

BRICS STI Framework Programme
5th coordinated call for BRICS multilateral projects 2021

Part 2 of National Annexure

1. GOAL OF BRICS COORDINATED CALL:

The BRICS STI Framework Programme aims to support excellent research on priority areas that can best be addressed by a multinational approach. The initiative should facilitate cooperation among the researchers and institutions in the consortia which consist of partners from at least three of the BRICS countries.

2. FUNDING AGENCIES:

Following research funding organizations from the BRICS countries have agreed to support BRICS Call:

- **Brazil:**
National Council for Scientific and Technological Development (CNPq)
- **Russia:**
Foundation for Assistance to Small Innovative Enterprises (FASIE)
Ministry of Science and Higher Education (MSHE)
- **India:**
Department of Biotechnology (DBT), Ministry of Science and Technology
Department of Science and Technology (DST), Ministry of Science and Technology
- **China:**
Ministry of Science and Technology (MOST)
National Natural Science Foundation of China (NSFC)
- **South Africa:**
Department of Science and Innovation (DSI)
National Research Foundation (NRF)
South African Medical Research Council (SAMRC)
Technology Innovation Agency (TIA)
Water Research Commission (WRC)

3. Aim of the Joint Call and Thematic areas

To support collaborative multilateral basic, applied or innovation research projects in the following thematic areas can be submitted in response to the call

- 1) Transient astronomical events and Deep Survey science;
- 2) Antimicrobial resistance: technologies for diagnosis and treatment;
- 3) Simulation and big data analytics for advanced precision medicine and public healthcare;
- 4) High Performance Computing (HPC) and BigData for Sustainable Development: Solving Large Scale Ecological, Climate and Pollution problems;
- 5) Innovation and entrepreneurship on Photonic, Nano-photonics and metamaterials for addressing bio-medicine, agriculture, food industry and energy harvesting issues;
- 6) Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues;
- 7) Renewable energy, including smart grid integration;

- 8) Ocean and polar science and technology;
- 9) Water treatment technology;
- 10) Research in aeronautics and aerospace

4. ELIGIBILITY CRITERIA:

Eligible Indian partners can be Legal Scientific research entities from public/private academic institutions, national R&D laboratories, R&D entities having recognition as a Scientific and Industrial Research Organisation (SIRO) by the Department of Scientific and Industrial Research under the scheme on Recognition of Scientific and Industrial Research Organisations (SIRO), 1988. The scientific R&D performing Indian industry may participate voluntarily in this call with participating Indian industry investing its own resources or come in collaboration with research/academic organization, but by investing their own resources.

Consortium: A joint proposal will comprise of at least one PI from each of the participating countries, and a project coordinator or the leading PI acting as the overall project coordinator. Project consortia should consist of partners from at least three BRICS countries. All applicants must fulfil their respective national eligibility rules for research grant applications.

5. Funding Support (DST/DBT)

5.1 Maximum Indian support for each Project: Upto Indian Rupees Rs. 2.0 crore approx with full justification of budget heads for 2/3 years duration subject to obligatory fulfilment of eligibility criteria. The project duration should match-up with the durations of all partner countries.

5.2 Funding instruments (as per DST/DBT guidelines)

Head	Year 1	Year 2	Year 3 (in case the project is of three-year duration)	Total
Equipment (maximum limit upto 30% of budget) (list of proposed equipment should be given with due justification)				
Consumables Cost: (as essential for collaborative work DST/DBT will fund such requirement of Indian project partners only)				
Manpower Cost: Junior Research Fellow (JRF)/ Senior Research Fellow(SRF)/ Research Associate (RA). (Emoluments will be as per DST OM No. SR/S9/Z-08/2018 dated January 30, 2019 and as revised time-to-time)				
Mobility of scientists/research fellows (for one to two weeks as per project requirement): (Visits of Indian Scientist to BRICS countries' collaborating institutes for project work and national travel for project related work) (overseas travel cost includes cheapest international economic class fare through shortest route, boarding & lodging), Visa fees, overseas medical insurance premium for the duration of stay				

(Break-up of Domestic & International travel to be provided separately)				
Contingency as per DST/DBT norms				
Overhead Charges (As per DST/DBT norms): Overhead expenses payable to institute for Indian partners				
Total Cost				
Admissible Cost requested from DST/DBT				

Important Notice: This budget table should be made for each Indian participating/applicant partner. Details and justification should be provided for each head.

5.3 Non-Admissible Cost:

- i. Regulatory approval fees;
- ii. Prosecution/litigation costs;
- iii. Any kind of 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;
- ix. Mere attendance at conferences/ symposiums/ congresses other than project work

6. Other Documents:

PI, whose project is recommended by Expert Committee after peer review for funding, will have to submit necessary documents such as Checklist, IPR arrangement, approvals of necessary authority such as ICMR, National Biodiversity Authority, Institutional Ethical Committee(IEC), Institutional Biosafety Committee (IBSC) Review Committee on Genetic Manipulation (RCGM), Genetic Engineering Appraisal Committee (GEAC) and approval for pre-clinical and or human clinical trials etc. as the case may be, and any other documents required by DST/DBT.

7. GENERAL GUIDELINES FOR BUILDING BRICS MULTILATERAL PROJECTS- BRICS CALL 2021:

- a) The applicants to clearly define project goals along with timelines that could be achieved within project duration (i.e. 2/3 years).
- b) Outcome/deliverables need to be specified
- c) The applicants need to provide short account of on-going bilateral/multilateral projects with BRICS Member States and BRICS countries at large, if any. This is required to determine the essentiality/redundancy of India-BRICS countries and the genuine need for applying for grants under the present coordinated Call for BRICS.
- d) The proposals should clearly bring out novelty and innovation component vis-à-vis global scenario
- e) Scientific and technological benchmarks.
- f) The proposal should elaborate linkages proposed to be developed amongst various project consortium partners for optimization of time and achievement of deliverables

- g) The project managements, milestones, quantitative parameters for monitoring and internal monitoring systems/ procedures need to be spelt out
- h) The proposal should bring out industrial partner's (if any) commitment for taking forward successful solution for wider applications.
- i) The proposal should clearly demonstrate a balanced participation of BRICS partners with properly integrated research activities and complementary roles.
- j) The IPR sharing will be governed by national domestic laws and under the framework of BRICS STI MoU and/or India bilateral S&T Agreement with BRICS Countries as applicable. The Indian PI along with other BRICS partner will have to submit an IPR sharing arrangement, technical annex document and Consortium Agreement, in case, the proposal is finally selected for funding support.
- k) Selected PROJECT PI will have to submit necessary documents such as check list, IPR arrangement, approvals of necessary authority such as ICMR, National Biodiversity Authority, Institutional Ethical Committee (IEC), Institutional Biosafety Committee (IBSC) Review Committee on Genetic Manipulation (RCGM), Genetic Engineering Appraisal Committee (GEAC) and approval for pre-clinical and or human clinical trials etc as the case may, and any other documents required by DST/DBT

8. PROCESS FOR SUBMISSION OF National application of JOINT R&D PROJECT PROPOSALS to national funding agency:

8.1 The shortlisted pre-proposals has been published on <http://ams.rfbr.ru/BRICS>. The same has been enlisted at annex IV.

8.2 Submission of National Application by the Lead Project Investigator (whose proposal has been shortlisted as per point. 8.1) has to submit the National Application to their funding agency in their respective country in the prescribed Format on or before closing date. Please note that the closing date in different BRICS country may vary. In India single National Application must be submitted online ONLY at DST's Electronic Project Management System (e-PMS) <https://onlinedst.gov.in> until **31th March, 2022** in the prescribed format alongwith other necessary documents. *No hard copy will be accepted.*

Note: This is additional requirement in each participating countries. Please ensure that your collaborators have also submitted the national document in their respective countries

Last date for Receipt of Applications:

*Online National Application must be submitted by **31^h March, 2022** after which the web-link will be AUTOMATICALLY disabled.*

PLEASE NOTE:

- i. Applications submitted to the Call Secretariat by any method other than through online submission form such as post, fax or telex will be rejected.
- ii. Incomplete or wrongly filled up application format application lacking essential documents will be summarily rejected. Any legal proceedings in respect to any matter of claim or dispute arising out of this advertisement and / or application can be lodged only in delhi courts/tribunals/ forums and Delhi courts/ tribunal/ forums only shall have the sole and exclusive jurisdiction to try any case/dispute.

- iii. Proposal submitted through e-mail will not be entertained. Submission of proposals other than the prescribed format shall summarily be rejected without any further processing as per program norms.

Contact Information

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List of Documents Required for Online Submission:

The following documents may be prepared by Indian PI and uploaded on the DST Portal www.onlinedst.gov.in. The requisite formats are listed below.

- a) Biodata
- b) Certificate from Investigator(s) [annexure I]
- c) Endorsement from the Head of Institution (on letter head) [annexure II]
- d) Conflict of Interest [annexure III]
- e) Complete Proposal (1pdf file and 1Doc file) as indicated in online portal

FORMAT FOR BRICS CALL FOR PROPOSAL APPLICATION

JAF No. _____

1. **Title/Name of the Project (Acronym):**
2. **Thematic Area:**
3. **Duration of the Project:**
4. **Project Partners' and Co-Investigators details (Name/Designation and Contact Details including Mobile no. and email id.) India Brazil Russia China South Africa**
5. **Aims/objectives of the project (in bullets):**
6. **State of the Art of knowledge, process, technology, product, services.**
7. **Relevance of the project proposal in BRICS and global context.**
8. **Harmony of the project proposal with India's National Missions program in related areas or inter-disciplinary areas.**
9. **Methodology**
10. **Deliverables (quarterly):**
11. **Target vis-a-vis Technological Benchmark:**
12. **Potential application areas:**
13. **Roles and responsibilities of each BRICS partnering institution** (please indicate objective wise distribution of work)
14. **Gain or Value addition from International collaboration in terms of technology and expertise expected from BRICS partners**
15. **Budget requirement from the Indian side** (Maximum Indian support for each Project: up to Indian Rupees Rs. 1-2 crore approx. for 2/ 3 years duration):

Head	Year 1	Year 2	Year 3 (in case the project is of three-year duration)	Total
Equipment (maximum limit upto 30% of budget) (list of proposed equipment should be given with due justification)				
Consumables Cost: (as essential for collaborative work DST/DBT will fund such requirement of Indian project partners only)				
Manpower Cost: Junior Research Fellow (JRF)/ Senior Research Fellow(SRF)/ Research Associate (RA).				

(Emoluments will be as per DST OM No. SR/S9/Z-08/2018 dated January 30, 2019 and as revised time-to-time)				
Mobility of scientists/research fellows (for one to two weeks as per project requirement): (Visits of Indian Scientist to BRICS countries' collaborating institutes for project work and national travel for project related work) (overseas travel cost includes cheapest international economic class fare through shortest route, boarding & lodging), Visa fees, overseas medical insurance premium for the duration of stay (Break-up of Domestic & International travel to be provided separately)				
Contingency as per DST/DBT norms				
Overhead Charges (As per DST/DBT norms): Overhead expenses payable to institute for Indian partners				
Total Cost				
Admissible Cost requested from DST/DBT				

Important Notice: This budget table should be made for each Indian participating/applicant partner. Details and Justification should be provided for each head

16. While submitting this grant proposal, you are requested to note the following and upload/enclose relevant information

- a) In case of Academia (Public and/or private universities and research organizations) 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. (Kindly enclose relevant documents)
- b) In case of 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.
 - 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 inhouse R&D recognition and audited account statements for the past three years shall be obligatory; (Kindly enclose relevant documents)

17. Checklist for Ethical, Safety & Statutory Requirements

- 17.1 Is there any possibility of the 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 use should be indicated (not more than 50 words)
 - 17.1.1 Will any sensitive source material be referred to during the research? [-YES/NO --] If yes, provide explicit details of the same. [not more than 70 words]
 - 17.1.2 Does this collaboration involve

- 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 --]

If the answer to one or more of the above questions is YES; Are the investigator(s) aware of the relevant regulations (such as CPCB/ IBSC/ IASC/ IAEC/ IEC/ NBA/ IC - SCR/ CTRI etc.) and have they agreed to abide by them? [-- YES/NO --]

If Yes, provide explicit details of it [not more than 150 words] If No, provide a valid reason(s) to it [not more than 150 words]

18. Describe the following [in not more than 500 words || Kindly note that the IPR issues will be governed by the national domestic laws and under the framework of BRICS STI MoU and/or India bilateral S&T Agreement with BRICS Countries as applicable.]

- 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) summary of your freedom to operate these IPs during the tenure and beyond the tenure of the project
- e) Whether methods/interventions chosen to 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 &the world over

19. List of facilities being extended by parent institution(s) for the project implementation- a) Infrastructural Facilities b) Equipment available with the Institute/ Group/ Department/ Other Institutes for the project

20. One-page CV of all Lead Principal Investigators of BRICS countries including a list of recent publications relevant to the topic of the project proposal submitted (Indian Partners to indicate the date of superannuation also).

21. Brief layman summary and technical summary in not more than 3-4 lines each with infographics if possible.

22. Budget requested from DBT or DST

*End of the Application Format *

Annexure I

Certificate from the Investigator

Project Title:

1. I/ We agree to abide by the terms and conditions of the DST/DBT research grant.
2. I/ We did not submit the project proposal under consideration elsewhere for financial support.
3. I/ We have explored and ensured that equipment and basic facilities (enumerated at Point 16) will actually be available as and when required for the purpose of the projects. I/We shall not request financial support under this project, for procurement of these items.
4. I/ We undertake that spare time on permanent equipment made available to other users.
5. I/We have enclosed the following documents uploaded online portal.
 - i) Biodata of all Lead PIs.
 - ii) Certificate from Investigator(s)
 - iii) Endorsement from the Head of Institution (on letter head)
 - iv) Conflict of Interest
 - v) Complete Proposal (1pdf file and 1Doc file)

Name of PI and Signature

Date:

Place:

Endorsement from the Head of Institution

(To be given on letter head)

Project Title:

1. Certified that the Institute welcomes participation of Dr_____ as the Principal Investigator and Dr_____ as the Principal 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 DST/DBT).
2. Certified that the equipment and other basic facilities as enumerated at Point 16 and such other administrative facilities as per terms and conditions of the grant, will be extended to the investigator(s) throughout the duration of the project.
3. Institute assumes to undertake the financial and other management responsibilities of the project.

Name and Signature of Head of Institution

Date:

Place:

DEPARTMENT OF SCIENCE AND TECHNOLOGY POLICY ON CONFLICT OF INTEREST FOR REVIEWER & COMMITTEE MEMBER or APPLICANT or DST/DBT OFFICER ASSOCIATED/ DEALING WITH THE SCHEME/ PROGRAM OF DST/DBT

Issues of Conflicts of Interest and ethics in scientific research and research management have assumed greater prominence, given the larger share of Government funding in the country's R & D scenario. The following policy pertaining to general aspects of Conflicts of Interest and code of ethics, are objective measures that is intended to protect the integrity of the decision making processes and minimize biasness. The policy aims to sustain transparency, increase accountability in funding mechanisms and provide assurance to the general public that processes followed in award of grants are fair and nondiscriminatory. The Policy aims to avoid all forms of bias by following a system that is fair, transparent and free from all influence/ unprejudiced dealings, prior to, during and subsequent to the currency of the programme to be entered into with a view to enable public to abstain from bribing or any corrupt practice in order to secure the award by providing assurance to them that their competitors will also refrain from bribing and other corrupt practice and the decision makers will commit to prevent corruption, in any form, by their officials by following transparent procedures. This will also ensure a global acceptance of the decision making process adopted by DST/DBT.

Definition of Conflict of Interest:

Conflict of Interest means "any interest which could significantly prejudice an individual's objectivity in the decision making process, thereby creating an unfair competitive advantage for the individual or to the organization which he/she represents". The Conflict of Interest also encompasses situations where an individual, in contravention to the accepted norms and ethics, could exploit his/her obligatory duties for personal benefits.

1. Coverage of the Policy:

- a) The provisions of the policy shall be followed by persons applying for and receiving funding from DST/DBT, Reviewers of the proposal and Members of Expert Committees and Programme Advisory Committees. The provisions of the policy will also be applicable on all individuals including Officers of DST/DBT connected directly or indirectly or through intermediaries and Committees involved in evaluation of proposals and subsequent decision making process.
- b) This policy aims to minimize aspects that may constitute actual Conflict of Interests, apparent Conflict of Interests and potential Conflict of Interests in the funding mechanisms that are presently being operated by DST/DBT. The policy also aims to cover, although not limited to, Conflict of interests that are Financial (gains from the outcomes of the proposal or award), Personal (association of relative / Family members) and Institutional (Colleagues, Collaborators, Employer, persons associated in a professional career of an individual such as Ph.D. supervisor etc.)

2. Specifications as to what constitutes Conflict of Interest.

Any of the following specifications (non-exhaustive list) imply Conflict of Interest if,

- (i) Due to any reason by which the Reviewer/Committee Member cannot deliver fair and objective assessment of the proposal.

- (ii) The applicant is a directly relative# or family member (including but not limited to spouse, child, sibling, parent) or personal friend of the individual involved in the decision making process or alternatively, if any relative of an Officer directly involved in any decision making process / has influenced interest/ stake in the applicant's form etc.
- (iii) The applicant for the grant/award is an employee or employer of an individual involved in the process as a Reviewer or Committee Member; or if the applicant to the grant/award has had an employer-employee relationship in the past three years with that individual.
- (iv) The applicant to the grant/award belongs to the same Department as that of the Reviewer/Committee Member.
- (v) The Reviewer/Committee Member is a Head of an Organization from where the applicant is employed.
- (vi) The Reviewer /Committee Member is or was, associated in the professional career of the applicant (such as Ph.D. supervisor, Mentor, present Collaborator etc.)
- (vii) The Reviewer/Committee Member is involved in the preparation of the research proposal submitted by the applicant.
- (viii) The applicant has joint research publications with the Reviewer/Committee Member in the last three years.
- (ix) The applicant/Reviewer/Committee Member, in contravention to the accepted norms and ethics followed in scientific research has a direct/indirect financial interest in the outcomes of the proposal.
- (x) The Reviewer/Committee Member stands to gain personally should the submitted proposal be accepted or rejected.

The Term "Relative" for this purpose would be referred in section 6 of Companies Act, 1956.

3. Regulation:

The DST shall strive to avoid conflict of interest in its funding mechanisms to the maximum extent possible. Self-regulatory mode is however recommended for stake holders involved in scientific research and research management, on issues pertaining to Conflict of Interest and scientific ethics. Any disclosure pertaining to the same must be made voluntarily by the applicant/Reviewer/Committee Member.

4. Confidentiality:

The Reviewers and the Members of the Committee shall safeguard the confidentiality of all discussions and decisions taken during the process and shall refrain from discussing the same with any applicant or a third party, unless the Committee recommends otherwise and records for doing so.

5. Code of Conduct

5.1 To be followed by Reviewers/Committee Members:

- (a) All reviewers shall submit a conflict of interest statement, declaring the presence or absence of any form of conflict of interest.
- (b) The reviewers shall refrain from evaluating the proposals if the conflict of interest is established or if it is apparent.
- (c) All discussions and decisions pertaining to conflict of interest shall be recorded in the minutes of the meeting.
- (d) The Chairman of the Committee shall decide on all aspects pertaining to conflict of interests.

- (e) The Chairman of the Committee shall request that all members disclose if they have any conflict of interest in the items of the agenda scheduled for discussion.
- (f) The Committee Members shall refrain from participating in the decision making process and leave the room with respect to the specific item where the conflict of interest is established or is apparent.
- (g) If the Chairman himself/herself has conflict of interest, the Committee may choose a Chairman from among the remaining members, and the decision shall be made in consultation with Member Secretary of the Committee.
- (h) It is expected that a Committee member including the Chair-person will not seek funding from a Committee in which he/she is a member. If any member applies for grant, such proposals will be evaluated separately outside the Committee in which he/she is a member.

5.2 To be followed by the Applicant to the Grant/Award:

- (a) The applicant must refrain from suggesting referees with potential Conflict of Interest that may arise due to the factors mentioned in the specifications described above in Point No. 2.
- (b) The applicant may mention the names of individuals to whom the submitted proposal should not be sent for refereeing, clearly indicating the reasons for the same.

5.3 To be followed by the Officers dealing with Programs in DST/DBT:

While it is mandatory for the program officers to maintain confidentiality as detailed in point no. 6 above, they should declare, in advance, if they are dealing with grant applications of a relative or family member (including but not limited to spouse, child, sibling, parent) or thesis/ post-doctoral mentor or stands to benefit financially if the applicant proposal is funded. In such cases, DST/DBT will allot the grant applications to the other program officer.

6. Sanction for violation

6.1 For a) Reviewers / Committee Members and b) Applicant

Any breach of the code of conduct will invite action as decided by the Committee.

6.2 For Officers dealing with Program in DST/DBT

Any breach of the code of conduct will invite action under present provision of CCS (conduct Rules), 1964.

7. Final Appellate authority:

Secretary, DST/DBT shall be the appellate authority in issues pertaining to conflict of interest and issues concerning the decision making process. The decision of Secretary, DST/DBT in these issues shall be final and binding.

8. Declaration

I have read the above “Policy on Conflict of Interest” of the DST/DBT applicable to the Reviewer/ Committee Member/ Applicant/ DST/DBT Scheme or Program Officer # and agree to abide by provisions thereof.

I hereby declare that I have no conflict of interest of any form pertaining to the proposed grant *

I hereby declare that I have conflict of interest of any form pertaining to the proposed grant *

* & # (Tick whichever is applicable)

Name of the Reviewer/ Committee Member or Applicant or DST/DBT Officer
(Strike out whichever is not applicable)

(Signature with date)

Annexure IV

BRICS STI Framework Programme – 5th

Call 2021 27.12.2021

The following 322 project consortia are invited to submit Full Proposals for the 5th BRICS STI FP Call:

	Projectreg.number	Acronym	Condition
1	BRICS2021-003	BINGO	
2	BRICS2021-007	DESLDPNSC	
3	BRICS2021-008	Photo u bio	*
4	BRICS2021-009	AROC-Mix	
5	BRICS2021-012	CleanCity	
6	BRICS2021-014	ICTSSTML	
7	BRICS2021-015	ECOMAT	
8	BRICS2021-017	StableSIB	
9	BRICS2021-018	SolNaMBs	
10	BRICS2021-020	IPMaRMAs	
11	BRICS2021-022	MOFWHASP	
12	BRICS2021-023	HDV-ORC	*
13	BRICS2021-025	NANOTWIST	*
14	BRICS2021-029	SiLoop-Bio	*
15	BRICS2021-030	PACT-NO	
16	BRICS2021-033	NovelMBLI's	*
17	BRICS2021-034	MSTOSCFWGA	*
18	BRICS2021-035	OMTREE	
19	BRICS2021-037	cat4paws	
20	BRICS2021-038	UNCMSIB	
21	BRICS2021-041	EXOVIROMA	
22	BRICS2021-042	ARCTROCENE	
23	BRICS2021-043	RATENIF	*
24	BRICS2021-044	CNMWPT	*
25	BRICS2021-045	DMAAMWPLS	
26	BRICS2021-046	PRTiE	*
27	BRICS2021-047	SMART	
28	BRICS2021-048	FedEdge	
29	BRICS2021-049	P2P	
30	BRICS2021-052	EcoSIS	*
31	BRICS2021-053	H2Storage	
32	BRICS2021-054	BSPPCBCSA	*
33	BRICS2021-055	TiPrinPatt	*
34	BRICS2021-056	NanoRES	
35	BRICS2021-057	DNCITFORF	
36	BRICS2021-058	HPGBCRAGFS	

37	BRICS2021-060	HydroFarm	
38	BRICS2021-061	SADC	
39	BRICS2021-063	BBFSSFPCC	*
40	BRICS2021-064	DRXGNS	
41	BRICS2021-065	MESMERIC	
42	BRICS2021-066	SusCompMat	
43	BRICS2021-067	BioReRAM	
44	BRICS2021-068	SpinQM	
45	BRICS2021-069	PEAOP	*
46	BRICS2021-070	-	
47	BRICS2021-072	SCOLMB	
48	BRICS2021-073	-	
49	BRICS2021-074	ESID	
50	BRICS2021-075	GCC-BlueC	
51	BRICS2021-076	MPHDW	*
52	BRICS2021-077	PHOTOFLWS	*
53	BRICS2021-078	HBPOPGM	*
54	BRICS2021-079	NGES	
55	BRICS2021-080	-	
56	BRICS2021-081	-	
57	BRICS2021-082	-	*
58	BRICS2021-083	KTCSUUPWDK	
59	BRICS2021-084	MIND	*
60	BRICS2021-088	EMRSWRUIAA	
61	BRICS2021-089	BFRPN	
62	BRICS2021-092	corispat	
63	BRICS2021-093	DNFWPIFFQPA	*
64	BRICS2021-094	FineLysin	*
65	BRICS2021-095	RTbEcKpRxP	
66	BRICS2021-096	PODDS	
67	BRICS2021-097	ICAC	
68	BRICS2021-098	GraBSELiMB	
69	BRICS2021-099	ARTEMIS	
70	BRICS2021-100	SAPTARISI	
71	BRICS2021-102	ALDECESD	
72	BRICS2021-103	AIURBANHPC	
73	BRICS2021-104	RDBCUDM	
74	BRICS2021-105	HC-AOP	*
75	BRICS2021-106	SBDANLCD	
76	BRICS2021-107	SFSSSHP	
77	BRICS2021-108	DISRUPT-AMP	
78	BRICS2021-109	COASTCARB	
79	BRICS2021-110	DGSRDPIFS	*
80	BRICS2021-111	BiogasToH2	
81	BRICS2021-112	SEBIPMI	

82	BRICS2021-113	-	
83	BRICS2021-115	3DBioPhoto	
84	BRICS2021-117	NANOGASENSORS	
85	BRICS2021-118	PhotSolar	
86	BRICS2021-119	ANTIFUNGI	
87	BRICS2021-120	GravitAVIS	
88	BRICS2021-121	-	
89	BRICS2021-126	-	
90	BRICS2021-127	IMDHyVE	*
91	BRICS2021-128	SmartIce	
92	BRICS2021-129	NLCMHPMEC	*
93	BRICS2021-130	PARADIGM	
94	BRICS2021-131	IPOC	*
95	BRICS2021-132	IMMPWTPNW	
96	BRICS2021-133	CTIWTDCW	
97	BRICS2021-134	VMR-RIWW	
98	BRICS2021-135	-	*
99	BRICS2021-136	SAPMN	
100	BRICS2021-137	LEWDCEA	
101	BRICS2021-138	MaD20OTS	
102	BRICS2021-139	LCSES	*
103	BRICS2021-140	BPCPM-TIW	*
104	BRICS2021-141	EASDCSSBCE	
105	BRICS2021-142	IWP-KOB	
106	BRICS2021-143	Isoecode	
107	BRICS2021-145	MicroAMRIc	
108	BRICS2021-146	FEROPERO	
109	BRICS2021-147	HUAUV	
110	BRICS2021-148	SALLIE	*
111	BRICS2021-149	ISSMMORR	
112	BRICS2021-150	-	
113	BRICS2021-151	FMLWing	
114	BRICS2021-152	ACMLCALD	
115	BRICS2021-153	UREADBAC	*
116	BRICS2021-154	G-ENERGY	*
117	BRICS2021-157	UAMAEROICE	
118	BRICS2021-159	CABPIM	
119	BRICS2021-161	HySpecSAR	*
120	BRICS2021-162	VarPTS	
121	BRICS2021-163	FVOTA	*
122	BRICS2021-164	5G-IoTforHealthcare	
123	BRICS2021-165	AIESMx	
124	BRICS2021-166	-	
125	BRICS2021-167	CEBfEWS	*
126	BRICS2021-169	IDVR-PD	

127	BRICS2021-170	Nanobiotic	*
128	BRICS2021-171	Disordalloy	
129	BRICS2021-172	PAHSOURCES	
130	BRICS2021-173	RKTSWSPEEL	
131	BRICS2021-174	CHAIN	
132	BRICS2021-175	NEXA-4-DRS	
133	BRICS2021-176	MOTEDCAIM	
134	BRICS2021-177	TheMaLiTr	
135	BRICS2021-178	ACTSGBAI	
136	BRICS2021-179	GoGreenAMD	
137	BRICS2021-180	-	
138	BRICS2021-181	Photonfood	
139	BRICS2021-182	SENSESKAPE	
140	BRICS2021-183	NanoPPC	
141	BRICS2021-184	Hydrogenstorage	
142	BRICS2021-185	COMPASS	
143	BRICS2021-186	RECREAT	
144	BRICS2021-187	RESPER	*
145	BRICS2021-188	FTR-FC-HRCPH	
146	BRICS2021-189	SQUM	*
147	BRICS2021-191	DCRFIP	
148	BRICS2021-192	ICSolar	
149	BRICS2021-193	BrChRu	
150	BRICS2021-194	RTBD	
151	BRICS2021-195	PDRTI2021	
152	BRICS2021-196	iPhotoMat	
153	BRICS2021-197	DEAMAP	*
154	BRICS2021-198	PlasMOF	
155	BRICS2021-199	CTMforPSCs	
156	BRICS2021-200	BRISA_H01	
157	BRICS2021-201	OMPforAMR	*
158	BRICS2021-202	CEDMGR	
159	BRICS2021-203	SMARTSCAPE	
160	BRICS2021-204	PEC	
161	BRICS2021-205	I λ prestudy	
162	BRICS2021-207	BigDataWet	
163	BRICS2021-208	DNCPLFCBSE	
164	BRICS2021-209	BR_AMPs	*
165	BRICS2021-210	IWADAMWTNE	
166	BRICS2021-212	APCLEDECA	
167	BRICS2021-213	NEOs	
168	BRICS2021-214	MCILFSME	*
169	BRICS2021-215	WPARBRADIT	*
170	BRICS2021-216	EMWNEECs	*
171	BRICS2021-217	BIOCLEAN-H2O	

172	BRICS2021-218	UWMA&RAS	*
173	BRICS2021-219	AEROINSPE	
174	BRICS2021-220	BLKFARCC	*
175	BRICS2021-221	SLLMMER	
176	BRICS2021-222	MMC-BRICS	*
177	BRICS2021-223	eWater	*
178	BRICS2021-224	Op-ATTM	*
179	BRICS2021-225	GreenNanoEnergy	
180	BRICS2021-226	SAFuHybMat	
181	BRICS2021-227	UVCLED	
182	BRICS2021-228	LoCaS	
183	BRICS2021-229	REAUIN	
184	BRICS2021-231	CEIHMGFCMS	
185	BRICS2021-232	BEDX2R	
186	BRICS2021-233	AZBPSGBIGS	
187	BRICS2021-234	OARNAMBBIC	
188	BRICS2021-236	ZAB	
189	BRICS2021-237	UrbanMonitor	*
190	BRICS2021-238	ESTWP	
191	BRICS2021-239	HSCs	*
192	BRICS2021-240	BIO-XENO-BES	
193	BRICS2021-241	AOWTBCM	*
194	BRICS2021-242	BIOSAF	
195	BRICS2021-243	HyWaTS	
196	BRICS2021-244	LVOIVFSEM	
197	BRICS2021-245	AeroIce	*
198	BRICS2021-246	DT-AssistedHFSMwithHPRE	*
199	BRICS2021-247	-	
200	BRICS2021-248	ALMOFEW	
201	BRICS2021-250	DLNOAFFFS	
202	BRICS2021-251	eTech4NECs	
203	BRICS2021-252	HW_AMD	
204	BRICS2021-253	IGMAR	*
205	BRICS2021-254	nanoCatH	
206	BRICS2021-255	CLEARWATER	
207	BRICS2021-256	MVNMSTHGM	*
208	BRICS2021-257	MP4TB	
209	BRICS2021-258	RMEWCBLRWG	
210	BRICS2021-259	TSHEPPQDLEDWLL	
211	BRICS2021-260	BEVLASDGHP	
212	BRICS2021-261	COMRADES	
213	BRICS2021-262	NEWHOUSING	
214	BRICS2021-264	BioHyGeSS	*
215	BRICS2021-265	-	*
216	BRICS2021-266	ITRIC-TB	

217	BRICS2021-268	CarbTraP	
218	BRICS2021-269	HISALREE	
219	BRICS2021-270	AE-MMM	*
220	BRICS2021-271	HyBioGeSS	*
221	BRICS2021-272	ProbVSMDR	
222	BRICS2021-273	MIcrobAR	*
223	BRICS2021-274	SSLIAA	*
224	BRICS2021-275	FeStoRe	
225	BRICS2021-276	drug-design	
226	BRICS2021-277	BIO-LIGHT	
227	BRICS2021-278	PM2.5Green	*
228	BRICS2021-279	PHOTONAGRO	
229	BRICS2021-280	TAMDR-STIs	
230	BRICS2021-281	NMDM	
231	BRICS2021-282	HEMC	
232	BRICS2021-283	MCHNABOFOP	
233	BRICS2021-284	-	*
234	BRICS2021-285	CoNMuTraMO	
235	BRICS2021-287	DiRe-COAST	*
236	BRICS2021-288	DISAIRE	
237	BRICS2021-289	-	*
238	BRICS2021-290	FPBAM	*
239	BRICS2021-291	SEDMHDDS	*
240	BRICS2021-292	PICCAN	
241	BRICS2021-293	BIOGEN	
242	BRICS2021-294	CARCOOL	
243	BRICS2021-295	TRIBOCOAT	
244	BRICS2021-296	ONCIWUPAWE	
245	BRICS2021-297	μ CAPIoT	
246	BRICS2021-298	MALBRICS	*
247	BRICS2021-299	-	
248	BRICS2021-300	EMMA	
249	BRICS2021-303	ELYSIUM	
250	BRICS2021-304	CONVERTS	
251	BRICS2021-305	CRISPAH	
252	BRICS2021-307	SENSFOOD	
253	BRICS2021-308	CaSHANGE	*
254	BRICS2021-309	-	*
255	BRICS2021-310	SMART	
256	BRICS2021-311	MESOLUC	
257	BRICS2021-312	CAMPAI	*
258	BRICS2021-313	-	
259	BRICS2021-314	-	
260	BRICS2021-315	HPC-XWAI	
261	BRICS2021-316	NEMBIAL	*

262	BRICS2021-317	SmartGreenpack	*
263	BRICS2021-318	ILTRAN	
264	BRICS2021-319	FECCA	
265	BRICS2021-320	DNGBM	*
266	BRICS2021-321	FCMFWT	
267	BRICS2021-324	ENHNPSC	
268	BRICS2021-325	OneHealthCentre	*
269	BRICS2021-326	Neut-ug	*
270	BRICS2021-327	DPCPAGRS	*
271	BRICS2021-328	NUMENERGY	
272	BRICS2021-329	REPHOCON	*
273	BRICS2021-330	NatExLiCo	
274	BRICS2021-331	BRICS-ARM	
275	BRICS2021-332	MDRPCOVID	
276	BRICS2021-333	MAGES	*
277	BRICS2021-334	ncRNA-TB	*
278	BRICS2021-335	virusonics	*
279	BRICS2021-336	SPOTTSG	*
280	BRICS2021-337	THEMASCOS	
281	BRICS2021-338	MAMEHS	
282	BRICS2021-339	NUMOCEAN	
283	BRICS2021-340	CSUCNFSMP	
284	BRICS2021-341	AEROADITIV	
285	BRICS2021-342	UBSSGEVS	*
286	BRICS2021-343	AHRactivationinCOVID-19	
287	BRICS2021-344	GREENERGY	
288	BRICS2021-345	CDRPEHA	
289	BRICS2021-346	EEHPLEDAA	
290	BRICS2021-347	MP-CECsorb	
291	BRICS2021-349	DATAHEALTH	
292	BRICS2021-350	FSFFNM	
293	BRICS2021-353	PANMETRACO	
294	BRICS2021-354	AM-HPAMAEP	*
295	BRICS2021-355	-	
296	BRICS2021-356	TESA	*
297	BRICS2021-357	DITORES	
298	BRICS2021-358	Drug-FreeWastewater	
299	BRICS2021-359	RHTSLREI	*
300	BRICS2021-360	ASEE	
301	BRICS2021-361	ReTecWasHy	
302	BRICS2021-362	Alcas	
303	BRICS2021-364	Devices	*
304	BRICS2021-365	BIOPATH	*
305	BRICS2021-366	BSFMONSDSL	
306	BRICS2021-367	-	*

307	BRICS2021-368	SPiRit-Surf	
308	BRICS2021-369	SPCEB	
309	BRICS2021-370	SensMDR-TB	
310	BRICS2021-371	ADDER	*
311	BRICS2021-372	PhotoNAT	
312	BRICS2021-373	NEUROMAG	
313	BRICS2021-374	-	
314	BRICS2021-375	MARLV	
315	BRICS2021-376	PSICCIE	*
316	BRICS2021-377	MIMUAQ	*
317	BRICS2021-378	RBAISABNDD	
318	BRICS2021-379	i-REFORM	
319	BRICS2021-380	BDUEICNSED	*
320	BRICS2021-381	MWMSTU	*
321	BRICS2021-382	-	
322	BRICS2021-383	S&T4Food	*

** -based on information provided in JAF identified at least one potential PI within project consortia who might will not pass national eligibility check during Full Proposal stage. Since the provided information may be attributed as technical error or incomplete supplementary data on national research team, respecting proposals were invited to Full Proposals stage on condition that all national requirements will be met within Full Proposal submission.*

Please refer to the following pages for more information on Full Proposals

submission:<http://brics-sti.org/?p=new/30>

<http://brics-sti.org/?p=new/31>