

CSIR – BMBF Joint Call for Proposals for the Years 2016-17

Within the agreement of Indo-German cooperation in S&T of 1974, Federal Republic of Germany, defining cooperation in Science and Technology between India and Germany.

The purpose of the programme is to stimulate new collaborations, e.g. the preparation of joint projects under national funding programmes. The programme facilitates bilateral cooperation in the fields of Science and Engineering between the research institutes of CSIR, India and those of Germany by way of joint research projects, bilateral workshops / seminars, exchange visits of scientists and scientific and composite (scientific and industrial) delegations.

Nodal Implementing Agencies

The Council of Scientific and Industrial Research, Ministry of Science & Technology, Government of India, New Delhi and the German Aerospace Center – Project Management Agency, Bonn (DLR-PT) are the nodal implementing agencies from the Indian and the German sides, respectively.

Proposals are invited in identified priority areas of

- New Materials
- Age-related Diseases

Evaluation and Selection Criteria

- Relevance to German and Indian national research programmes and multinational programmes (e.g. EU-programmes)
- New projects in applied fields of mutual benefit
- Justification for collaboration
- Quality and originality of research approach
- Qualification of applicant and availability of infrastructure
- Involvement of young scientists
- Possible industrial involvement
- Expected result and outcome

Who can apply?

From the Indian side, scientists working in regular capacity in CSIR research institutes and from the German side, scientists and faculty members working in regular capacity in public or private R&D institutes can apply for this programme.

(Prior to the submission of a proposal we highly recommend you to contact the Coordinating Officer at the respective nodal agency).

Participation of Private Sector

The Indian industrial partner can participate in the programme, but the project applicant would be CSIR scientist only. The Indian company will have to meet its own

project implementation cost. The participation of German companies is welcome, however, financing can only be granted to SMEs and to a limited extent. German industries may please see the German call text for further details.

Project duration

Two years, extendable by one year

Processing

Joint research projects are required to be submitted to both the nodal agencies. Unilaterally submitted projects shall not be considered. Prior to the submission of a proposal we highly recommend you to contact your contact person at the respective nodal agency.

An electronic application of the jointly agreed collaborative research project on specific format along with four hard copies (Indian side) and one hard copy (German side) duly signed may be submitted to the International S&T Affairs Directorate (ISTAD) of the CSIR for the Indian side and PT-DLR for the German side respectively.

On the German side, DLR-PT requests electronic applications and one paper version with signatures using the websites:

<https://www.pt-it.de/ptoutline/application/CSIR2015>

The request for format should be submitted to the nodal persons whose contact details are given below. The guidelines and formats could also be downloaded from the websites of CSIR and BMBF.

All received proposals will be peer reviewed and processed independently by both sides. The research projects would be implemented subject to necessary clearances/ approvals.

Kind of support available

Financial support for the Indian component would be provided by CSIR (for CSIR research institutes only) and financial support for the German component would be DLR-PT.

Financial support is available from the respective nodal agency on the two sides for the exchange visit component only under the approved projects as per the financial terms given below.

1. The sending side bears the cost of travel of the visiting personnel between the places of work in India and Germany as well as VISA fees, airport taxes and overseas medical insurance. Funding by PT-DLR to German experts traveling to India covers the costs for international flights (economy), traveling to and from the German airport of departure, and VISA only. Other traveling costs, e.g. insurances and departure taxes (if applicable) are borne by the sending institute or company.

2. The receiving side shall provide living expenses (except private sector in case of CSIR-funding). In general, the period of visits should not exceed 3 months

Exchanges	Short-term (up to 30 days)	Long-term (max. 3 months)
Indian scientists to Germany	107 Euro per day (upto 22 days); Max. 2392 Euro for 23 to 31 days (per diem would be 81 Euro in case of free accommodation)	2392 Euro per month 80 Euro for single days exceeding full months
German scientists to India	INR 2.500/- per day + max. INR 4.500/- per day for accommodation	Pro rata basis

Expected Project outcome

It is expected that the funded cooperation enables the partners to develop applicable scientific results which could be commercialised and may lead to formation to joint ventures. All publications, patents coming out of these projects, need to be jointly authored by both Indian and German scientists. Short term projects and workshops may also be submitted by new partners to initiate the preparation of major research projects with private sector participation (industry) at a later stage.

Time table

Announcement of Call – **October 23, 2015**

Deadline for submission of completed applications – **January 6, 2016**

Short-listing of selected projects – **March 2016**

Commencement of Projects – **July 2016**

Coordinating Offers from the two sides

<u>Indian Side</u>	<u>German Side</u>
<p>Dr Rama Swami Bansal Sr. Principal Scientist International S&T Affairs Directorate Council of Scientific & Industrial Research 2, Rafi Marg, New Delhi – 110001 India Tel. +91 11 2331 6751 Fax +91 11 2373 9041 e-mail: rsb@csir.res.in http://www.csir.res.in</p>	<p>Ms Cornelia Parisius Scientific Officer German Aerospace Center Project Management Agency Heinrich-Konen-Straße 1, 53227 Bonn, Germany Tel. +49 228 3821-1422 Fax +49 228 3821-1444 e-mail: cornelia.parisius@dlr.de http://www.internationales-buero.de</p>

CSIR - BMBF Cooperative Science Programme

Guidelines for Preparing and Submitting the Joint Proposals for Call 2016-17

CSIR and Project Management Agency, German Aerospace Center (DLR) of the Federal Ministry for Education and Research (BMBF), Germany are the nodal agencies for implementation of the Special Arrangement on Indo-German Cooperation in Scientific Research and Technological Development concluded under the aegis of Intergovernmental Bilateral Agreement. International Science and Technology Directorate (ISTAD) of CSIR at New Delhi and Project Management Agency, DLR of BMBF at Bonn, are the coordinators from the two sides. The objective of the bilateral cooperation is to further projects of mutual interest as agreed upon by the institutions of CSIR and Germany. Research Projects of mutual interest can be considered under the agreement.

2+2 Mode projects: 2+2 mode projects are collaborative projects in which at least one CSIR research establishment and one Indian business enterprise are involved along with one German research establishment and one German company. The aim of this collaboration is the joint development of innovative products or processes with good prospects for commercial marketing. Experience has shown that small and medium-sized enterprises quickly absorb new ideas and technical innovations. This tendency is increased still further when they work together with research institutes. Consequently, the direct or indirect **participation of small or medium-sized enterprises** on both sides is desirable in particular in projects concentrating on the application of new research results or technologies. The participation of industrial partners could be in the form of cash or kind.

The Cooperation Programme supports exchange visits of CSIR and German scientists / technical personnel. As per the agreed terms the sending side covers the travel costs between the places of work in two countries (including overseas medical insurance, visa fees and airport taxes as applicable) and the receiving side covers the local stay costs. It means CSIR would cover the costs on international travel of the visiting CSIR scientists and local hospitality to the visiting German scientists. Similarly German side would provide international travel to the German visiting scientists and local hospitality to the Indian scientists (**107 Euro / day for visits up to 22 days and max. 2392 Euro for 23 to 31 days and 80 Euro for single days exceeding full months**, for longer visits. This amount is towards accommodation and pocket expense for visiting Indian scientists. In case of free accommodation per diem would be 81 Euro.)

Projects partners at the two sides shall contribute products and/or research results to the joint project on a comparable scientific/technological level. The basic infrastructure to implement the projects is expected to be available with the implementing institution.

Applications duly reviewed by the Expert Committee, constituted by the Director of the CSIR laboratories and recommended by the Directors alongwith four names of the possible peer reviewers, may be submitted to ISTAD on the Indian side and by German Research Institutions or industry enterprises to the Project Management Agency of the German Aerospace Centre (DLR), simultaneously. Prerequisites for a successful proposal are the **availability of adequate means for the basic project funding, binding agreement of cooperation from both partners, scientific and technical merit of the proposal and protection of IP.**

All research projects, involving foreign collaboration in any form, require security / sensitivity clearance before their implementation. The High Level Committee (HLC) of the Cabinet is the apex body for accordingly such clearances. However, the Secretaries of the Government Departments have been empowered to grant clearance to projects following in green channel. For this five filled in copies each of the checklist (as per prescribed format) and the project summary proforma alongwith the document of the approved research project should be sent to CSIR-ISTAD, CSIR HQs subsequently. Four copies each of the checklist, summary proforma and project proposal would be sent to DST for sending to the members of HLC.

One electronic copy and five hard copies of the research proposal (as per prescribed format-both, the joint proposal and the Indian part), five copies of CV's of PIs and the project members' along with Directors and Expert Committee's recommendations may be sent to ISTAD.

CSIR - BMBF Cooperative Science Programme Application for Project Support

International S&T Affairs Directorate of CSIR

International Bureau of the BMBF

New Application

Follow-up of former project, Reference Number

Indian :

German :

Title of Proposal (in English):

Title of Proposal (in German):

Acronym:

Duration: Start _____ End _____

Summary:

German Partner:

Institution	
Division/institute	
Address (Street, POB)	
Zip Code, City	
Head of Project	Phone :
E-Mail	Fax:
Homepage	

Further German partners (please list in Attachment 1)

Indian Partner :

Institution	
Division/institute	
Address (Street, POB)	
Zip Code, City	
Head of Project	Phone :
E-Mail	Fax:
Homepage	

Further Indian partners (please list in Attachment 1)

CSIR - BMBF Cooperative Science Programme Application for Project Support

International S&T Affairs Directorate of CSIR

International Bureau of the BMBF

1. Project Information

(Project description (not more than 6 pages))

- 1.1 Actual developments in the research area; objectives, project description
- 1.2 Relevance to the topics of CSIR, BMBF, EU funding measures
- 1.3 Work packages and time schedule (milestones)
- 1.4 Distribution of tasks between partner institutions: Indian partner / German partner
- 1.5 Reasons for and benefits of cooperation for each partner (Incl. previous collaboration with the partner country, potential applicability)
- 1.6 Intended follow-up including possible source for further financial support, utilization of project results, industrial applicability
- 1.7 Participation of young scientists / research scholars

2. Industry Participation

(if applicable, please explain kind of cooperation)

3. Planned Travel

Please list each visit separately by name, duration in days, app. months in which visit starts / n.n. if name is not known yet.*

	Indian experts visiting German partners*			German experts visiting Indian partners*		
1 st year	Name	Duration (days)	Start of visit (month)	Name	Duration (days)	Start of visit (month)
2 nd year	Name	Duration (days)	Start of visit (month)	Name	Duration (days)	Start of visit (month)

* n.n. if person is not identified yet

Appendices

- 1. Name and address of further Indian or German partners
- 2. Experience of the principal investigators, including the 5 most important publications of each partner in the research field within the last five years
- 3. Financial overview (s. table)

Financial Plan(1st year)

INDIA (INR)				GERMANY (EUR)			
Personnel costs¹							
Scientist / Tech	Pers. Month	Salary p. month	Total	Scientist / Tech	Pers. Month	Salary p. month	Total
Consumables²							
Description	Amount	Unit price	Total	Description	Amount	Unit price	Total
Equipment²							
Description	Amount	Unit price	Total	Description	Amount	Unit price	Total
Travel							
- Flight to Germany: INR - Accommodation in India: max INR 4,500/ day - Daily Allowance in India: INR 2,500				- Flight to India: EUR 1.400 - Daily Allowance: For short term visits - EUR 107 per day(1 to 22 days) and max. Euro 2392 for 23 to 31 days; Euro 81 per day in case of free accommodation; For long term visits – max. EUR 2392 per month + Euro 80 for single day exceeding full month			
	Amount	Unit price	Total	Flights	Amount	Unit price	Total
Flights							
	Days	Unit price	Total	Daily Allowance	Amount	Unit price	Total
Hotel							
Daily Allowance							
Other³							
Description	Amount	Unit price	Total	Description	Amount	Unit price	Total
Total Amount (1st year)							
INR				EUR			

¹ Personnel is in general not funded by German side

² Funding for equipment / consumables is not provided by Indian side, the infrastructure should be available with the Indian institute

³ e.g. project allowance for German universities

Financial Plan(2nd year)

INDIA (INR)				GERMANY (EUR)			
Personnel costs¹							
Scientist / Tech	Pers. Month	Salary p. month	Total	Scientist / Tech	Pers. Month	Salary p. month	Total
Consumables²							
Description	Amount	Unit price	Total	Description	Amount	Unit price	Total
Equipment²							
Description	Amount	Unit price	Total	Description	Amount	Unit price	Total
Travel							
- Flight to Germany: INR - Accommodation in India: max INR 4,500/ day - Daily Allowance in India: INR 2,500				- Flight to India: EUR 1.400 - Daily Allowance: For short term visits - EUR 107 per day(1 to 22 days) and max. Euro 2392 for 23 to 31 days; Euro 81 per day in case of free accommodation; For long term visits – max. EUR 2392 per month + Euro 80 for single day exceeding full month			
	Amount	Unit price	Total	Flights	Amount	Unit price	Total
Flights							
	Days	Unit price	Total	Daily Allowance	Amount	Unit price	Total
Hotel							
Daily Allowance							
Other³							
Description	Amount	Unit price	Total	Description	Amount	Unit price	Total
Total Amount (2nd year)							
			INR				EUR
Sum 1st + 2nd year			INR				EUR

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Signatures of Principal Investigators

Indian Partner

German Partner

(Date, Name)

(Date, Name)

Signatures of Competent Authority of the Institutions with seal

Indian Partner

German Partner

(Date, Name)
(Seal of Institution)

(Date, Name)
(Seal of Institution)

(To be filled in by the Indian Partner only)
CSIR - BMBF Cooperative Science Programme
Application for Project Support

International S&T Affairs Directorate
Council of Scientific & Industrial Research, New Delhi

1. Project Title
2. Expected outcome/deliverable
3. Relevance and linkages with the Integrated Programmes of CSIR
4. Arrangement for Sharing of research results between involved parties
(Please be more specific when the research results are of commercial value. A certificate on sharing, signed by the two sides may be submitted)
5. Infrastructure required to implement the project

Facilities	List of items required for the project	If not available presently, how it is proposed to be procured/recruited. Please indicate source of funds
Equipment		
Manpower		
Consumables and Contingencies		

6. List of ongoing research projects (national & international) with the Indian participants

Title of project	Brief Description	Duration with dates of commencement and completion	Funds available & funding source

7. Names and Contact details (including email address) of four Peer Reviewers outside the proposing institute
8. It is certified that the above mentioned details are true to the best of my knowledge and that basic infrastructure like power, water, administrative support etc will be provided will be provided for implementation of this project.

Signature of Project Coordinator
(Date, Name)

Signature & Seal of Director
(Date, Name)