Horizon Europe –Work Programmes 2023-2024 Calls earmarked by Department of Science & Technology (DST) Government of India

Co-Funding Modalities

- HORIZON-CL5-2023-D2-01-05: Hybrid electric energy storage solutions for grid support and charging infrastructure (Batt4EU Partnership) (IA) | Deadline(s): 18 Apr 2023
- HORIZON-CL5-2023-D5-01-04: Circular economy approaches for zero emission vehicles (2ZERO Partnership)-(RIA) | Deadline(s): 20 Apr 2023

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- Proposal Preparation & Submission
- Evaluation & Timeline
- Partner search & websites

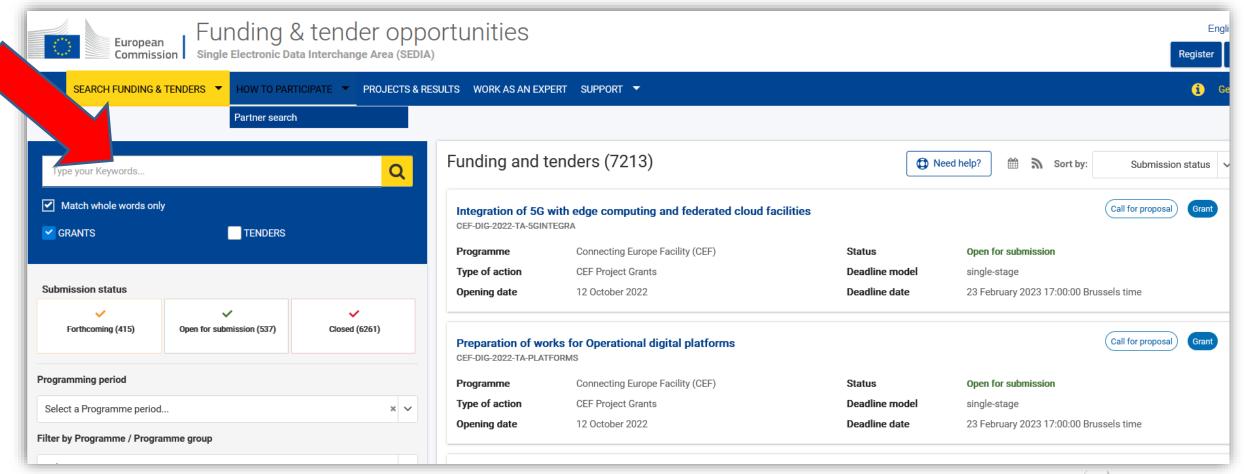
Calls & deadlines

Topic	Action	Closing
BATTERIES HORIZON-CL5-2023-D2-01-05: Hybrid electric energy storage solutions for grid support and charging infrastructure (Batt4EU Partnership) — DST cofunding	IA	18 Apr 2023
ZERO EMISSION ROAD TRANSPORT HORIZON-CL5-2023-D5-01-04: Circular economy approaches for <u>zero</u> <u>emission vehicles</u> (2ZERO Partnership)— DST cofunding	RIA	20 Apr 2023



Where to find call text?

Horizon Europe - Funding & Tenders Portal





Where to find Gol. co-funding guidelines?

DST

भारत सरकार GOVERNMENT OF INDIA MINISTRY OF SCIENCE AND TECHNOLOGY





ANNOUNCEMENT
INDIA-EU COOPERATION ON RESEARCH & INNOVATION (R&I)

DST ANNOUNCES CO-FUNDING PARTNERSHIP UNDER THE EU FRAMEWORK PROGRAMME ON R&I 'HORIZON EUROPE' CALLS 2023-2024

Collaboration in Science, Technology and Innovation (STI) plays an increasingly important role in the EU-India Strategic Partnership. In line with the EU-India



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 <u>beneficiaries</u>: minimum <u>three legal</u> entities from EU MS/AC independent from each other and each <u>established</u> in a <u>different country</u> 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: 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)

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 DST co-funding, one or more entities per proposal from India are encouraged to increase impact;
- Attention: at least <u>one publicly</u> funded Indian entity must be part of a selected project to avail DST 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.

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 <u>HE Programme</u> 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 <u>per Horizon Europe rules</u> of participation and in function of type of action [RIA & IA] – see HE <u>programme guide</u>

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

Exceptional funding

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

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**)

Co-Funding

Bilateral agreement between EU and Third Country



Specific provision
mention in the call text for TC
funding

General Gol. co-funding conditions?

- Indian entities to comply terms & conditions of funding agency DST! 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 years;

Eligibility: additional conditions

Specific condition	IS							
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 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.							
Indicative budget	The total indicative budget for the topic is EUR 12.00 million.							
Type of Action	Innovation Actions							
Eligibility conditions	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).							
Technology Readiness Level	Activities are expected to achieve TRL 7 by the end of the project – se General Annex B.							



Please refer to the eligibility conditions in the topic description





Technology Readiness Levels

- TRL 0: Idea. Unproven concept, no testing has been performed.
- TRL 1: Basic research. Principles postulated and observed but no experimental proof available.
- TRL 2: Technology formulation. Concept and application have been formulated.
- TRL 3: Applied research. First laboratory tests completed; proof of concept.
- TRL 4: Small scale prototype built in a laboratory environment ("ugly" prototype).
- TRL 5: Large scale prototype tested in intended environment.
- TRL 6: Prototype system tested in intended environment close to expected performance.
- TRL 7: Demonstration system operating in operational environment at pre-commercial scale.
- TRL 8: First of a kind commercial system. Manufacturing issues solved.
- TRL 9: Full commercial application, technology available for consumers.

Who is eligible for DST 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 statue;
 - ✓ recognition documents and registration at Government of India's <u>Public Finance</u> <u>Management System (PFMS) - https://pfms.nic.in</u> shall be obligatory;
- Industry: Scientific/R&D performing Indian industry may participate on its <u>own</u> resource/funding;

Attention: Only co-funding available in HE calls earmarked by DST (4 calls)

What is funded by Gol. under co-funding?

100% funding (Grant-in-aid) → Public or Private academic and/or research institution(s), National/State funded R&D Labs

Eligible costs:

- Capital expenditure (equipment's)
- Manpower
- Consumables
- Travel (local and international travel)
- Contingency
- Overheads
- Outsourcing
- others (training & awareness; workshops; publications; review meetings, etc.)

IND contribution per project:

DST: INR 1.5 crores/project (~EUR 160,000/project)

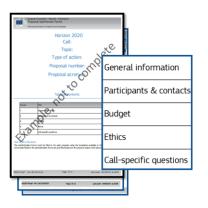
Admissibility: general conditions of Gol.

Application must be:

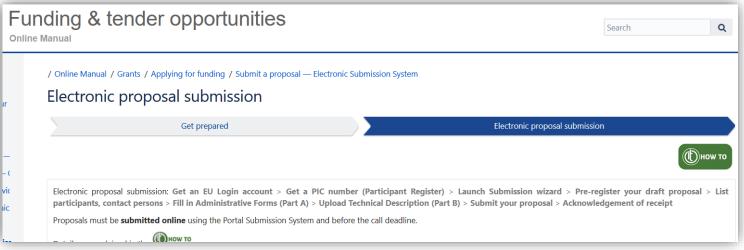
- Jointly developed by EU + India + other partners in prescribed HE template (Part A & B);
- Submitted electronically to Funding & Tenders Portal electronic submission system by the call deadline (task of European Project Coordinator);
- Submitted to Gol. i.e. same proposal as submitted to Horizon Europe F&T Portal + in annex administrative & financial form required by DST;
- Submitted to DST: by lead Indian scientific coordinator/PI on DST <u>ePMS online portal</u> 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







IND DST ePMS online portal



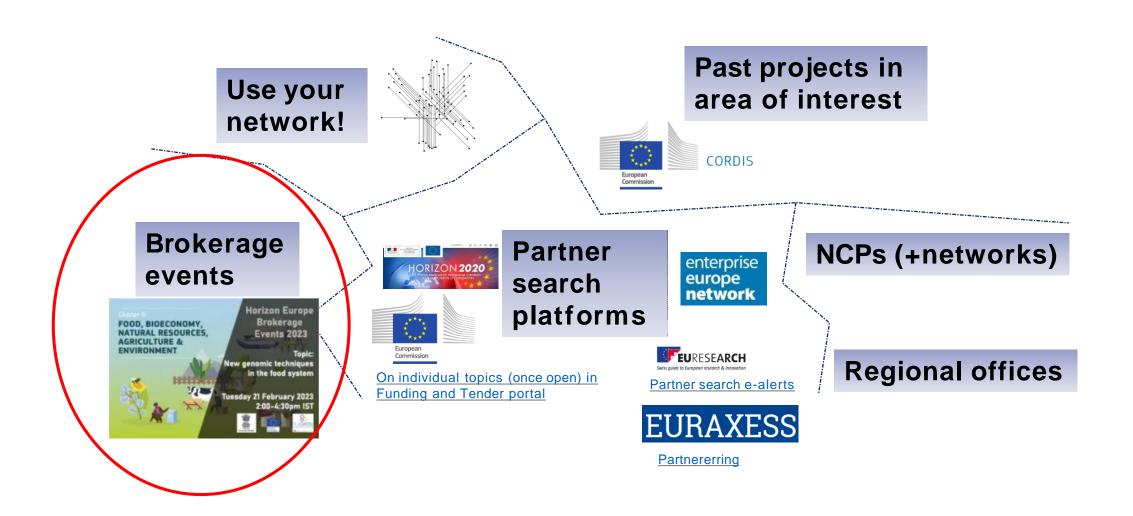
RESEARCH PROPOSAL (PART B)

The second of th

IND BUDGET FORMAT



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





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]

														stimated income				
			Estimated expenditure Requested EU contribution							tribution	Revenues	Other sources of financing						
			Estimated eligible costs EU contribution to eligible co											Total estimate d income				
		A. Personnel costs/€	B. Subcontracti ng costs/€		Purchase or		D. Other cost categories	E. Indirect costs/€ (e) = 25%	eligible	Funding rate	Maximum EU contributio n to	Requested EU contributio n to	Income generated by the	Financial contributi ons	Own resource s	(s)=(n)		
No	Participant name	Country	(a1)	(b)	C.1 Travel and subsiste nce/€	C.2 Equipm ent/€ (c2)	C.3 Other goods, works and services	D.X [specific cost category] /€ (dx)	[(a1) + (c1) + (c2) + (c3) + (d7)]	(h) = (a1) + (b) + (c1) + (c2) + (c3) + (d) + (e)	(U)	eligible costs (I) = (U) * (h)	eligible costs/€ (Requeste d grant amount)	action (o)	(q)	(r)	(s)=(n) +(o)+(p)+ (q) + (r)	
					(c1)		/€ (c3)						(m) (n)					
1	Participant 1	NL						\bigcirc										
2	Participant 2	LB																
	Affiliated Entity	LB				0	, 1											
3	Participant 3	DE			6													
	Associated Partner	AR		5														
	Total																	

Evaluation Criteria

Horizon Europe Evolution Criteria

Excellence

- 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).

Impact

- 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

Quality and efficiency in the implementation

- 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.

Gol. 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 cofunding by the DST

HE Timeline

"Time to Grant" (8 months max.)

Proposal preparation (3 months min.)

Evaluation (5 months max.)

Grant Agreement Preparation



Call opening



Call deadline



No negotiation



Applicants informed

Grant signature

Information sources

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

EU Login Account

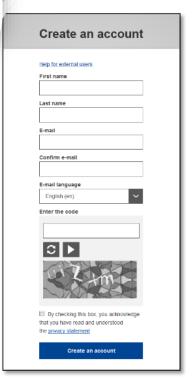


EU Login

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



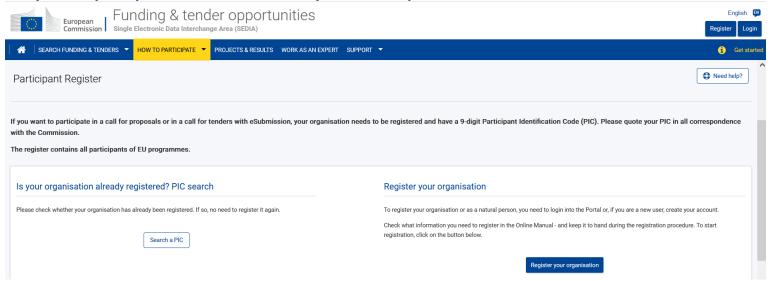
Fill in the provided form with your personal details:

- **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

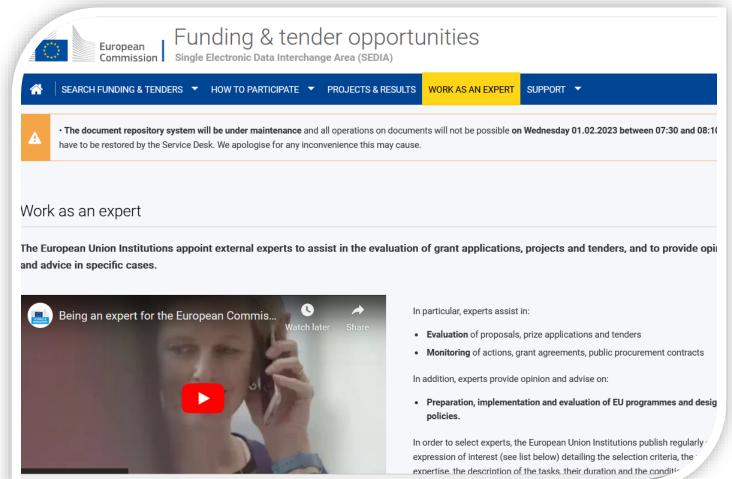
- If you want to participate in a project proposal, your organisation needs to be registered and have a **9-digit Participant Identifications Code (PIC)**
- You can verify whether your organisation is already registered and has a PIC on Portal
- https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register
- 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.



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



Thank you for your Attention!

EU DEL IND



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