

Webinar on Japan-India Partnership on Air Pollution Control Measures for Industrial Sector in India

~ Framing presentation~

9 December, 2021

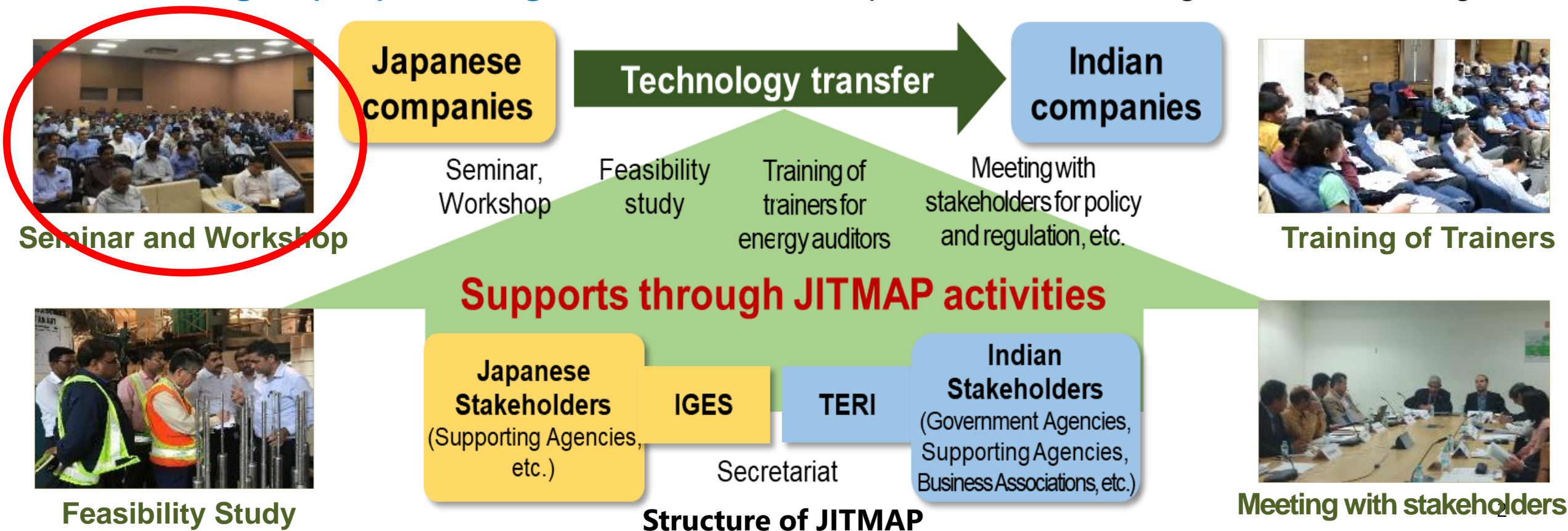
Satoshi Kojima

Programme Director, Kansai Research Centre, IGES



Japan-India Technology Matchmaking Platform (JITMAP)

- In order to promote low-carbon technology (LCT) transfer and diffusion in 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 is a multi-stakeholder platform to match Japanese manufacturers of **Environmental Technologies (ETs) including LCTs** with Indian companies that are looking for such technologies.



Environmental Cooperation between India and Japan at the national level

Memorandum of Cooperation between the Ministry of Environment, Forest and Climate Change, India (MoEFCC) and the Ministry of the Environment of Japan (MoEJ) in the field of Environmental Cooperation (signed in October 2018):

The objective is to promote greater cooperation between MoEFCC and MoEJ on matters relating to the environment, on a basis of equality, reciprocity and mutual benefit

Areas of Cooperation including Pollution Control (Air, Soil and Water), chemical and Waste Management, coastal and marine ecosystems, and so on.

Forms of Cooperation including: jointly organised seminars, workshops and meetings involving experts, scientists, government agencies and businesses, Bilateral exchange programme on environmental management and capacity building, regular dialogue, joint projects, and so on.

The First India–Japan High Level Policy Dialogue on Environment between MoEFCC and MoEJ (7 Sep 2021)

Areas discussed and policies confirmed for cooperation:

- (1) Climate Change, Fluorocarbons
- (2) Marine litter
- (3) Air Pollution**
- (4) Sustainable Technologies and Transports

Examples of Initiative and project tackling for improving the air pollution in India

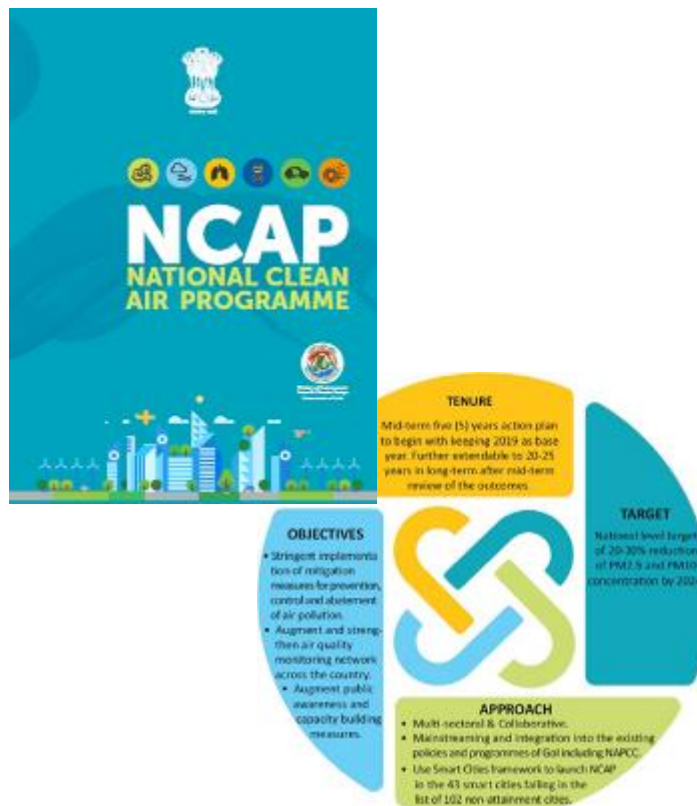
Japan's Blue Sky Initiatives

- In order to promote cooperation in controlling India's air pollution by making full use of Japanese knowledge and technology, the Embassy of Japan launched "Blue Sky Initiatives" in 2018.
- This initiative covers a range of modern technologies, products and projects produced by Japanese companies that can help India move towards an environment-friendly future.
- It will also help in collaborating with "Swachh Bharat Mission" to enhance health and sanitary sector.



Japan's Blue Sky Initiatives

Cooperated by
Embassy of Japan in India



National Clean Air Programme

Implemented by
Ministry of Environment, Forest and Climate
Change, Government of India



Pilot Emissions Trading Scheme for Particulate Matter, Surat

Implemented by
Gujarat Pollution Control Board (GPCB)

Webinar on Japan-India Partnership on Air Pollution Control Measures for Industrial Sector in India

- JITMAP's contribution to the result of the First India-Japan High Level Policy Dialogue -

What are the
issues to improve
air quality in India?

What needs to be
done for
better air quality?

Sharing experiences
in India/
other countries.

Main Focus of Webinar

**“How Japan and India should
work together to overcome
air pollution issues in India?”**

Exchanging
ideas and opinions
to overcome issues
/to work together.

Working together
for better control of
air pollution in India.

Strengthening cooperation
between India and Japan for
better air quality in India.

Thank you for your kind attention



JITMAP Activities

(For your reference)

Awareness Workshop on Japanese Environmental Technology

- JITMAP's contribution to the MOC between MoEF&CC and MoEJ -

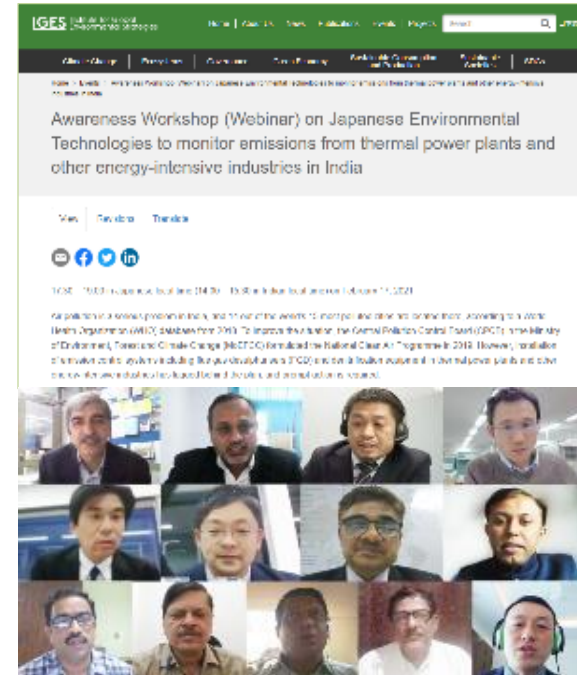
Date: 17 February 2021

Theme: Japanese technologies to monitor emissions from thermal power plants and other energy-intensive industries in India

Participants: about 140 participants; CPCB, energy and pollution control related organizations, public/private power plants, energy intensive companies, etc.

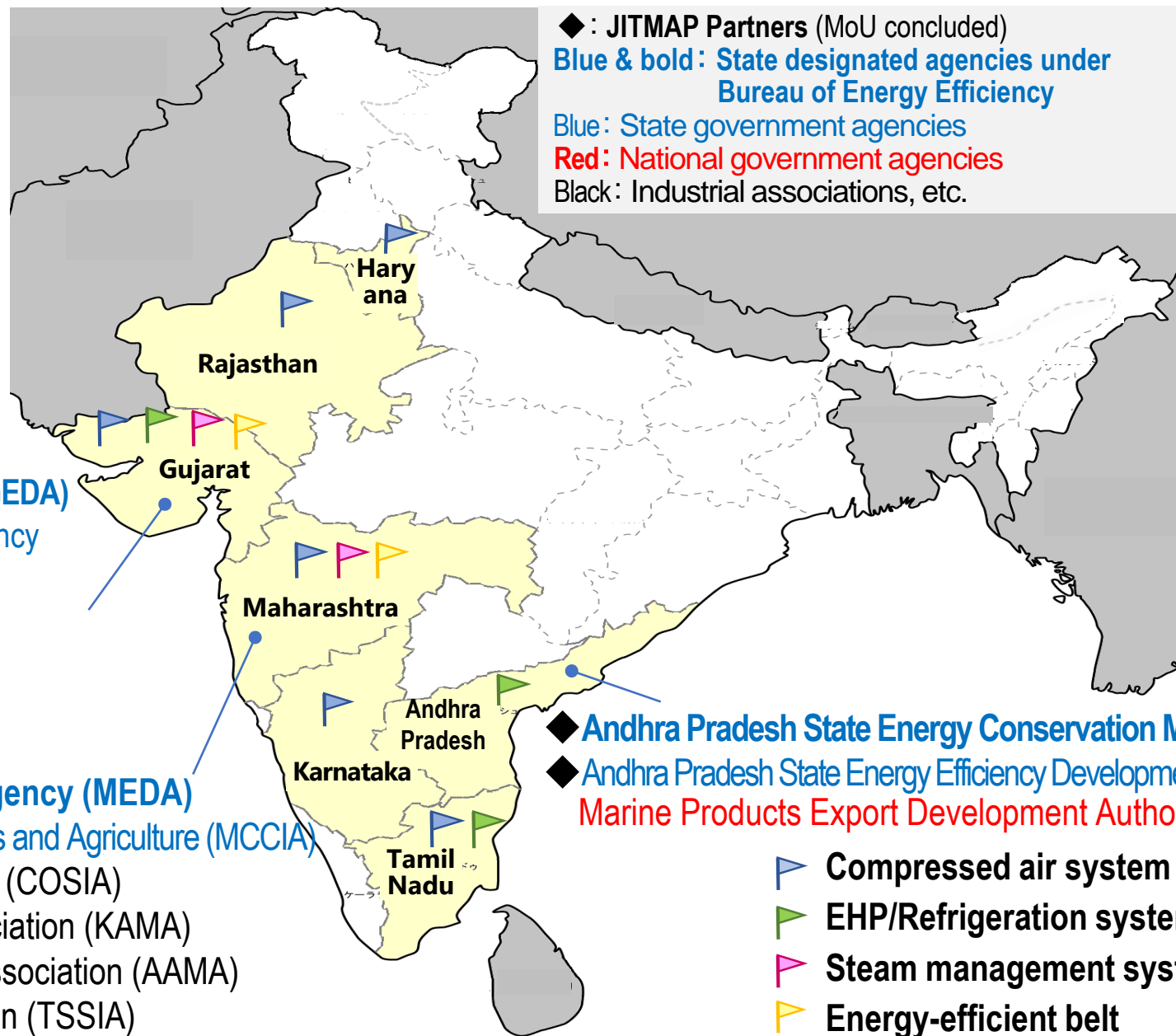
Way forward: the followings need to be planned and implemented;

- Lobbying the Governments of India and Japan on **the implementation of emission monitoring, auditing systems and penalties, especially to the CPCB and SPCBs** (e.g. Gujarat and Maharashtra).
- **Conducting a capacity building program on environmental technologies for Indian companies and officials of CPCB and SPCBs** to provide sufficient examples of good (successful) implementation and auditing cases of monitoring systems.
- Taking up the theme of **ambient air quality monitoring**, and conducting **activities to promote understanding, improve the monitoring systems and their accuracy targeting the CPCB and SPCBs.**



Report on the JITMAP website
<https://www.jitmap.org/>

JITMAP Partners & Locations of the Activities (FY2016~FY2019)



◆ **Gujarat Energy Development Agency (GEDA)**

◆ **Gujarat Industrial and Technical Consultancy Organisation Limited (GITCO)**

Ankleshwar Industries Association (AIA)

Dahej Industries Association (DIA)

Vapi Industries Association (VIA)

◆ **Maharashtra Energy Development Agency (MEDA)**

◆ **Mahratta Chamber of Commerce, Industries and Agriculture (MCCIA)**

Chamber of Small Industry Associations (COSIA)

Kalyan Ambernath Manufacturers Association (KAMA)

Additional Ambernath Manufacturer's Association (AAMA)

Thane Small Scale Industries Association (TSSIA)

◆ **Andhra Pradesh State Energy Conservation Mission (APSECM)**

◆ **Andhra Pradesh State Energy Efficiency Development Corporation (APSEEDCO)**

Marine Products Export Development Authority (MPEDA)

JITMAP Activities (FY2016~FY2020)

Seminars and workshops:

Total: 13

Compressed air system: 5
EHP/Refrigeration system: 2
Steam management system: 4
Energy-efficient belt: 1

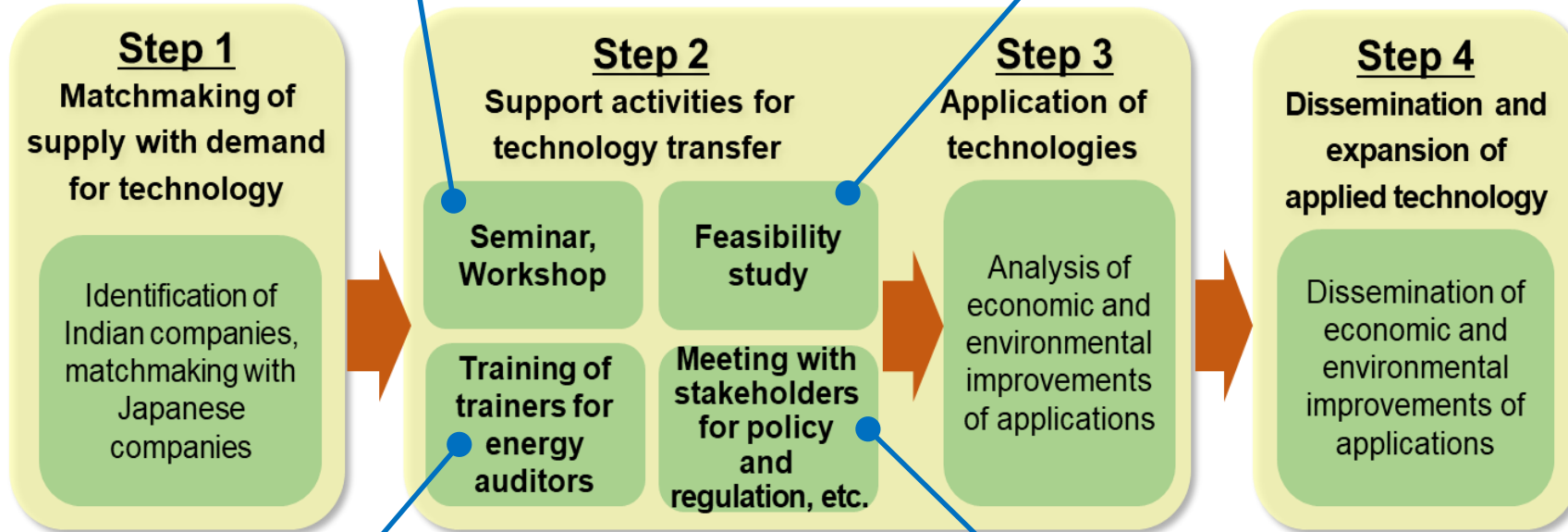
CEMS: 1



Feasibility study (preliminary energy audit):

Total: 54

Compressed air system: 21
EHP/Refrigeration system: 13
Steam management system: 14
Energy-efficient belt: 6



Training of trainers:

Total: 5

Compressed air system: 5



Meeting with stakeholders:

Total: 5

Compressed air system: 2
EHP/Refrigeration system: 2
Energy-efficient belt: 1

