

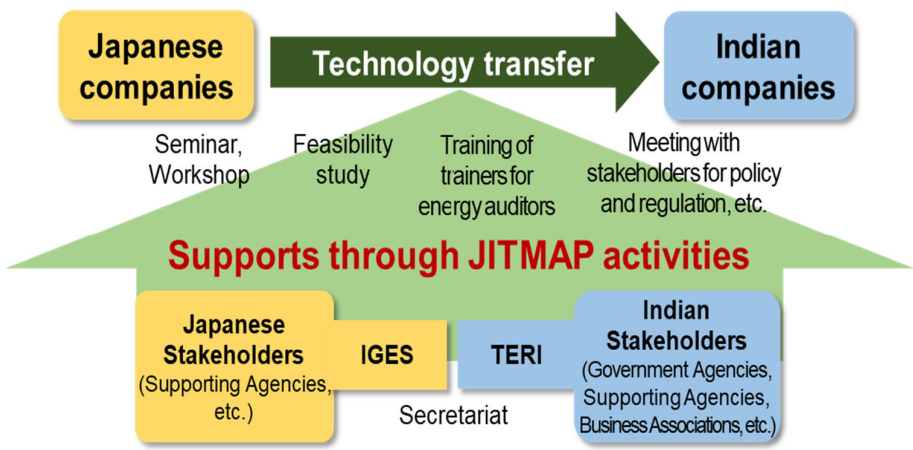
Japan-India Cooperation to Efficiently Promote Decarbonised and Sustainable Society in India

IGES-TERI long-term partnership through Japan-India Technology Matchmaking Platform (JITMAP)



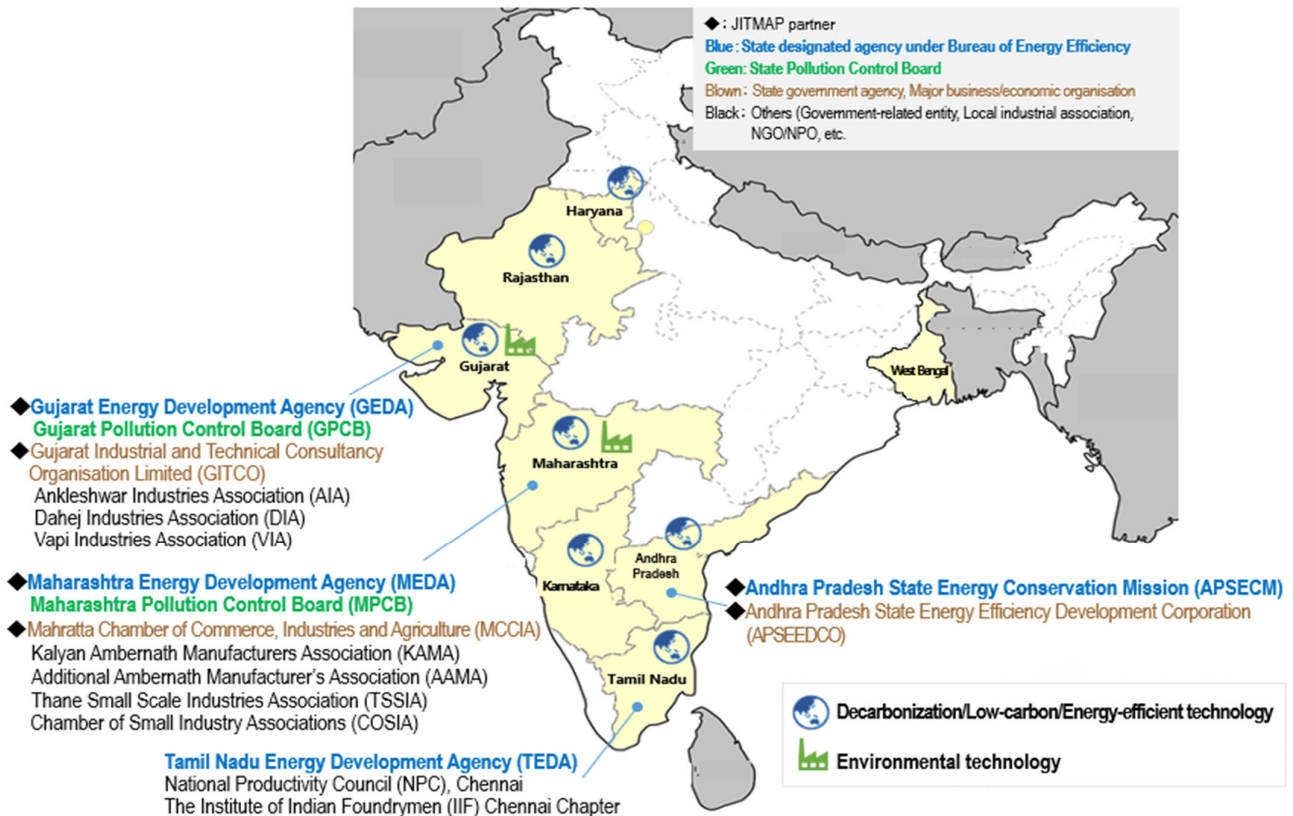
Japan-India Technology Matchmaking Platform (JITMAP)

- In order to promote **low-carbon technology (LCT)** transfer between Japan and India, IGES and TERI jointly launched the **Japan-India Technology Matchmaking Platform (JITMAP)** in July 2016 with the support of the Ministry of the Environment of Japan.
- JITMAP aims to match Japanese manufacturers of **Environmental Technologies (ETs)** with Indian companies that are looking for such technologies through seminars/workshops, feasibility studies, stakeholders meeting, and so on.



Structure of JITMAP

JITMAP Partners, Collaborators & Locations of the Activities



Examples of outcomes of JITMAP activities

Case 1] Approx. 30% energy saving by improving the operating practices

Activity:
Feasibility study (Sep.2017)
 Follow-up survey (Jan.2020)
Location: Maharashtra
Target industry: Automobile parts
Recommendations on the FS by the expert of compressed air system :
 To **replace** an outdated reciprocating air compressor with **an energy-efficient inverter compressor**.
 To improve the **operating practices** such as reducing the air leakage.



Findings in the follow-up survey:
 Implementing most of the recommendations, the company **reduced the annual power consumption by about 1.8 million kWh, which was equivalent to about 6 million.**

Case 2] Awareness raising of steam management system in a seminar by the state government

- **Date:** Feb. 2020 · **Venue:** Gujarat
- **Activity:** Introduction of **Steam Management System** of TLV International, Inc. in a seminar of the state government.
- **Implementing Partners:**
 - 1) **Gujarat Energy Development Agency (GEDA)**
 - 2) **National Productivity Council (NPC)**
- **Participants:** **About 120 Certified Energy Auditors and Energy Managers.**
- **Outputs:**



Understanding of participants for possibility of energy saving by using efficient steam valves and traps based on the results of feasibility studies in Indian industries was increased.

Examples of outcomes of JITMAP activities

Example 3] Awareness Seminar on “Promoting India-Japan collaboration on environment technologies (In cooperation with Japan Environmental Technology Association (JETA))

Date: February 14, 2023 · **Place:** Pune in Maharashtra

Objectives:

- to share experiences in India, Japan & other countries to tackle pollution.
- to introduce Japanese environmental technologies to participants.

Participants: About 65 participants from government agencies, energy-intensive companies, universities & research institutes, etc.

Outcomes:

It was found that **the government agencies welcomed Japanese cooperation in air quality monitoring.**

It was found that there are **local needs of improving technical capacities to tackle air pollution.**



Possible Approach towards Decarbonised and Sustainable Industry in India

JCM (Joint Crediting Mechanism) Project Feasibility Study [Synergy-Type]

Funded by: Ministry of the Environment, Japan

Objectives: To conduct feasibility studies for **implementing model synergistic JCM projects**, targeting Japan's JCM partner countries (including those currently in negotiation). This effort builds upon the achievements of past environmental cooperation in the Asian region and seeks **synergistic solutions**.

Eligible Projects: Eligible projects shall be those conducted by Japanese private companies, research institutions, universities, etc., to conduct **feasibility studies for implementing JCM projects that combine decarbonization with water and air environmental conservation (such as air pollution & water pollution)** tailored to the actual conditions of target countries, cities, etc., overseas. Note: Projects providing services related to waste treatment, or projects commissioned by treatment operators to construct facilities, are excluded.



JCM (Joint Crediting Mechanism) Project Feasibility Study [Synergy-Type] (continued)

Target Fields: The basic approach **combines decarbonization** (projects that contribute to reducing energy-related CO2 emissions and promote the formation of a decarbonized society) **with water and air environmental conservation**, such as addressing air pollution and water pollution. Industry sectors are not restricted. This excludes projects providing services related to waste treatment, etc., or projects undertaking facility construction commissioned by treatment operators, etc.

Target Countries: **JCM partner countries** and candidate countries (Brazil, Malaysia)

Project Period: Generally, the project period shall be **one fiscal year**. Even when conducting a study spanning multiple fiscal years, **applications must be submitted on a fiscal year basis**. Moreover, the implementation of a multi-year project is contingent upon securing the project budget for each fiscal year and does not guarantee implementation in subsequent years.



Thank you for your kind attention