

**Progress Report of
the Japan Industrial Townships (JITs) in India
<Japanese Side>**

February 2023

Ministry of Economy, Trade and Industry (METI)
Government of Japan

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Abbreviations

AOTS : The Association for Overseas Technical
Cooperation and Sustainable Partnerships

APEDB : Andhra Pradesh Economic Development
Board

BCIC : Bangalore Chamber of Commerce and
Industries

BSC : Business Support Center

CBIC : Chennai- Bengaluru Industrial Corridor

CDG: Chief Director General

CFS : Container Freight Station

CM : Chief Minister

DG: Director General

DMIC : Delhi–Mumbai Industrial Corridor Project

DMICDC : Delhi Mumbai Industrial Corridor
Development Corporation Limited

DPIIT: Department for Promotion of Industry and
Internal Trade

GIPP : Gujarat Investment Promotion Program

GoGJ : Government of Gujarat

Gol : Government of India

GoRJ : Government of Rajasthan

GoTN : Government of Tamil Nadu

ICD : Inland Container Depot

IIT : Indian Institutes of Technology

IJICP: India-Japan Industrial Competitiveness
Partnership

JCCIC : Japan Chamber of Commerce and Industry, Chennai

JCCII: Japan Chamber of Commerce and Industry in India

JEC : Japanese Endowed Course

JETRO : Japan External Trade Organization

JICA : Japan International Cooperation Agency

JIM : Japan-India Institute for Manufacturing

JITs : Japan Industrial Townships

LDB : Logistics Data Bank

METI : Ministry of Economy, Trade and Industry

MIDC : Maharashtra Industrial Development Corporation

MoC : Memorandum of cooperation

MoCI: Ministry of Commerce and Industry

MoU : Memorandum of understanding

MPCB : Maharashtra Pollution Control Board

NEDO : New Energy and Industrial Technology Development
Organization

NICDC : National Industrial Corridor Development Corporation Ltd.

ODA : Official Development Assistance

OJT : On the Job Training

PV : Photovoltaic

RFID : radio frequency identifier

RIICO : Rajasthan State Industrial Development and Investment
Corporation

SIPCOT : State Industries Promotion Corporation of Tamil Nadu Ltd

- (1) “Japan Industrial Townships (JITs)” were agreed to be developed as one of the initiatives in “the Japan-India Investment Promotion Partnership” announced by Prime Minister Shinzo Abe and Prime Minister Narendra Modi in September 2014.
- (2) In April 2015, Minister of METI Yoichi Miyazawa and Minister of MoCI Nirmala Sitharaman signed “India-Japan Investment and Trade Promotion and Asia-Pacific Economic Integration” and agreed to take steps to develop 11 potential sites as JITs in India. Later, Pithanpur Industrial Area, Madhya Pradesh was also designated as a JIT (Total number of JITs is 12).
→ JITs are designed as integrated industrial parks so that Japanese companies can smoothly establish production sites and operate their business, thereby facilitating their investment in India and contributing to policies of India such as “Make in India/Make for World”.
- (3) In March 2022, Prime Minister Fumio Kishida and Prime Minister Narendra Modi expressed their intention to realize JPY 5 trillion of public and private investment and financing from Japan to India in the next five years following the successfully achieved investment target of JPY 3.5 trillion announced in 2014.
→ In this context, India-Japan Industrial Competitiveness Partnership (IJICP) Roadmap was formulated between METI and DPIIT, including setting up of JITs Working Group (WG).

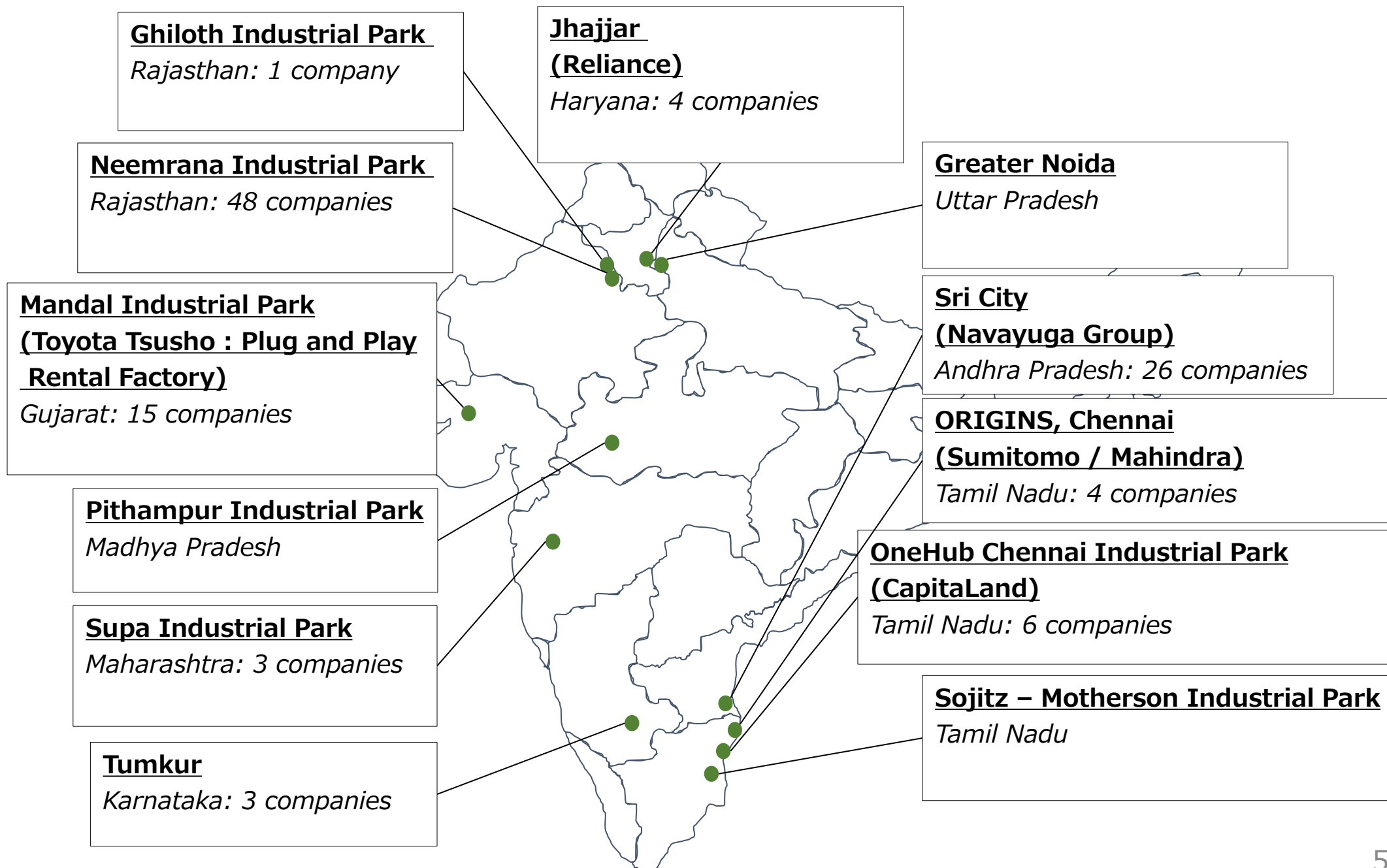
(4) 1st JIITs WG was held between METI and DPIIT on 20th February 2023, in order to monitor the progress and serve to enhance communication between relevant stakeholders of Japan and India for addressing issues faced by Japanese companies.

→Promotion and effective utilization of JIITs are further important to implement the above target of JPY 5 trillion financing and investment and to materialize the initiative under IJICP.

(5) This report summarizes the efforts and achievements by Japan for 12 JIITs in 9 states in India. (“□” in the following pages represents efforts and achievements which had taken place since December 2021, while “●” represents those before then)

(6) India has also prepared its own progress report with regard to its efforts to improve business environment of JIITs.

Locations of JIITs in Progress Report



Overall Progress of JITs

Status of JITs investment by Japanese Companies

- ❑ 110 Japanese companies are active* in 9 JITs. *Operation, construction, land-contract, contract-negotiation
- ❑ Net increase of 5 companies/Flow increase of 7 companies compared to that in November 2021.
- ❑ The impact of the JITs has been estimated at least around INR 150 billion total investment and around 35 thousand employment.
- ❑ Acceleration of physical interaction such as mission visits and events due to the ease of travel restriction etc.

Promotion by METI for overall JITs

❑ Review Meeting of JITs between METI and DPIIT (February 2022)

- Co-chair : Deputy Director General, METI and Additional Secretary, DPIIT

【Japan】 METI, Embassy of Japan in India, JETRO New Delhi

【India】 DPIIT, MEA, Invest India, Embassy of India in Japan, related state governments.

→Both sides exchanged each progress report and reviewed the progress of JITs of year 2021 and the policies of both governments for further facilitation of investment in India.

❑ Review Meeting of JITs in Tamil Nadu (TN) between METI and TN State (April 2022)

→Please refer to Page 18.

❑ 1st Fast-Track Mechanism (India) (January 2023)

- Co-chair: Minister, Embassy of Japan in India and Joint Secretary, DPIIT

【Japan】 METI, Embassy of Japan in India, JETRO New Delhi, JICA and representatives of JCCII

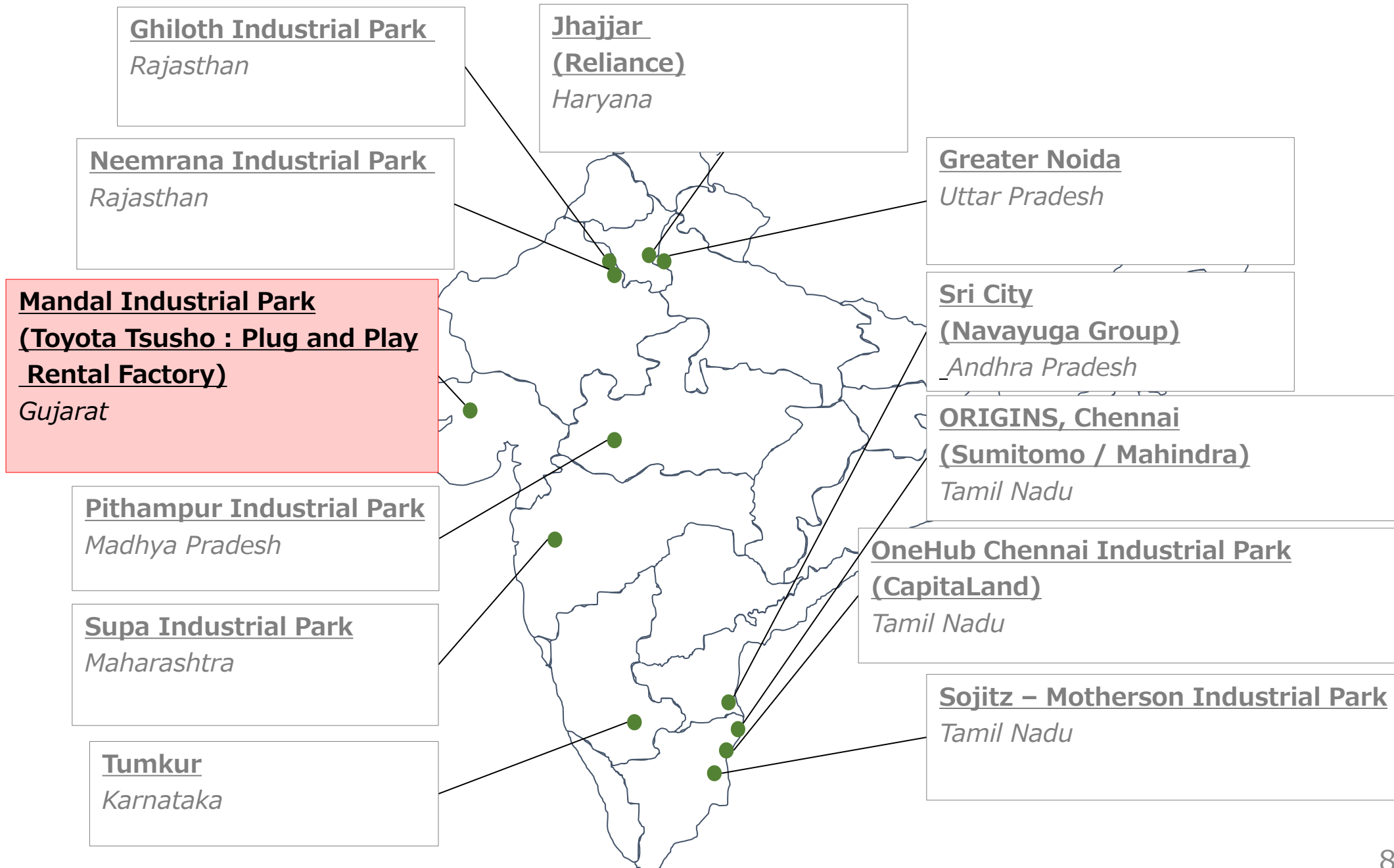
【India】 DPIIT, MEA, related Departments of GoI and State Governments, Invest India, Embassy of India in Japan.

→JCCII raised 15 issues including JITs-related issues for enhancement of business environment in India, followed by the clarification or instruction for further follow-up by Indian side.

1. Gujarat

➤ *Mandal Industrial Park*

Locations of JIITs in Progress Report



1. Gujarat

Status of JIITs investment by Japanese Companies

- ❑ 15 Japanese companies are active in Mandal Industrial Park.

Industrial Infrastructure

- ❑ NICDC LDB Project
[Coverage] Port: Mundra, Hazira, Kandla, Pipavav Toll Plaza(8), CFS(24) , Empty Yard(47)
- Concessional ODA loan of approx. ¥16.8B under JICA's "Gujarat Investment Promotion Program (GIPP)" (2017 - 2019) was utilized for infrastructure development: Loan agreement in Sept. 2017, 1st Disbursement JPY6,731 million in March 2018, 2nd Disbursement JPY5,047 million in February 2019, the final Disbursement JYP 5,030 million in February 2020. Ex-post Evaluation of this project is under process.

Promotion by METI (Human Resource Development)

- ❑ 6 JIMs have been launched as of January 2023.
- ❑ 3 JIMs was additionally launched in Gujarat in 2022.
- JIM (Japan-India Institute for Manufacturing) by Toyota Tsusho India Pvt. Ltd. in Mandal opened in September 2018 to train the young people in Gujarat with practical skills and disciplines required at the manufacturing sites.

JIM by Toyota Tsusho (in Mandal)



- Toyota Tsusho operates JIM in the Mandal Industrial Zone in Gujarat

* Photos by Toyota Tsusho

1. Gujarat

Promotion by JETRO (Business Support Centre)

- JETRO opened Ahmedabad Office in November 2017 to accelerate the Japanese investments to Gujarat and JIT. This office is 5th JETRO office in India.
- JETRO established BSC in July 2018 at its Ahmedabad Office to support Japanese investors (short-term rental office/specialized advices) inaugurated by Hon'ble CM Shri Vijay Rupani.
- JETRO Team supports existing companies in JITs and potential investors.

Concept of Business Support Center (BSC)

- Designed as a total support center for Japanese companies planning to invest into India.
- Leases short-term office and offers consulting services to Japanese companies.
- Helps Japanese companies gather information efficiently, conduct Feasibility Studies for a long term business plan for Gujarat unit, and solve problems in establishing a local unit.



Inaugurated by Hon'ble CM Shri Vijay Rupani



2 Rooms are available at BSCA



Consultation by JETRO adviser

*Photos by JETRO

1. Gujarat

Promotion by JETRO (Support for Interaction)

- 25 MoUs between Japanese companies and the GoGJ was signed in 2017 and 2018 with the estimated amount of 38.4 billion rupees investment and 6,290 jobs creation in Gujarat.
- JETRO supported the GoGJ for a business delegation to Japan in 2017 and 2018.
- Organized Gujarat Business Mission by Japanese companies in 2017 and 2019.
- Brought Japanese delegations to Vibrant Gujarat(VG) since 2013. Facilitated Japanese business delegations, organized Japan Pavilions and Seminars during VG.
- Keidanren and JCCI (Japan Chamber of Commerce and Industry) dispatched a mission with about 130 representatives from 40 Japanese companies facilitated by JETRO for VG2019.
- JETRO hosted promotion events for Japanese Industrial Townships in Asia including Mandal, in 2016 (Osaka), 2017 (Tokyo), 2018 (Kobe and Tokyo) and 2019(Tokyo).

15 MoUs during India Japan Annual Summit in September 2017



10 MoUs during JETRO Ahmedabad BSC Opening Ceremony in July 2018



Japan Pavilion at "Vibrant Gujarat 2019"



*photos by JETRO

1. Gujarat

Promotion by METI (Policy Cooperation for JITs)

- State Minister of METI participated in Vibrant Gujarat 2019 and met with the CM of Gujarat with 15 Japanese companies, requesting further improvement of business environment in Mandal-Becharaj-Khoraj area.
- Deputy Director-General of METI and Chief Secretary of GoGJ held 5th Policy Dialogue in July 2019. GoGJ committed to complete widening of State Highway 7 by June 2020, establish the second entrance at Mandal, consideration for establishment of a fire station and further improvement of security in Mandal, qualify Plug & Play Industrial Park (or its tenant manufacturing companies) for Gujarat State's incentive schemes.
- METI conducted consultant research on Development of Advanced Model Single Window and held a workshop in August 2019.

Policy Dialogue with Chief Secretary



Meeting with Hon'ble CM at "Vibrant Gujarat 2019"



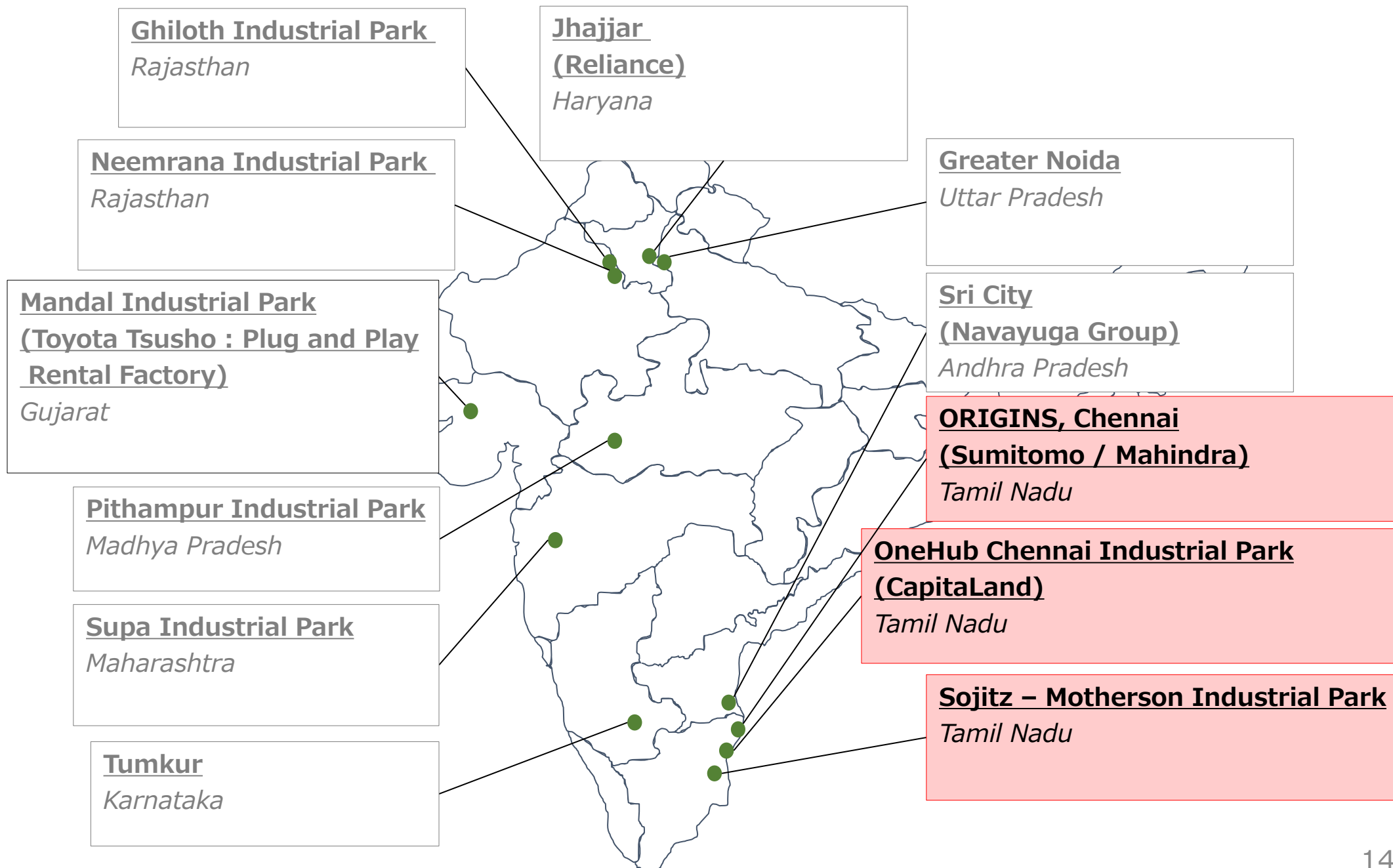
Workshop in Ahmedabad



2. Tamil Nadu

- *ORIGINS, Chennai*
- *OneHub Chennai Industrial Park*
- *Sojitz – Motherson Industrial Park*

Locations of JIITs in Progress Report



2. Tamil Nadu

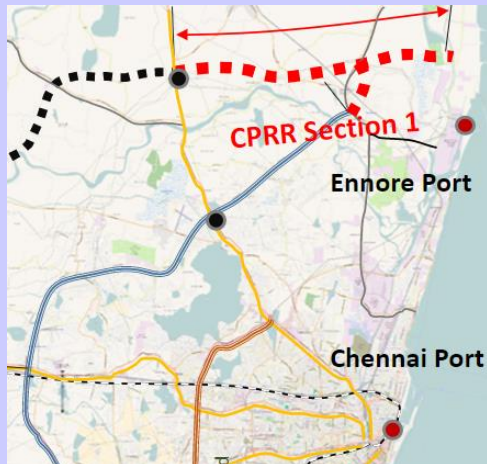
Status of JIIs investment by Japanese Companies

- 10 Japanese companies are active in ORIGINS Chennai and OneHub Chennai Industrial.

Industrial Infrastructure

- Concessional ODA loan of approx. ¥22B under "Tamil Nadu Investment Promotion Program Phase2 (TNIPP2)"(2016 - 2019) will be in part utilized for infrastructure development. The Ex-post Evaluation has been implemented so far and the result will be published in March 2023.
- JICA has been implementing "Project for the Construction of Chennai Peripheral Ring Road" (ODA Loan, 2019-2026) for addressing fast-growing road transportation demand and contributing to economic growth in the Chennai metropolitan area.
- NICDC LDB Project
[Coverage] Port: Chennai, Ennore, Tuticorin, Kattupalli, Toll Plaza(9), CFS(48), ICD(3) , Empty Yard(50)

Project for the Construction of Chennai Peripheral Ring Road (Phase 1) (CPRR, Section 1) (2019-2026)



Existing Road to intersect with CRRR

The ODA Loan amount : ¥40B

The Project Object : to construct section 1 of CRRR and to introduce ITS equipment, thereby addressing fast-growing road transportation demand and contributing to economic growth in the Chennai Metropolitan area.

2. Tamil Nadu

Promotion by JETRO (Seminar in Tokyo 2022)

- ❑ JETRO coordinated GoTN Delegations to Japan, headed by Minister of Industries in February-March 2018, October 2018, November 2019 and September 2022.
- ❑ JETRO organized investment promotion seminar in Tokyo in September 2022 with the speech by the Minister and the Additional Chief Secretary of Industries and DG of JETRO Chennai as well as the presentation by Sumitomo corporation, Sojitz corporation and Capitaland for their JITs to potential Japanese investors.

Tamil Nadu Seminar in Japan



Promotion by JETRO (Support for Interaction)

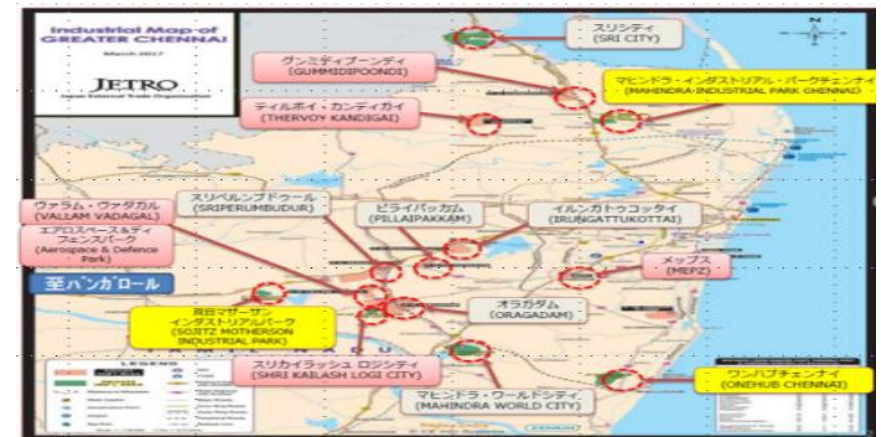
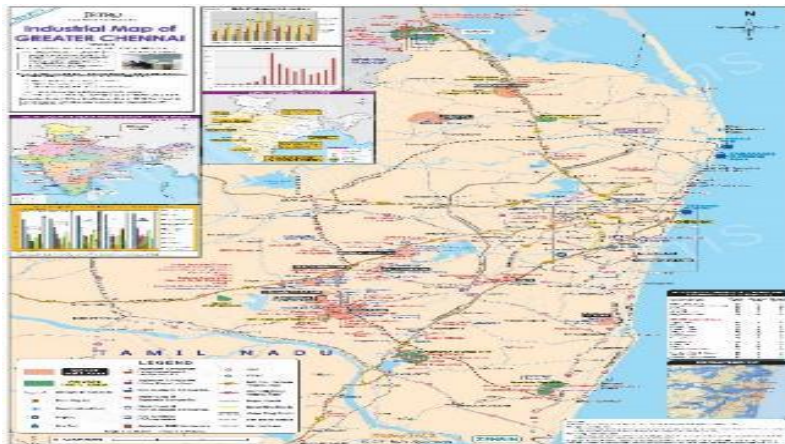
- ❑ JETRO Chennai's DG accompanied the meeting between METI and GoTN in and explained JETRO's activities on investment promotion and Japanese company support.
- ❑ JETRO introduced Japanese companies (potential investors) to Guidance Tamil Nadu.
- ❑ JETRO Chennai's DG is in the position of Secretary General of JCCIC, and organized and managed JCCIC's events.
- ❑ JETRO organized meetings between the GoTN and JCCIC, in which proposals based on Japanese companies' requests were submitted from JCCIC to GoTN.
- ❑ JETRO organized meetings with JCCIC Industrial Park Committee, Guidance Tamil Nadu and SIPCOT to exchange views.

2. Tamil Nadu

Promotion by JETRO (Support for Interaction before 2022)

- JETRO organized online investment promotion seminar with Guidance Tamil Nadu in May 2021.
- JETRO hosted promotion events for Japanese Industrial Townships including Origins, One Hub Chennai, and Sojitz-Motherson in 2016 (Osaka), 2017 (Tokyo), 2018 (Kobe and Tokyo), 2019 (Tokyo and Osaka).
- JETRO arranged visits to the Industrial Parks for Japanese companies which are interested in setting up production sites in Tamil Nadu.
- JETRO created and distributed Industrial Map of Greater Chennai (“Industrial Park and Industrial Road Distribution Map”) and the summary report for Japanese companies (“Information on Industrial Parks near Chennai in Tamil Nadu”).
- JETRO and JCCIC created and distributed “Chennai Business/Life Handbook”.

Industrial Map of Greater Chennai (“Industrial Park and Industrial Road Distribution Map”)



2. Tamil Nadu

Promotion by METI (Policy cooperation for JITs)

- ❑ Deputy Director General METI and Additional Chief Secretary for Industries held the “Review Meeting for Economic Relations including Japan Industrial Townships (JITs) in Tamil Nadu” in April 2022 attended by METI, Embassy of Japan in India, Consulate-General of Japan in Chennai, JETRO New Delhi & Chennai, JICA India, 3 JITs from Japan Side and the Department of Industries, relevant departments and Guidance Tamil Nadu.
- ❑ A wide range of economic activities by Japan including JITs was discussed at the meeting and METI requested for enhancement of business environment such as infrastructure, incentive scheme, and land acquisition followed by GoTN’s positive responses for improvement.
- ❑ METI and GoTN reaffirmed their intention to further promote 3 JITs in Chennai to attract further investment and enhance industrial competitiveness of Tamil Nadu and expressed their willingness to regularly monitor and follow-up on the issues.
- METI and GoTN held Policy Dialogue in 2019 regarding issues surrounding JITs.
- METI conducted consultant research on Development of Advanced Model Single Window and held a workshop in August 2019.



2. Tamil Nadu

Promotion by METI (Human Resource Development)

- ❑ 3 JIMs and 3 JECs have been launched as of January 2023.
- ❑ 2 JIMs and 1 JEC were additionally established in Tamil Nadu in 2022.
- ❑ JIM (Japan-India Institute for Manufacturing) by Mitsuba India in Tamil Nadu opened in 2022 to train the young people with practical skills and disciplines required at the manufacturing sites, thereby nurturing the competent leaders.
- ❑ AOTS(The Association for Overseas Technical Cooperation and Sustainable Partnerships) and GoTN(Guidance) signed a MoU for cooperation in public relations for JIM and JEC in October 2022.
- ❑ GoTN(Guidance) expressed their expectations for the development of JIM and JEC and the resulting promotion of manufacturing and economic growth.

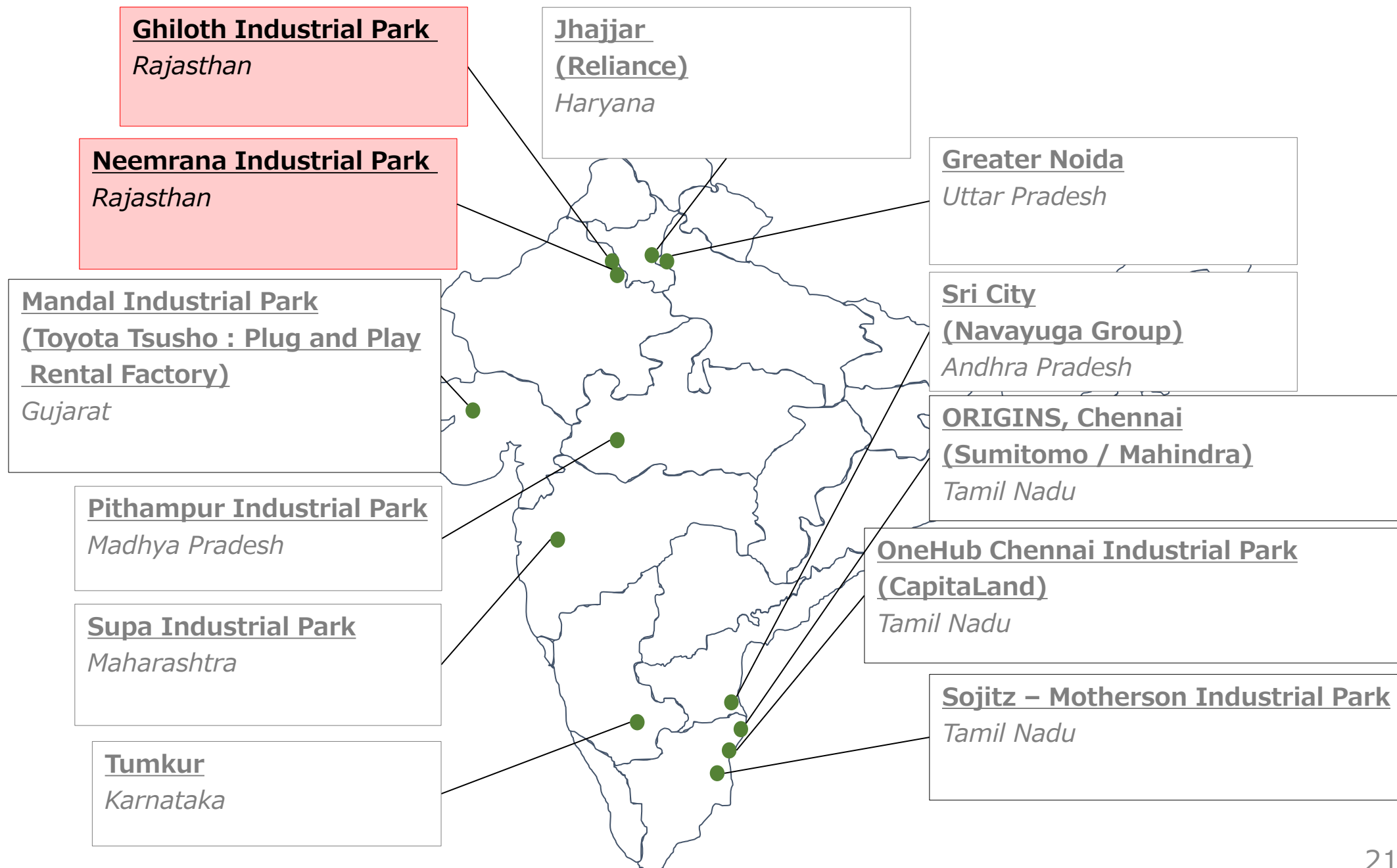
MoU signing ceremony in Chennai



3. Rajasthan

- *Neemrana Industrial Park*
- *Ghilot Industrial Park*

Locations of JIITs in Progress Report



3. Rajasthan

Progress of investment

- ❑ 48 and 1 Japanese companies are active in Neemrana and Ghiloth Industrial Park.
- ❑ Net increase of 1 company/Flow increase of 2 companies compared to that in 2021.
- ❑ 2 companies celebrated Groundbreaking Ceremonies in 2022 for their expansion and new factory construction respectively in Neemrana Industry Park.
- ❑ 1 company announced new factory construction plan in Neemrana in 2022.
- ❑ 1 company announced new factory construction plan in Ghiloth.
- ❑ 11MoUs amounting to Rs.13.4B signed between 11 Japanese companies and GoRJ in July 2022 for future investments.

Industrial Infrastructure

- NEDO and Japanese companies, in cooperation with NICDC, conducted the Demonstration Project for Microgrid System Using PV Power Generation to verify provision of reliable power supply and system effectiveness in Neemrana Industrial Park from 2017 to 2019.
- NICDC LDB Project
[Coverage] Toll Plaza(7), ICD(1)

Demonstration for Microgrid System Using Photovoltaic (PV) Power Generation by NEDO (Neemrana)

- NEDO, Hitachi, Ltd., Hitachi Systems, Ltd. and ITOCHU Corporation, in cooperation with NICDC under the Japan-India Delhi-Mumbai Industrial Corridor (DMIC) project, demonstrated a microgrid system designed to provide reliable power using PV power generation technology aiming for the demonstration is to verify the effectiveness of Japan's microgrid technology and encourage its dissemination throughout India, which was successfully completed in July 2019.
- The microgrid system is continuously providing power to the company even after the demonstration was completed.



Figure 1. Microgrid system using PV power generation

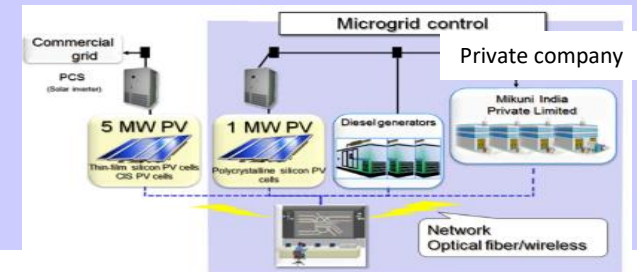


Figure 2. System configuration at Neemrana Industrial Park in Rajasthan

3. Rajasthan

Promotion by JETRO - Overview

- ❑ JETRO has held a Quarterly meeting with RIICO to address and resolve issues Japanese companies face and JVNL to ensure stable power supply to Neemrana recommending action plans for RIICO to maintain advantages over other states to attract Japanese companies.
- ❑ JETRO introduced and guided Japanese companies to Neemrana and Ghiloth for the investments.

Promotion by JETRO in 2022 (Support for interaction)

- ❑ May: JETRO CDG met with Principal Secretary and Additional Chief Secretary of Rajasthan to attract more Japanese companies.
- ❑ July: 11 companies signed MoUs amounting to Rs.13.4B with creation of 2,272 employment. JETRO organized a meeting with Rajasthan CM Gehlot and Ambassador of Japan Mr. Suzuki.
- ❑ October: JETRO CDG met with Principal Secretary and Additional Chief Secretary during Invest Rajasthan 2022 Summit to draw their attention to improve infrastructure of 2 JITs. JETRO Sr. Investment Advisor met with RIICO representative to make Neemrana Fire Station operational immediately.
- ❑ November: JETRO Sr. Investment Advisor met with Torrent Gas to urge completion of PNG infrastructure in JIT Neemrana. JICA representative and JETRO Sr. Investment Advisor met with Japanese companies in Neemrana to share the plan of power supply improvement scheme.

MoU Ceremony between GoRJ and Japanese companies



3. Rajasthan

Promotion by JETRO (Support for interaction before 2022)

- JETRO conducted MoU with RIICO for Investment Promotion in 2006. (extended annually to 2016)
- JETRO held Investment Seminars in 2006, 2007, 2011, 2014, 2015 and 2016.
- JETRO supported business delegations in 2006, 2007, 2013, 2015 and 2017.
(e.g. Kankeiren Delegation to Jaipur/Neemrana headed by Panasonic Chairman in 2015)
- JETRO supported the Resurgent Rajasthan Investor Meet (Summit) in 2015.
90 Japanese delegates arranged by JETRO attended the Summit.
- JETRO supported the visit of Chief Minister Raje's Delegation to Japan in 2015.
- JETRO organized Gujarat states study delegation to Neemrana(JIT) in 2017.
- JETRO organized Assam states study delegation to Neemrana(JIT) in 2019.
- Investment advisors in JETRO support existing companies in JITs and potential investors.
- JETRO hosted promotion events for Japanese Industrial Townships in Asia including Neemrana, Ghiloth in 2016 (Osaka), 2017 (Tokyo), 2018 (Kobe and Tokyo) and 2019(Tokyo).
- JETRO supported a meeting between Japanese delegates(Ambassador of Japan to India, Director General of JETRO India and representatives of Japanese companies in the Neemrana Industrial Park) and Chief Minister Ashok Gehrot in August 2019.

3. Rajasthan

Promotion by METI (Human Resource Development)

- ❑ 4 JIMs have been launched as of January 2023.
- ❑ 3 JIMs were additionally launched in Rajasthan since December 2021.
- JIM (Japan-India Institute for Manufacturing) by Daikin Air-conditioning India in Neemrana opened in 2017 to train the young people in Rajasthan with practical skills and disciplines required at the manufacturing sites, thereby nurturing the future floor leaders.

Daikin Japanese Institute of Manufacturing Excellence (Neemrana, Rajasthan)

- Students learn air conditioner assembly and basic knowledge of air conditioning in the course including on-the-job training at Daikin plant.
- Aimed at promoting gender diversity in manufacturing industries, the first class is composed of only female students.
- Daikin trains their sales representative's engineers in East African countries to have knowledge of installation and maintenance of air- conditioner in their JIM.



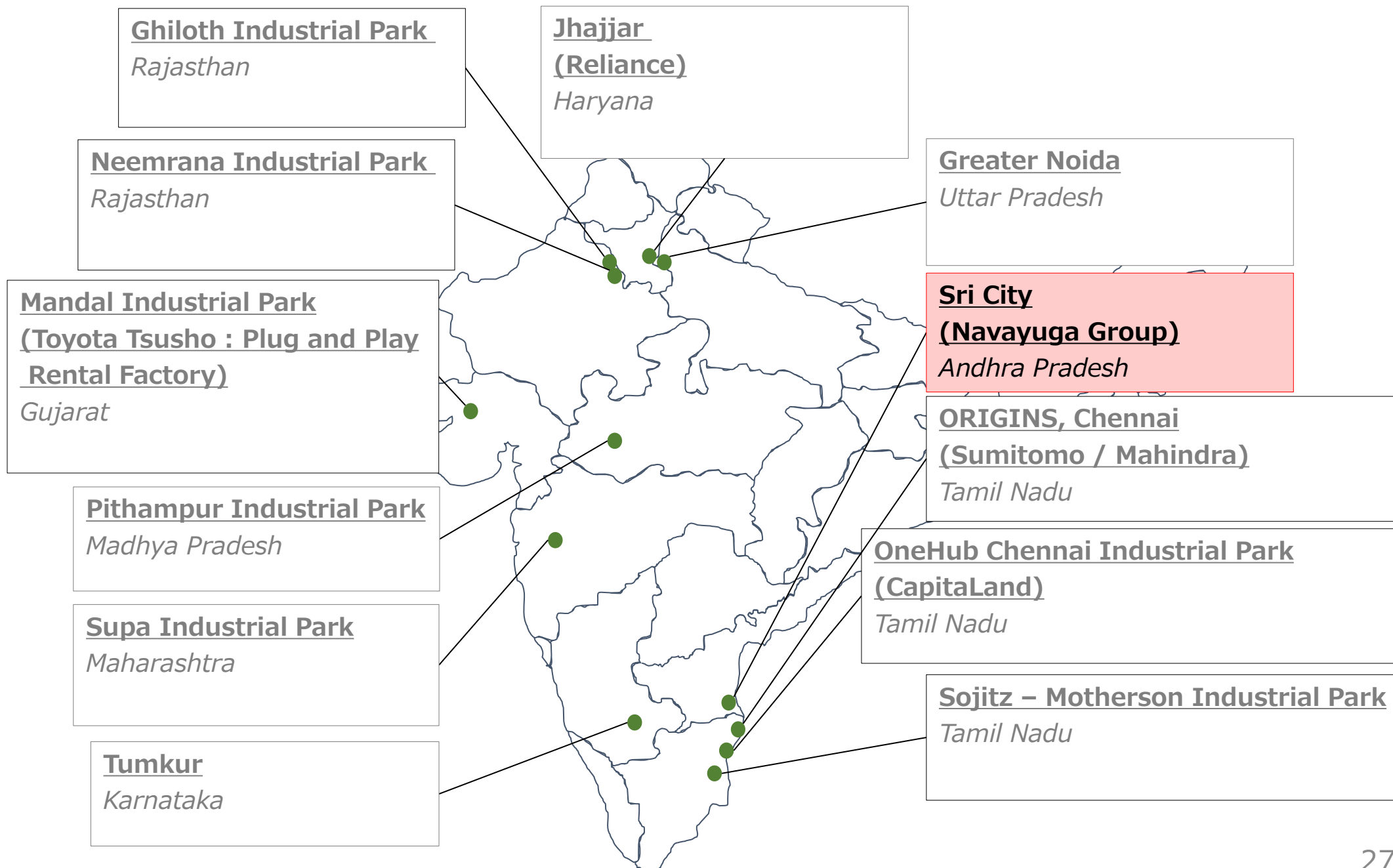
Photos by Daikin Airconditioning India Pvt. Ltd.



4. Andhra Pradesh

➤ *Sri City*

Locations of JIITs in Progress Report



4. Andhra Pradesh

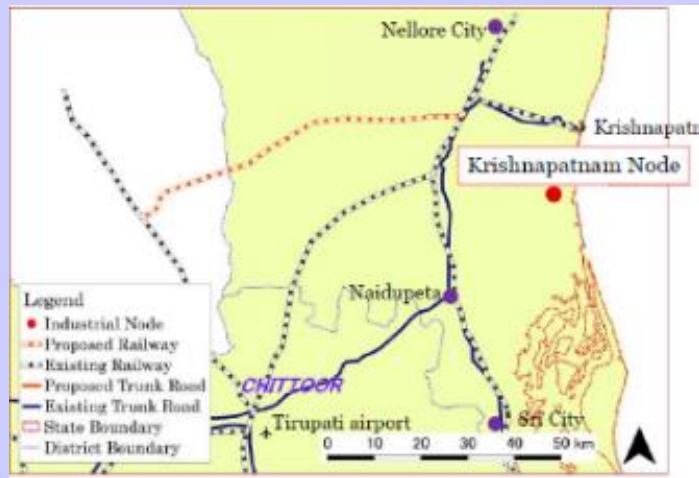
Progress of investment

- ❑ 26 Japanese companies are active in Sri City.
- ❑ Net increase of 1 company/Flow increase of 2 companies compared to that in 2021.
- ❑ 2 company announced new factory construction plan in Sri City in 2022.

Industrial Infrastructure

- ❑ NICDC LDB Project
[Coverage] Port: Krishnapatnam, Vizag, Toll Plaza(8), CFS(10), Empty Yard(7)

“Comprehensive Integrated Master Plan for Chennai-Bengaluru Industrial Corridor (CBIC)”



- Krishnapatnam was designated as one of three industrial nodes in CBIC area in CBIC Comprehensive integrated master plan



4. Andhra Pradesh

Promotion by JETRO (Support for interaction)

- ❑ JETRO attended information exchange meeting with Additional Secretary (DPIIT), Sri City Private Limited and Sri City Japanese Company Group in Sept. 2022.
- JETRO supported “Andhra Pradesh- Japan Policy Recommendations & EoDB Improvement Summit” in February 2021. Invest India, AP Government, APEDB, APIIC, Sri City Ltd, Japanese Companies and JETRO attended.
- JETRO supported “Japan-AP Business Summit (Online)” in November 2021. APEDB, Sri City Ltd, Japanese Companies and JETRO attended.
- JETRO supports activities of JCCIC and Sri City Japanese Company Group.
- JETRO periodically exchanges views/ opinions with Sri City Private Limited.
- JETRO arranges visits to Sri City Industrial Park for Japanese Companies.
- JETRO supported Andhra Pradesh - Japan Public - Private Joint Conference in July 2017.
- JETRO had Investment Promotion seminar in June 2018. CEO of APEDB attended it.
- JETRO organized 4 parties’ regular meeting with Japanese companies in Sri City, APEDB, Sri City Ltd., and JETRO.
- JETRO hosted promotion events for Japanese Industrial Townships in Asia including Sri City, in 2019(Tokyo). At the event, Navayuga Group gave a presentation to the participants from Japanese companies.

Major requests from Japanese companies in Sri City at Andhra Pradesh – Japan Policy Recommendations & EoDB Improvement Summit in February 2021.

- Easing of local employment ratio (75%) regulation
- Refund of pending incentives (VAT/GST refund)
- Reconsideration on current annual increase of 5% in IALA Property Tax
- Introduce Gov. bus connectivity for employees from local towns (Tada, Sullurpeta etc.) up to Sri City Business Center
- Improvement in online registration system for Government approvals
- Setting up a hospital in Sri City under ESI Scheme (Employee’s State Insurance)

Promotion by METI (Human Resource Development)

- ❑ 1 JIM (joint-JIM by 6 Japanese companies) and 2 JECs have been launched as of January 2023.
- ❑ 1 JEC was additionally established in Andhra Pradesh in 2022.
- JIM by Sri City opened in April 2019 to train the young people in Andhra Pradesh with practical skills and disciplines required at the manufacturing sites, thereby nurturing the future shop floor leaders.

Sricity Japanese Companies JIM (Sricity, Andhra Pradesh)

- The school is operated in cooperation with 7 Japanese companies in Sri City industrial area.
- Students aim to acquire basic knowledge about production control, quality control and manufacturing technique in OJT in the factory
- Classroom lectures are provided by Indian people who have learned the concepts and skills of Japanese manufacturing at AOTS.

Representative companies

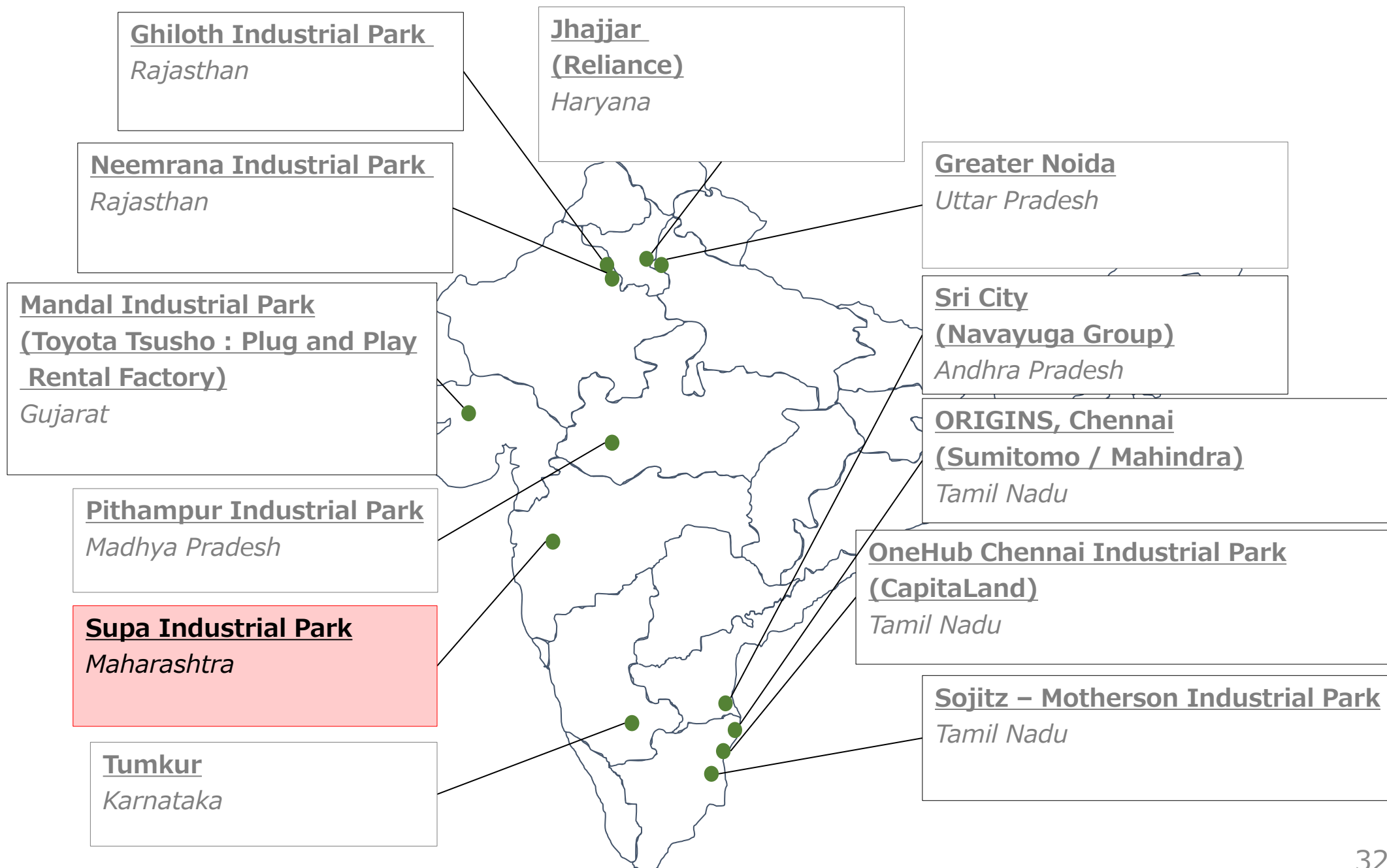
- Aisan Auto Parts India Pvt. Ltd.
- India Metal One Steel Plate Processing Pvt. Ltd.
- Isuzu Motors India Pvt. Ltd.
- Kikuwa Inida Pvt. Ltd.
- Kobelco Construction Equipment India Pvt. Ltd.
- NS Instruments India Pvt. Ltd.
- MCNS POLYURETHANES INDIA Pvt.Ltd



5. Maharashtra

➤ *Supa Industrial Park*

Locations of JIITs in Progress Report



5. Maharashtra

Progress of investment

- ❑ 3 Japanese companies are active in Supa.
- ❑ Net/Flow increase of 1 company compared to that in November 2021.
- ❑ More than 10 companies with JETRO Mumbai has visited Supa to assess the business environment.

Industrial Infrastructure

- ❑ NICDC LDB Project
[Coverage] Port: JNPT, Mumbai, Toll Plaza(10), ICD(5), CFS(32), Empty Yard(47)
- Gas supply infrastructure will be facilitated by a major gas company :
Bharat Gas Resources Ltd (a wholly owned gas subsidiary company of Bharat Petroleum Corporation Ltd.)

Promotion by METI (Human Resource Development)

- ❑ 2 JIMs and 1 JEC have been launched as of January 2023.
- ❑ 1 JIM and 1 JEC were additionally established in Maharashtra in 2022.
- ASBI JIM was established in Ambarnath, Maharashtra in December 2019. Students aim to acquire basic knowledge about Plastic process, molding, maintenance and machine operation, in OJT in the factory.



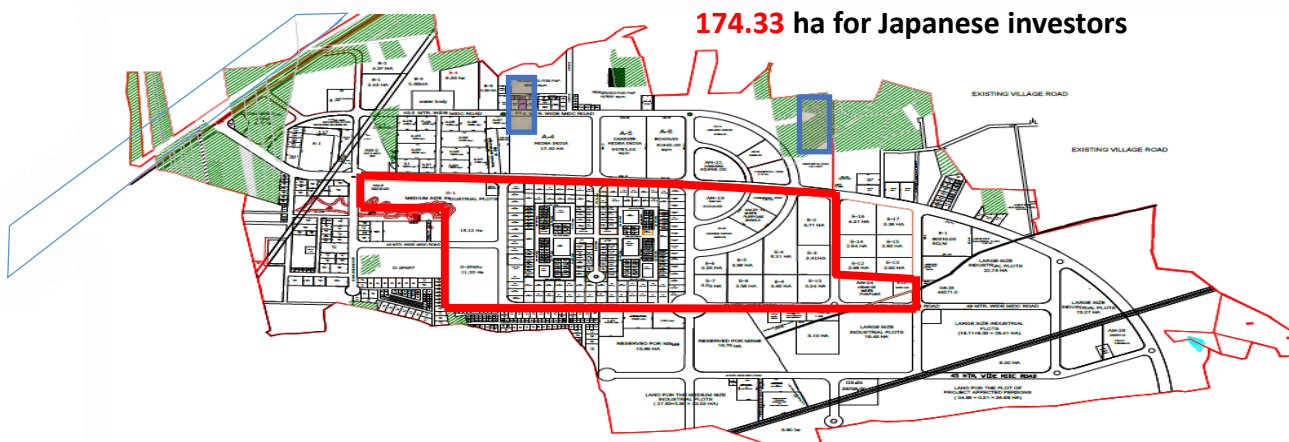
5. Maharashtra

Promotion by JETRO (Support for interaction)

- ❑ JETRO open the promotion website of Additional Supa Parner Japanese Industrial Zone.
- JETRO Mumbai Office provides “Hands on Assistance” to Japanese companies.
- JETRO serves as FAST TRACK Consultation and Application / Approval Route and will also provide assistances in the incentive negotiations with the Government of Maharashtra, MIDC, MPCB.
- Investment advisors in Mumbai support existing companies in JITs and potential investors.

Promotion by METI (Human Resource Development)

- JETRO conducted a study on the Potential of Human Resource around Supa Industrial Park.
- JETRO organized Study Group for Japanese Manufacturers in Pune and surrounding regions. (e.g. developing manpower and QCD (Quality, Cost and Delivery) know-how)
- JETRO introduced IIT Bombay recruitment event to Japanese companies in Maharashtra through Japanese societies.



Shot on location at SUPA

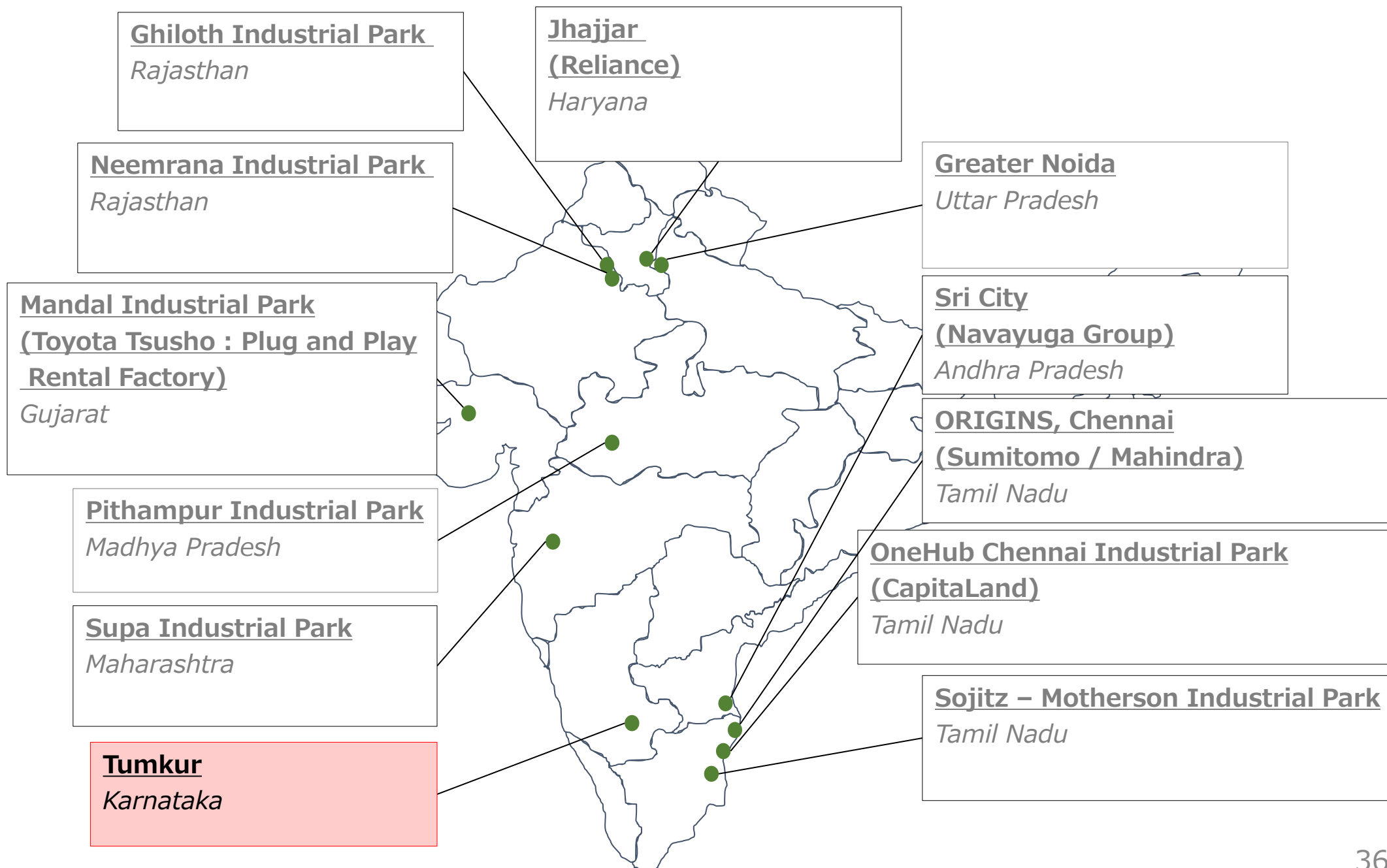


Site visit by Japanese delegation

6. Karnataka

➤ *Tumkur*

Locations of JIITs in Progress Report



6. Karnataka

Progress of investment

- ❑ 3 Japanese companies are active in Tumkur.
- ❑ Net/Flow increase of 1 company compared to that in 2021.

Industrial Infrastructure

- ❑ NICDC LDB Project
[Coverage] Port: Murmugao, New Mangalore, Toll Plaza(5), Empty Yard (3)

Promotion by JETRO (Support for interaction)

- ❑ JETRO has held Project Facilitation Committee since 2014 and dealt with various problem issues from Japanese companies.
- ❑ JETRO has held Dialogue-Monitoring Committee chaired by Chief Secretary of Karnataka State since 2009 to discuss policy initiatives such as infrastructure development and new power plant establishment.
- JETRO Individually arranged site visits to Tumkur for Japanese companies since 2016.
- Government of Karnataka held GIM 2022(Global Investors Meet) to attract overseas companies who intend to establish manufacturing bases in Karnataka. JETRO held Japan Session and conveyed the attractiveness of Karnataka to the future investors.
- BCIC set up its Tokyo office in 2022 and JETRO had supported its establishment. BCIC Tokyo office works to promote the new entry/investment by Japanese companies in JIT.

6. Karnataka

Promotion by METI (Human Resource Development)

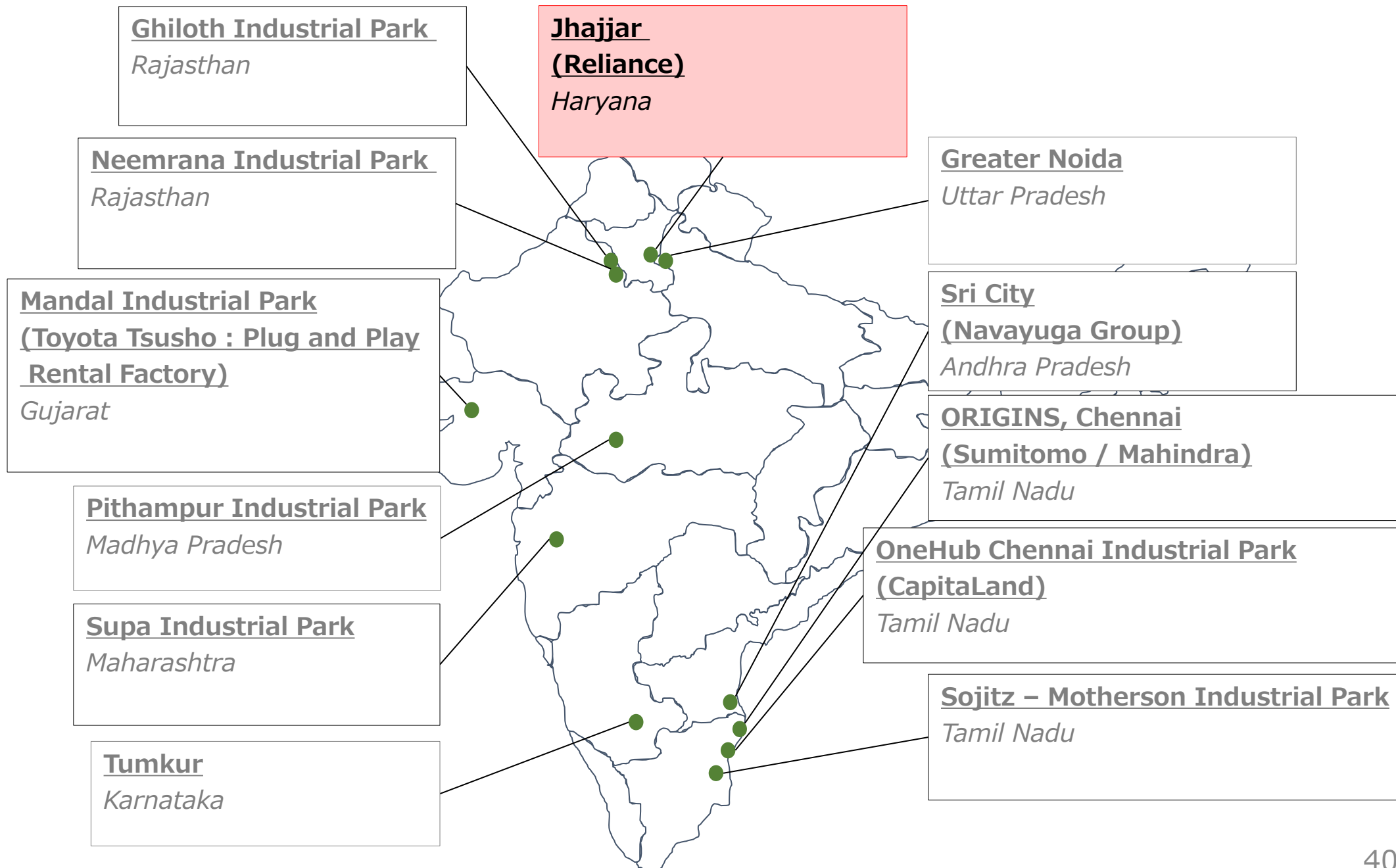
- ❑ 2 JIMs have been launched as of January 2023.
- Tata Hitachi opened JIM in Dharwad, Karnataka in December 2017, focusing on the holistic development of knowledge, skill and attitude related to construction machinery sector. The school is operated in cooperation with the MPTA Skill Training Foundation, a vocational training institution in India.
- Toyota Technical Training Institute in Bengaluru, Karnataka was certificated as a JIM in August 2017. The school focuses on the holistic development of knowledge, skill, body and attitude related to automobile sector.



7. Haryana

➤ *Jhajjar*

Locations of JIITs in Progress Report



7. Haryana

Progress of investment

- ❑ 4 Japanese companies are active in Jhajar.
- ❑ Net/Flow increase of 1 company compared to that in 2021.

Industrial Infrastructure

- NICDC LDB Project
[Coverage] Toll Plaza(2), ICD(5)

Promotion by METI (Human Resource Development)

- ❑ 14 JIMs and 1 JEC have been launched as of January 2023.
- ❑ 8 JIMs was additionally launched in Haryana in 2022 and 2023.
- Mitsui Kinzoku JIM was established in Bawal, Haryana in January 2021. During a 1-year curriculum period, fundamental knowledge concerning research and development of catalysts, basic catalyst manufacturing and related manners/rules will be learnt. The institute aims to train future production engineers
- NICHIRIN JIM was established in Faridabad, Haryana in May 2021. During a 1-year training program, know-hows of 5S, quality/production management, etc. and fundamental knowledge concerning manufacturing of automotive hoses will be learnt.
- JTEKT JIM was established in Dharuhera, Haryana in October 2021. During a 1-year training program, students learn basic skills such as machining, assembly, quality, and maintenance through classroom and OJT. The institute aims to train future line-leaders of the company.

7. Haryana

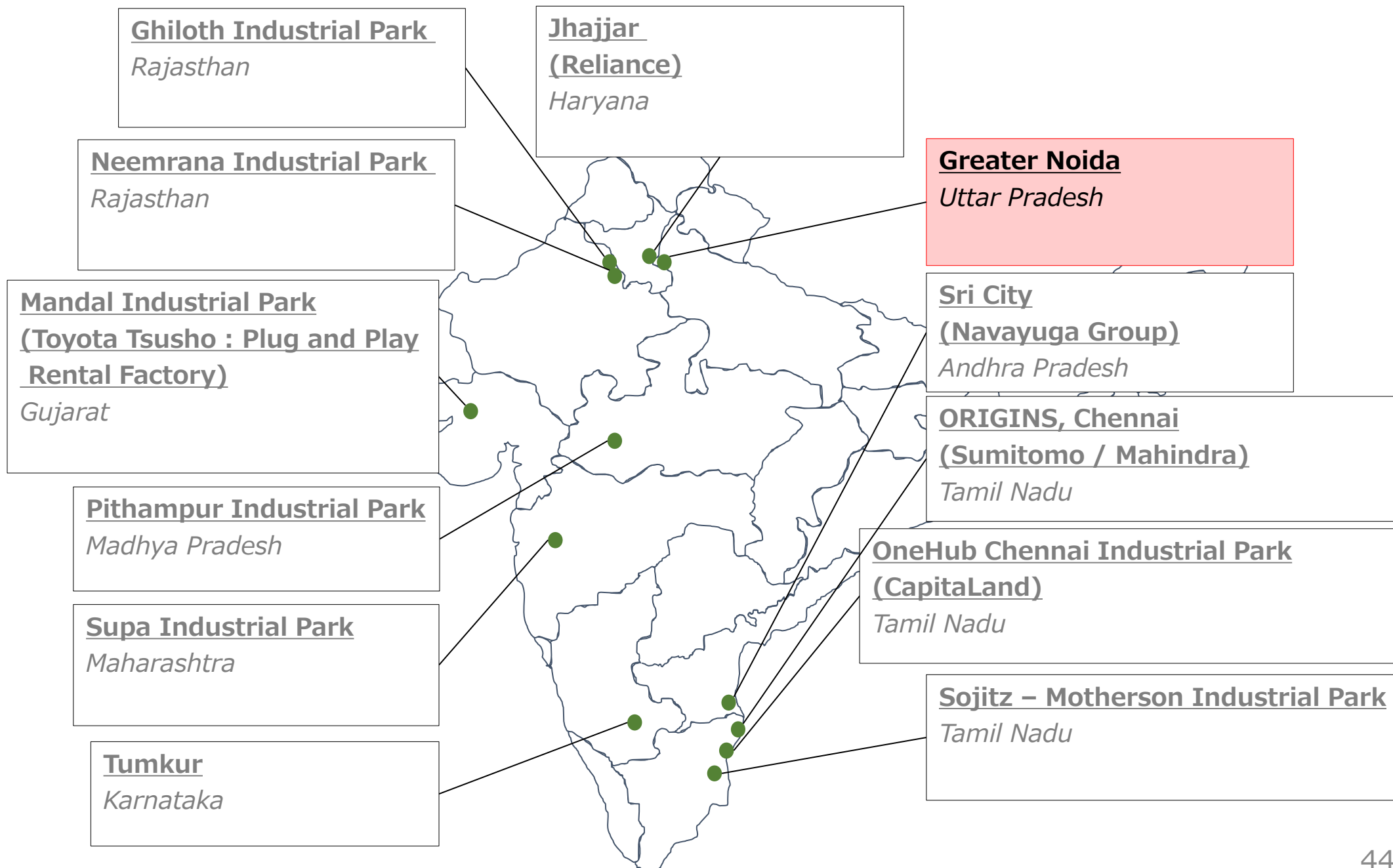
Promotion by JETRO

- ❑ December 2022: JETRO met with senior management team of developer of JIT Jhajjar, Model Economic Township Limited(a wholly owned subsidiary of Reliance Industries Limited) to discuss strategies to attract more Japanese companies to JIT Jhajjar.
- JETRO hosted promotion events for Japanese Industrial Townships in Asia including Jhajjar, in 2016 (Osaka), 2017 (Tokyo), 2018 (Kobe and Tokyo) and 2019(Tokyo). At these events, Marubeni Corporation gave a presentation for Jhajjar to the participants from Japanese companies.

8. Uttar Pradesh

➤ *Greater Noida*

Locations of JIITs in Progress Report



8. Uttar Pradesh

Industrial Infrastructure

- NICDC LDB Project
[Coverage] ICD (6), Empty Yard (3)

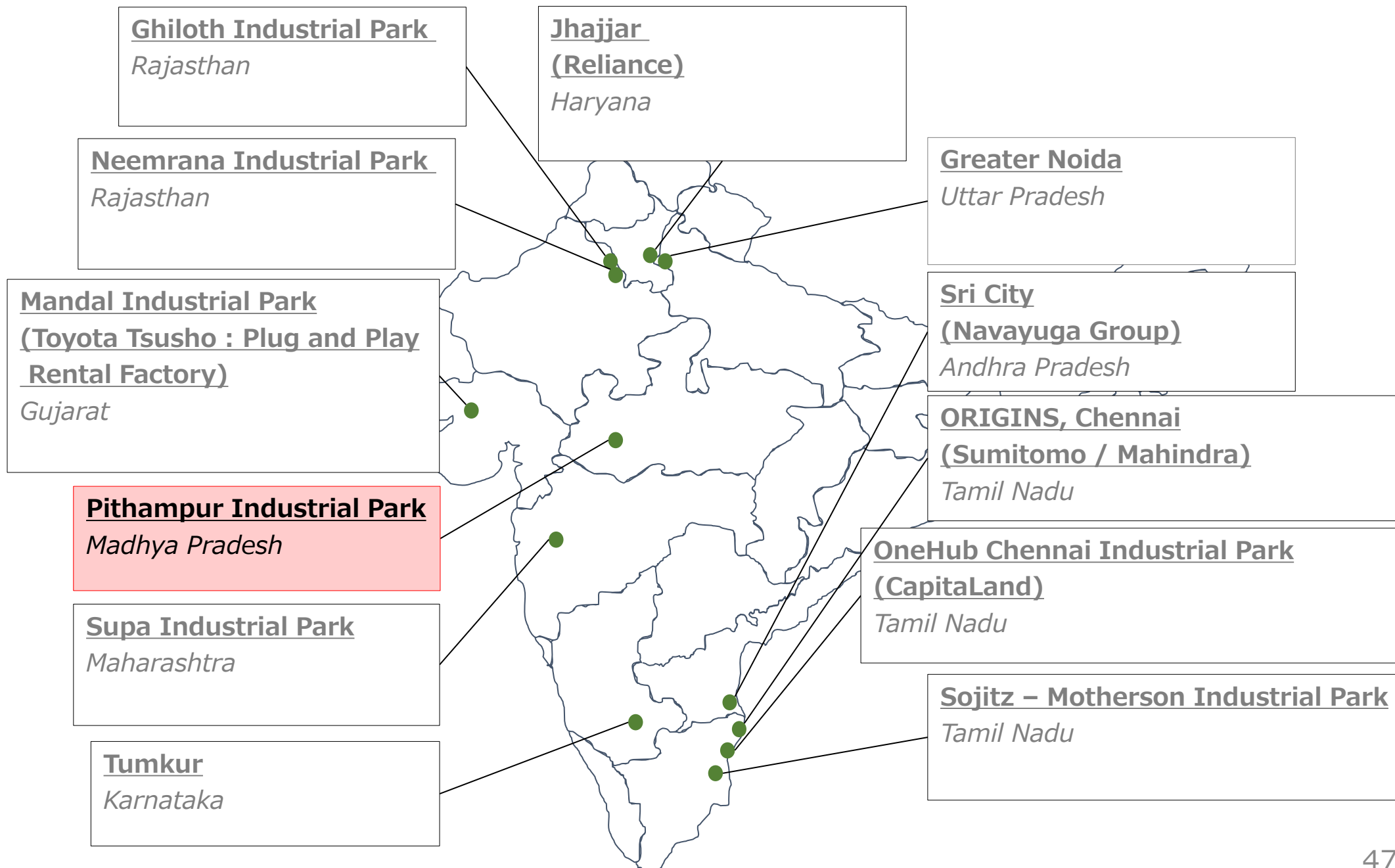
Promotion Activities

- ❑ 1st JIM was established in 2022.
- ❑ November 2022: JETRO Sr. Investment Advisor met with Additional CEO of Greater Noida Industrial Development Authority (GNIDA) to explain key criteria of Japanese companies for their selection of investment location.
- ❑ December 2022: JETRO organized GNIDA visit by a large Japanese electronics manufacturer for their potential investment.
- ❑ February 2023(Scheduled): Japan participated in Uttar Pradesh Global Investors Summit 2023 as a Partner Country and JETRO will hold a Japan Partner Country Session and set up a Japan Pavilion.
- JBIC and JICA hosted “the Seminar on Development of DFC along with Industrial Corridor and related projects” with NICDC in Gurugram in October 2019 and the latest status of Integrated Industrial Township Greater Noida (IITGN) was reported to Japanese companies.

9. Madhya Pradesh

➤ *Pithampur Industrial Park*

Locations of JIITs in Progress Report



9. Madhya Pradesh

Promotion by JETRO

- JETRO organized a mission of potential investors to Pithampur in March 2016.
- In October 2016, JETRO arranged another mission for Invest Madhya Pradesh Global Investors Summit 2016, in which Japan participated as Partner Country.
- JETRO Mumbai and Consul General of Japan to Mumbai visited Pithampur on July 9th 2019 to evaluate the development progress. Confirmed Plot ready for promotion to Japanese companies although additional information of infrastructure and government services still need to be checked.
- JETRO Mumbai visited Pithampur on October 19th 2019 to evaluate the development progress.

Cross-cutting Issues

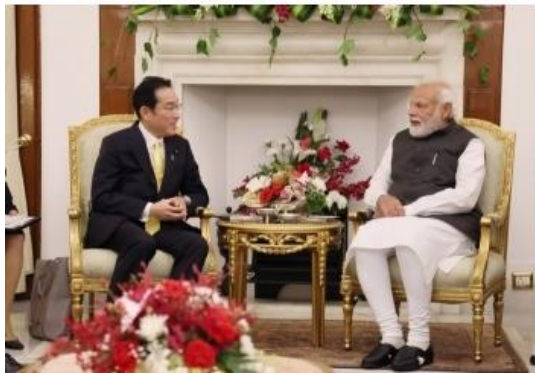
JPY 5 trillion Intention and IJICP Framework

JPY 5 trillion Intention for Investment/Financing

- ❑ Prime Minister Fumio Kishida and Prime Minister Narendra Modi expressed their satisfaction in March 2022 at the occasion of annual summit in Delhi that the investment target of JPY 3.5 trillion announced by Prime Minister Abe and Modi in 2014 has been achieved.
- ❑ Subsequently, they expressed their shared intention to realize JPY 5 trillion of public and private investment and financing from Japan to India in the next five years.
- ❑ In this context, various initiatives have been taken by both Japan and India to strengthen their economic cooperation including IJICP.

India-Japan Industrial Competitiveness Partnership (IJICP)

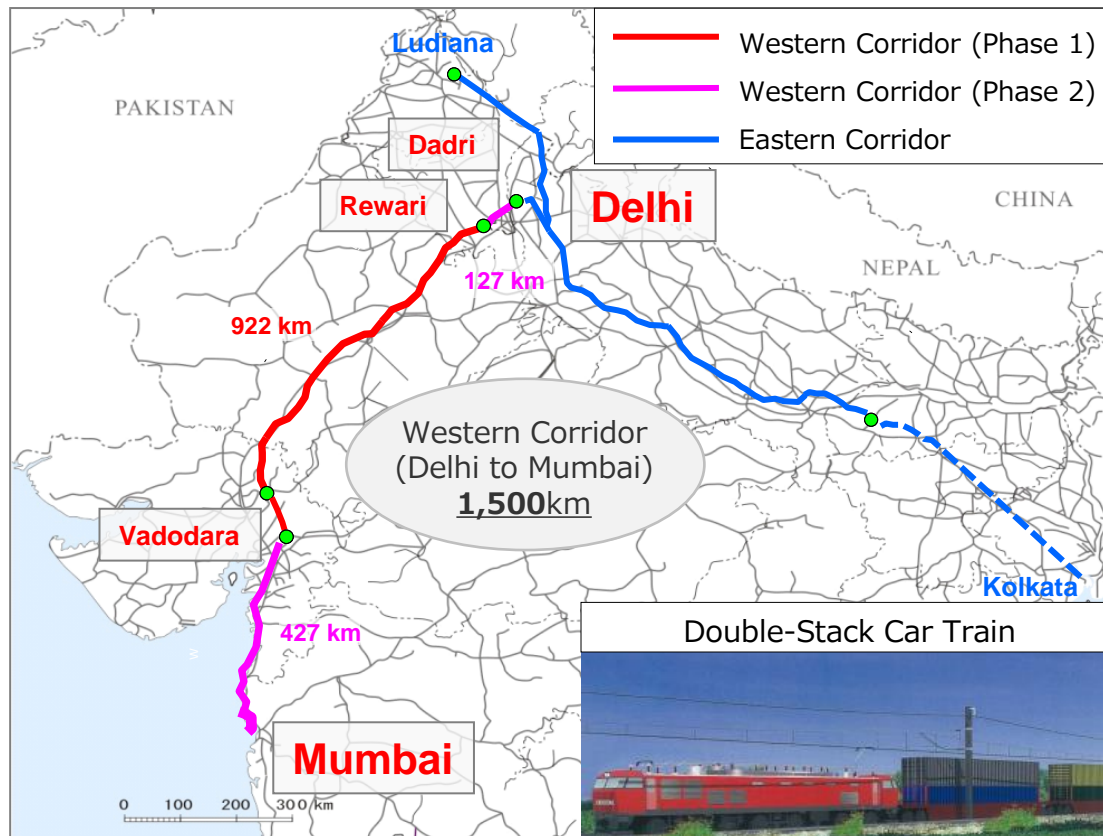
- METI Minister Hiroshi Kajiyama and MoCI Minister Piyush Goyal launched the India-Japan IJICP in December 2019 to jointly explore the possibilities of enhancing India's industrial competitiveness through cooperation between Japan and India.
- The MoC was signed between Vice Minister for International Affairs, METI and Secretary, DPIIT in November 2021 to formalize the IJICP Mechanism.
- ❑ The roadmap under the IJICP was formulated between Vice Minister for International Affairs, METI and Secretary, DPIIT in March 2022 at the occasion of the Japan-India summit to further promote industrial cooperation between the two countries including in the areas of manufacturing and supply chains, which have also mentioned the possible formulation of sector-wise WGs including JITs.



Dedicated Freight Corridor Project

Dedicated Freight Corridor Project (DFC)

- The project has focused on constructing track of the Western Corridor between Delhi and Mumbai, connecting major cities in the states of Maharashtra, Gujarat, Rajasthan and Haryana, as well as introducing electric locomotives capable of high-speed, high-capacity transportation.
- This is the first Japanese ODA Loan which “Special Terms for Economic Partnership (STEP)” is applied to.
- The project is an important part of “Delhi-Mumbai Industrial Corridor (DMIC) initiative”.



Loan Agreement Date (Amount)

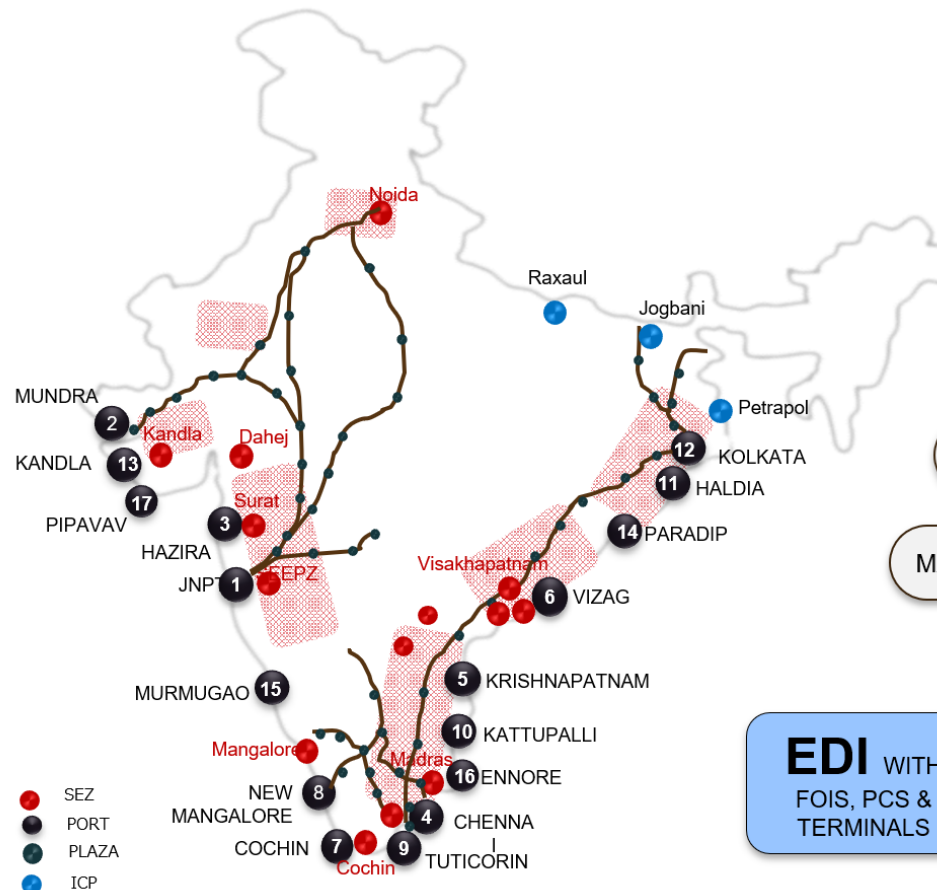
Phase1	Phase2
(I)Oct 2009 (2.6 billion yen)	(I)Jul 2010 (1.6 billion yen)
(II)Mar 2010 (90.3 billion yen)	(II)Mar 2013 (136.1 billion yen)
(III)Mar 2016 (103.7 billion yen)	(III)Mar 2022 (108.6 billion yen)
(IV)Mar 2020 (13.0 billion yen)	

Partial Opening / Expected Schedule

January 2021	Partial opening: Rewari-Madar (Phase1) 306km
October 2021	Partial opening: Madar-Palanpur (Phase1) 340km
October 2022	Partial opening: Palanpur-Mehsana (Phase1) 60km
June 2024	Expected Completion of Civil&Track works
Within 2025	Expected Completion of all off the works including procurement for Electric Locomotives

Industrial Infrastructure

- On November 2020, deployment of LDB system to all Indian ports was completed.
- NICDC LDB Project, which is supported by NEC, contributes to efficient logistics/supply chain by visualization of international marine container transportation using RFID tag at related port/inland facility.



17 PORTS (27 TERMINALS)

61+ TOLL PLAZAS

325+ CFS/ICD/EY/PP/ICP

14 SPECIAL ECONOMIC ZONES

3 INTEGRATED CHECK POSTS

MAJOR CARGO RAIL ROUTES & DFCs

EDI WITH
FOIS, PCS &
TERMINALS

2040+
RFID READERS

54M+
CONTAINERS
HANDLED

CFS: Container Freight Station, ICD: Inland container Depot, EY: Empty Yard, PP: Parking Plaza, ICP – International Check Post

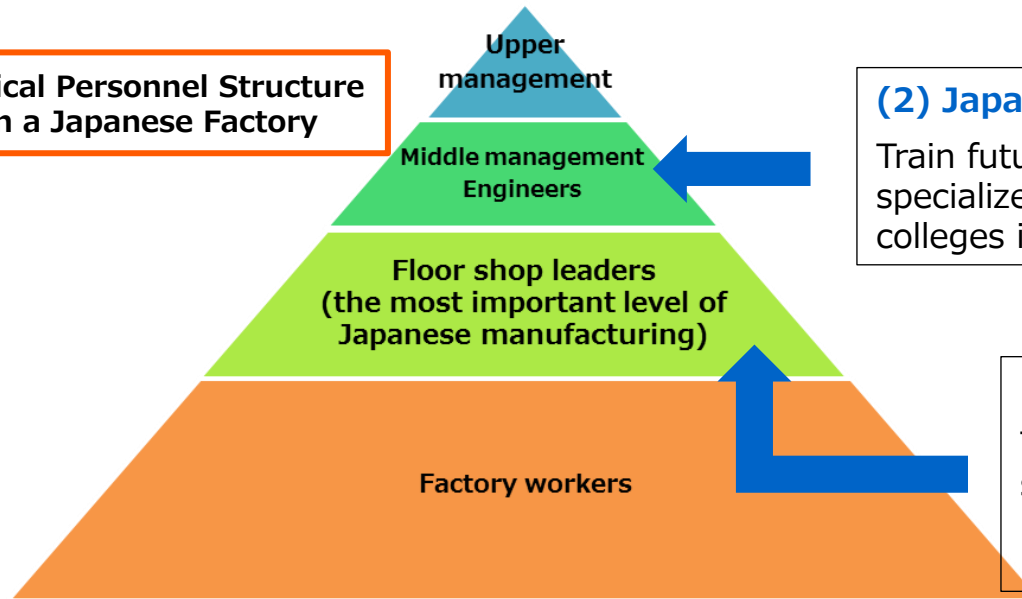
Promotion by JETRO

- JETRO and Invest India signed MoC to strengthen their investment promotional activities to encourage further Japanese investments into India in May 2018.

Human Resource Development in the Manufacturing Sector in India

Japan-India Institute for Manufacturing (JIM) & Japanese Endowed Course (JEC) by Japanese Companies in India

Typical Personnel Structure in a Japanese Factory



(2) Japanese Endowed Courses (JEC)

Train future middle management engineer candidates by providing specialized, practical manufacturing education to engineering colleges in India

(1) Japan-India Institute for Manufacturing (JIM)

Train future shop floor leaders in India to the Japanese standard level in key Japanese concepts such as KAIZEN, 5S and Japanese work principles and rules at a new institute operated by Japanese companies.

- ❑ 35 JIMs and 11 JECs have been launched in total as of January 2023.
- ❑ 16 JIMs and 4 JECs were additionally established in 2022 and 2023 across India.
- Japan and India are cooperating in human resources / skill development in the manufacturing sector in India through collaboration between the public and private sectors of both countries in order to contribute to the “Make in India/Make for World” and “Skill India”.
- The Ministry of Economy, Trade and Industry, Japan and the Ministry of Skill Development and Entrepreneurship, India signed the MoC in November 2016 to facilitate the projects as follows:
Train 30 thousand floor shop leaders and engineers in the next 10 years.
 - (1) Japan-India Institute for Manufacturing (JIM)
 - (2) Japanese Endowed Courses (JEC)