

MODALITIES OF PARTICIPATION AND FUNDING

PARTICIPANTS FROM INDIA

The participating entities/organizations from India have to be a legal entity as per Indian law (Indian applicants).

The Indian entities eligible to participate include:

- Government of India supported or recognized (Public or Private) academia; research; organizations and urban or other local bodies;
- Government of India recognized not-for profit NGO(s)/VO(s) Trust(s)/Research foundations, having research as on the imperative mandates

ELIGIBILITY CRITERIA

Academic/Research Partners:

- Public and/or private universities and research organizations 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.

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 obligatory¹.

<http://www.dsir.gov.in/#files/tpdup/irdpp/SIRO-revised-guidelines.html>

¹The Department of Scientific and Industrial Research (DSIR), Government of India is the nodal government department for granting recognition to non-commercial Scientific & Industrial Research Organisations (SIROs). The functional SIRO having clearly stated objectives of undertaking scientific research, broad based Governing Council, Research Advisory Committee, research personnel, infrastructure facilities for research, well defined, time bound research programs and clearly stated objectives of undertaking scientific research are considered eligible for recognition by DSIR.

Ineligible Organizations:

- 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.

Consortium:

- 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.
- In case there is more than one Indian participant in a given proposal 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.
- In case there is only one Indian participant in a given proposal it is advised that the Indian participant should include one Co-Principal Investigator in the proposal.

FUNDING SUPPORT BY DBT

DBT will fund the Indian consortium members as per requirement of the project, for the project duration, upto 2 years. Budget should be commensurate with the essentiality of participation, work load and objectives of the project and cost of participation.

Eligibility for Funding:

Budgeted cost of the project to legal entities subject to obligatory fulfillment to eligibility criteria.

DBT will support (Grant-in-aid) 100% of the approved budget cost 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; workshops; publications; review meetings, etc. under expenditure based on the requirement of the project*).

Funding Instruments/Items**(Rs. in lakhs)**

Head	Year1	Year2	Year3	Total
A.Non-recurring				
1.Equipment				
TotalA				
B.Recurring				
1.Consumables				
2.Manpower (JRF/SRF/RA/TA)				
3.Travel(both Domestic and International for Project purpose)				
4.Contingency				
5.Overheads–as per DBT norms				
6.Outsourcing				
7.Others				
TOTALB				
TOTAL(A+B)				

Important Notice: This budget table should be made for each Indian participating/applicant partner. Details and Justification should be provided for each head.Equipment cost should not exceed 30 per cent of totalprojectcost.

Non-AdmissibleCostfromDBT:

- i. Regulatory approval fees;
- ii. Prosecution/litigationcosts;
- 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 offacilities such as buildings and laboratories;
- vi. Capitalexpenditure towardtechnology(ies),demonstrationplantsandassociatedfieldequipment(s), hardware, software etc. for test and analysis from consortium partner(s) from abroad;
- vii. Expenditure toward rental and utilities;
- viii. Internationaltraveltocountriesotherthantheoneparticipatingwithintheconsortiaainaparticular call;
- ix. Mere attendance at conferences/symposiums/congresses

REGULATORY,ETHICAL, SAFETY&STATUTORYCONSIDERATIONS(IFAPPLICABLE)**i) Research Using Hazardous Microorganisms, Genetically Engineered (GE)Organisms & Products there off or R&D Purpose:**

In India, research using hazardous microorganisms, genetically engineered (GE) organisms & products there of 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 consideration can be obtained from:

- Guidelines and Hand book 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-andBiocontainment-Guidelines-2017-FF.pdf>
- Recommendations for Streamlining the Current Regulatory Framework, 2005 http://www.moef.nic.in/divisions/csurv/geac/draftreport_rpharma.pdf

ii) Human and Animal Subjects Research:

DBT and DLT-PT are committed to ensure that projects involving human or animal subjects are protected from research risks in compliance with the rules and policies in respective countries (ICMR/DBT policies).

All projects recommended for award that involve human or animal subjects will undergo 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 bioethics 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 before start of project.

CONSORTIUM AGREEMENT

The participants shall enter into a Project Agreement. The Project Agreement shall include the Participants' mutual commitments, conditions concerning rights to foreground and background information and other issues of significance to the cooperation. The project Agreement shall be consistent with each funding organization's terms and conditions for grants for funding (foreground and background information refer to IPR).

INTELLECTUAL PROPERTY RIGHTS

The IPR arising from cooperative activities under this working Programme shall be regulated in accordance with the relevant laws of the two countries.

With respect to any invention or discovery made or conceived in a joint venture in the course of the execution of the cooperation, the Parties agree that ownership, title and patent rights as well as other rights accruing shall be handled according to the agreement signed by the participants in that specific joint venture.

All details shall be settled amicably by consultation or negotiation between the participants in each specific case of joint venture.

OTHER DOCUMENTS:

PI, whose project is recommended by Expert Committee after peer review for funding, will have to submit necessary documents such as detailed checklist, IPR arrangement, approvals of necessary authority such as ICMR, National Biodiversity authority, DBT, NBPGR etc as the case may be, and any other documents required by DBT.

HOW TO APPLY:

For the sub theme (Agritech and Food Security; Health, Post COVID Health Issues and Long COVID: please apply through this link; <https://dbtepromis.nic.in/Login.aspx>

Steps for submission:

- a. Please login to eProMIS account (<https://dbtepromis.nic.in/Login.aspx>)
- b. Go to International Cooperation-Bilateral Programs area
- c. Open Call link for Indo-Canada IC-IMPACT Joint Call on Building resilient and carbon-neutral communities post COVID
- d. Submit proposal