

# **Indo-French Networking Research Programme under Indo-French Programme of Cooperation in Science and Technology**

## **CALL FOR PROPOSALS**

### **1. OBJECTIVES**

Facilitate and develop a high-level scientific and technological co-operation between research laboratories in the two countries, with a focus on R&D Industry linkages and innovation.

This programme should allow for a reinforcement of Indo-French scientific partnerships by enhancing the build-up of thematic Joint Research Networks in priority areas of the two countries.

Each network will be organized around 2 to 6 research groups in each country. Each of these networks will be coordinated by one Indian and one French coordinator.

### **2. GENERAL ORGANIZATION**

This programme of scientific and technological co-operation is jointly run by:

- From the Indian side, the Department of Science and Technology (Coordinating Agency) Ministry of Science and Technology of the Government of India,
- From the French side, the Ministry of Foreign Affairs (Coordinating Agency), the Ministry of Youth, National Education and Research, and the following public research organizations: BRGM, CEA, CIRAD, CNES, CNRS, INRA, INRIA, INSERM, and IRD.

It will be jointly financed by the Indian and French sides, as per the terms of the Inter-governmental Indo-French Programme of Cooperation in Science & Technology (POC) signed on the 16th of March 2003, while preserving the general principle of parity between the two parties.

### **3. GUIDELINES FOR THE SUBMISSION OF PROPOSALS**

This programme is conducted on the basis of a restricted call for proposals in direction of the Indian and French laboratories attached to the universities, research institutes and companies.

For the French side, the head of the network must belong to one of the organizations mentioned above.

In order to increase efficiency of the selection procedure, only those projects which satisfy the following criteria will be taken into account:

- To be submitted by groups of laboratories constituting a network (2 to 6 research groups from each country), having appointed two co-coordinators (one Indian and one French), and among which at least two groups have already been involved in an Indo-French partnership, as testified by common scientific publications;
- To be received in due time.

### **4. SELECTION OF THE PROJECTS**

Projects will be subjected to a distinct scientific evaluation in both countries. The rating, based on a scale from 1 to 10, will be exchanged before the meeting of the joint working group in charge of selection of the projects.

The scientific evaluation will take in priority account of the following criteria:

### **Scientific/technological quality, innovation**

- Scientific relevance of the topics;
- Scientific quality of the research groups involved in the project;
- Relevance of the project with the priority areas of the two countries;
- Implication of doctorate students and young researchers;
- Possibility of partnership with companies;
- Possibility of industrial linkages.

### **Interest of international co-operation**

- Added value by an international co-operation versus a national project;
- Insertion of the networks into the geo strategic choices of both countries;
- Added value for the external trade exchanges of both countries.

### **Resources and management**

- Relevance of the methodology and work plan;
- Management abilities of the partners in each country;
- Relevance of resources to the project;
- Guarantees regarding the IPR.

It will depend on each research group, Indian and French, to make sure of the effective protection and fair repartition of the intellectual property resulting from the joint accomplishment of the project, as mentioned in the POC.

## **5. FOLLOW-UP**

Every year, the Indian and French Coordinators will send a report to the Coordinating Agencies, notifying the progress and activity of the project. At mid-term of the project, a joint evaluation will be undertaken to decide further support for the remaining ongoing period.

## **6. FINANCING**

Each project, of a four year duration, will be funded for a maximum of 100 000 Euros from each side. The French side, by the intermediary of the Ministry of Youth, Education and Research, will in addition cover the fellowship expenses of Indian post-docs.

The Indian side will also provide postdoctoral fellowships every year to French researchers in the frame of these networks.

The supports granted by the two countries to the research groups will be complementary, and will be intended for covering the expenses related to the mobility and to the 'networking' dimension of the project.

This support will cover travel and life expenses of the researchers, as well as subsidiary expenses for the operation of the project.

The partner research groups will ensure that the project has access to human resources and equipment necessary for its realization.

## **7. SCIENTIFIC AREAS**

The following scientific domains will be considered for the present Indo-French Networking Research Programme.

- *Environmental sciences*: water resources, climate change, water treatment, management, quality.
- *Organic chemistry*: synthesis of bioactive molecules.

- *Physics:* lasers
- *Information Technology*
- *Bio-informatics:* in relation to Health and to Agronomy.

## 8. APPLICATION FORMS

- These forms can be retrieved from the following web sites:

www.education.gouv.fr; www.recherche.gouv.fr  
www.diplomatie.gouv.fr; www.dst.gov.in

The application forms, jointly completed by the French and Indian partners, will be submitted by the two co-coordinators not later than **30 April 2004** to the following addresses:

### In India

MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
TECHNOLOGY BHAVAN  
NEW MEHRAULI ROAD, NEW DELHI 110 016  
**Dr. USHA SHARMA**  
ADVISER/SCIENTIST 'G'  
INTERNATIONAL DIVISION  
tel. : 26967357  
fax : 26862418  
*ushas@alpha.nic.in*  
Five copies in English.

### In France

Ministère de la Jeunesse, de l'Education Nationale et de la Recherche	Ministère des Affaires Etrangères
M. Dominique CHATTON Délégation aux Relations internationales et à la Coopération Bureau Asie-Océanie	Mr Jacques DE CROIZANT Direction de la Coopération Scientifique Universitaire et de Recherche (DGCID) Sous-Direction de la Recherche
110, Rue de Grenelle 75357 Paris 07 SP	244, boulevard Saint-Germain 75303 Paris 07 SP
tél. : 01 55 55 09 20 fax : 01 55 55 23 80 dominique.chatton@education.gouv.fr	tél. : 01 43 17 90 03 fax : 01 43 17 88 38 Jacques.De-Croizant@diplomatie.gouv.fr
(3 copies in French language)	(2 copies in French language).

And one copy in French language should also be sent to the Direction of International Relations of the organisation heading the network (BRGM, CEA, CIRAD, CNES, CNRS, INRA, INRIA, INSERM, IRD).

## 9. CALENDAR

- Deadline for Submission: **30 April 2004**
- Expected Starting Date of the Projects: **1 September 2004**