

EU-INDIA STI Cooperation Days

Thematic focus: Water

CSIR-National Geophysical Research Institute, Hyderabad, India

8-9 November 2012

Visit the event site for more information:

www.euindiacoop.org/2012

The third edition of “EU-India Science Technology and Innovation Cooperation Days” will be organised in Hyderabad on 8-9 November 2012, in order to **showcase the good results of cooperation between Europe and India** and to foster further STI cooperation. It is a joint event organised by the following projects and initiatives; New INDIGO, INDIA GATE, EURAXESS Links INDIA and EBTC in close cooperation with the National Geophysical Research Institute (CSIR- NGRI).

The thematic focus is **water-related research**. Researchers working together in various types of projects (FP7, multilateral and bilateral) will be invited to present their achievements and reflect on their cooperation. They will have the chance to network together with industries in a brokerage event and get further information about funding possibilities from the EU, India or bilateral programs.

The EU-India STI Cooperation Days are composed of the following elements:

- **Scientific conference** – presentation of joint projects in water related topics
- **STI priorities** – interventions by Policy makers and other stakeholder groups
- **Poster session** – young researchers invited to present their scientific posters
- **Networking & brokerage event** – in addition to the networking friendly setting of the conference, a targeted brokerage event will be organised to assist future collaboration
- **Awareness raising activities about funding opportunities** offered by the EU, India, bilateral programmes and by industry

The scheme for these two days is the following:

- 1st day: Conference and Networking Café
- 2nd day: Conference and networking event in parallel, technology transfer and Q&A session on funding

A more detailed agenda is included below.

EU-INDIA STI Cooperation Days
Thematic focus: Water related research
CSIR-National Geophysical Research Institute, Hyderabad, India
8-9 November 2012

8 November 2012

- 8:30 – 9:30 **Registration**
- 9:30– 09:35 **Welcoming Speech**
Shakeel Ahmed-, *Indo-French Centre for Groundwater Research (IFCGR) & Chief Scientist CSIR- NGRI*
- 9:35- 10:00 **Opening remarks**
Purnima Rupal - *Scientist, Coordinator International S&T Affairs Directorate CSIR, (New INDIGO co-coordinator)*
Aurélie Pachkoff - *EURAXESS links India Information Officer*
- Remarks**
Professor S.S. Rai - *Director in charge CSIR-NGRI*
- Keynote speeches**
Moderator- Purnima Rupal - *Scientist, Coordinator International S&T Affairs Directorate CSIR (New INDIGO co-coordinator)*
- 10:00 – 10:20 India Perspective on EU India STI Cooperation
Dr Arvind Kumar - *Principal Scientific Officer-International Cooperation Division, DST*
- 10:20 – 10:40 Recent Developments in EU International Cooperation Policy in Research and Innovation
John Claxon - *Deputy Head of Unit, DG Research and Innovation, European Commission*
- 10:40 – 11:00 Indo-European partnership in Research and Innovation
Philippe de Taxis du Poët - *Minister Counselor - Head of Science & Technology, Delegation of the European Union to India*
- 11:00 – 12:00 **Coffee break**

12:00 – 13:00

Services offered by EU-India Cooperation support activities

- **New INDIGO Partnership Programme**- Dominique Aymer de la Chevalerie, *New INDIGO*
- **Funding opportunities in India**- Martina Desole, *INDIA GATE*
- **Researchers' Mobility** - Aurélie Pachkoff, *EURAXESS links India*
- **Indian Focal Point Network**- Marie-Alix Riou, *New INDIGO*
- **Towards an India-EU Joint House for Science and Innovation** - Véronique Briquet-Laugier- Sylvie Inizan, *INDIA SI HOUSE*
- **Services provided by NCPs**- Surbhi Sharma, *EIRC*

13:00 – 14:30

Networking Lunch

Parallel sessions: Scientific Conference & EU - India Networking Café

Scientific Conference

Moderator- Dominique Aymer de la Chevalerie, *Director CNRS Office in India (Scientific coordinator of New INDIGO), CNRS*

14:30 – 15:30

Scientific Keynotes

Water Resources and Research in India: Challenges and Directions
Dr. Rajendra Prasad- *Department of Geophysics- Andhra University*

River management, between development and restoration: mistakes and lessons learnt from EU

Dr. Andrea Nardini- *Italian Center for River Restoration- CIRF*

15:30 – 17:10

- IFCGR: Indo-French Center for Groundwater Research (joint lab) – Dr. Shakeel Ahmed
- REWATER: Low-cost recovery of reclaimed water from sewage mixed industrial effluents (New INDIGO NPP2 projects)- Dr. Rima Biswas Mondal – Dr. Marta Carballa
- Saph Pani: Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India (FP7 project) -Dr. Elango Lakshmanan
- Biological treatment (anaerobic/aerobic) of pulp and paper industry wastewater (bilateral project) – Dr. Madalena Alves – Dr. Farhana Masood
- Water4Crops (EU-INDIA water multilateral water project)- Dr. Suhas P Wani

15.30 - 17.00

“EU-India Networking Café”

Researchers and companies interested in scientific cooperation with India and Europe will be invited to meet face-to-face with stakeholders of their interest. An online brokerage tool will be provided by the organizers to develop individual schedules for each participant.

17:10 – 18:00

Poster session

Initially the poster session will be introduced by announcing the names of young researchers, title and topic of their posters. The introduction will be followed by a session where the audience can interact with the poster presenters.

18:00-18:30

Break

18:30-20:00

Cultural event at Open Air Theater

20:00

Official dinner

9 November 2012

Parallel sessions: Scientific conference, EU India Networking Café & Poster session

9:30 – 11:30

Scientific Conference

Moderator- Marianne Jensen, *Science and Technology Counselor, Royal Norwegian Embassy (New INDIGO observer)*

- INDO-MARECLIM: Indo-European Research Facilities for studies on Marine Ecosystem and Climate in India (INCO-Lab project) – Dr. Lasse H. Pettersson – Dr. K. Ajith Joseph
- HighNoon: adaptation to changing water resources availability in northern India with Himalayan glacier retreat and changing monsoon pattern (FP7 project): Dr. Eddy Moors – Dr. Ashvin Gosain
- SHUSHUK: Integrated Wastewater management through Hydrological Modelling of River Basins in India and Europe (New INDIGO NPP2 projects)- Dr. Jose Maria Bodoque- Dr. Ashvin Gosain
- AtWat: Advanced modelling, control and decision support tools for flexible and optimal waste water treatment plant (New INDIGO NPP2)- Dr. Vivek Ranade- Dr. Ingmar Nopens
- HMBSP: Application of hybrid membrane based separation processes for treatment of industrial wastewater (New INDIGO NPP2 projects)-Dr. Sirshendu De – Dr. Christoph Janiak

- EnMBR: Enzyme supplemented membrane bioreactor (EnMBR) for degradation of recalcitrant compounds in industrial wastewater (New INDIGO NPP2 projects)- Dr. Muhammad Roil Bilad - Dr. Malini Balakrishnan

11:30 – 11:50

Coffee break

11:50 – 13:30

Scientific Conference

Moderator- Hannele Lahtinen, *Science Adviser, Academy of Finland (New INDIGO observer)*

- Greentech: The application of green technologies for sustainable water purification and reuse (New INDIGO NPP2 projects)- Dr. Inmaculada Ortiz- Dr. V.K Rathod
- Green-Tech: From grey to green. How to improve the sustainability of wastewater and drinking water treatment (New INDIGO NPP2 projects)- Dr Mira Petrovic – Dr Chiranjib Bhattacharjee
- Aquatest: Advanced microbial QUALity monitoring and hygienization TEchniques for Secure water Trading (New INDIGO NPP2)- Dr Rishi Shanker
- Reoptima: Reuse options for marginal quality water in urban and peri-urban agriculture and allied services in the gambit of WHO guidelines (New INDIGO NPP2 projects)- Dr. Ashwani Kumar – Dr Katarzyna Kujawa
- High ARCS: Highland aquatic resources conservation and sustainable development (FP7 project): Dr. Nitai Kundu- Dr. Stuart Bunting

10.00 – 17.00

Posters Session

The poster session initiated at the end of the first day will continue throughout the second day

10.00 - 17.00

“EU-India Networking Café”

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13.30 – 14.30

Lunch

14.30 – 16.30

Technology Transfer and Business opportunities Session

This session will showcase successful business collaborations and technology transfer between Europe and India in the water and waste water sectors.

The overview of the initiatives will be defined by the keynote presentations by EBTC and EIRC, and followed up with a panel discussion of experts from industry, research and business from Europe and India.

The panel session operate in an interactive mode in which experts will share their success stories and will provide inputs on how to identify transnational business opportunities. They will conclude by some tips to successfully manage international technology transitions.

14.30 – 14.40

Welcome and Session Overview

Ms Surbhi Sharma, Director, *EIRC, Bangalore*

14.40 - 14.55

EBTC and its initiatives, Ms. Leena Pish Thomas, *Regional Manager, EBTC, Bangalore*

14.55 – 15.10

Business Initiatives and Opportunities in India in the Water Sector, Ms Surbhi Sharma, *EIRC, Bangalore*

15.10 – 16.30

Panel Discussion

Moderator- Ms Leena Pish Thomas, *EBTC*

16.30- 17.00

Q&A on funding opportunities

Moderator- Ms Surbhi Sharma, *EIRC*