert

Work as an expert (if not involved in project)

- For evaluation of proposals
- For project review
- Website <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>



The screenshot shows the top part of the European Commission website. The header includes the European Commission logo and the text 'Funding & tender opportunities' and 'Single Electronic Data Interchange Area (SEDIA)'. 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 is a maintenance notice: 'The document repository system will be under maintenance and all operations on documents will not be possible on Wednesday 01.02.2023 between 07:30 and 08:11 have to be restored by the Service Desk. We apologise for any inconvenience this may cause.' The main content area is titled 'Work as an expert' and contains the text: 'The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinion and advice in specific cases.' Below this text is a video player with the title 'Being an expert for the European Commis...' and a red play button. To the right of the video player, there is text: 'In particular, experts assist in:' followed by a list of tasks: 'Evaluation of proposals, prize applications and tenders' and 'Monitoring of actions, grant agreements, public procurement contracts'. Below this, it says 'In addition, experts provide opinion and advise on:' followed by a list: 'Preparation, implementation and evaluation of EU programmes and design policies.' At the bottom, it starts with 'In order to select experts, the European Union Institutions publish regularly / expression of interest (see list below) detailing the selection criteria, the / expertise, the description of the tasks, their duration and the conditi'.

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

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

• The document repository system will be under maintenance and all operations on documents will not be possible on Wednesday 01.02.2023 between 07:30 and 08:11 have to be restored by the Service Desk. We apologise for any inconvenience this may cause.

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 opinion and advice in specific cases.

Being an expert for the European Commis...
Watch later | Share

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 policies.**

In order to select experts, the European Union Institutions publish regularly / expression of interest (see list below) detailing the selection criteria, the / expertise, the description of the tasks, their duration and the conditi

Thank you for your Attention!

EU DEL IND



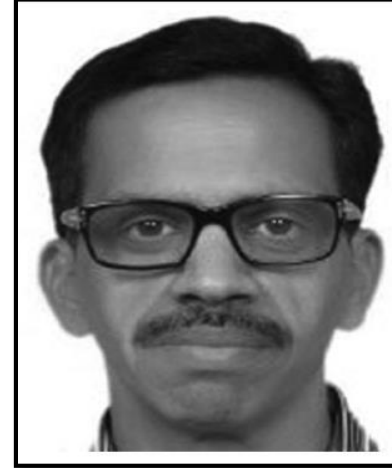
Mr Pierrick FILLON-ASHIDA
EU DEL IND



Dr Vivek DHAM
EU DEL IND

EU: delegation-india-ri@eeas.europa.eu

MoES



Dr Vijay KUMAR
MoES



Dr Aparna SHUKLA
MoES

MoES: aparna.shukla@gov.in