



Global Innovation & Technology Alliance (GITA)

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A Joint Venture Section 25 Company promoted jointly by



Confederation of Indian Industry



Technology Development Board
Department of Science & Technology
Government of India

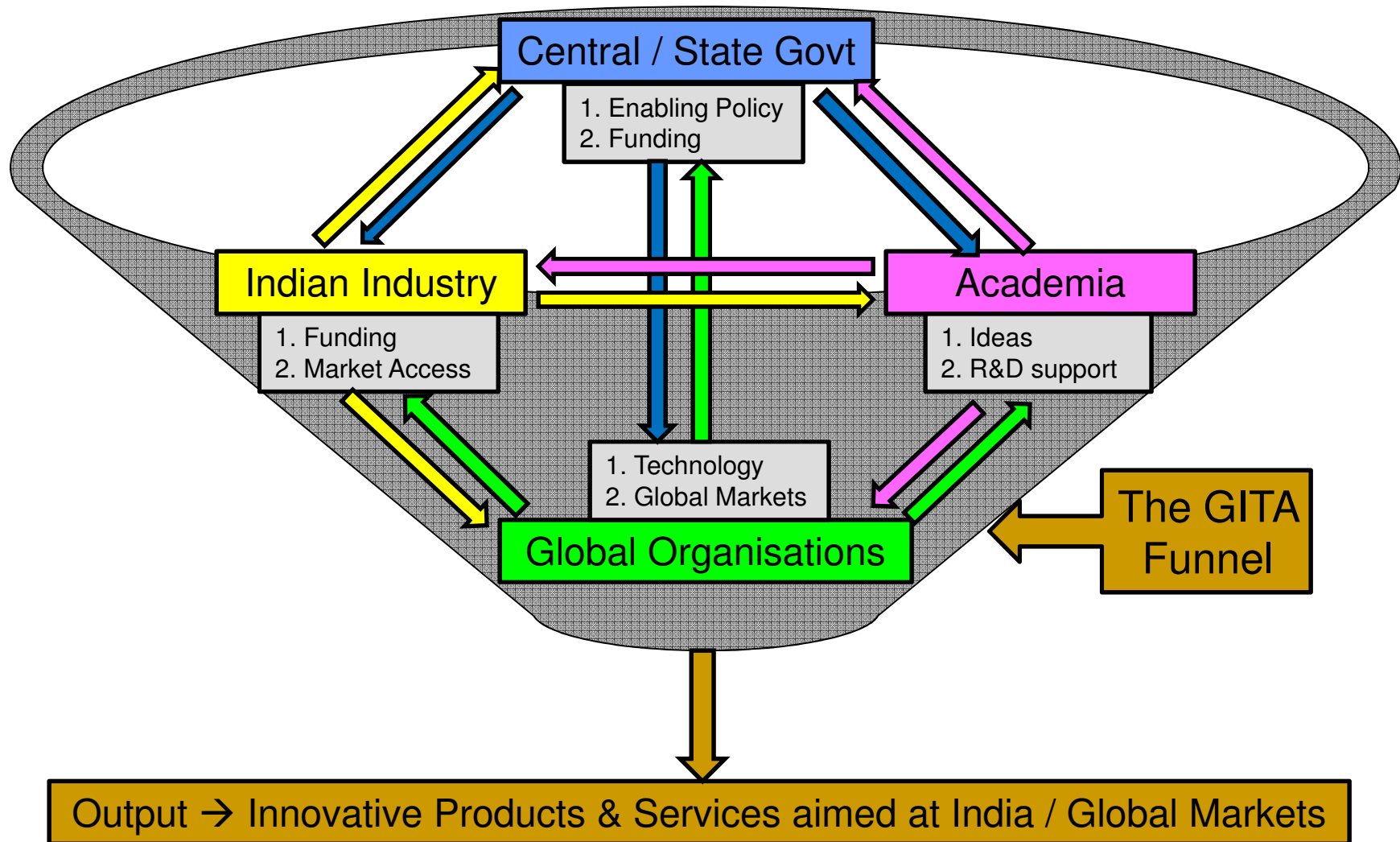
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What is GITA ?

- **A unique institution** for providing demand-driven Technology solutions through Institutional & Global alliances via a competitive process
- **An one-stop-shop** for forging frontline Global technological alliances for Indian companies for achieving leadership in Global & Domestic markets
- **An Innovative mechanism** between Govt of India and Indian industry for attracting Indian industry's investment in technology by **Mapping** technology gaps, **Evaluating** technology offers across the globe on appropriateness from techno-economic perspective for India, **Connecting** among technology developers, providers, commercializers, **Funding** last phase of technology development that connects the market and **Deployment** of technology solutions

The GITA Innovation Ecosystem



GITA's USP

- **Unique Public–Private–Partnership** (PPP) between the Govt of India (GoI) and Indian Industry (CII), leveraging on the collective strengths.
- Manned by **Professionals** for effective **Fund Management**, Transparent **Evaluation** of project proposals and quick & efficient **Disbursal** process.
- **Flexible funding mechanism** (Loan / Grant / Equity) to cater to different needs through **Competitive Process**
- For the **Govt** – GITA provides outreach to Industry, Technology & Markets, not only in India but across the world.
- For **Global Organisations** – GITA is the gateway for access to the Indian market & Technology partners.
- For **Academic Institutions** – GITA is the link for funding of Industrial R&D and providing market access for their R&D output.
- For **Industry** – Access to Technology, Funding & enabling Project Management support.

Board of Directors (as on date)

From Industry

- Mr Vikram Kirloskar, Chairman, GITA & Vice Chairman, **Toyota Kirloskar Motors Pvt.Ltd.**
- Mr S Gopalakrishnan, Co-founder & Executive Co-Chairman, **Infosys Ltd.**
- Mr R Mukundan, Managing Director, **Tata Chemicals Ltd.**
- Mr Deep Kapuria, Chairman, **Hi-Tech Gears Ltd.**
- Mr Navroze Jamshyd Godrej, **Godrej & Boyce Mfg.Co.Ltd.**

From Govt of India

- Mr Harkesh Mittal, Co-Chairman, GITA & Secretary, **Technology Development Board (TDB)**
- Ms Anjali Prasad, AS, DIPP, **Ministry of Commerce & Industry (MoCI)**
- Dr Arabinda Mitra, Head – International Bi-lateral Co-operation, **DST**
- Ms Anuradha Mitra, JS & Financial Adviser, **DST**
- Mr S N Tripathi, JS-ARI, **MSME**
- Mr Prabhat Kumar, JS-ES&ITP, **MEA**

Govt Funds being managed by GITA

Ongoing Programs

1. DST's India–**Israel** Industrial R&D Fund
2. DST's India–**Canada** Industrial R&D Fund

Being launched in 2013

1. DST's India–**UK** Industrial R&D Fund
2. DST's India–**Spain** Industrial R&D Fund
3. DST's India–**Finland** Industrial Fund
4. DST's India–**South Korea** Industrial R&D Fund
5. **DIPP**'s Technology Acquisition & Development Fund

Current GITA Projects (of DST)

1. Hand Held Thermal Imager (HHTI) for Homeland Security
2. Aircraft Integrated Development Environment Tool for a New Generation Regional Transport Aircraft
3. Application of Biofuels for Aviation
4. Next Generation of Interoperable GeoPortal (iGP) Solution for the emerging Spatial Data Infrastructure
5. Broadband over Power Line Technology to Connect Adjoining Villages in India using Existing Power Lines
6. Development of a High-tech Controller Subsystem
7. Water Production Solutions for Civil & Industrial Applications – Water from Air & Water treatment units
8. ZeTrucks / Ze Mobiles – a fuel cell hybrid mini truck
9. Biopanel Manufacturing from Rice Straw & Digestate using Green Adhesives
10. Intelligent City Framework – a Scalable Information Infrastructure for Urban Decision Support
11. Mobile Authentication & Fraud Detection
12. Decision Support System to Enhance Safety of Railway Track Workers
13. Microfibre-based Innovative Structural Auto-parts
14. Enabling Technologies for Intelligent Wireless Sensor Network for Health & Environmental Monitoring

Current Projects Partners

Industry Partners

1. Alpha Design Technologies Pvt Ltd., Bangalore
2. CAE India, Bangalore
3. Infotech Enterprises, Hyderabad
4. HPCL Mumbai
5. IOCL Faridabad
6. Maple Leaf India Pvt Ltd, New Delhi
7. Accel Frontline Ltd, Chennai
8. BGR Energy Systems Ltd, Chennai
9. Mahindra & Mahindra Ltd., Chennai
10. Sarda Plywood Industries Ltd , Kolkata

Institution Partners

1. NAL, Bangalore
2. IISc Bangalore
3. IIT Kanpur
4. IIP Dehradun
5. JNTU, Hyderabad
6. IIIT Allahabad
7. Indian Plywood Industries Research & Training Institute, Bangalore
8. Indian Railways
9. CIPET, Chennai
10. IIT Rajasthan

Global Partners

1. ITL Optronics Ltd, Israel
2. CAE Inc., Canada
3. Pratt & Whitney Canada
4. National Research Centre (NRC), Canada
5. Laval University, Canada
6. McGill University, Canada
7. Ryerson University, Canada
8. Cubewerx Inc., Canada
9. Corinex Communication, Canada
10. Shiratech, Israel
11. Water-Gen Ltd., Israel

Current Projects Partners...contd

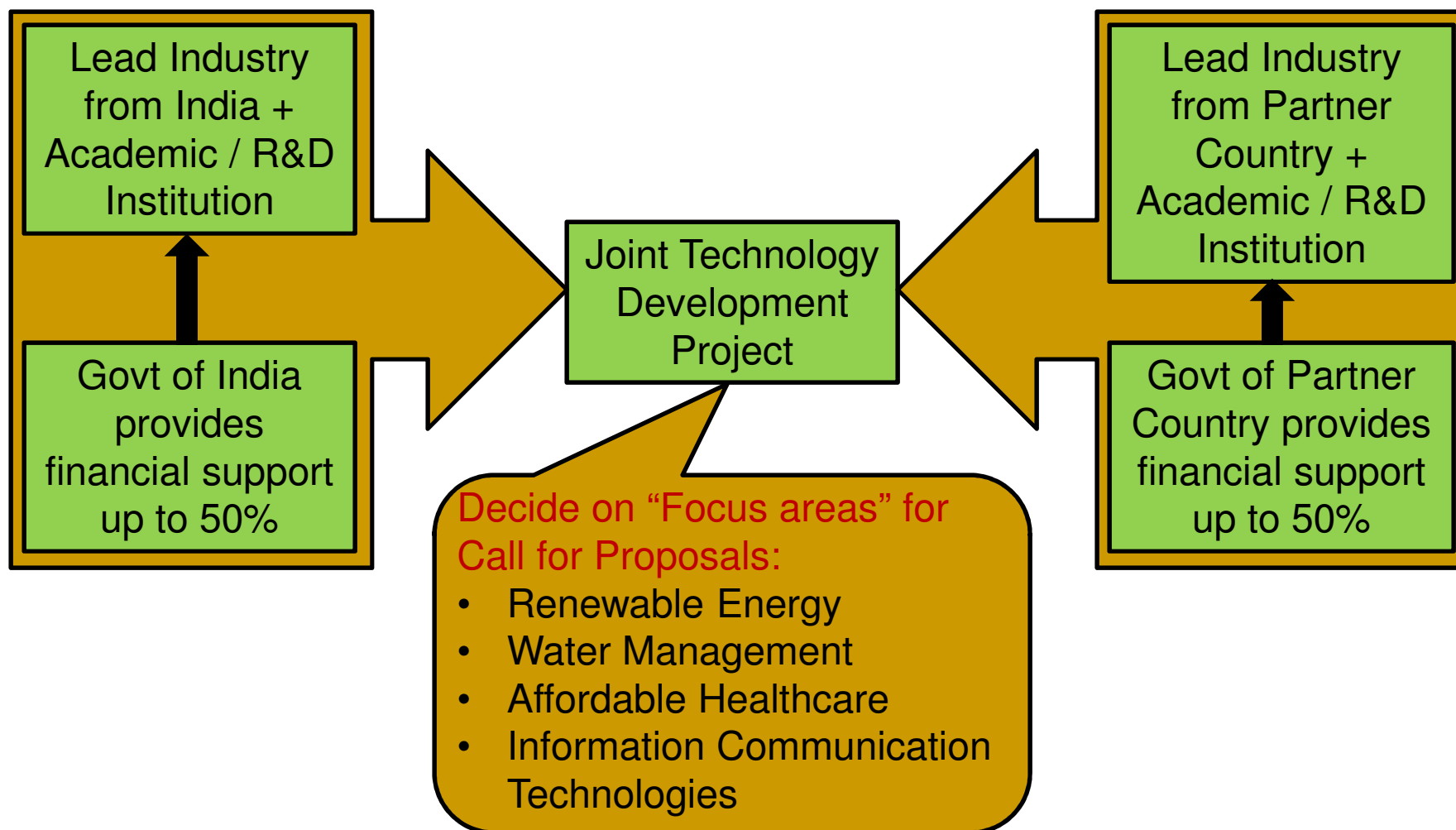
Industry Partners

11. Navayuga Spatial Tech Pvt. Ltd., New Delhi
12. Geo Spatial Delhi Ltd, Delhi
13. MobME Wireless Solutions Pvt. Ltd., Kacheripadi
14. IAITO Infotech Ltd., Kanpur
15. Harita NTI, Chennai
16. Freescale Semiconductors India Pvt Ltd., Noida
17. Infosys Tech Ltd., Bangalore

Global Partners

12. Ballard Power Systems Burnaby, BC, Canada
13. Simon Fraser University, Canada
14. Bayview Flowers Ltd, Canada
15. University of Toronto, Canada
16. Galdos Systems Inc, Vancouver, Canada
17. Zighra, Ottawa, Canada
18. Carleton University, Canada
19. McMaster University, Canada
20. Bombardier, Canada
21. Ford Motor Co, Canada
22. University of Windsor, Canada
23. University of Waterloo, Canada
24. Research in Motion (RIM), Canada
25. ON Semiconductor, Canada
26. TR Labs, Canada

Bilateral Program Structure



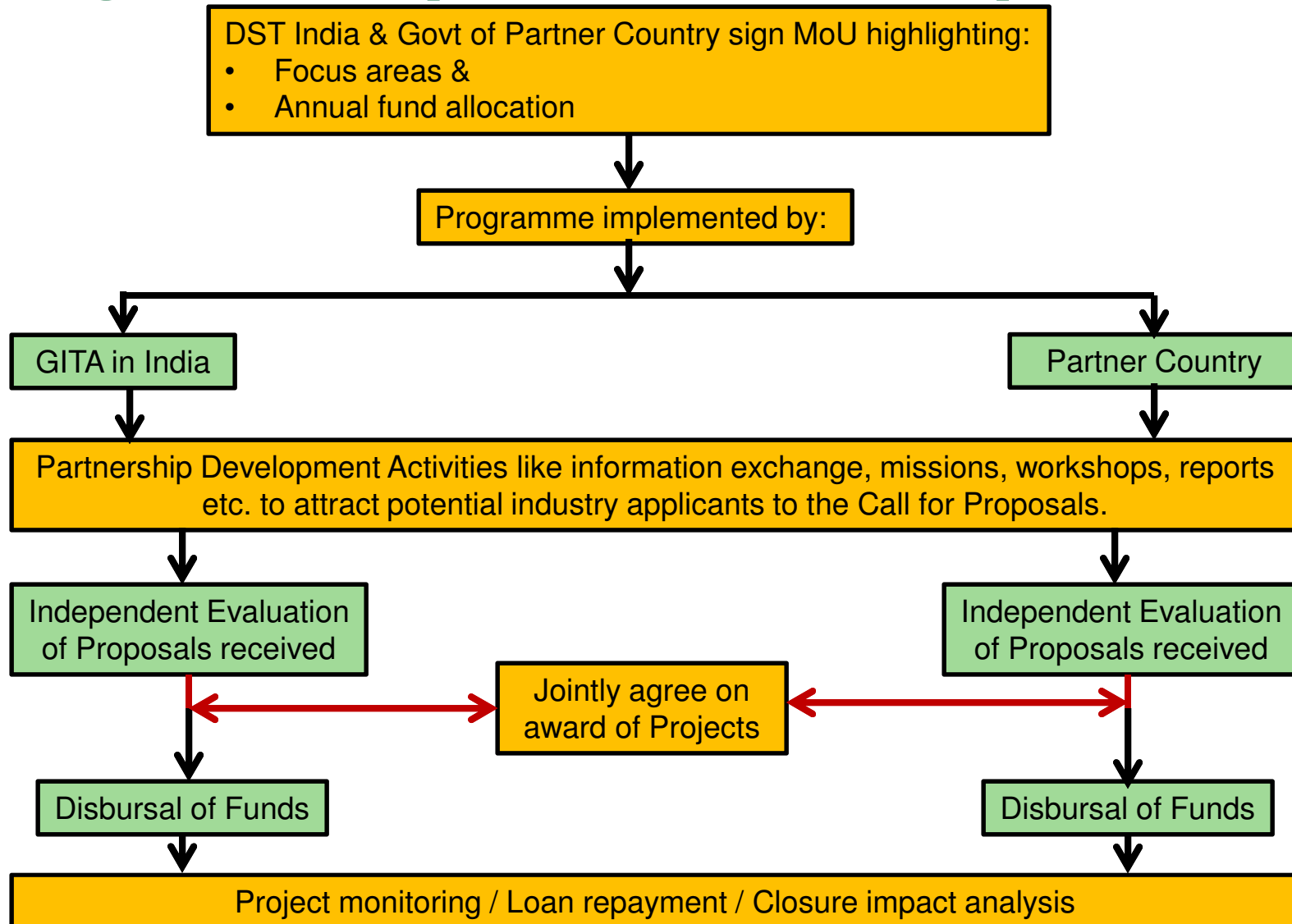
Bilateral Program Structure

- Typically one **lead Industry from India** and one **lead Industry from Partner Country** (in partnership with Academic / R&D Institution) come forward to jointly develop technology in mutually agreed focus areas, with high market potential in 2–3 year's time frame.
- The total **Project Cost should have 2 components** – Indian Industry Cost (to be incurred in India) and Partner Country Industry Cost (to be incurred in Partner Country)
- **Both the governments provide financial support**, up to 50% of their respective country cost, to their industry applicant.

Types of Projects for Financial Support

- Joint Research & Development
- Joint Deployment through Pilot Production, Testing, Market Access, etc.
- Projects should be Innovative, user–need based and market–driven, leading to New Product or Process & eventual Commercialization
- Duration of the project should not be more than 24 months from the date of receipt of fund

Program implementation process



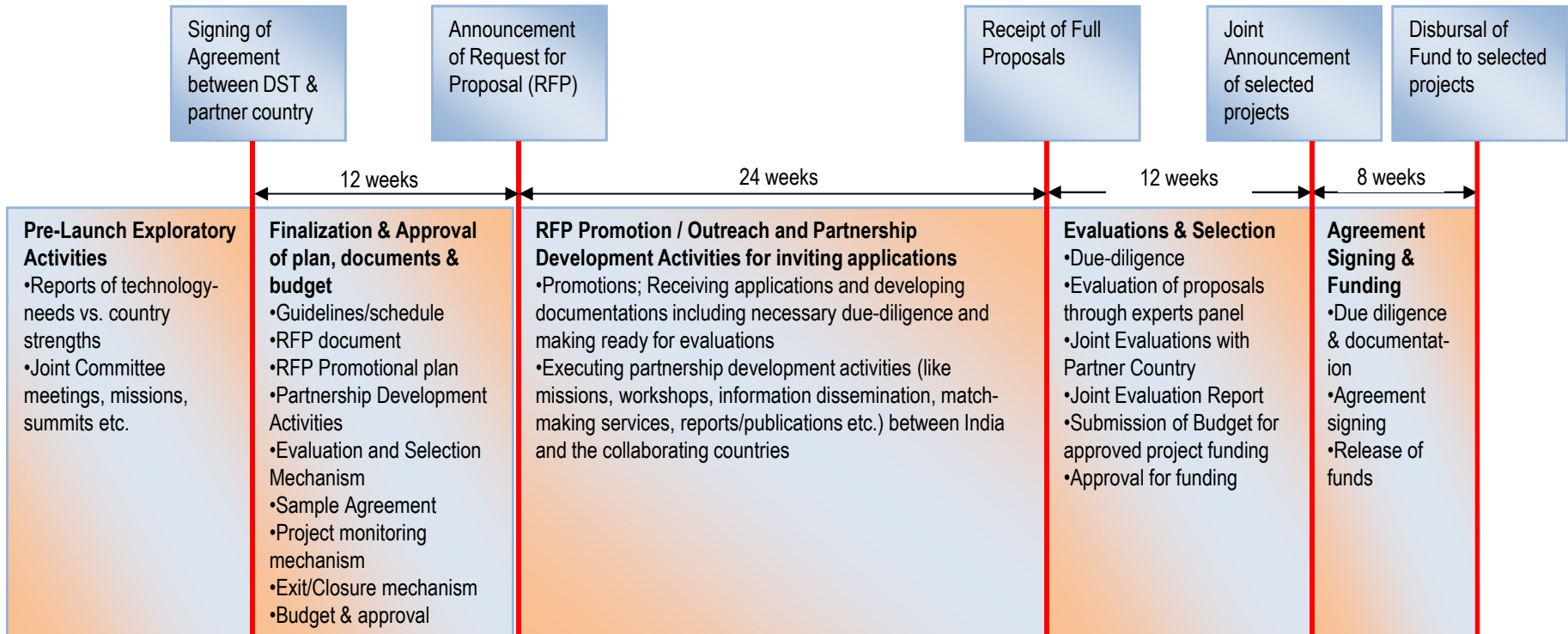
Program implementation process

- DST India & Govt of Partner Country sign MoU highlighting the **focus areas & annual fund allocation** for such program's.
- **Program is implemented by an arm's-length organisation**, manned by professionals, on both sides, to do the following:
 - Partnership Development Activities like information exchange, missions, workshops, reports etc. to develop partnerships between industries who will be the potential applicants to the program
 - Joint Request for Proposal (RfP) is floated to invite applications in both countries.
 - Independent evaluation of proposals is done by each country.
 - Both countries **jointly agree on award of projects**.
 - Followed by disbursement of funds to lead Industry partner based on project milestones.
 - Project monitoring / Loan repayment / Closure impact analysis.

Focus Sectors

- Agriculture / Food Processing
- Healthcare
- Renewable Energy Technologies
- Water Purification / Waste Water Treatment
- Information & Communication Technologies (ICT)
- Bio–Technology
- Earth Sciences & Disaster Management
- Nanoscience / Nanotechnology
- Space Science & Technology
- Life Sciences
- Treatment of Municipal / Industrial / Bio–hazardous Waste
- Energy Efficiency – covering Appliances, Industrial Energy Efficiency & Green Buildings
- Green Mobility
- Clean Coal Technologies

Timelines



Technology Acquisition & Development Fund

1. It is proposed to manage DIPP's Technology Acquisition & Development Fund (TADF) under National Manufacturing Policy
2. Under TADF, Indian MSME's will be provided the following assistance for "Green Manufacturing"
 - a) Direct funding support for Technology Acquisitions
 - b) Indirect funding support through Patent pools
 - c) Incentives for Energy, Environment & Water Audits
 - d) Incentives for construction of Green Buildings
 - e) Subsidy for implementing Waste Water Treatment facilities
 - f) Subsidy for manufacturing EE / Water Conservation / Pollution Control equipment
3. GITA is proposed to be implementing TADF scheme & managing the fund under overall supervision & approval of Green Manufacturing Advisory Council chaired by SIPP.

www.gita.org.in