

India-EU STI Cooperation- Indian Perspectives

विज्ञान और
प्रौद्योगिकी मंत्रालय



MINISTRY OF SCIENCE
& TECHNOLOGY

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Vision



Set out in the (i) India EU S&T Agreement valid upto 2014 ;
(ii) 2012 S&T Ministerial Policy Dialogue and Joint
Declarations /Communique. These are pitching for

- Enhance scale scope-outcomes- impact of cooperation
- Capturing coherent synergies of India-EU- MS engagements
- Building flagship projects on S&T based solutions for common societal challenges.
- Comprehensive coverage on Research to Innovation to Business (RIB) alliances

Strategy



Convergence of bilateral- multilateral- multilateral framework around common societal challenges is gaining foot hold with:

- enhanced levels of co-investments,
- provisions of involvement of SME- local utilities and stakeholders,
- supporting joint research-cum-deployment within collaborative projects

Frameworks



Strategic partnership driven by principles of symmetry parity-reciprocity-co-generation of values, knowledge, product and services in mutually agreed research areas amplified through:

- **India-EU Coordinated Joint Thematic Calls (multilateral) 2008 onwards**
- **New INDIGO- India Thematic Call for Proposal (multi-country) 2009 onwards – Energy & Transport Call in the offing**

STI Dynamic Roadmap & Prioritization



Responding to the popular needs of scientists that hover around Mobility, Fellowships, Partnership Search, Research Grants, European companies research to innovation to business (RIB) penetration in India, EU-MS-India putting its acts together to come up with :

Thematic Priorities in

- Agriculture- Bio-economy,
- Health, ESDM-ICT,
- Energy, Transport,
- Environment-Water

(India-EU Stakeholders Conference Report 2012)

Governance



Motivation for Indo-European comprehensive STI cooperation, especially around common societal challenges, calls for streamlining policies-strategies-actions-investments under bilateral- multicountry--multilateral frameworks has found expression in the form of :

- Creation of Group of Senior Official (GSO) for India-EU STI cooperation – a three tier structure (GSO, Working Group of GSO and Thematic Expert Group) with provision of industry involvement at all levels.
- Streamlining governance that caters to realization of healthy humans & wealthy society

Outcomes and Trends



- **India-EU Research-Deployment-Networking Projects with 60 Million Euros (equally contributed by DST,DBT-EC DG Research & Innovation) reaping useful outputs by way of :**
- **co authored papers, filing of patents, critical mass of researchers in emerging frontier areas of S&T and spin offs by way of Phds,Postdoc experience;**
- **deployment of technological solutions suited to local conditions in domains such as wastewater treatment-reuse-recycling,water purification**

Creating New pathways : India-EU-MS Flagship Iconic Projects

Indo-European STI cooperation should find increasing relevance and mass appeal to the citizens of the two regions, thus an orchestration of joint template is underway to :

- Respond to diabetes, infectious disease, cancer and neurodegenerative diseases where co-investors from EU-MS-Indian Research Funding Entities are welcome.

Pillars of India-EU/MS

The four pillars of India-EU/MS Cooperation are

- Talent
- Technology
- Trust
- Togetherness



Thank you