



जैव प्रौद्योगिकी विभाग
Department of Biotechnology
Ministry of Science & Technology
Government of India



EUROPEAN UNION

INDIA-EU Co-FUNDING ANNOUNCEMENT FOR PROPOSALS UNDER 'HORIZON 2020' WORK PROGRAMME: 2019-2020, ON HEALTH, BIOECONOMY, CLEAN ENERGY AND BIOTECHNOLOGY

Researchers and innovators from universities, research organisations and enterprises from India can team up with European partners in the calls for proposals published by the European Commission (EC) under its Research and Innovation programme 'Horizon 2020' (2014-2020).

Through participation in 'Horizon 2020', Indian partners can benefit from access to talent, knowledge, data and infrastructures, and connect to world-leading teams, networks, value chains and address jointly global challenges. To ensure funding for successful Indian applicants, DBT and the EC have concluded a Co-Funding Mechanism (CFM) by which DBT agrees, in pre-selected calls, and subject to specific conditions and modalities, to fund the successful Indian participants that have been selected in Horizon 2020 project(s).

On 2 July 2019, the EC published the 'Horizon 2020' updated [Work programmes for 2019-2020](#), in which the Department of Biotechnology (DBT) has agreed to participate in 30 call topics in the areas of its mandate. See in [Section 1](#) hereunder, the full list of topics per thematic area earmarked by DBT for co-funding. The list indicates the exact Call IDs, the opening and closing date of the call; the type of action provided and the link to the full call text as published in the [Horizon 2020 Funding & Tenders Portal](#).

The guidelines in this notice also explain various modalities of participation that the Indian applicants have to comply with in order to be eligible for funding by DBT (see hereunder Sections 2 and 3, including Annex 1 on Administrative and Financial Considerations).

All proposals should be submitted to the Horizon 2020 Funding & Tenders Portal and to DBT, including the budget requested from DBT. In the absence of this, DBT will disqualify the Indian participants from funding (see Section 4 hereunder).

At the end of the notice, information is also provided on how to access and go about 'Horizon 2020' formalities, which Indian applicants have also to comply with (Annex 2) and on How to find partners (Annex 3).

Interested participants must also ensure complete understanding about the call text itself on the [Horizon 2020 Funding & Tenders Portal](#) for the overall conditions and modalities.

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SECTION 1: LIST OF CO-FUNDED CALLS

List of Calls selected by DBT for Co-Funding under Horizon 2020 Work programme 2019-2020¹.

Click on the 'topic identifier' link to see complete call text.

FOCUS AREA: HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING (SOCIETAL CHALL. 1)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Better Health and care, economic growth and sustainable health systems						
Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data	SC1-BHC-06-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Global Alliance for Chronic Diseases (GACD) - Prevention and/or early diagnosis of cancer	SC1-BHC-17-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
New approaches for clinical management and prevention of resistant bacterial infections in high prevalence settings	SC1-BHC-34-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Micro- and nano-plastics in our environment: Understanding exposures and impacts on human health	SC1-BHC-36-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Towards the new generation of clinical trials – trials methodology research	SC1-BHC-37-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Coordinating and supporting research on the human microbiome in Europe and beyond	SC1-HCO-17-2020	CSA	4 July 2019	single-stage	7 April 2020	NA
Reliable and accessible information on cell and gene-based therapies	SC1-HCO-19-2020	CSA	4 July 2019	single-stage	7 April 2020	NA
Trusted digital and Cybersecurity in Health and Care						
AI for Genomics and Personalised Medicine	DT-TDS-04-2020	RIA	9 July 2019	single-stage	13 November 2019	NA
AI for Health Imaging	DT-TDS-05-2020	RIA	9 July 2019	single-stage	13 November 2019	NA

¹ http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2018-20

FOCUS AREA: FOOD SECURITY, SUSTAINABLE AGRICULTURE AND FORESTRY, MARINE, MARITIME AND INLAND WATER RESEARCH AND THE BIO ECONOMY (SOCIETAL CHALL. 2)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Sustainable Food Security						
Healthy terrestrial livestock microbial ecosystems for sustainable production	SFS-02-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Stepping up integrated pest management	SFS-06-2018-2020	CSA	15 October 2019	single-stage	22 January 2020	NA
Genome and epigenome enabled breeding in terrestrial livestock	SFS-13-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Rural Renaissance						
Reducing food losses and waste along the agri-food value chain	RUR-07-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Closing nutrient cycles: C.[2020] Bio-based fertilisers from by-products of the agri-food, fisheries, aquaculture or forestry sectors (IA)	CE-RUR-08-2018-2019-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Closing nutrient cycles: D.[2020] Bio-based fertilisers from waste water and sewage sludge (RIA)	CE-RUR-08-2018-2019-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Food and Natural Resources						
Industrial microbiomes – learning from nature	FNR-12-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Pilot action for the removal of marine plastics and litter	CE-FNR-09-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Innovative textiles – reinventing fashion	CE-FNR-14-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Pilot circular bio-based cities – sustainable production of bio-based products from urban biowaste and wastewater	CE-FNR-17-2020	IA	15 October 2019	single-stage	22 January 2020	NA

FOCUS AREA: SECURE, CLEAN & EFFICIENT ENERGY (SOCIETAL CHALLENGE 3)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Global leadership in renewables						
Demonstration of advanced biofuels production from aquatic biomass	LC-SC3-RES-27-2020	IA	3 September 2019	single-stage	11 December 2019	NA
Combined clean biofuel production and phytoremediation solutions from contaminated lands worldwide	LC-SC3-RES-37-2020	RIA	3 December 2019	single-stage	21 April 2020	NA
International cooperation with Japan for Research and Innovation on advanced biofuels and alternative renewable fuels	LC-SC3-RES-25-2020	RIA	5 May 2020	single-stage	1 September 2020	NA
International cooperation with Canada on advanced biofuels and bioenergy	LC-SC3-RES-36-2020	RIA	5 May 2020	single-stage	1 September 2020	NA

FOCUS AREA: NANOTECHNOLOGIES, ADVANCED MATERIALS, BIOTECHNOLOGIES AND ADVANCED MANUFACTURING AND PROCESSING (NMBP)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Biotechnology						
Reprogrammed microorganisms for biological sensors	BIOTEC-06-2020	IA	3 July 2019	two stage	12 December 2019	14 May 2020
Multi-omics for genotype-phenotype associations	BIOTEC-07-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
New biotechnologies to remediate harmful contaminants	CE-BIOTEC-08-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Upcycling Bio Plastics of food and drinks packaging	CE-BIOTEC-09-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Medical Technology Innovations						
Biological scaffolds for tissue regeneration and repair (RIA) NMBP-21-2020	NMBP-21-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Next generation organ-on-chip	DT-NMBP-23-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Open Innovation Test Beds						
Open Innovation Test Beds for nano-enabled bio-based materials	DT-NMBP-04-2020	IA	3 July 2019	two stage	12 December 2019	14 May 2020

○ **Single-stage and Two-stage proposal procedures²**

- Single Stage procedure: at the indicated deadline a full proposal is submitted.
- Two Stage procedure:
In stage 1 of a two-stage procedure, applicants first submit a short proposal (maximum 10 pages, unless otherwise specified in the submission system). Part A is also shorter, including only the total requested EC funding (without a breakdown of costs). Part B is also shorter (10 pages) and only the evaluation criteria on 'excellence' and on 'impact', notably in relation to the expected impact statement in the work programme, have to be addressed.

Proposals which pass all the individual thresholds and the overall threshold for stage 1 (see Annex H of the General Annexes to the Work Programme), will be invited to submit a full proposal for stage 2.

At the end of stage 1, unsuccessful proposal coordinators receive an Evaluation Summary Report (ESR), showing the results of the evaluation of their proposal. For successful stage 1 proposals, general feedback is provided to all coordinators, but the ESR of stage 1, is only sent after stage 2.

Submission in stage 2 requires the same content and formalities as the single proposal procedure. However, the full proposal must be consistent with the short proposal submitted in stage 1 and must not differ substantially from it.

○ **Type of funding actions under Horizon 2020²**

- **Research and Innovation Action (RIA)**: aiming at tackling clearly defined challenges which can lead to the development of new knowledge and/or new technology.
- **Innovation Action (IA)**: supporting closer-to-the-market activities including prototyping, testing, demonstrating, piloting, scaling-up etc. for new or improved products, processes or services.
- **Coordination and Support Actions (CSAs)**: focusing at activities coordinating or supporting research actions and strategies, such as networking and exchange actions, cross-border access to research infrastructure, studies, policy dialogues, conferences, preparation of studies etc.

SECTION 2: MODALITIES OF PARTICIPATION AND FUNDING

1. PARTICIPATION

1.1 Participants from India

- Any legal entity/ organization established in India with expertise in relevant and distinct disciplines. No limit on number of Indian participants but should be necessary for the execution of the project and comply with the modalities ([see section 2 - 2.1](#))
- The call is open to all career groups (i.e. early, intermediate and senior); however, it is expected that each investigator shall have adequate service tenure to accommodate key

² https://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/find-a-call/what-you-need-to-know_en.htm

research, coordination, outreach, post completion handholding and maintenance (if any) responsibilities. Early career investigators are encouraged to participate.

- Participation of Indian business partner and/or an Indian urban or other local government body who would be the end user of the solution would be encouraged.
- The number of Indian project partners should be optimum and correspond to the objectives of the project. Each project should clearly demonstrate the partner's essentiality, complementarities, and added value in jointly addressing the topic.

1.2 Participants from EU

- **Entities from Member States of the European Union**³, including their overseas departments and outermost regions⁴; and
- Entities from **Associated Countries** (AC)⁵ to EU R&I Programme 'Horizon 2020'.

Jointly called hereafter participants from 'Europe'.

//to be Noted //

Please note that until the UK leaves the EU, EU law continues to apply to and within the UK, when it comes to rights and obligations; this includes the eligibility of UK legal entities to fully participate and receive funding in Horizon 2020 actions such as those called for in this work programme. Please be aware however that the eligibility criteria must be complied with for the entire duration of the grant. If the UK withdraws from the EU during the grant period without concluding an agreement with the EU ensuring in particular that British applicants continue to be eligible, they will no longer be eligible to receive EU funding and their participation may be terminated on the basis of Article 50 of the grant agreement
http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-intro_en.pdf

1.3 Composition of Consortium

The Research and Innovation Action (RIA), Innovation Action (IA) and Coordination and Support Actions (CSA) will be carried out by a consortium of organisations working together on specific research and/or innovation or coordination areas, identified in the call text.

In addition to the **3 mandatory participants from 'Europe' in a RIA or IA**, there is no restriction on the number of participating entities/organizations from Europe or India, or as a matter of fact from anywhere in the world. Indeed, based on the principle 'Horizon 2020 Open to the World', entities located anywhere in the world are also eligible to join the project consortium, subject to specific Horizon 2020 rules of participation.

³ https://europa.eu/european-union/about-eu/countries_en

⁴ http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-a-countries-rules_en.pdf

⁵ Following countries are associated to Horizon 2020: Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Georgia, Iceland Israel, Moldova, Montenegro, North Macedonia, Norway, Serbia, Switzerland, Tunisia, Turkey and Ukraine

All three European legal entities shall be independent of each other within the meaning of Article 8 of Horizon 2020 Rules for Participation⁶.

To be noted that in addition to the general eligibility conditions, specific requirements might be set for a given call. Please always check carefully the call text itself in the Horizon 2020 Funding & Tenders Portal⁷.

Each project should clearly demonstrate the partner's essentiality, complementarities, and added value in jointly addressing the topic.

According to EC guidelines⁸, among all consortium beneficiary, one consortium member should be nominated as a 'Project Coordinator', who serves as the central contact point and represent the consortium towards the EC. The consortia members are free to choose/nominate who will take up this role⁹. In case there is more than one Indian participant in a given project it is advised that the Indian participants appoint among them a '**Lead Scientific Coordinator**', who can represent the Indian participants in the consortium vis-à-vis DBT.

1.4 Gender Balance

Applicants are encouraged to promote equal opportunities in the implementation of the action by ensuring a balanced participation of women and men at all levels of the research and innovation teams and in the management structures.

2. ELIGIBILITY

The participating entities/organisations from India have to be a legal entity as per Indian law (Indian applicants) and the European entities as per the Horizon 2020 rules of participation.

2.1 Indian Entities Eligible to Participate

- Government of India supported or recognised (Public or Private) academia; research organisations and urban or other local bodies;
- Government of India recognised not-for-profit, NGO(s)/ VO(s)/ Trust(s)/ Research foundations, having research as one of the imperative mandates;
- Indian Industry can be a partner in the consortium and are eligible for funding subject to fulfilment of DBT's technical, administrative and financial norms.

⁶ https://ec.europa.eu/research/participants/data/ref/h2020/legal_basis/rules_participation/h2020-rules-participation_en.pdf

⁷ https://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/from-evaluation-to-grant-signature/eligibility-check_en.htm

⁸ https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

⁹ Project Coordinator: a project coordinator is the individual who leads a Horizon 2020 project. Most often, the project coordinator will organize the consortium, prepare the proposal and manage the project. The coordinator signs the Grant Agreement for his or her organization with the European Commission and other beneficiaries accede to the Agreement. The coordinator is the only authorized representative of the consortium for any communication with the European Commission. https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf (page 15)

// to Be Noted //

Academic/Research Partners:

- *Public and/or private universities and research organisations must have a well-established research support system, for basic or applied research; and*
- *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.*

Indian private R&D performing institutions and Not-for-profit, NGO(s)/VO(s)/Trust(s)/Research Foundations:

- *The Indian private R&D performing institutions and Not-for-profit, NGO(s)/ VO(s)/ Trust(s)/ Research foundations should have experience of at least 3 years in scientific research, teaching, training and extension activities; and must follow research as one of the mandates.*
- *Proof of registration at 'NGO DARPAN' of NITI Aayog (<http://ngodarpan.gov.in/>), Certificate of registration under Society Registration Act, Firm's Memorandum of Association, Registration at Government of India's Public Finance Management System (PFMS) (<https://pfms.nic.in>), Valid SIRO certificate for firm's in-house R&D recognition and audited account statements for the past three years shall be obligatory;*

Industry partners:

- *Should be an Indian Company registered under the Companies Act, wherein 51% (or more) of the ownership/shareholding/partnerships shall be held by resident Indian citizen(s); should be complying with General Financial Rules (GFR), 2017; and*
- *Submission of Certificate of Incorporation issued under Companies Act, Valid SIRO certificate for firm's in-house R&D recognition, Exemption Certificate (as applicable), Firm's Memorandum of Association, registration at Government of India's Public Finance Management System (PFMS) (<https://pfms.nic.in>) and Audited Account Statements for the past three years shall be obligatory.*

Ineligible organisations:

- *Companies headquartered and owned outside India and their subsidiaries in India, or vice versa, are not eligible to receive funding from DBT under this action; and*
- *Research centres and academic organisations headquartered and owned outside India and their subsidiaries in India, or vice versa, are not eligible to receive funding from DBT under this programme.*

2.2 European Entities Eligible to Participate

- Any natural or legal person¹⁰ (e.g. any company, big or small, research organisations, universities, non-governmental organisations, etc.) regardless of their place of residence or establishment in Europe;
- They must possess the operational and financial viability to carry out the research tasks that they propose.

3. FUNDING

3.1 Funding by DBT

DBT will fund the Indian consortium members as per requirement of the project, for the project duration, up to 5 years.

Budget should be commensurate with the essentiality of participation, workload, objectives of the project and cost of participation.

3.1.1 Eligibility for Funding

Budgeted costs of the project to legal entities subject to obligatory fulfilment of eligibility criteria:

- i. DBT will support (Grant-in-aid) 100% of the approved budget costs to the following two categories of organizations:
 - a. Government of India supported or recognised public or private academic institutions or research organisation, and urban or other local bodies;
 - b. Indian private R&D performing institutions and Not-for-profit, NGO(s)/ VO(s)/ Trust(s)/ Research Foundations, having research as one of the imperative mandates

Eligible costs for funding are: Capital expenditure (equipment's) || Manpower || Consumables || Travel (local and international travel) || Contingency || Overheads || Outsourcing || others. (*Academia can factor in additional sub heads (in other category) such as training & awareness; workshops; publications; review meetings, etc. under expenditure based on the requirement of the project*).

ii. Grant-in-aid to Industry:

- a. DBT's support to Industry shall not exceed 50% of the total cost (up to maximum of Rs. 1.5 Crore) proposed by the Industry participant, 50% of the contribution shall mandatorily come from the Industry.
- b. The cost breakup for the DBT component of the proposal shall be: Capital and Manpower costs each not exceeding 30% of the DBT supported project cost; and balance will cover consumables and travel costs. Contingency & overhead costs will not be permissible)
- c. SMEs or Start-ups can be funded up to INR 25.0 lakhs for proof of concept, in which 80% can be Grant-in-aid with the balance to come from SME/ Start-up.

3.1.2 Non-Admissible Cost from DBT

¹⁰ http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/find-partners_en.htm

- i. Regulatory approval fees;
- ii. Prosecution/litigation costs;
- iii. Insurance coverage;
- iv. Salary of investigators;
- v. Capital expenditure for the purchase of assets such as office furniture, motor vehicles, Office equipment viz. desktops, laptops, tablets, cell phones, scanners, printers, photocopy machines, and renovation or extension of facilities such as buildings and laboratories;
- vi. Capital expenditure toward technology(ies), demonstration plants and associated field equipment(s), hardware, software etc. for test and analysis from consortium partner(s) from abroad;
- vii. Expenditure toward rental and utilities;
- viii. International travel to countries other than the one participating within the consortia in a particular call topic of Horizon 2020;
- ix. Mere attendance at conferences/ symposiums/ congresses

3.2 Funding by EU

Funding of European partners is as per Horizon 2020 rules of participation and in function of type of actin [Research and Innovation Action (RIA), Innovation Action (IA) and Coordination and Support Actions (CSA)].

For details, see: http://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-grant-factsheet_en.pdf

// to be Noted //

Contractual arrangements between Indian and European participants

Indian partners are funded by the DBT only, and do not receive funding from Horizon 2020 (neither directly nor indirectly). Therefore, unlike the European partners, they do not have to sign the Grant Agreement (GA) with the European Commission, and are not considered beneficiaries in this GA.

According to Article 14a of the Horizon 2020 General Model Grant Agreement¹¹, successful Indian participants will be named as international partners in the GA. In the GA, international partners must be assigned to a European partner that signs the grant agreement (i.e. a beneficiary). This beneficiary remains responsible towards the Commission for the action tasks performed by its international partners. The Indian participants have to comply with a number of obligations (such as record-keeping obligations on the scientific and technical implementation of the project, maintaining confidentiality, and promoting the action and visibility to the public funding). For this purpose, the participants are deemed to cover these obligations in the consortium agreement or through bilateral agreements between a beneficiary and an Indian partner.

¹¹ An annotated version of this Horizon 2020 General Model Grant Agreement is available through this link https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

// to be Noted //

Ownership, Protection & User rights

IPR legislation and other rules are often crucial for participants in research projects, as they may have a deep influence on the way in which the knowledge can be shared during a project development, and in which project results can be commercially used.

The participants shall jointly develop a Consortium Agreement (CA)¹². The CA is a specific agreement to be concluded between the participants in joint research, defining, among other things, ownership, protection, user rights for research and development purposes, exploitation and dissemination, including arrangements for joint publication, the rights and obligations of visiting researchers and dispute settlement procedures. The CA shall also address foreground and background information, licensing and deliverables. For more information see [Annotated Model Grant Agreement \(Article 14a\)](#)¹¹ and the [guidance on establishing a consortium agreement](#)¹³.

The IPR issues for all the proposals need to satisfy the S&T agreement between EU and India¹⁴

4. PREPARATION OF PROPOSAL

The Indian and European participants must formulate a joint proposal according to the requirements and templates provided by respectively the Horizon 2020 Funding & Tenders Portal format¹⁵ and DBT's administrative and financial requirements. Complying with the formats and templates of Horizon 2020 and DBT for the Indian partners is mandatory.

The Horizon 2020 proposal itself consists of two main parts:

- **Part A: the Administrative Forms** containing general information on the project (title, abstract, and keywords), the consortium (basic administrative data, contact persons, declarations) and the budget overview.
- **Part B: the Technical Annex** containing the detailed description of the planned research and innovation project. The structure is based on the evaluation criteria (cite them here) as provided in the proposal template for a RIA.

In addition to the above, Indian applicants must provide detailed information according to DBT templates ([see Annex 1](#)). These documents shall be added to the Horizon 2020 online proposal as an Annex (see Step 5 in Part B and Annexes).

Further mandatory or optional annexes (e.g. supporting documents for regulatory and ethics issues) required by the call and the given topic, as shown in the submission system.

¹² https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf#page=156

¹³ https://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-guide-cons-a_en.pdf

¹⁴ http://trade.ec.europa.eu/doclib/docs/2003/july/tradoc_113341.pdf

¹⁵ https://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/2018-2020/h2020-call-pt-ria-ia-2018-20_en.pdf

It is essential that the project consortium makes a thorough analysis of the project strengths, weaknesses, opportunities and threats, prior to filling out technical section. It is equally important to address properly all three selection criteria: scientific excellence, impact, quality and efficiency of the implementation.

4.1 Preparation of Budget

The “Project Coordinator” must ensure that the financial budget in the joint proposal to the EU is presented in EUR (€), while the Indian participant(s) must ensure that the budget requested from DBT is presented in Indian Rupees (₹).

The budget submitted by Indian participants to the EU is for indicative purposes; the one submitted to the DBT prevails.

4.1.1 Part A: budget in Euros (€)

- Part A is partially pre-filled with proposal data on: (1) General information, (2) Participants and contacts, (3) Budget; (4) Ethics and (5) call specific questions;
- Each participant (European and Indian) to indicate cost of their action in EUR in **Part A section 3 - Budget for the proposal**.
- The total budget corresponds to the total cost of the project (Column H).

3 - Budget for the proposal

Research & Innovation Action (RIA)

No	Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of sub-contracting/€	(D) Direct costs of providing financial support to third parties/€	(E) Costs of in-kind contributions not used on the beneficiary's premises/€	(F) Indirect Costs / € (=0.25(A+B-E))	(G) Special unit costs covering direct & indirect costs / €	(H) Total estimated eligible costs / € (=A+B+C+D+F+G)	(I) Reimbursement rate (%)	(J) Max EU Contribution / € (=H*I)	(K) Requested EU Contribution/ €
			?	?	?	?	?	?	?	?	?	?	?
1			0	0	0	0	0	0,00	0	0,00	100	0,00	0,00
		Total	0	0	0	0	0	0,00	0	0,00		0,00	0,00

3 - Budget for the proposal			Innovation Action (IA)														
No	Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of sub-contracting/€	(D) Direct costs of providing financial support to third parties/€	(E) Costs of in-kind contributions not used on the beneficiary's premises/€	(F) Indirect Costs / € (=0.25(A+B-E))	(G) Special unit costs covering direct & indirect costs / €	(H) Total estimated eligible costs / € (=A+B+C+D+F+G) BENEFICIARY	(I) Reimbursement rate (%) BENEFICIARY	(J) Max EU Contribution / € (=H*I) BENEFICIARY	(K) Costs of third parties linked to participant THIRD PARTIES	(L) Max EU Contribution / € THIRD PARTIES	(M) Total Costs for BENEFICIARY & THIRD PARTIES (=H+K)	(N) Max EU Contribution / € BENEFICIARY & THIRD PARTIES (=J+L)	(O) Requested EU Contribution / € BENEFICIARY & THIRD PARTIES
			?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
1			0	0	0	0	0	0,00	0	0,00	100	0,00	0	0	0,00	0,00	0,00
	Total		0	0	0	0	0	0,00	0	0,00		0,00	0,00	0,00	0,00	0,00	0,00

// to be Noted //

Indian applicants should indicate “zero” under columns (I), ((J) and (K) concerning EU contribution requested from EU Horizon 2020, since they are not eligible for funding from the Horizon 2020 budget, but will be funded by DBT.

4.1.2 Part B: Indian participants prepare budget (in Rupees) according to DBT requirements and templates

- Indian participants **MUST** submit detailed financial plan in **Indian Rupees (₹)** for duration of the project.
- The detailed Indian financial plan for each Indian participant in the project must be specified according to format provided by DBT in [Annex 1](#): Indian academic partners must use "Budget Format - Academic Partner" (*at para 8.2*) and Indian industry partners must use "Budget Format - Industry Partner" (*at para 8.3*).
- Indian applicants must upload their budget in DBT format on Horizon 2020 application form (see below: Step 5 in Part B and Annexes)

OGIN FUNDING SCHEME CREATE DRAFT PARTIES EDIT PROPOSAL SUBMIT

Step 5

Edit Proposal

H2020-SC1-BHC-2018-2020

USER NAME

TOPIC

TYPE OF ACTION RIA

A.B.C. ACRONYM

DRAFT ID | SEP-210573382

TUE 16 DEADLINE (Brussels Local Time)

1 Closing tomorrow at 17:00

Check Config

Download Part B Templates

Visit our 'How to' user guide

Visit our 'H2020 Online Manual'

Edit Proposals' Forms

In this step you can edit the administrative forms and upload the proposal itself.

WARNING: This proposal contains changes that have not yet been submitted...

Administrative Forms

Edit will open the forms.

edit forms view history print preview

Part B and Annexes

In this section you may upload the technical annex of the proposal (in PDF format only) and any other requested attachments.

Technical Annex Section 1-3	upload		delete	✓	?
Technical Annex Section 4-5	upload		delete	✓	?
Essential information for clinical studies	upload		delete		?
Optional annex 3: Ethics Supporting Document(s)	upload				?

<< Step 4 - Parties validate submit

4.1.3 DBT's budget calculation for Indian participants

Indian participant must ensure that each Indian participant follows budget format proposed by the DBT.

Direct Costs:

- 1) **Manpower cost:** as per the requirements of the project (emoluments will be as per prevailing Gov. of India norms);
- 2) **Mobility of investigator(s) & project staff(s):** for visit(s) and work related to the project to be undertaken by Indian investigator(s) & project staff(s) **in Europe**, the cost of travel and man-days of stay in European countries (i.e. round-trip international travel by economy class, admissible insurances, local transport, boarding and lodging) must be justifiably budgeted by respective Indian organisation for each year, at 8.1, 8.2 and 8.3 (as applicable) of [Annex 1](#).

It is expected that the institution hosting the collaborating investigator(s) & project staff(s) of other consortium participants, shall provide research facility and research resources to

accomplish defined objectives and if required, it can also be reflected in each participant budget adequately.

- 3) **Overhead/Indirect Cost:** overhead expenses payable to institute for Indian partners, up to 10% of the total project cost for educational institutions and up to 8% for laboratories and institutions under central Government Departments/Agencies as per prevailing Gov. of India norms.

//to be noted //

The budget that DBT provides to Indian participants does not cover expenses incurred by the European and other countries' applicants in the consortium.

4.2 Participant(s) Information

It is essential that the Indian partners inform at the proposal preparation stage itself that they will not sign the EU Grant Agreement (GA). They should indicate, however, that they participate as an 'International Partner'.

At the time of online submission of Horizon 2020 proposal, the name of the Indian participant(s) should be included as international partner(s) in Part B of application form (see Section 4.2. of Model Grant Agreement on third parties involved in the project (including use of third party resources)¹⁶.

SECTION 3: REGULATORY AND ETHICAL CONSIDERATIONS (IF APPLICABLE)

1. Research using hazardous microorganisms, genetically engineered (GE) organisms & products thereof for R&D purpose

In India, research using hazardous microorganisms, genetically engineered (GE) organisms & products thereof are governed under Rules, 1989 (Rules for the Manufacture, Use/Import/Export and Storage of Hazardous Micro Organisms/ Genetically Engineered Organisms or Cells) of Environment (Protection) Act, 1986, according to which, necessary intimation/ recommendation/ authorization from concerned Institutional Biosafety Committee (IBSC), Review Committee on Genetic Manipulation (RCGM) & Genetic Engineering Appraisal Committee (GEAC) is obligatory based on type & scale of research operations.

Further guidance on regulatory considerations can be obtained from:

- Guidelines and Handbook for IBSCs, 2011
<http://www.dbtindia.nic.in/wp-content/uploads/9.-Guidelines- Handbook 2011.pdf>
- Regulations and Guidelines on Biosafety of Recombinant DNA Research & Biocontainment, 2017
<http://www.dbtindia.nic.in/wp-content/uploads/Draft-Biosafety-Regulations-and-Biocontainment-Guidelines-2017-FF.pdf>
- Recommendations for Streamlining the Current Regulatory Framework, 2005
http://www.moef.nic.in/divisions/csurv/geac/draftreport_rpharma.pdf

2. Human and Animal Subjects Research

¹⁶ https://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/2018-2020/h2020-call-pt-ria-ia-2018-20_en.pdf

DBT and the European Commission are committed to ensure that projects involving human or animal subjects are protected from research risks in compliance with the rules and policies in respectively the EU and India (ICMR/DBT policies).

All projects recommended for award that involve human or animal subjects will undergo Horizon 2020 ethics review¹⁷ as well as a review by the Indian Bioethics Committees prior to award request.

For information on ICMR policies, please consult:

- National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, 2017
http://www.icmr.nic.in/guidelines/ICMR_Ethical_Guidelines_2017.pdf

India PIs of the consortium should apply to their institutional review boards (IRBs)/ institutional ethics committees (IECs) **at the time of submission of proposal** to obtain necessary bioethics approvals from all involved institutions. If selected, Indian PIs are required to submit proof of their institution's IRB/IECs approval to DBT by no later than 30 November 2019.

3. Authorizations for pre-clinical and/or human clinical trials

While exploring vaccine developmental studies in India, Investigators must satisfy regulatory and ethical provisions adopted under:

- Drugs and Cosmetics Rules, 1945 (as amended from time to time) of Drugs and Cosmetics Act, 1940
- Committee for the purpose of Control and Supervision of Experiments on Animals.
<http://cpcsea.nic.in/Auth/index.aspx>
- Schedule 'Y' of Drugs and Cosmetics Rules, 1945 || Requirements and Guidelines for Permission to Import and/or Manufacture of New Drugs for Sale or to undertake Clinical Trials: http://cdsco.nic.in/html/D&C_Rules_Schedule_Y.pdf
- Guidance for Industry on Preparation of Common Technical Document for Import/Manufacture and Marketing Approval of New Drugs for Human Use (New Drug Application-NDA):
<http://www.cdsco.nic.in/writereaddata/CDSCO-GuidanceForIndustry.pdf>
- Handbook: Good Laboratory Practice (GLP). Quality practices for regulated non-clinical research and development, 2nd ed. Geneva, World Health Organization, 2009 ||
<http://www.who.int/tdr/publications/documents/glp-handbook.pdf>
- Clinical Trials Registry of India (CTRI) - India <http://ctri.nic.in/Clinicaltrials/login.php>

SECTION 4: PROCESS FOR SUBMISSION OF PROJECT PROPOSAL

1. Submission of proposal on Horizon 2020 Funding & Tenders Portal

Proposals must be submitted electronically using the electronic submission system of the Horizon 2020 Funding & Tenders Portal¹⁸. This task is to be done by the designated Project Coordinator.

Access to the electronic submission system is available after selecting a topic and a type of action of a call. Calls have a specific opening and closing date, called "deadline". After that deadline, a submission to the call is no longer feasible. For more information, see [Proposal Submission Service User Manual](#)¹⁹.

¹⁷ http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/ethics_en.htm

¹⁸ <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/h2020>

¹⁹ https://ec.europa.eu/research/participants/data/support/sep_usermanual.pdf

Proposals must be created and submitted by a representative/contact person of the coordinating organization. The electronic submission system is an online wizard that guides you step-by-step through the preparation of your proposal.

As explained above (Section 2 Point 4), a proposal consists of 2 main parts: PART A relating to administrative forms (structured information of the basic administrative data, declarations of partners, organizations and contact persons, etc.) and PART B containing the technical specifications, the detailed description of the planned research and innovation project; outlining work packages, budget and costs, etc..

The documents relating to administrative and financial requirements of Indian applicants should also be part of the Horizon 2020 electronic submission (as an Annex to the complete proposal).

Further mandatory or optional annexes (e.g. supporting documents for regulatory and ethics issues) may be required, as shown in the submission system.

The **H2020 Online Manual**²⁰ provides a detailed step-by-step guide on how to electronically submit the proposal.

2. Submission to DBT of the proposal including budget requested from DBT

The Indian participant(s) must submit the **complete proposal**, Part A + Part B + DBT's administrative and financial form (same as submitted on the Horizon 2020 Funding & Tenders Portal) as one single consolidated PDF file, at latest within three working days after the deadline of each call.

(for example, if the Horizon 2020 call deadline is Tuesday 7 April 2020, the deadline for submitting copy of complete proposal to DBT is at the latest Friday 10 April 2020).

Complete proposal to be submitted to: icone@dbt.nic.in

Please note that the proposal will be disqualified, if not submitted to DBT to above indicated email ID by indicated date. Absence of timely submission or any discrepancy found in the proposal submitted at Horizon 2020 Funding & Tenders Portal and to DBT will result in disqualification from consideration by DBT for funding.

After completion of peer review process, only selected applications will be requested to:

- Submit a duly signed (*by the Lead Scientific Coordinator or Project's India Lead*) and transmitted (*by the Utmost Authority of the organization*) short covering letter introducing the application, along with complete proposal to the concerned DBT contact point.

²⁰ http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/submit-proposals/submission-tool_en.htm

3. Formalities to ensure successful submission to Horizon 2020 Funding & Tenders Portal

- Before submitting a proposal, any applicant (from Europe or India) needs to be registered and validated by the European Commission and obtain for this purpose a Personal Identification Code also called PIC: see registration procedure in [Annex 2](#)).
- Online guidance is also provided on how to fill in the administrative forms (Part A).
- Proposal templates for the technical annex can be downloaded from the system. The technical annex and any additional annexes have to be uploaded as PDF documents.
- The Templates to comply with for DBT requirement are available on DBTs website only.

For more details see:

<https://ec.europa.eu/research/participants/portal/desktop/en/funding/index.html>

FURTHER INFORMATION

Contacts at DBT, New Delhi, India

- Dr Mohd. Aslam, Scientist-'G' and Dr Amit Parikh, Scientist-E' || icone@dbt.nic.in ||

EU Contacts:

- European Commission's "*Research Enquiry Service*":
<http://ec.europa.eu/research/index.cfm?pg=enquiries>
- DELEGATION-INDIA-RI@eeas.europa.eu

ANNEX 1: TEMPLATES FOR ADMINISTRATIVE & FINANCIAL CONSIDERATIONS BY DBT

[This document shall be completed for Indian Investigator(s) by the Lead Scientific Coordinator/ India Project Lead, in consultation and & agreement with the EU Counterparts]

General Instructions:

- *All fields are mandatory*
- *Kindly also read the footnotes and furnish information/ data, accordingly.*
- *Avoid duplication of information & data in submission*
- *All the enclosures shall be searchable with bookmarks to each heading. Scanned enclosures shall not be acknowledged except for page(s) which bear signature(s) on it*
- *All sections of this proforma must be completed. If the space provided is not sufficient, attach additional supporting materials as necessary. Page numbering and headings of any supplementary material must match corresponding sections in filled-in proforma.*
- *Make sure that all investigators shall thoroughly understand the call text, requirements of participation & funding before filling this proforma*
- *Project shall not be pursued if it is incomplete or any of the requirements mentioned herein missing*
- *Project must be written in plain English*

<u>SR. NO.</u>	<u>PARTICULARS</u>
1.0	GENERAL INFORMATION
1.1	Duration of the Project <i>(in months)</i>
1.2	Proposed cost of the project <i>[Cumulative (non-recurring & recurring), as well as segregated project cost proposed for Indian and EU participants In INR]</i>
1.3	Objectives of the proposal <i>(only one liner, must be interdependent, and to be submitted as bullet points NMT 100 words)</i>
1.4	Has this proposal (or a very similar one) been considered/funded in the past 2 years? [--YES/NO--] If Yes , how the present proposal is different from the already considered/funded earlier proposal?
2.0	PARTICIPATING INVESTIGATORS
2.1	Name & designation of Lead Scientific Coordinator/ India Project Lead, Date of Birth, Date of Superannuation & Complete Contact Information <i>(including institutional affiliations, e-mail & cell number)</i>
2.2	Name & designation of Principal Investigator(s) & Co-Principal Investigator(s), Date of Birth, Date of Superannuation & Complete Contact Information <i>(including institutional affiliations, e-mail & cell number)</i>
2.3	Name & designation of Co-Investigator(s), Date of Birth, Date of Superannuation & Complete Contact Information <i>(including institutional affiliations, e-mail & cell number)</i>

	2.4	Name & designation of Project Coordinator from EU & Complete Contact Information <i>(including institutional affiliations & e-mail)</i>
	2.5	Name & designation of Principal Investigator(s) and Co-Principal Investigator(s) from EU & Complete Contact Information <i>(including institutional affiliations & e-mail)</i>
	2.6	Name & designation of Co-Investigator(s) from EU & Complete Contact Information <i>(including institutional affiliations & e-mail)</i>
3		Explicit interdependent OBJECTIVES of <u>each participating organization</u> <i>(NMT 300 words // allocated to Indian and EU counterparts; to be presented as bullet points)</i>
4		WORK DIVISION <i>[NMT 500 words // provide explicit roles, responsibilities & contributions of <u>each investigator</u> (Indian and counterparts from EU) to be involved in this project // Complementarities of participants and extent to which the consortium as a whole brings together the necessary expertise and appropriateness of the allocation of tasks]</i>
5		IMPORTANCE & EXPECTATION <i>(NMT 400 words // Describe briefly the importance of your research for the scientific community, society & the environment, and the impact you expect from the project on research, training and teaching in your field/discipline in short and/or long term // How the project relates to India specific and global aspiration?)</i>
6		CAPACITY BUILDING <i>(NMT 110 words // Provide explicitly projected provisions for capacity building (such as orientation, conceptualization, hands-on training, etc.) for young human resource to be engaged in the project in partnering labs from abroad and vice versa?)</i>
7.0		ETHICAL, SAFETY & STATUTORY REQUIREMENTS
	7.1	Is there any possibility of use of information (in any form) resulting from the proposed work, which may impinge on India's national prestige and/ or security? If yes, the nature of such a use should be indicated. <i>[NMT 50 words]</i>
	7.2	Will any sensitive source material be referred to during the course of the research? [-- YES/NO --] If yes, provide explicit details of the same. <i>[NMT 70 words]</i>
	7.3	Does this collaboration involve <i>(Explicitly highlight the same)</i> a) Use of endangered fauna and/or flora and/or protected areas? [-- YES/NO --] b) Transnational exchange of biological resource(s) and/or material(s)? [-- YES/NO --] c) Use of radioactive materials? [-- YES/NO --] d) Use of elements that may cause harm to the environment, to humans (including research staff), to animals or plants? [-- YES/NO --] e) Use of Genetically Engineered Organisms? [-- YES/NO --] f) Field trials or testing? [-- YES/NO --] g) Pre-clinical and/ or Clinical trials or testing? [-- YES/NO --] h) Ethical considerations? [-- YES/NO --] i) Considerations related to Intellectual Property Rights (IPR)? [-- YES/NO --] j) Collection and/or processing of new and/or previously collected personal data? [-- YES/NO --]

7.3a	<p>If answer to the one or more of the above questions is YES;</p> <p>Are the investigator(s) aware of the relevant regulations (<i>such as CPCB/IBSC/ IASC/ IAE/ IEC/ NBA/ IC-SCR/ CTRI etc.</i>) and have they agreed to abide by them? [-- YES/NO --]</p> <p><i>If YES, provide explicit details of it [NMT 150 words]</i> <i>If NO, provide valid reason(s) to it [NMT 150 words]</i></p>
7.4	<p>Describe the following <i>[NMT 500 words // Kindly note that the IPR issues for each proposal need to be in compliance with the S&T agreement between EU and India]</i></p> <p>a) If-&-how the project results should be protected b) Details of knowhow 'within the consortium' already generated so far c) IPR barriers or relations to others' intellectual properties d) Brief summary of your freedom to operate these IPs during the tenure and beyond the tenure of the project e) Whether methods/interventions chosen give rise to intellectual property disputes or opportunities? If yes, clarify the same explicitly. f) How & what level of "freedom to operate" will be made available for the knowhow and IPs already generated/ existing and to be generated through this grant, to the scientific fraternity in India & world over?</p>
7.5	<p>Are there any other ethics issues that should be taken into consideration? [-- YES/NO --]</p> <p><i>If YES, Please specify [NMT 150 words]</i></p>
7.6	<p>While submitting this grant proposal, you are requested to note the following and upload/ enclose relevant information</p> <p><i>a) In case of Academia (Public and/or private universities and research organisations) submission of proof of establishment under Indian statue; recognition documents and registration at Government of India's Public Finance Management System (PFMS) - https://pfms.nic.in shall be obligatory. (Kindly enclose relevant documents)</i></p> <p><i>b) In case of Indian private R&D performing institutions and Not-for-profit, NGO(s)/ VO(s)/ Trust(s)/ Research foundations;</i></p> <ul style="list-style-type: none"> <i>o should have experience of at least 3 years in scientific research, teaching, training and extension activities; and must follow research as one of the mandates.</i> <i>o Submission of proof of registration at 'NGO DARPAN' of NITI Aayog (http://ngodarpan.gov.in/), Certificate of registration under Society Registration Act, Firm's Memorandum of Association, Registration at Government of India's Public Finance Management System (PFMS) (https://pfms.nic.in), Valid SIRO certificate for firm's in-house R&D recognition and audited account statements for the past three years shall be obligatory; (Kindly enclose relevant documents)</i> <p><i>c) In case of Public or Private Industry;</i></p>

		<ul style="list-style-type: none"> ○ <i>The firm should be an Indian Company registered under the Companies Act, wherein 51% (or more) of the ownership/shareholding/partnerships shall be held by resident Indian citizen(s); should be complying with General Financial Rules (GFR), 2017; and</i> ○ <i>Submission of Certificate of Incorporation issued under Companies Act, Valid SIRO certificate for firm's in-house R&D recognition, Exemption Certificate (as applicable), Firm's Memorandum of Association, registration at Government of India's Public Finance Management System (PFMS) (https://pfms.nic.in) and Audited Account Statements for the past three years shall be obligatory. (Kindly enclose relevant documents)</i> 																																																																																					
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		Contingency						
		Overheads						
		Outsourcing						
		Other (Provide details).....						
		Total						

(N.B: Academia can factor in additional sub heads (in other category) such as training & awareness, review meeting, consultancy charges, field & farm expenses, etc. based on the requirement of the project)

8.3 Details of Industry wise & year wise final budget proposed:
[DBT's support to Industry shall not exceed 50% of the total cost (up to maximum of Rs. 1.5 Crore) proposed by the Industry participant, 50% of the contribution shall mandatorily come from the Industry.

The cost breakup for the DBT component of the proposal shall be: Capital and Manpower costs each not exceeding 30% of the DBT supported project cost; and balance will cover consumables and travel costs. Contingency & overhead costs will not be permissible]

(Rs. In lakhs)

Heads	Contribution from Industry				Contribution from DBT			
	Year I	Year II	Year III...	Total	Year I	Year II	Year III...	Total
Equipment(s)								
Manpower								
Consumables								
Travel								
a. Domestic								
b. International								
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iii. Expenditure for stay of investigator(s) in EU								
iv. Expenditure for stay of project staff(s) (preferably registered PhDs and/or Postdocs) in EU								
c. Subsistence cost for visiting Indian counterpart								

		investigator(s) and/or project staff(s) within India							
		Contingency							
		Outsourcing							
		Other (Provide details).....							
		Total							

8.4 Provide Investigator wise realistic justification for the following:

a) Details of Investigator wise equipment proposed (Rs. In lakhs)

Sr. No.	Name of the Proposed Equipment	Explicit Justification of the Proposed Equipment	Proposed Cost
1			
2			
3...			

I. Enclose a certificate duly forwarded by your Head of Organization stating that proposed equipment(s) are not available in the organization, and not easily accessible to you, for accomplishing proposed research goals. *If required equipment(s) are already available in the institute then explicit justification is to be submitted for requesting another set of the equipment(s).*

II. Provide a list and number of major & minor equipment(s) available in your laboratory, or easily accessible to you, for accomplishing proposed research goals of the project (*To be submitted for each participant investigator*)

b) Manpower details: *[NMT 180 words]*

I. Provide the desired qualification, experience and emoluments of the manpower proposed in the project. *(Justification for the need of each proposed project position must also be given)*

II. In case of desired qualification, experience and emoluments of the manpower proposed in the project is not as per **DST guidelines**, then provide details of the same and compulsorily enclosed the copies of relevant approved guidelines. *(E.g. ICAR/ CSIR/ ICMR/ Institutional guidelines/ Wage norms of State Govt. Labour Department etc).*

c) Consumables budget proposed: *[NMT 200 words]*

d) Contingency budget proposed: *[NMT 150 words]*

e) Travel budget proposed: *(Domestic and international travel should be limited for project purposes only. In case of field visit etc., which are required for collection of samples and/or visit of patients etc., it should be separately mentioned and justified.*

Explicitly clarify the frequency, number and duration of stay for each planned visits to be made by investigator(s) and/or project staff(s) (preferably registered PhDs and/or Postdocs) to European project partners (and vice versa) each year along with the basis for the proposed cost). [NMT 210 words]

		<p>f) Whether any outsourcing work (like genome sequencing, bioinformatics analysis, fabrication, construction, sample analysis, etc.) is involved in the project? [--YES/NO--]</p> <p><i>If yes, please provide the details of the same [NMT 210 words]</i></p> <p>g) Budget proposed under 'Other' category: [NMT 200 words]</p>
9.0		INVESTIGATORS CREDENTIALS
	9.1	<p>Details of ongoing projects with Project Lead; Principal Investigators (PIs & Co-PIs); Co-Investigators (Co-Is) as per the following format (<i>Funded by any funding agency</i>):</p> <p>a) Title of the project: b) Project Keywords: c) Approved Objectives: d) Funding agency: e) Project duration (from-to): f) As (PI/Co-PI/Co-I): g) % of time devoted to each project:</p>
	9.1a	<p>In case of having <u>more than three</u>, ongoing projects in hand (as Project Lead/PI/Co-PI/Co-I), kindly provide explicit justification on how adequate, efficient and effective progress and implementation of project will be ensured?</p>
	9.2	<p>Information for completed projects (<i>funded by any agency in last three years</i>) of Project Lead; Principal Investigators (PIs & Co-PIs); Co-Investigators (Co-Is) as per the following format:</p> <p>a) Title of the project: b) Approved Objectives: c) Funding agency: d) Project duration (from-to): e) As (PI/Co-PI/Co-I): f) Date of Actual Completion</p>
	9.3	<p>Provide in <u>strictly one page</u>, CVs of Indian investigators, having listed (only) the five most important publications & patents of the participating investigators, which have a bearing on the project (<i>Considering the overall page limitations provide the most relevant information only</i>)</p>
10.0		UNDERTAKING & ENDORSEMENTS
	10.1	<p>a) The research work proposed in the scheme/project entitled "....." does not in any way duplicate the work already done or being carried out elsewhere on the subject.</p> <p>b) Certified that above information is true to the best of our knowledge</p> <p>[Name, Signature and Stamp of Project Lead/ Principal Investigator (On behalf of all participating investigators)]</p> <p><i>Forwarded by</i> [Name, Signature & Stamp of Executive Head of Institution/ Organization/ University]</p>

	<p>10.2 Enclose a letter of collaboration and submission of joint proposal (<i>with the project title</i>) from <u>Project Coordinator</u></p>
	<p>10.3 Endorsement by the Head of the Organization: (<i>to be submitted on letter head in support of individual participating investigator of the concerned organization as per the proforma placed below</i>)</p> <p><u>Endorsement by the Head of the Organization</u> <i>To be submitted on letter head in support of individual participating investigator</i></p> <p>Project Title:</p> <p>I. Certified that the institution welcomes participation of Dr. _____ as the Principal Investigator and Dr. _____ as the Principal Co-Investigator or Co-Investigator for the project and that in the unforeseen event of discontinuance by the Principal Investigator, the Principal Co-Investigator will assume the responsibility of the fruitful completion of the project [with due information to the Department of Biotechnology (DBT)].</p> <p>II. Certified that all resources (infrastructure, techno-scientific, administrative, etc.) as per the terms and conditions of the grant, will be extended to investigator(s) throughout the duration of the project.</p> <p>III. Institute assumes to undertake the financial and other management responsibilities of the project.</p> <p>IV. Certified that comprehensive appraisal pertaining to administrative, financial, ethical, regulatory & statutory requirements has been made towards participation of this organization through this project, beforehand.</p> <p>V. We thoroughly understood the modalities of participation & funding, and shall abide to it.</p> <p>VI. We hereby commit to obtain all applicable (central & state) environmental, regulatory & statutory as well as local governmental authorizations, prior to the commencement of site development activities.</p> <p>VII. We agree to accept the terms and conditions of Department of Biotechnology, Govt. Of India.</p> <p>VII. The details & information given in the project proposal are true & factual.</p> <p>Date: _____</p> <p>Place: _____</p> <p style="text-align: right;">Name & Signature with stamp of Head of the Organization</p>

ANNEX 2: HOW TO USE AND ACCESS HORIZON 2020 PORTAL AND FORMALITIES

1. How to Participate:

<https://ec.europa.eu/research/participants/portal/desktop/en/funding/index.html>

By selecting the “How to Participate” tab on the Horizon 2020 Funding & Tenders Portal “Home” page, researchers and innovators are directed to a page that provides easy access and instructions for using key parts of the portal (see screen shot below):

- Create an Account
- Register an Organization
- Find Partners
- Find a Call for Proposals
- Submit a Proposal



2. Online Manual and Reference Documents

http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm

From the page below, researchers and innovators can access the comprehensive user-friendly Online Manual (see screen shot below) and reference documents for all parts of Horizon 2020.



3. Support

The “Support” tab on the Horizon 2020 Funding & Tenders Portal “Home” page provides access to the Horizon 2020 Helpdesk, the IT Helpdesk, a Glossary of Terms and FAQs as well as links to support organizations such as Horizon 2020 National Contact Points (NCPs) and the Enterprise Europe Network (EEN).

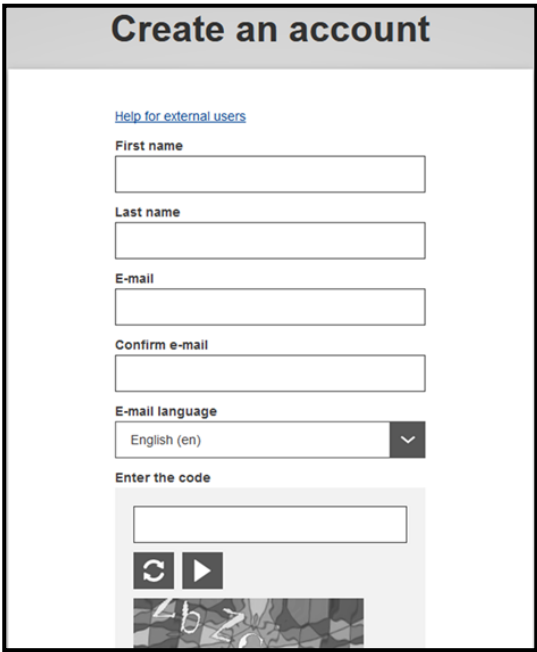
4. Opening an Account

A. Individuals: European Commission Authentication Service (ECAS)

<https://webgate.ec.europa.eu/cnpn/public/ecas-create.cfm>

To enter the secure area in Horizon 2020 Funding & Tenders Portal, a person must first open an account with the European Commission Authentication Service (ECAS). The service acts as a firewall for the Horizon 2020 Funding & Tenders Portal. Anyone may establish an account with ECAS and enter the Horizon 2020 Funding & Tenders Portal. There is no limit on the number of individual accounts that can be affiliated with a given organization.

To open an ECAS account, select “Register” on the home page of the Horizon 2020 Funding & Tenders Portal (see screen shot above) and enter the information required (username and email address). A password will be sent to your email address within minutes. Return to the home page of the Horizon 2020 Funding & Tenders Portal and select “Login.” You will be directed to the page in the screen shot below. When prompted to indicate a user “Domain,” select “External” to indicate that you are not a Commission employee. Use the new password to gain access to the Horizon 2020 Funding & Tenders Portal. This is the main gateway for registered people and organizations to the Portal.



Create an account

[Help for external users](#)

First name

Last name

E-mail

Confirm e-mail

E-mail language
English (en)

Enter the code

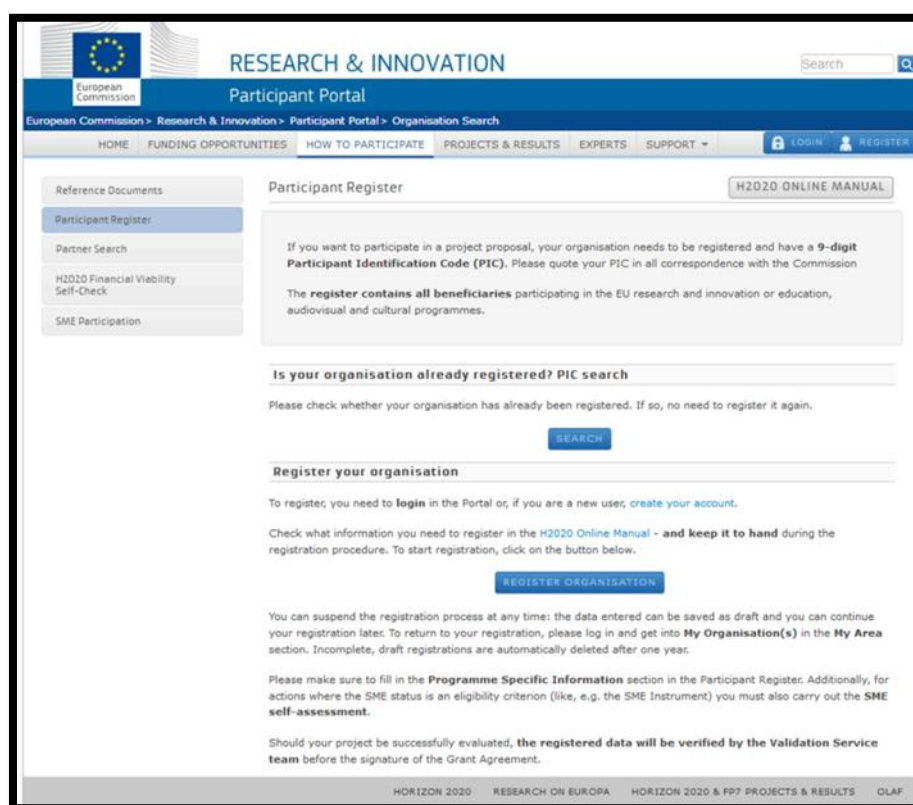
Once logged into the Horizon 2020 Funding & Tenders Portal, one should complete the user account by identifying the organizations and/or proposals and projects with which they are associated and then establishing their role or roles in these.

B. Registering an Organization (Legal Entity) || Participant Information Code (PIC)

https://ec.europa.eu/research/participants/portal4/desktop/en/organisations/register_sec.html

To participate in a Horizon 2020 project, a researcher must be registered as legal entity at the Horizon 2020 Funding & Tenders Portal of the European Commission. Once registered, organizations receive a unique nine digit “Participant Identification Code” (PIC) that is required for any organisation to submit a proposal. The Commission will use the PIC in all interactions with the organization and associated researchers.

If an organization has previously signed an EU Framework Programme Grant Agreement, it already has a PIC. If this is the case, then a researcher should contact the appropriate person or office within the organization (e.g. Office of Research Services, Office of International Research) to obtain the PIC. Alternatively, they can query the online PIC database by selecting the “Beneficiary Register” in the Horizon 2020 Funding & Tenders Portal (highlighted in blue on the left side in the screen shot below) or by following the link above.



If an organization does not have a PIC, it must obtain one by registering in the Organization Register. It is hosted within the Horizon 2020 Funding & Tenders Portal and can be accessed by selecting “Beneficiary Register.” To complete the registration, information regarding the legal status and finances of the organization will be required. If it is not possible to complete the registration in one session, the information may be saved and re-opened by selecting “My Organizations” in the Horizon 2020 Funding & Tenders Portal (highlighted in dark blue on the left side in the screenshot above). Once complete, a provisional PIC will be provided electronically within 48 hours.

Please note that, only if a proposal is successful, the European Commission will proceed with the validation of all information in the Organization Register, and provide a definitive PIC.

ANNEX 3: FINDING PARTNERS

The starting point is to consider partners with whom you already have direct or indirect connections. As participation in a Horizon 2020 call requires an interdisciplinary and/or inter-sectoral approach for

a challenge to be addressed appropriately, it may become necessary to look for partners outside the usual circle of contacts.

Hereunder you will find a list of European services that assist in finding the right partners:

Partner search tools	
Expressed Interest	Horizon 2020 Funding & Tenders Portal: search by call topics where organisations have participated or expressed interest in participating in the future.
euMatch 2.0	Partner Search and Matchmaking platform to find partners and project initiatives to participate in H2020 supported health related projects.
Funding & Tender Opportunities partner search platform	Search among partners of existing projects.
Enterprise Europe Network cooperation opportunities database	Includes both business and technology offers and requests.
Social media	
LinkedIn group "Environment projects & partner search - EASME"	In particular for applicants for Horizon 2020 and LIFE projects
Partnering events	
Information Days on upcoming calls	DG RTD occasionally organises information and networking days in Europe. Details of these events will be available online and will be distributed through the National Contact Point Network of the countries having appointed such contact point (India has no NCPs). Info about the last Info Day webinar is available here
Information days & networking events in India	DBT and the Delegation of the European Union to India will be organising networking events in a number of cities in India. Details of these events will be available on website of DBT: http://www.dbtindia.nic.in/events/ and of EU Delegation to India: https://eeas.europa.eu/delegations/india_en
Brokerage events organised by the Enterprise Europe Network	Often back-to-back with key trade fairs and conferences.
National Contact Points	
National Contact Points	Personalised support & assistance in partner search in applicants' respective countries.
Euraxess India	Partnering tools for Horizon 2020 calls.
Databases of previous and ongoing projects	
CORDIS project database	Projects funded under Horizon 2020 as well as previous research framework programmes.
Horizon 2020 SME Instrument	Innovation by small and medium-sized companies in the fields of eco-innovation & sustainable supply of raw materials, and environment & climate action.