Delhi Mumbai Industrial Corridor (DMIC) Project

1. Delhi Mumbai Industrial Corridor (DMIC) project is a flagship programme of Government of India with the aim to create futuristic industrial cities by leveraging the high speed, high capacity connectivity backbone provided by the Western Dedicated Freight Corridor (DFC) to reduce logistic costs in an enabling policy framework.

2. These cities which will come up in the States of Uttar Pradesh, Haryana, Rajasthan, Madhya Pradesh, Gujarat and Maharashtra, seek to create a strong economic base with a globally competitive environment and state-of-the-art infrastructure to activate local commerce, enhance investments and attain sustainable development.

3. The master planning of these cities are founded on key sustainability concepts and use of cutting edge technology to compete with the best manufacturing and investment destinations in the world.

4. The master planning has been done keeping in view the green and sustainable aspects of the city such as recycle and reuse of water and solid wastes, Conservation of better agricultural land, protection of sensitive natural environment, Energy sufficiency through use of renewables, transport oriented development etc.

5. In addition to the physical master planning, detailed digital master planning has been undertaken to dovetail the physical master plan with the ICT master plans. The whole objective is to monitor and control the entire city from one command and control centre.

6. Subsequent to the master planning, preliminary engineering and design has been undertaken for the areas in Gujarat, Maharashtra, Madhya Pradesh and Uttar Pradesh. For the first time, all the utilities namely, storm water drainage, power, ICT, city wide gas (cooking gas) sewerage etc. have been planned below the ground. In addition to the above sufficient provisioning in terms of empty conduits is being considered to avoid any digging up of roads in the future.

7. During the preparation of preliminary design and engineering of the trunk infrastructure benchmarking against the best global practices has been undertaken for the provision of state-of-the-art trunk infrastructure.

8. Accordingly, before initiating the implementation of various trunk infrastructure components, the following project developmental activities have already been completed for most of the states across the DMIC Region:

- Preparation of perspective planning for the overall DMIC Project;
- Completion of physical master planning for identified nodes in Phase-1;
- Completion of digital master planning for identified nodes in Phase-1;
- Completion of environmental impact studies and approval for environment clearance from Ministry of Environment and Forests;
Completion of feasibility and/or pre-feasibility studies for various early bird projects;
Completion of detailed project reports and/or preliminary engineering for various trunk infrastructure components;
Programme Managers have been appointed for some of the nodes for coordinating all the downstream activities.

9. The Node/City level SPV have been incorporated for Dholera Special Investment Region in Gujarat, Shendra Bidkin Industrial Area in Maharashtra and project specific SPV’s have been incorporated for Integrated Industrial Township Projects in Uttar Pradesh and Madhya Pradesh. SPV’s have also been incorporated for few of the standalone projects in the State of Haryana like Global City Project, Integrated Multi Modal Logistics Hub Project and MRTS Project between Gurgaon to Bawal.

Land has already been transferred by the State Govt.(s) of Gujarat, Maharashtra, Uttar Pradesh and Madhya Pradesh to the project SPV’s and is being transferred by the other State Govt.(s) to kick start the implementation.

10. Subsequently, EPC contractor(s) have been appointed for various trunk infrastructure components for various DMIC nodes. Tender packages amounting to INR 2784.83 Cr have been approved by Cabinet Committee on Economic Affairs (CCEA) for Dholera Special Investment Region (DSIR) in Gujarat; INR 1533.33 Cr for Shendra Industrial Area and INR 6414.21 Cr for Bidkin Industrial Area in Maharashtra.

11. EPC contractor(s) have been appointed for Dholera Special Investment Region for projects amounting to INR 1952 Cr and INR 857 Cr for Shendra Industrial Area. Other packages will be issued in a phased manner. EPC contractor(s) have also been appointed for Integrated Industrial Township Project at Greater Nodia, Uttar Pradesh for INR 426 Cr and for Integrated Industrial Township ‘Vikram Udyogpuri’ Project at Ujjain, Madhya Pradesh for INR 332 Cr. The ground work has also started. Some of the snapshots of the implementation works across DMIC nodes is as under:
Pile testing for Administrative Cum Business Centre for Dholera (ABCD) in Gujarat
Batching Plant for Administrative Cum Business Centre for Dholera (ABCD) in Gujarat

Elevated service reservoir for Potable water in Shendra
Road work under progress for Shendra Industrial Area in Maharashtra

Camp office for IIT, Greater Noida Project
Laying of road work under progress for IIT, Greater Noida Project

PCC in ESR Zone-1 for Vikram Udyogpuri Project in MP
12. DMICDC is also developing state of the art Greenfield International Airport Projects in Gujarat and Rajasthan. Detailed Project Report has already been prepared and approvals like NoC from Ministry of Defence, ‘In-principle’ approval from Ministry of Civil Aviation and Environment clearance from MoEFCC have already been accorded. Transaction Advisors have also been appointed so as to suggest suitable mode of implementation.
13. For the Airport project in Rajasthan, approvals like Site Clearance by Ministry of Civil Aviation (MoCA), NoC by Ministry of Defence have been accorded and Airport Authority of India (AAI) is preparing the DPR for the Project.

14. Logistic parks/hubs have also been planned along the DMIC Corridor in various DMIC States. The objective of these logistic parks is to assure fluidity between all transport connections by ensuring coordination of all transport modes and addressing attendant service requirements. This will result in transportation of goods in a more efficient and productive way.

15. Integrated Multi Modal Logistics Hub (IMLH) at Nangal Chaudhry in Haryana, Multi Modal Logistics Park (MMLP) at Sanand in Gujarat and Multi Modal Logistics Hub (MMLH) at Dadri, Uttar Pradesh have been planned to spur growth and investment in these regions. These logistics hubs/parks are at different stages of project development and the same are being structured on a PPP basis.

16. An ‘Exhibition cum Convention Centre’ Project has also been envisioned in NCR region in Dwarka. In the absence of world class exhibition and conference facilities, India has not benefited from the potential benefits of this development. In order to capitalize on this vast market and to drive India’s industry, commerce, trade and tourism, DMICDC has taken the initiative to develop a state-of-the-art Exhibition-cum-Convention Centre at Delhi comprising of various facilities like Exhibition halls, Convention Centers, Banquet halls, Arena, Financial centre, Hotels, Food & Beverage (F&B) outlets, Commercial and Retail services and Common internal infrastructure facilities. M/s AECOM has already been appointed as the Programme Management Consultants for supervising all the downstream activities. Land admeasuring 89 Ha has been handed over by DDA to DIPP and project developmental activities have been initiated.

17. Also, a state of the art Global city Project is being planned in Gurgaon over an area of 1100 acres. The land is already in the possession of State Govt. of Haryana. The project is being planned with Financial/ Business Center as an integral part and growth driver for the city. The city would thrive on world class infrastructure backbone built on smart city concept by integrating water, power, and connectivity to integration of IT services in managing various public utilities of the area. The feasibility report and master planning is underway.

18. DMICDC has also planned various Mass Rapid Transit System (MRTS) Projects across the DMIC Corridor so as to provide fast access to the DMIC nodes and also provide last mile connectivity. These MRTS projects will also connect existing and/or proposed airports and will provide faster regional connectivity. Detailed Project Report (DPR) for the MRTS project from Ahmedabad to Dholera has been finalized and State Govt. is acquiring land. The work will begin as soon
as land is made available. The project will also provide connectivity to DSIR from Greenfield International Airport at Dholera. Another MRTS project has been planned from Gurgaon to Bawal. The land has already been acquired by the State Govt. of Haryana and DPR has also been finalized. Currently JICA is doing their due-diligence as the project is being included in the JICA rolling plan for availing loan. DPR for MRTS project from Indira Gandhi International Airport in Delhi to Dadri Noida Ghaziabad Investment Region in Uttar Pradesh is being prepared and work will soon begin on all the above highlighted metro projects.

19. DMICDC is in a process of finalizing the land allotment policies in partnership with various node/city level SPV’s and it is expected that the actual land selling will begin from November, 2016.

20. DMCIDC has also launched “Logistics Data Bank Project” at Jawaharlal Nehru Port, Navi Mumbai on 1st July, 2016 which would provide the ‘Visibility’ and ‘Transparency’ of the EXIM Container Movement in the western corridor of India starting from the Ports and covering the entire movement through Rail or Road till the ICD’s and CFS’s. The service would help in reducing the overall lead time of the container movement across the western corridor and lower the transaction costs incurred by the shippers and consignees. The Logistics Databank System will integrate the information available with various agencies across the supply chain to provide detailed real time information within a single window. RFID (Radio Frequency Identification Tag) tag would be attached to each container which would be tracked through RFID readers installed at different locations (Ports, Toll Lanes/ CFS & ICD entry exit points). More than a million containers have been tagged/de-tagged till date.

21. DMICDC has also commissioned a Model Solar Power Project at Neemrana, Rajasthan which has been conceived as the first Smart Micro-Grid project in India, demonstrating the integration of solar power with industrial diesel generator sets (as the backup facility). The Model Solar Power Project consists of the development of 6MWp Solar PV and 2.0 MW Diesel Generator Set integrated with a Smart Micro Grid feeding power to industrial consumers in Neemrana Industrial Park. The project is being implemented in partnership with New Energy and Industrial Technology Development Organization (NEDO), Government of Japan wherein the solar panels and equipment are being procured from Japanese companies namely Hitachi, Kyocera, Sharp, Solar Frontier, Kaneka, etc.