



EXPRESSION OF INTEREST (EOI)

Invitation to Join REACH (Research & Equipment Access Collaborative Hub)

- **EOI Reference:** I-STEM/REACH/2026/01
- **Issuing Authority:** Indian Science Technology and Engineering facilities Map (I-STEM), Office of the Principal Scientific Adviser (PSA), Government of India
- **Target Audience:** Private R&D Centres, Corporate R&D Units, Commercial Tech Parks, Deep-Tech Incubators & Accelerators, Government R&D Laboratories, and Independent / NABL-Accredited Testing Facilities across India
- **Official Intake:** Rolling Basis / Open

1. Executive Overview

The **Indian Science Technology and Engineering facilities Map (I-STEM)** is a national initiative of the Office of the Principal Scientific Adviser (PSA), Government of India, designed to make publicly funded R&D infrastructure accessible to researchers, startups, and industries nationwide.

While the core I-STEM portal enables broad infrastructure discovery and inventory mapping, **REACH (Research & Equipment Access Collaborative Hub)** serves as its **premium, high-reliability operational network**. REACH pivots the ecosystem from passive equipment listing to an active, SLA-backed operational model designed for high velocity, predictable turnarounds, and cross-sector collaboration.

Engineered as a two-sided enterprise network, REACH enables participating organizations to act simultaneously as **service providers** (monetizing idle machine capacity) and **resource consumers** (sourcing specialized national testing services to accelerate internal R&D).

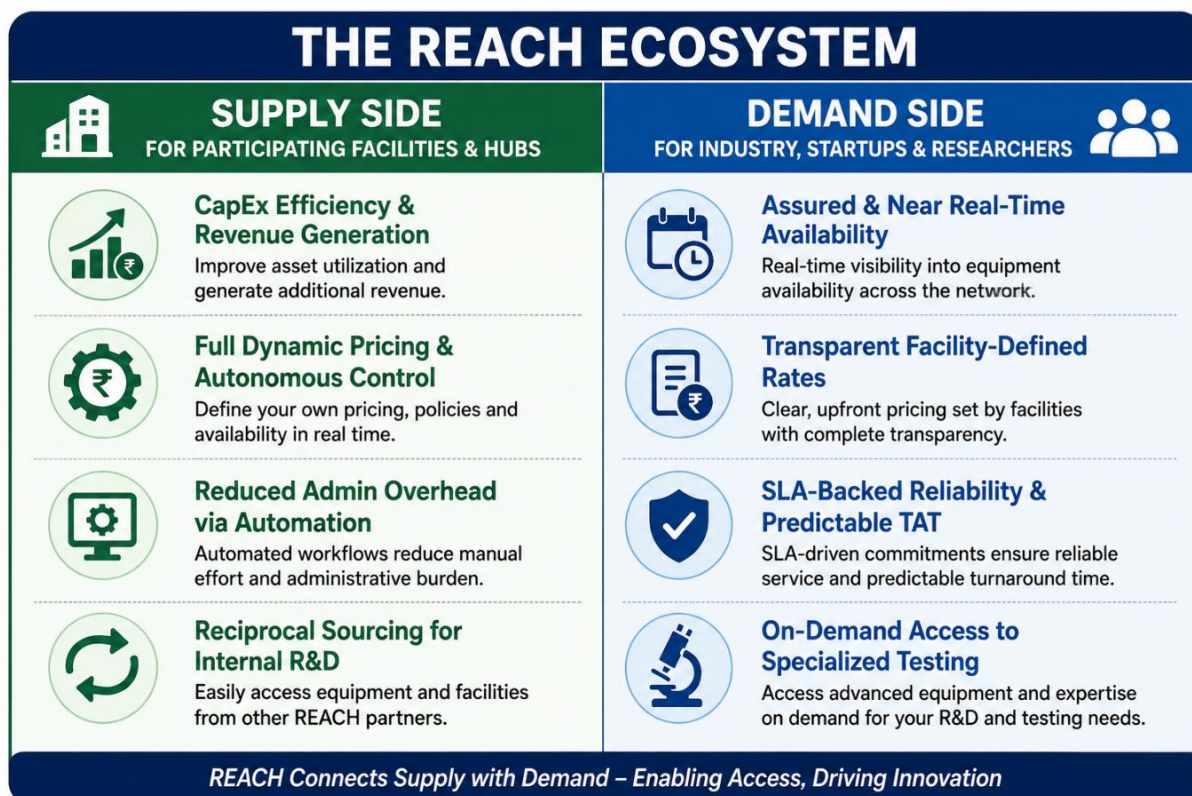
I-STEM invites eligible public and private entities to submit their Expression of Interest to join REACH as **Founding Network Partners**.



2. Key Strategic Objectives

- **Establish an SLA-Certified National Network:** Build a curated ecosystem of premier, high-performance scientific facilities operating on predictable turnarounds and standardized service quality.
- **Drive CapEx & Asset Optimization:** Maximize equipment utilization by exposing real-time off-peak capacity to verified national demand.
- **Enable Dynamic Autonomous Control:** Equip facility owners with dynamic, autonomous pricing tools and real-time slot scheduling to optimize operational revenue and balance workloads.
- **Streamline Reciprocal R&D Workflows:** Lower procurement and testing friction for Industry, Startups, MSMEs, and Researchers through automated digital bookings and transparent SLA tracking.
- **Build High-Value B2B Collaboration Pipelines:** Facilitate direct technology transfer, co-development, and deep-tech partnerships across industry, government, and corporate boundaries.

3. The REACH Dual Value Proposition





A. For Participating Facilities, Tech Parks & Lab Owners

- ✓ **CapEx Efficiency & Revenue Generation:** Monetize unutilized off-peak machine hours and turn isolated cost centers into revenue-generating collaborative nodes.
- ✓ **Autonomous Operational Control:** Retain 100% authority over facility access criteria, user validation, booking schedules, and facility-defined dynamic pricing strategies.
- ✓ **Workflow Automation:** Eliminate manual coordination and administrative delays through integrated digital scheduling, automated booking pipelines, and real-time utilization dashboards.
- ✓ **Reciprocal Ecosystem Sourcing:** Use the broader REACH network to effortlessly source external high-end instrumentation required for native R&D projects without buying secondary machinery.

B. For Innovators, Industry Users, MSMEs & Researchers

- ✓ **Near Real-Time Availability:** Access live slot visibility and instant scheduling to eliminate waiting times for mission-critical analytical and testing services.
- ✓ **Transparent Pricing:** Compare facility capabilities, schedules, and dynamic pricing upfront to balance budget, speed, and location.
- ✓ **Reliable Service Level Agreements (SLAs):** Rely on SLA-backed turnaround times and curated high-end performance to shorten product time-to-market.
- ✓ **CapEx-Light R&D Expansion:** Validate products and scale advanced manufacturing without sinking capital into expensive specialized equipment.

4. Eligibility Criteria

A. Eligible Organizations

Expressions of Interest are invited from public and private entities managing scientific infrastructure:

- Corporate R&D Units & Commercial Research Parks
- Deep-Tech Incubators, Accelerators & Innovation Hubs
- Government R&D Laboratories
- Independent & NABL-Accredited Testing / Calibration Laboratories



B. Infrastructure Scope

Facilities possessing high-value operational assets, including:

- Advanced Analytical & Characterization Instrumentation Labs
- Industrial Testing, Calibration & Quality Assurance Labs
- Micro/Nano Fabrication Cleanrooms & Prototyping Infrastructure
- Specialized Pilot Plants & Advanced Manufacturing Facilities

5. Scope of Participation & Onboarding Roadmap

[1] EOI Submission —► [2] Review & Audit —► [3] SLA & Rate Alignment —► [4] Designation & Activation

1. **Submission of EOI:** Facility submits the online application highlighting equipment capabilities and operational readiness.
2. **Preliminary Assessment:** I-STEM team reviews facility infrastructure, capacity, and service credentials.
3. **SLA & Framework Alignment:** Joint alignment on service turnarounds, operational workflows, and dynamic pricing parameters.
4. **Designation & Dashboard Activation:** Official onboarding as a **REACH Founding Network Partner** and launch of live booking management on the platform.

6. Submission Details & Official Enquiries

Interested facilities and organizations are invited to submit their Expression of Interest via the official online portal.

- **Online EOI Application*:** Click [HERE](#) to Access Form
- **Official Desk Email:** reach@istem.co.in / support@istem.co.in
- **Toll-Free Support:** 1800-425-3281
- **Portals:** www.istem.gov.in / www.psa.gov.in/i-stem

****Important Notice:** Submission of an EOI does not automatically guarantee network onboarding. I-STEM reserves the right to evaluate applications based on infrastructure quality, operational capabilities, and regional/domain requirements. This EOI creates no binding financial or legal obligations on either party.*