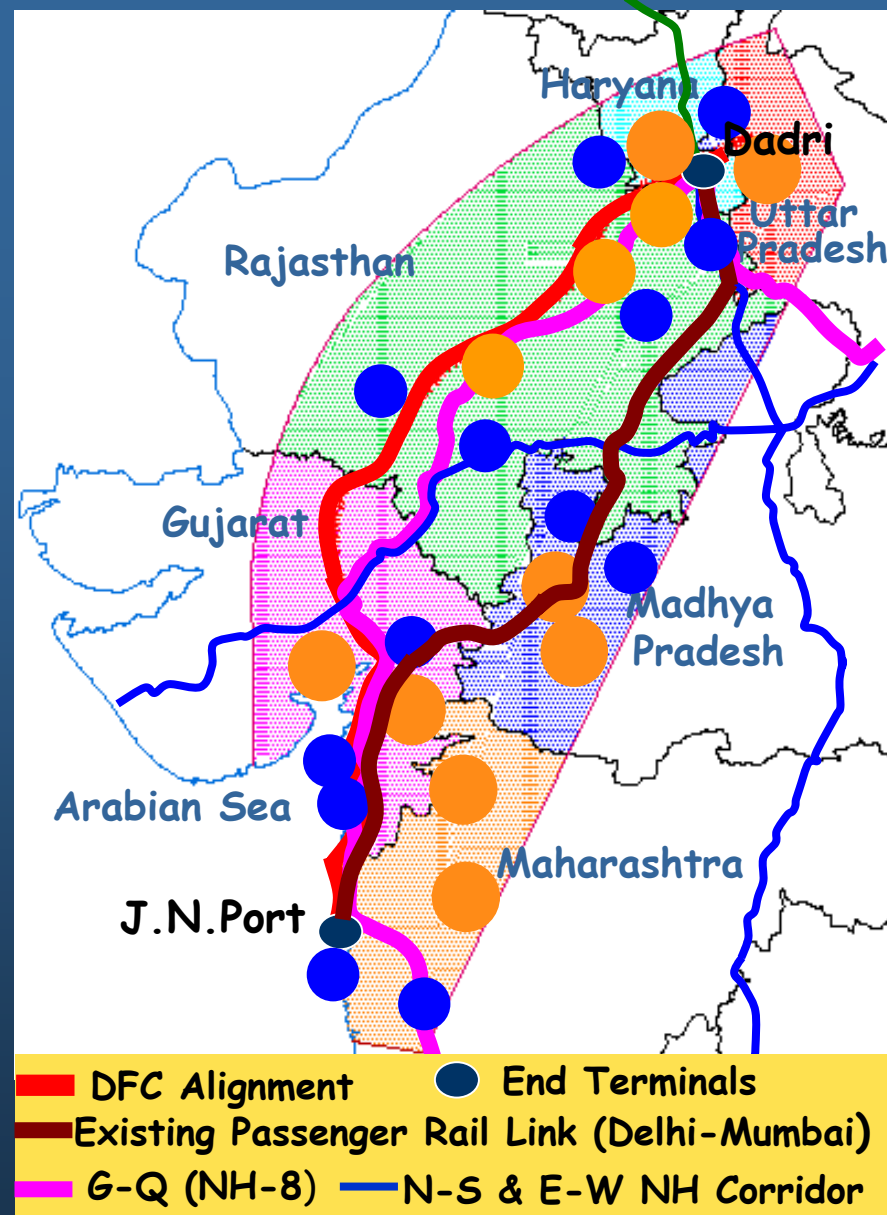


# DMIC – STATUS & OPPORTUNITIES

Tokyo  
February 18, 2008



**DMICDC**

DELHI-MUMBAI INDUSTRIAL CORRIDOR  
DEVELOPMENT CORPORATION LIMITED

# Brief - DMIC Project Concept

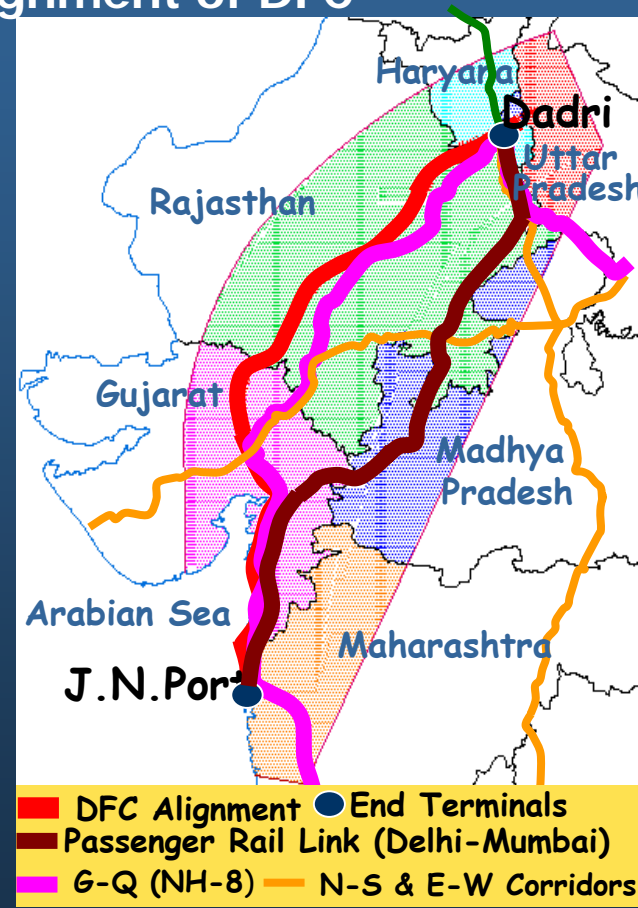
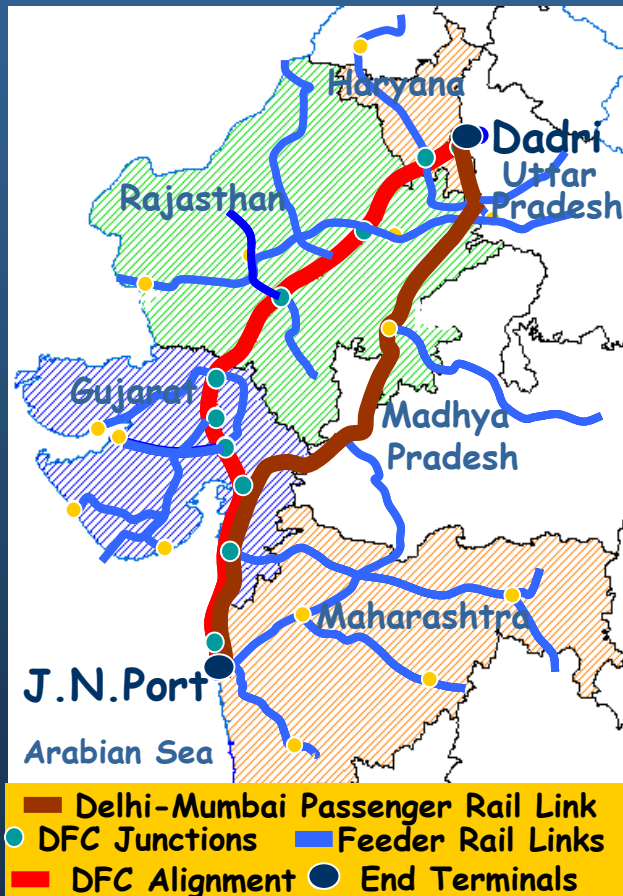
**DMICDC**

# Background

- 1483 km long western dedicated freight corridor (DFC) project between Delhi & Mumbai to be commissioned by 2012
- An MOU was signed between MoCI and METI, Japan in December, 2006 to create a framework for mutual cooperation for the project
- GOI initiated the DMIC to leverage the economic benefits arising from the western dedicated freight corridor
- GOI accorded 'in principle' approval to the DMIC Project Outline in August, 2007

# Delhi-Mumbai Industrial Corridor (DMIC)

Focus is on ensuring high impact developments within a band of 150km on either side of alignment of DFC



# DMICDC

# Vision for DMIC

“To create strong economic base with globally competitive environment and state-of-the-art infrastructure to activate local commerce, enhance foreign investments and attain sustainable development”

- Delhi-Mumbai Industrial Corridor is conceived to be developed as “global manufacturing and trading hub” supported by world class infrastructure and enabling policy framework

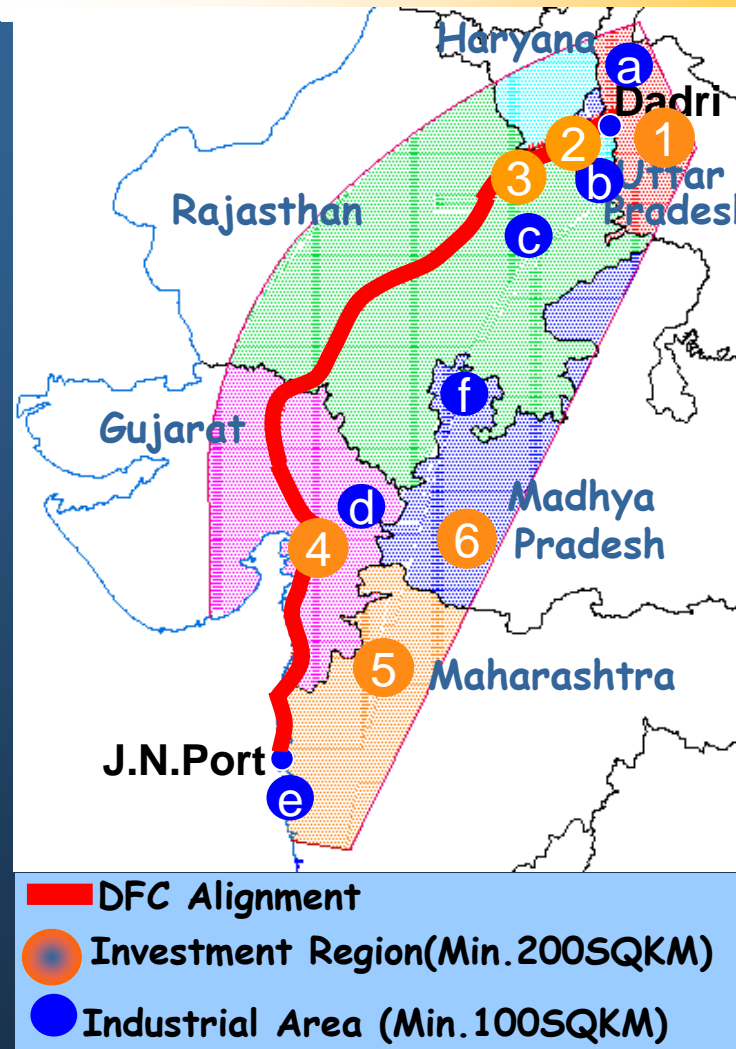
## Project goals

- Double employment potential in five years
- Triple industrial output in five years
- Quadruple exports from the region in five years

# Strategy for integrated development

- Infrastructure development- key to DMIC instead of additional fiscal or financial incentives
- A regional development approach instead of isolated pockets
- The development strategy for the DMIC is based on the competitiveness of each of the DMIC states :
  - Development of high impact/market driven nodes at strategic locations in the DMIC region while adopting holistic approach
  - Each Node will be self-sustained regions with world class infrastructure and enhanced connectivity to DFC, Ports, and Hinterlands
- Market driven nodes are proposed to be in two categories
  - Investment regions - ~ 200 sq km area (minimum)
  - Industrial areas - ~ 100Sqkm area (minimum)
- A total of 24 nodes have been identified in consultation with state governments :
  - 11 investment regions
  - 13 industrial areas

# Nodes for Phase-1 Development



## Short listed investment regions:

- 1) Dadri-Noida-Ghaziabad (Uttar Pradesh);
- 2) Manesar-Bawal region (Haryana);
- 3) Khushkhera-Bhiwadi-Neemrana (Rajasthan);
- 4) Bharuch-Dahej (Gujarat);
- 5) Igatpuri-Nashik-Sinnar (Maharashtra);
- 6) Pitampura-Dhar-Mhow (Madhya Pradesh)

## Short listed industrial areas:

- a) Meerut-Muzaffarnagar (Uttar Pradesh)
- b) Faridabad-Palwal (Haryana)
- c) Jaipur-Dausa (Rajasthan);
- d) Vadodara-Ankleshwar (Gujarat);
- e) Dighi Port (Maharashtra);
- f) Nimach-Nayagaon (Madhya Pradesh)

# Components of each investment node

## ■ Industrial Infrastructure

- New industrial clusters/ parks/ SEZs
- Upgradation of existing industrial estates/clusters
- Modern integrated agro-processing zones with allied infrastructure
- IT/ITES hubs and other allied infrastructure
- Efficient logistics chain with integrated multi-modal logistic hubs

## ■ Physical Infrastructure

- Knowledge cities / skill development centers with integrated approach
- Augmentation of existing port infrastructure & Greenfield port development;
- Upgradation/ modernization of airports;
- Power generation plants with transmission facilities;
- Feeder road/rail connectivity to ports, hinterlands and markets;
- Dovetailed integrated townships catering to investor countries
- Effective environment protection mechanism



# DMIC Project Status

**DMICDC**

# DMIC Project Status

- Apex Authority constituted for DMIC with Union Finance Minister as Chairman, other Cabinet Ministers and Six Chief Ministers as Members
- DMICDC, the project development agency for DMIC, successfully incorporated on 7<sup>th</sup> January, 2008 with following initial equity structure:
  - GOI: 49%
  - Financial Institutions: 51%
- First Board Meeting of DMIC held on 28<sup>th</sup> January, 2008 under the chairmanship of Shri Ajay Shankar, Secretary, DIPP, MoCI
- M/s IL&FS Infrastructure Development Corporation Limited (IIDC) appointed as Project Management Consultant (PMC) to DMICDC

**DMICDC**

# DMIC Project Status

- Expression of Interest (EOI) Notice, to appoint Master Planning Consultants for DMIC Region, published on 9th February, 2008 in worldwide editions of 'The Economist'
- Envisaged Timelines for selection of Master Planning Consultants:
  - Receipt of EOI Applications: 21 Days from publication of EOI
  - Pre-Qualification & Issue of RFP: By 16<sup>th</sup> Day of EOI submission
  - Receipt of RFP : 60 Days from issue of RFP
  - Evaluation & Selection: 30 Days from submission of RFP
- Consultants shall prepare detailed plans for DMIC Region in 8-10 months after appointment
  - A perspective plan for overall DMIC Region
  - Master Plans for investment nodes to develop as Modern Industrial Townships with world class infrastructure
- Other administrative tasks being addressed to avail Commencement of Business (COB) Certificate and to open Bank Account for DMICDC

**DMICDC**

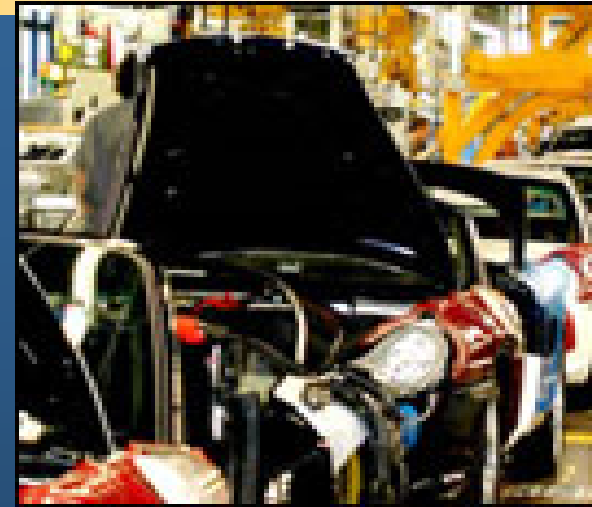
# Sector-wise Investment Opportunities in DMIC Region

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# Project Component:

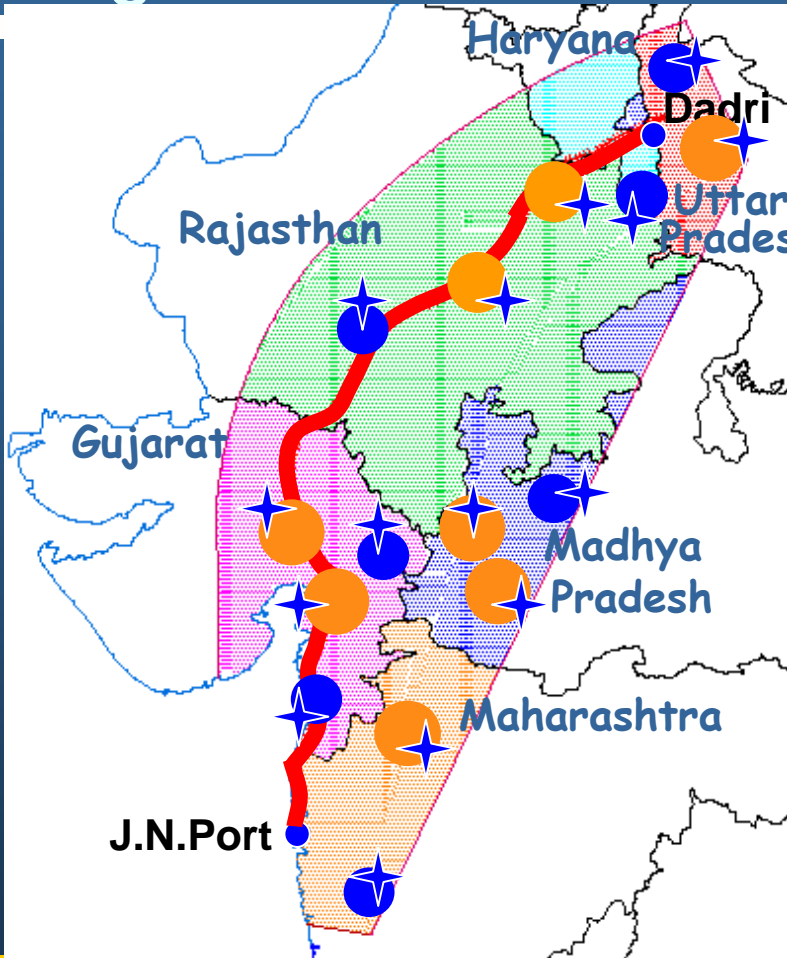
## New Export Oriented Units/ SEZs

- Involves setting up self-sustainable manufacturing/industrial processing activities (SEZs/ Industrial Parks/ Port Based Industries)
- These regions shall be:
  - Sector-specific/ multi-product depending upon the location (or) specific potentials of the region
  - Will be part of all the envisaged Special Investment Node in DMIC Region
  - Could be inclusive of SEZs/ Industrial Parks that are various stages of approvals



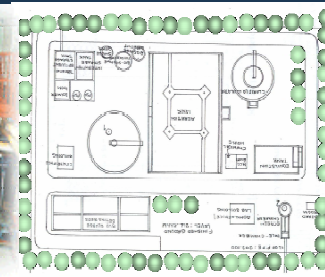
# Project Component:

## Augmentation of Industrial Estates



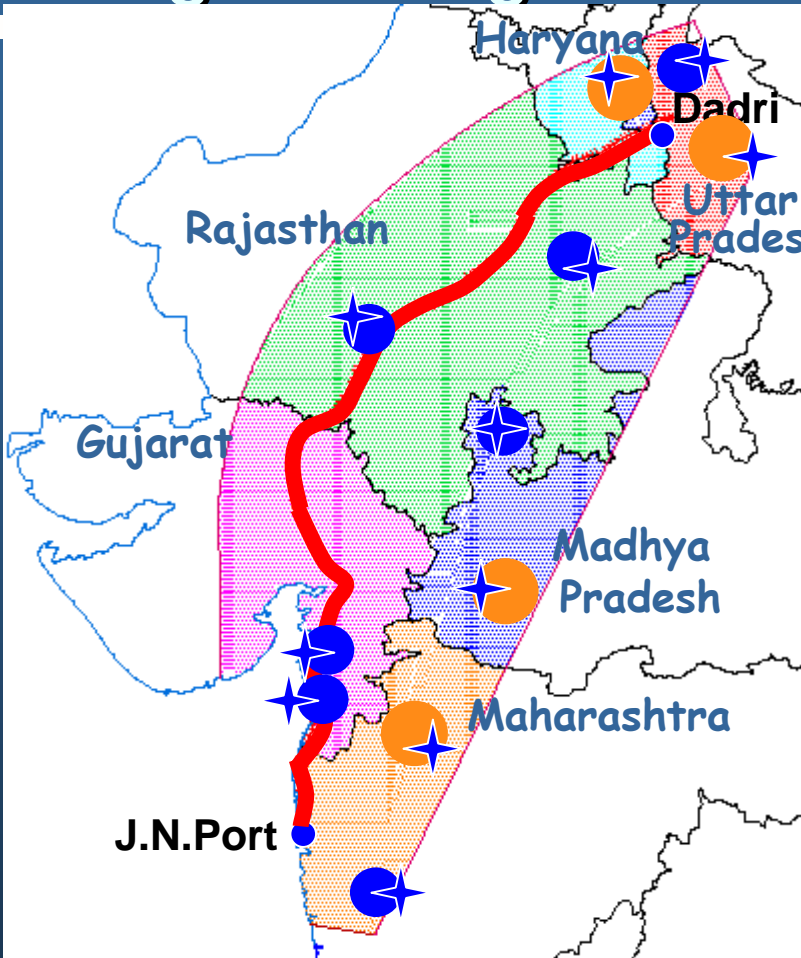
- Focus is on identifying industrial estates that have potential for further augmentation
- Augmentation measures for industrial estates include:
  - Expansion of area allocated with requisite amenities
  - Improvement of existing physical and social infrastructure (Road/Rail, Truck Terminals/Warehousing Zones)
  - Development of requisite common infrastructure as CETP, Hazardous Waste Management Facility (HWMF) etc
- In all, 12 to 15 Locations identified across the DMIC Region

- ★ Industry Augmentation Locations
- Investment Region (200SQKM)
- Industrial Area (100SQKM)



# Project Component:

## Integrated Agro/Food Processing Zone



- DFC Alignment
- Integrated Agro/Food Processing Zone
- Investment Region (200SQKM)
- Industrial Area (100SQKM)

- Developing Integrated Agro/ Food Processing Zones with backward and forward Linkages to offer necessary fillip to agriculture and food processing industries

### Indicative Components:

- Horticulture Hub and Food processing Zone- End to End Approach to integrate the process
- Cold Chain Logistics Infrastructure
- Retail Infrastructure: Strong retail front-end

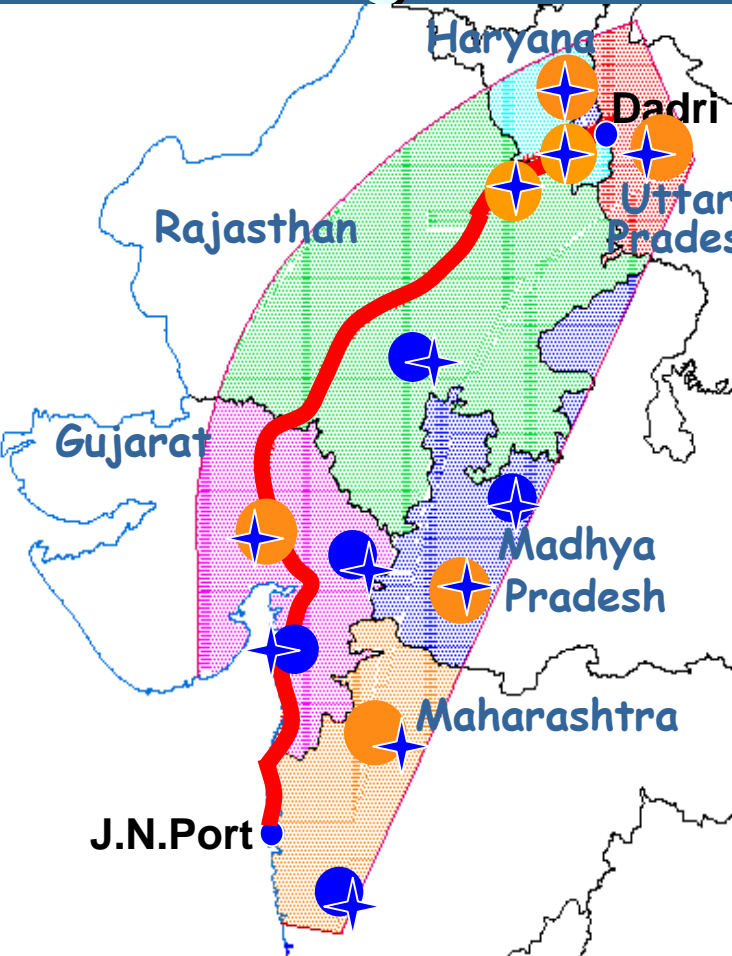
### Short listed Locations (in all 9 Locations):

- UP (Hapur)- Food Grains, Vegetables
- Haryana (Sonapat) - Vegetables, Food Grains
- Rajasthan (Dausa and Pali)- Guar Gum, Fruits/Vegetables, Oil & Cotton Seed Process
- Gujarat (Navsari and Valsad) - Isabgul, Spices, Mango, Sapodilla
- Maharashtra(Nashik, Pune) -Wine Processing, Fruits & Vegetables
- Madhya Pradesh (Nimach)- Opium Process



# Project Component:

## Knowledge Cities/ Skill Development Centers



### Objectives:

- Position DMIC States as Centers of Excellence for learning and innovation
- Linking & developing skills, know-how of industry and bridge the talent gap
- Generate knowledge output of highest quality not only to benefit states/country but to global community

### Project Concept:

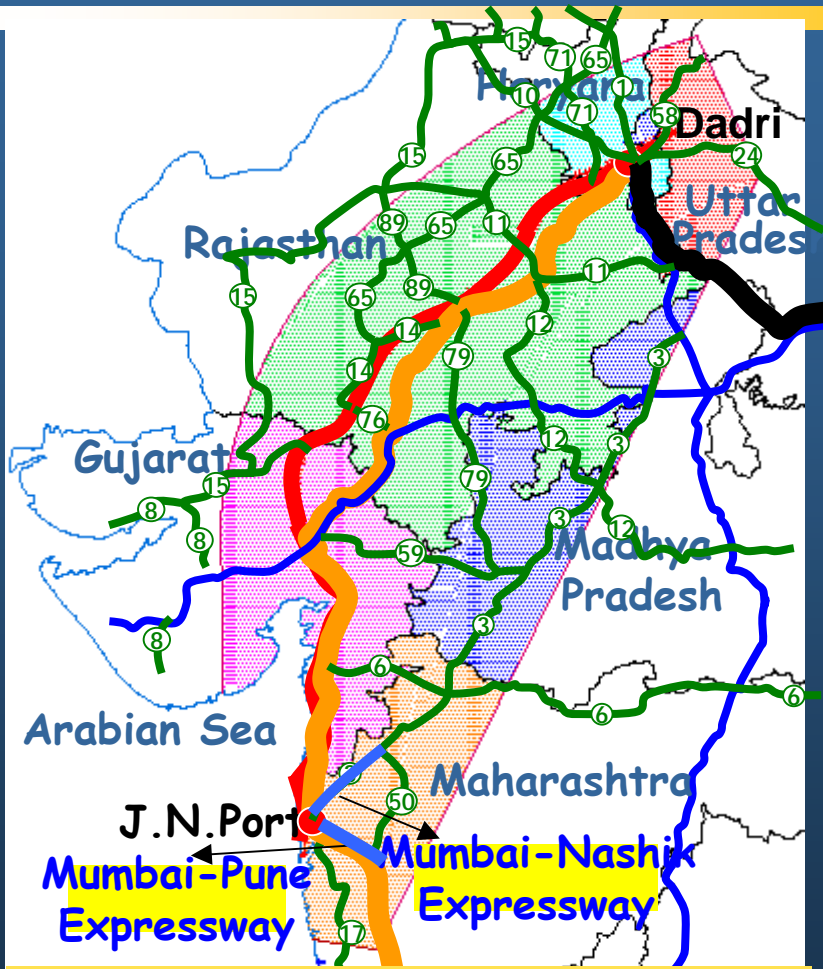
- To create an ambience of learning and innovation characterized by vibrant campuses, peaceful neighborhood, adequate commercial/ recreational facilities, good civic infrastructure
- Atleast Ten Locations short listed for 'Knowledge Cities'
- Other locations to have similar facilities at smaller scale





# Project Component:

## Development of Feeder Road Links



- Proposed Industrial Regions would be well served by National Highways
- Development of Feeder Road Links include construction of missing links, augmentation of existing linkages to Four/Six Lane configuration
- DMIC involves construction/ augmentation of 4000km State Highways and Missing Links
- Ministry of Road Transport may accord National Highway Status to Highway links in consultation with DMICDC/ State Governments

Golden Quadrilateral  
● End Terminals      — National Highways  
— DFC Alignment      — N-S & E-W Corridor

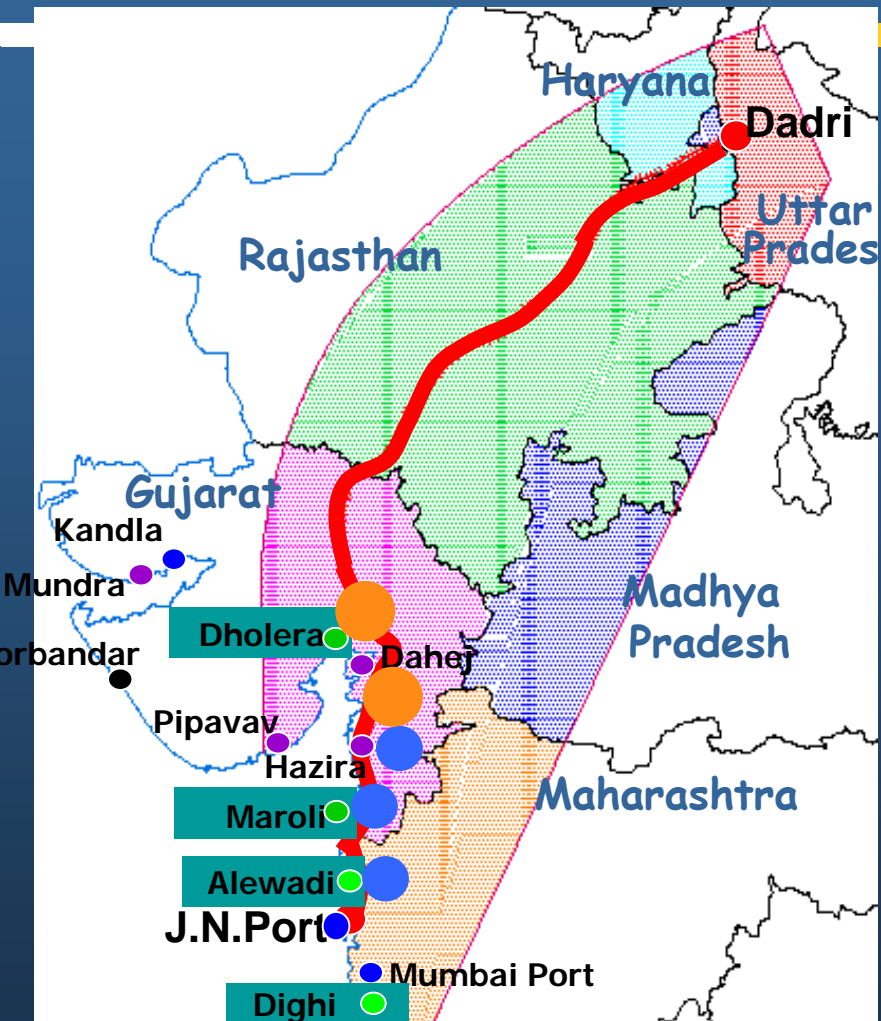
## Project Component:

# Development of Feeder Rail Connectivity

- DMIC Region would be served by combination of DFC & Feeder Rail Linkages
- Augmentation of 1100km long rail network, out of 2500km, is already commissioned for developing as DFC Spurs by Indian Railways
- DMIC involves construction/ augmentation of new rail links to connect the identified industrial regions with DFC, Ports and Hinterlands
- Developing Additional DFC Spurs along:
  - Vasai Road-Diva-Panvel-Karjat-Pune Rail Link (for enhancing linkage between Mumbai/ North India and Pune)
  - Construction of Dhar-Chhota Udepur Rail Link (100km) to link Indore/Pithampur with DFC near Vadodara in Gujarat
- Developing Regional Rail Links along: Pune-Nashik, Palwal- Rewari & Palwal-Khurja
- Developing Regional MRTS links for
  - Gandhinagar-Ahmedabad-Dholera;
  - Delhi-Gurgaon-Manesar-Neemrana
  - Noida-Greater Noida- Jeur Airport

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# Augmentation of Port Connectivity

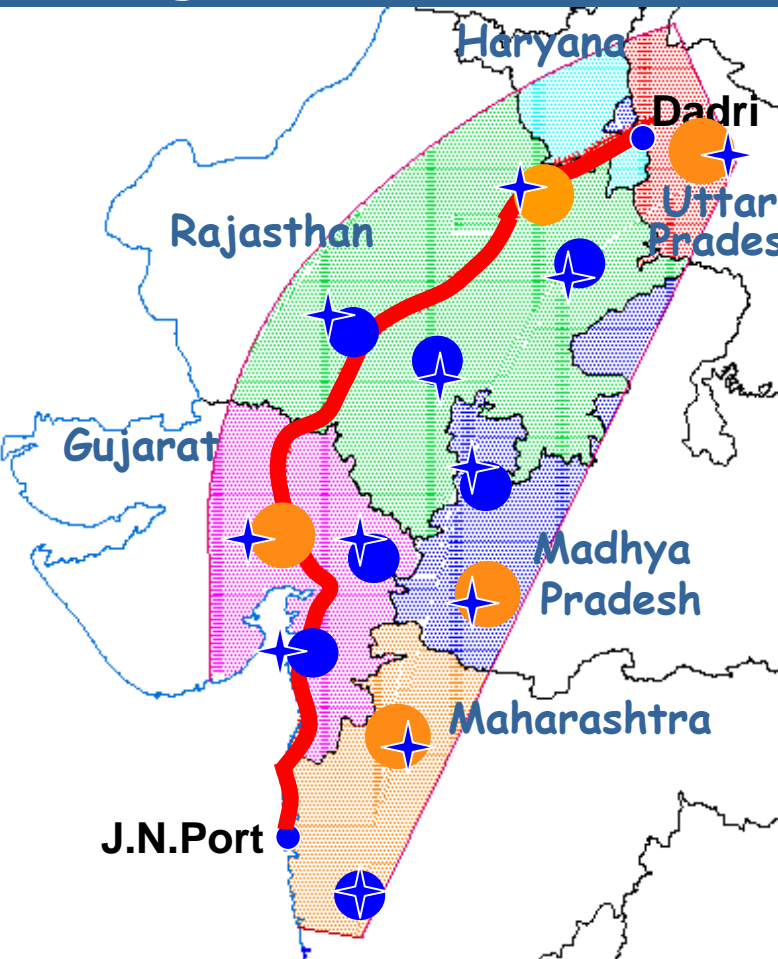


- End Terminals
- Major Ports
- DFC Alignment
- Medium Ports
- Minor/Other Ports
- Greenfield Ports

- **Dholera Greenfield Port, Gujarat:**
  - 15-18m Draft and Tidal Amplitude of 10m Height
  - Potential for Ship Building/ Repairing, Auto/Auto Component
  - Being Developed as Special Investment Region over 250Sqkm
- **Maroli Greenfield Port, Gujarat:**
  - Potential to handle 13MTPA in 2010
  - Coal, Containers, LNG, General Cargo – Potential Commodities
- **Dighi Greenfield Port in Maharashtra:**
  - Potential to handle all sizes of vessels & 8.5 MTPA Cargo
- **Potential for additional Developments at Dahej and Hazira Ports in Gujarat**

# Project Component:

## Augmentation of Airports



- DFC Alignment
- Airport Augmentation
- Investment Region (200SQKM)
- Industrial Area (100SQKM)

### Concept:

- Planning Approach for DMIC to ensure air connectivity to all investment regions and industrial areas
- Investment Regions can have Air Strips, depending on location, to link with international airport transfer facility for Business Visitors

### Proposed Augmentation Measures:

- New Airport at Greater Noida (Jeur, Dist. Aligarh, Uttar Pradesh)
- Augmenting Udaipur/ Jodhpur, Jaipur Airports in Rajasthan
- New Airport at Dholera & Augmentation of Vadodara and Surat Airports in Gujarat
- Nashik and Pune Airports in Maharashtra
- Intl. Airport at Indore in Madhya Pradesh
- Greenfield Air Strips at Neemrana-Rajasthan; Mandsaur/ Ratlam/ Nagda- MP



# Project Component:

# Developing Logistics Facilities

- Each Common Investment Region (IR/IA) will be provided with modern logistics infrastructure to serve containerized and non-containerized cargo
- Integrated Multimodal Logistics Hubs at:
  - Bawal and Palwal, Haryana
  - Ajmer/Marwar, Rajasthan
  - Palanpur in Gujarat
  - Nashik, Pune in Maharashtra
  - Dewas and Indore in Madhya Pradesh
- Envisaged Port (Container, Ro-Ro, Bulk) Terminals
  - Bulk Terminal, Ro-Ro Facility at Dahej
  - Break-Bulk Terminal, Ro-Ro Facility at Maroli
  - Container Terminals at Hazira, Dighi Ports
- State-of-the-Art Warehousing zones to be provided with Inventory Management and Communication System integrating logistics components as well as facilitating 3<sup>rd</sup> Party Logistics Operators



## Project Component:

# Augmentation of Power Supply System

- Successful development of DMIC requires assured/reliable power supply on continuous basis
- Need for Additional Capacity and Sources of Power to cater to DMIC
- DMIC envisages addition of 10,000MW, mostly along the west coast of Gujarat and Maharashtra
  - Fuel Sources: Imported Coal (Coastal) , Lignite, Domestic Coal, UCG
  - 3000-3500MW Power Plants at Dholera, Gujarat and at Dighi, Maharashtra

## Proposed Frameworks:

- Generation Plants at State Controlled/ Owned Projects/ IPPs
  - Generator could supply Power to State DISCOM under PPA and State DISCOMs can supply power to DMIC at applicable commercial tariff
  - Generator can identify industrial consumers and enter into PPA
- Generation Plants under CPP Framework
  - Could be set up under captive mode by a group of industries

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## Project Component:

# Environmental Protection Mechanism

Emphasis on sustainable development and protection of the region's minerals, forests and other natural resources

### Proposed Approach for Environmental Protection Mechanism

- Adherence to National environment policy, guidelines, rules & acts;
- Comprehensive Environmental Planning and Management;
- Emphasis on ecological designs, cleaner production technologies;
- Public communication and participation;
- Creating market based enforcement mechanism "Polluter Pays";
- Ensure provision of requisite environmental infrastructure with appropriate design and integration with industrial infrastructure

### Indicative Guidelines Envisaged for Development of Industrial Regions:

- Define the carrying capacity of each industrial zone;
- Maintain the natural areas and indigenous vegetation to extent possible;
- Incorporate Energy and resource efficient designs;
- Planning environmental management systems & projects

# Project Component:

## Integrated Townships

- Industrial Regions in DMIC (Investment Regions and Industrial Areas) will be provided with integrated townships consisting of
  - Residential, commercial, institutional, leisure and recreational areas along with requisite physical and social infrastructure facilities
  - Traffic calming/ local area traffic management system with segregated walkways, cycle tracks, public transport facilities
- Development of dovetailed integrated townships replicating the living styles/ development needs of investors with state-of-the-art physical and social infrastructure



**DMICDC**



**Thank You**

**DMICDC**

# Way Forward

**DMICDC**

# Way Forward

- Developing select stand-alone projects, across the DMIC Region within next 10-12 months
- Undertake Master Planning for six investment nodes in Phase-1 to develop as Modern Industrial Townships with world class infrastructure, and identification of viable projects for investment – with in next 10 to 12 months
- Undertaking Studies for enhancing Logistics/ Transportation, Power Supply and Environment Management system across DMIC Region

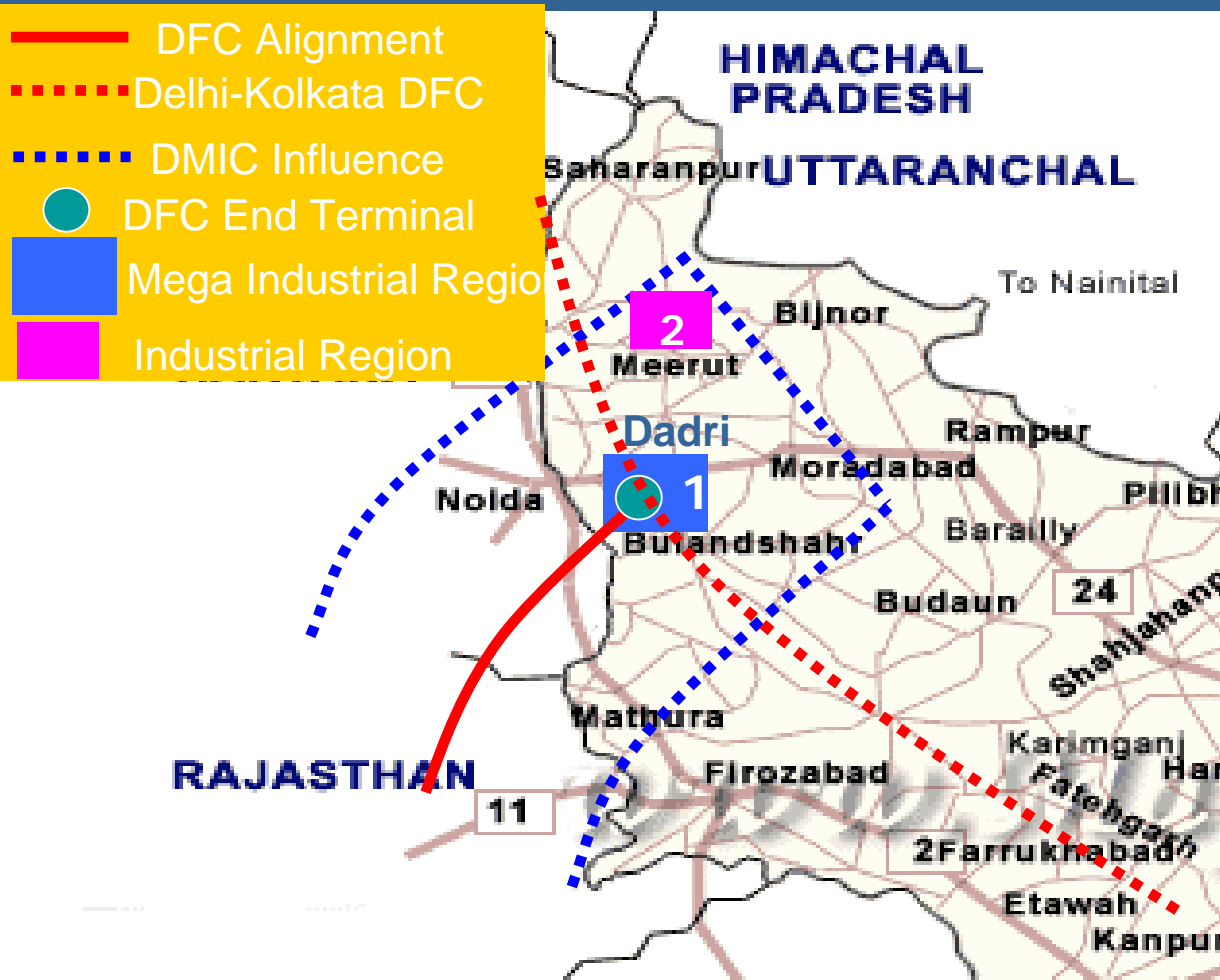
# STATE WISE INDUSTRIAL NODES IN DMIC REGION

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UTTAR PRADESH

**DMICDC**

# Proposed Industrial Nodes in Uttar Pradesh



- Node-1: Dadri-Noida-Ghaziabad Mega Industrial Region
- Node-2: Meerut-Muzaffarnagar Industrial Region

# Summary- Components of Nodes in Uttar Pradesh

Component	Dadri-Noida- Ghaziabad (MIR, Minimum-200 Sqkm) ^	Meerut-Muzaffarnagar (IR, Min.100 Sqkm)
Node No	1	2
New Export-oriented Unit/ SEZs	*	*
Augmenting Exist. Indl. Estates	Ghaziabad	Meerut, Muzaffarnagar
Agro/ Food Processing Zone	*	*
Knowledge City	*	
Logistic Park/ICD/ Port Cont. Terminal/CFS	Integrated Logistics Hub (with ICD)	Truck Terminal with Warehousing Facility
Integrated Township	*	*
Power Plants	* (Dadri-2500MW)	
IT/ITES / Biotech Hub	*	
Feeder Rail	Connectivity to Eastern (Ludhiana-Delhi-Kolkata) and Western (Delhi-Mumbai) Freight Corridors	Connectivity to DFC, Meerut, Lucknow/Saharanpur
Feeder Roads	Linking with NHDP (NH-24, NH-58), Taj Expressway, Eastern Peripheral Expressway & Hinterlands & Augmentation of State Highway (Ghaziabad-Aligarh-Agra)	Connectivity to NH-58, Augmentation of State Highways, construction of new Expressway between Delhi, Meerut and Muzaffarnagar

^ Note: This Investment Region will be served by proposed Greater Noida Airport, besides International Airport at Delhi

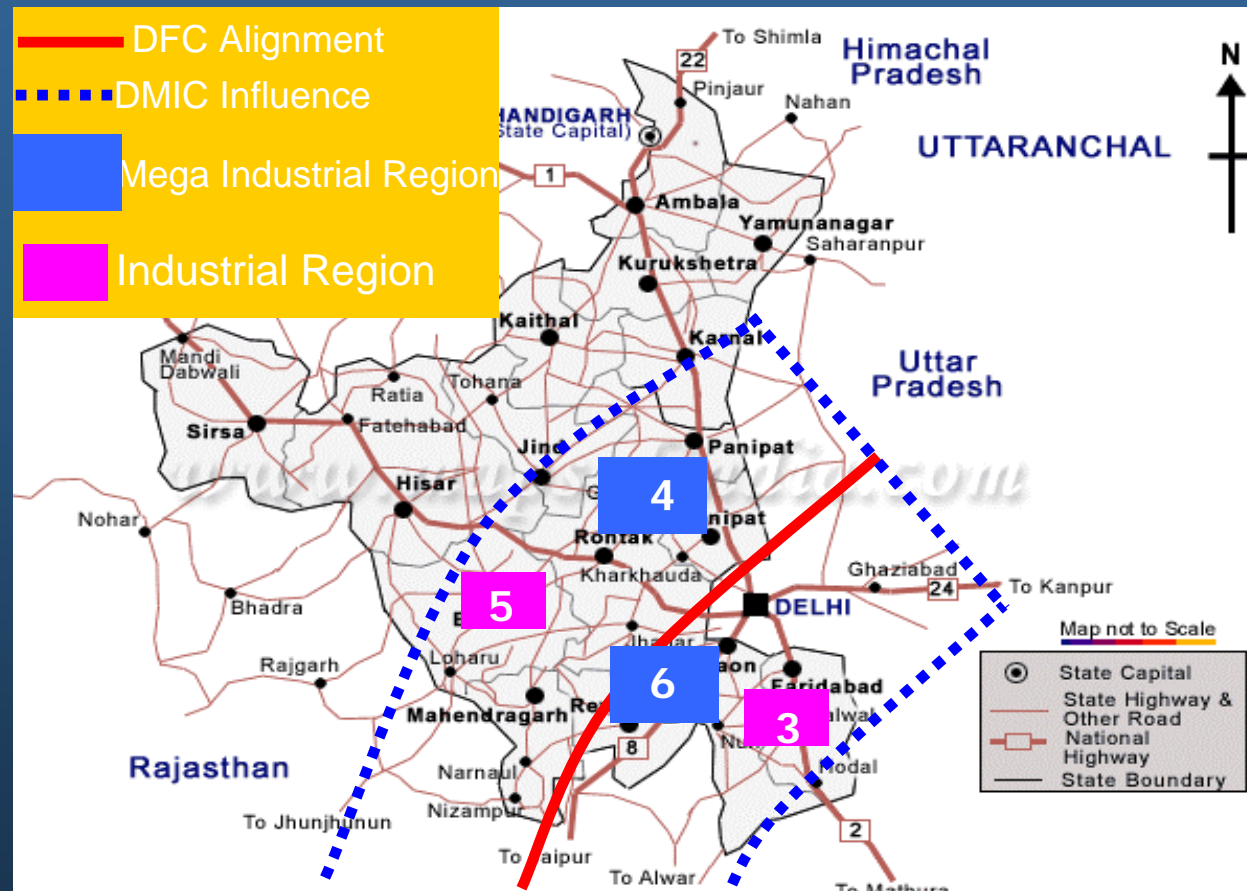
'General Manufacturing Investment Region', to be spread over 400sqkm, is being planned at Dadri-Noida-Greater Noida-Ghaziabad

HARYANA

**DMICDC**



# Proposed Industrial Nodes in Haryana



- Node-3: Faridabad-Palwal Industrial Region
- Node-4: Kundli-Sonapat Mega Industrial Region
- Node-5: Rewari-Hissar Industrial Region
- Node-6: Manesar-Bawal Mega Industrial Region

# Summary- Components of Nodes in Haryana

Component	Faridabad-Palwal (IR- Min.100Sqkm)	Kundli-Sonepat (MIR-Min. 200sqkm)	Rewari-Hissar (IR- Min.100Sqkm)	Manesar-Bawal (MIR- Min.200Sqkm) ^
Node No	3	4	5	6
New Export-oriented Units/ SEZs	*	*	*	*
Augmenting Exist. Indl. Estates	IMT-Faridabad			Bawal Growth Center
Agro/ Food Processing Zone		*		
Knowledge City		*		*
Integrated Logistics Hub / Port Terminal/ Truck Terminal	Integrated Logistics Hub (with ICD)	Truck Terminal with Warehouse	Truck Terminal with warehouse near Bhiwani	Inland Container Depot at Bawal/ Rewari
Integrated Township	*	*	*	*
IT/ITES / Biotech Hub				*
Feeder Rail	Connectivity to Delhi-Agra Main	Connectivity to Delhi-Ambala Main	Augmentation of Rewari-Hissar- Bathinda Link	Connectivity to DFC at Rewari
Feeder Roads	Linking with NHDP, Peripheral Expressways & Hinterlands	Linking with NHDP, Peripheral Expressways & Widening of NH-71A, St. Highways	Linking with NHDP, Peripheral Expressways & Widening of NH- 71, NH-10, SHs	Linking with NHDP, DFC, Expressways & Hinterlands

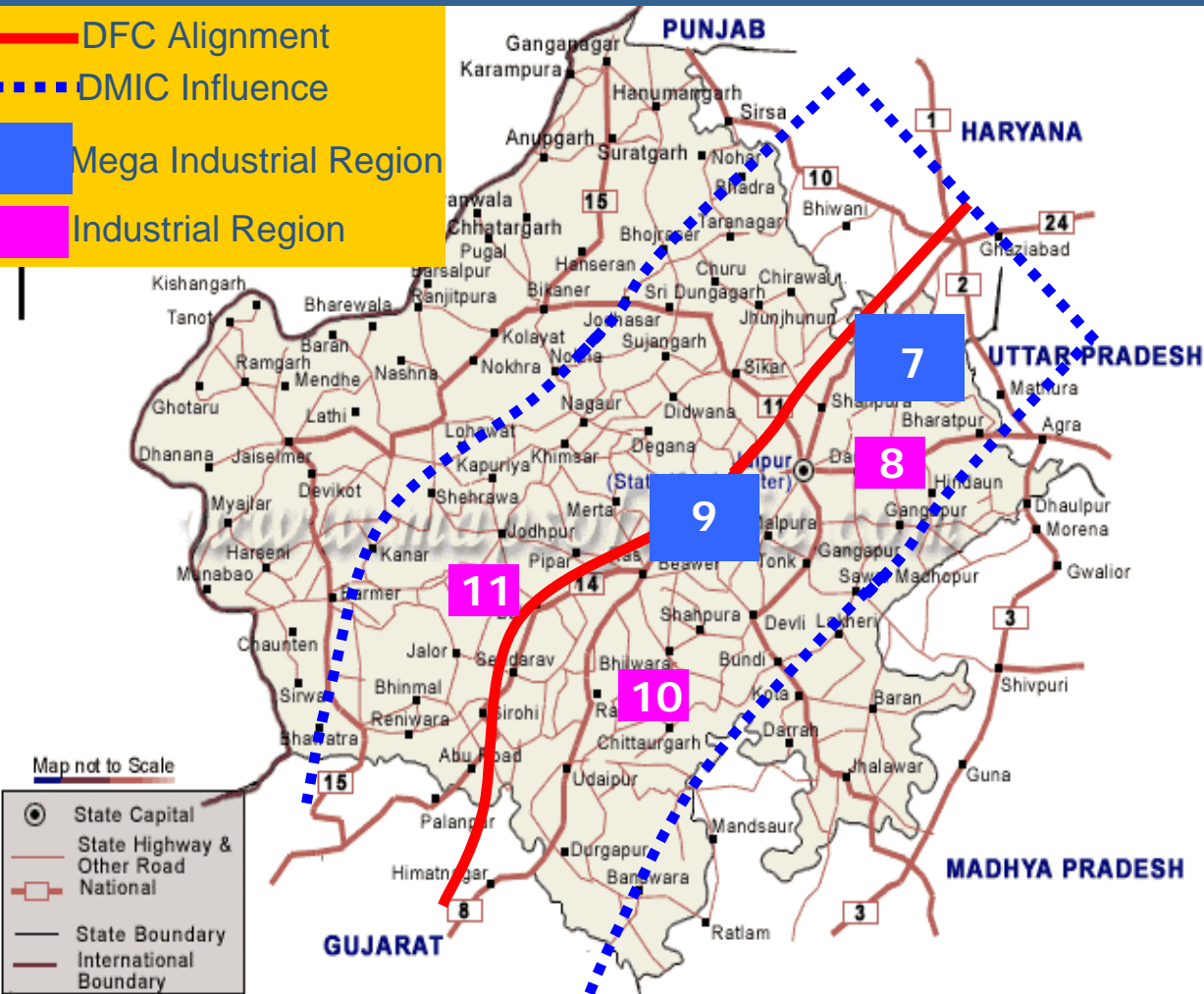
^An 'Auto/Auto Component Investment Region, to be spread over 800sqkm, is being planned at Rewari-Manesar-Bawal Region

RAJASTHAN

**DMICDC**

# Proposed Industrial Nodes in Rajasthan

- DFC Alignment
- - - DMIC Influence
- 7 Mega Industrial Region
- 8 Industrial Region



- Node-7: Khushkhera-Bhiwadi-Neemrana Mega Industrial Region
- Node-8: Jaipur-Dausa Industrial Region
- Node-9: Ajmer-Kishangarh Mega Industrial Region
- Node-10: Rajasamand-Bhilwara Industrial Region
- Node-11: Pali-Marwar Industrial Region

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# Summary- Components of Nodes in Rajasthan

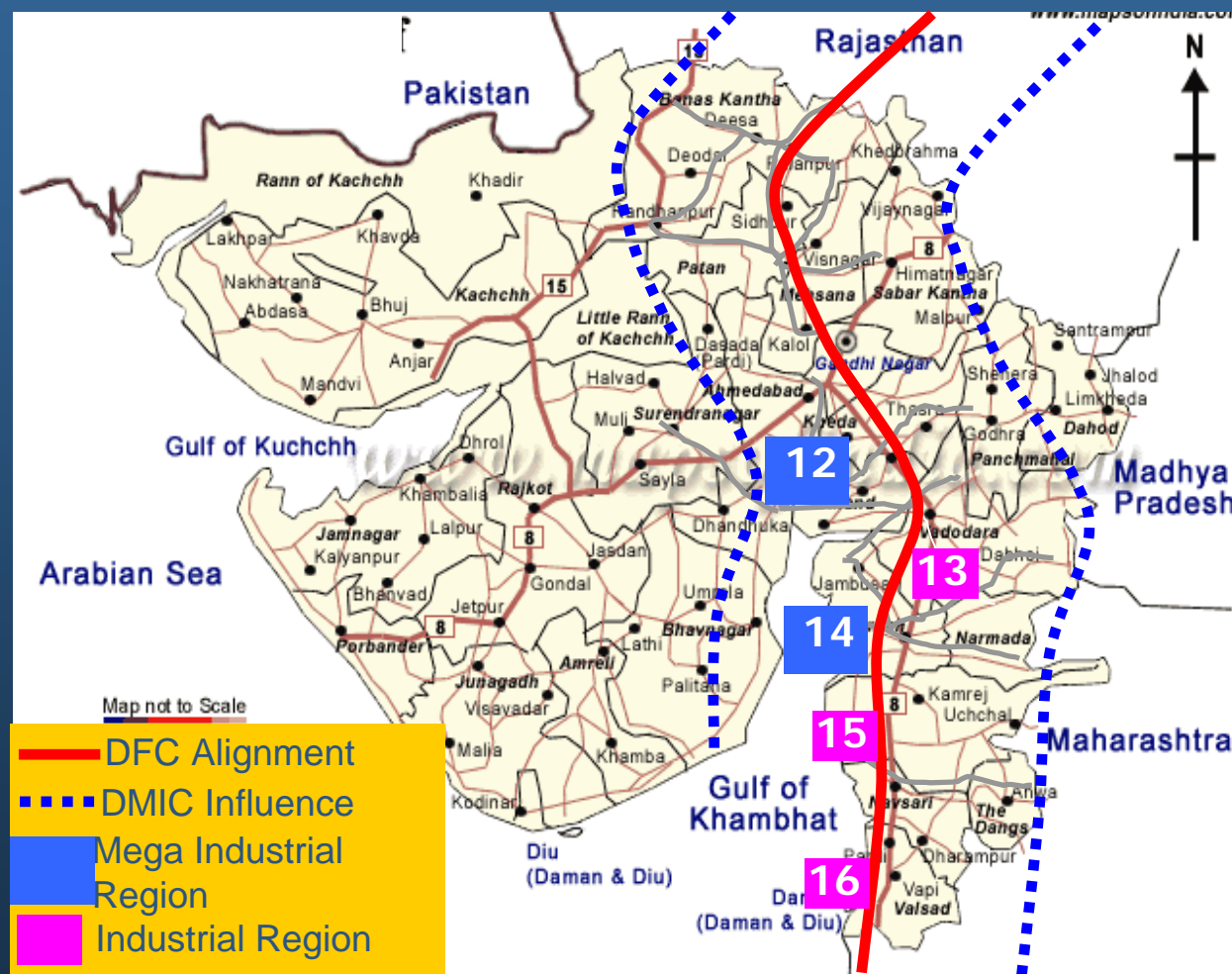
Component	Khushkhera-Bhiwadi-Neemarana (MIR-Min. 200sqkm) ^	Jaipur-Dausa (IR-Min. 100sqkm)	Ajmer-Kishangagrh (MIR- Min. 200sqkm)	Rajsamand-Bhilwara (IR-Min. 100sqkm)	Pali-Marwar (IR Min. 100sqkm)
Node No	7	8	9	10	11
New Export-oriented Unit/ SEZs	*	*	*	*	*
Augmenting Exist. Indl. Estates			Kishangarh		Pali
Agro/ Food Processing Zone		*			*
Knowledge City	*			*	
Integrated Logistics Hub / Port Terminal/ Truck Terminal	Integrated Logistics Hub	Truck Terminal + Warehouse	Integrated Logistics Hub (with ICD)	Truck Terminal + Warehouse	Integrated Logistics Hub (with ICD)
Airport Development	Intl. Airport Complex	Jaipur		Udaipur	Jodhpur
Integrated Township	*	*	*	*	*
IT/ITES / Biotech Hub	*				
Feeder Rail Links	Rail Linkage with DFC	Served by Jaipur-Agra BG Link	Linkage with DFC	Linkage with Ajmer-Chittaurgarh	Served by DFC at Marwar
Feeder Roads	Linkage with NHDP, DFC, Hinterland	Linkage with NH-11 & Hinterland	Linkage with NHDP, DFC/ Hinterland	Linkage with NHDP, DFC & Hinterland	Linkage with NHDP, DFC/ Hinterland

^Government of Rajasthan plans to develop a Mega City, to be spread over 160Sqkm, at Nimarana-Behror

GUJARAT

**DMICDC**

# Proposed Industrial Nodes in Gujarat



- Node-12: Ahmedabad-Dholera Mega Industrial Region
- Node-13: Vadodara-Ankleshwar Industrial Region
- Node-14: Bharuch-Dahej Mega Industrial Region
- Node-15: Surat-Navsari Industrial Region
- Node-16: Valsad-Umbergaon Industrial Region

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# Summary- Components of Nodes in Gujarat

Component	Ahmedabad-Dholera (MIR-Min. 200Sqkm)#	Vadodara-Ankleshwar (IR-Min.100Sqkm)	Bharuch-Dahej (MIR-Min. 200Sqkm)^	Surat-Navsari (IR-Min. 100Sqkm)	Valsad-Umbergaon (IR-Min. 100Sqkm)
Node No.	12	13	14	15	16
New Export-oriented Unit/ SEZs	*	*	*	*	*
Augmenting Exist. Indl. Estates	Vatva	Ankleshwar/Jhagadia	Vilayat		Umbergaon
Agro/ Food Processing Zone				*	*
Port Development	Dholera (Greenfield)		Dahej	Hazira	Maroli (Greenfield)
Ship Yard	*				*
Knowledge City	*	*		*	
Integrated Logistics Hub / Port Terminal/ Truck Terminal	Integrated Logistics Hub (With CFS)	Truck Terminal + Warehouse	Bulk & Ro-Ro Terminals Logistics Hub	Port Cont. Terminal Logistic Hub	Break-Bulk & Ro-Ro Terminals Logistics Hub
Airport Development	Intl. Airport Complex	Vadodara		Surat	
Integrated Township	*	*	*	*	*
Power Plants	3500MW	Captive	Captive	Captive	Captive
IT/ITES / Biotech Hub	*	*		*	

#Note: At Gandhinagar, Government of Gujarat has proposed a Knowledge City with Finance City over 700-800Ha land, envisaged to be part of Ahmedabad-Dholera Investment Region

# Dholera Investment Region, to be spread over 250Sqkm, is part of the State's Vision Plan for Infrastructure

^ Investment Region at Bharuch-Dahej will include Petroleum, Chemicals & Petrochemical Investment Region (PCPIR), spread over 250sqkm, proposed by the Ministry of Chemicals & Petro-Chemicals, Government of India



# Summary- Components of Nodes in Gujarat

Component	Ahmedabad-Dholera (MIR-Min. 200Sqkm)^	Vadodara-Ankleshwar (IR-Min. 100Sqkm)	Bharuch-Dahej (MIR-Min. 200Sqkm)	Surat-Navsari (IR-Min. 100Sqkm)	Valsad-Umbergaon (IR-Min. 100Sqkm)
Node No.	12	13	14	15	16
Feeder Rail Links	Regional Rail Link between Ahmedabad-Dholera; Dholera-Vadodara Link for DFC	Will be Served by Vadodara Junction on DFC	Bharuch-Dahej Gauge Conversion	Hazira-Surat Gauge Conversion	Broad-gauge Rail link between Maroli and DFC
Feeder Roads	Connectivity to NH-8A, NH-8, Bhavnagar & Surendra Nagar,	Connectivity to NH-8 and augmentation of state highway links for Jambusar, Rajpipla	Four-laning of Bharuch-Dahej and Augmentation of Ankleshwar-Shirpur (NH-3) Link	Four-laning of Hazira-Surat; Connectivity to NH-8, NH-6	Augmentation of Connectivity between Maroli- NH-8; Vapi- NH-3; Valsad- NH-6 Links

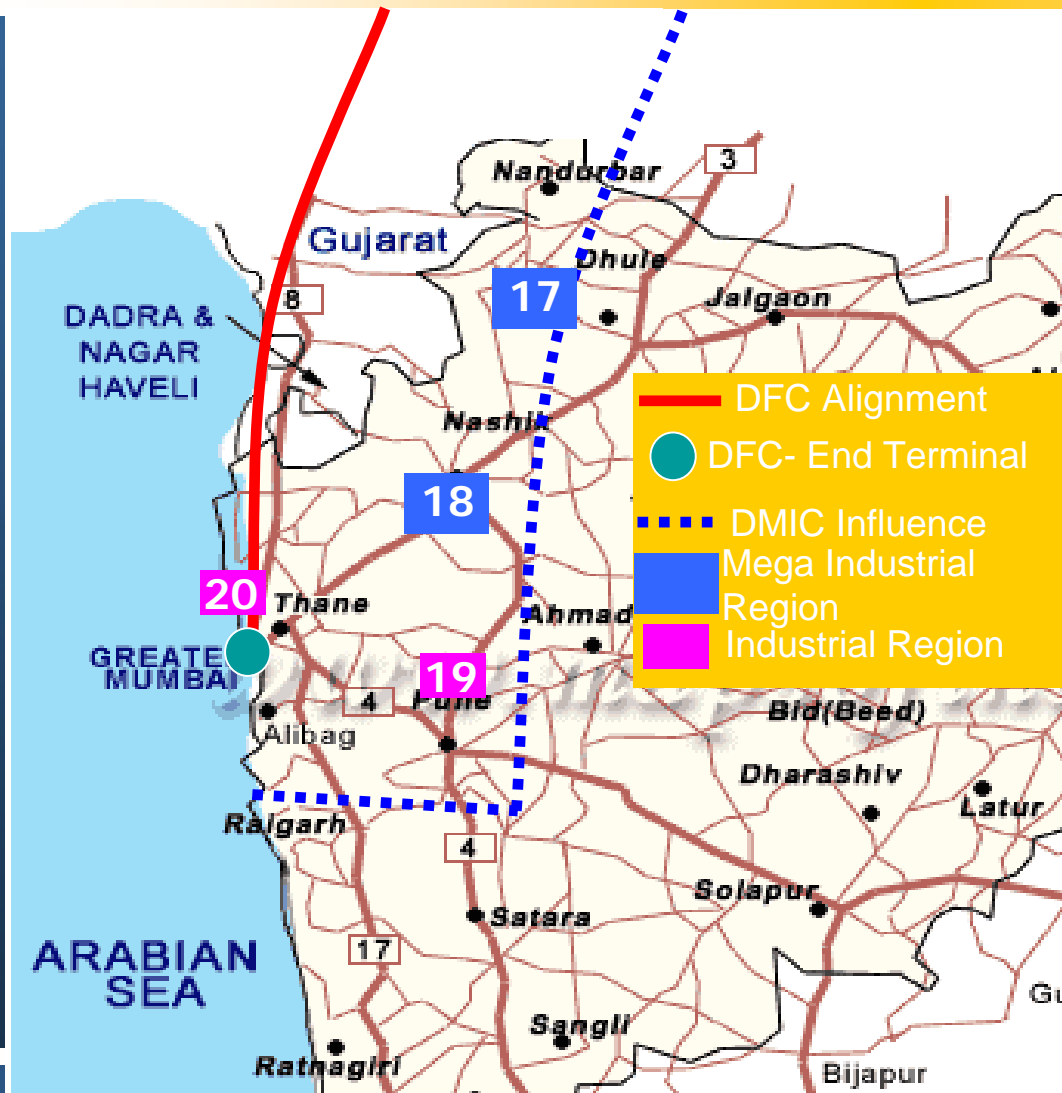
^ Note: Development of Dholera-Surendra Nagar Feeder Road Link will entail with development of Logistics Hub at Surendra Nagar

Note: Unless otherwise specified, Development of Feeder Road and Rail Links in the DMIC project influence area of Gujarat will include linkages between ports, National Highways as well as the proposed investment regions and industrial areas

MAHARASHTRA

DMICDC

# Proposed Industrial Nodes in Maharashtra



- Node-17: Dhule-Nardhana Mega Industrial Region
- Node-18: Igatpuri-Nashik-Sinnar Mega Industrial Region
- Node-19: Pune-Khed Industrial Region
- Node-20: Dighi Port Industrial Region

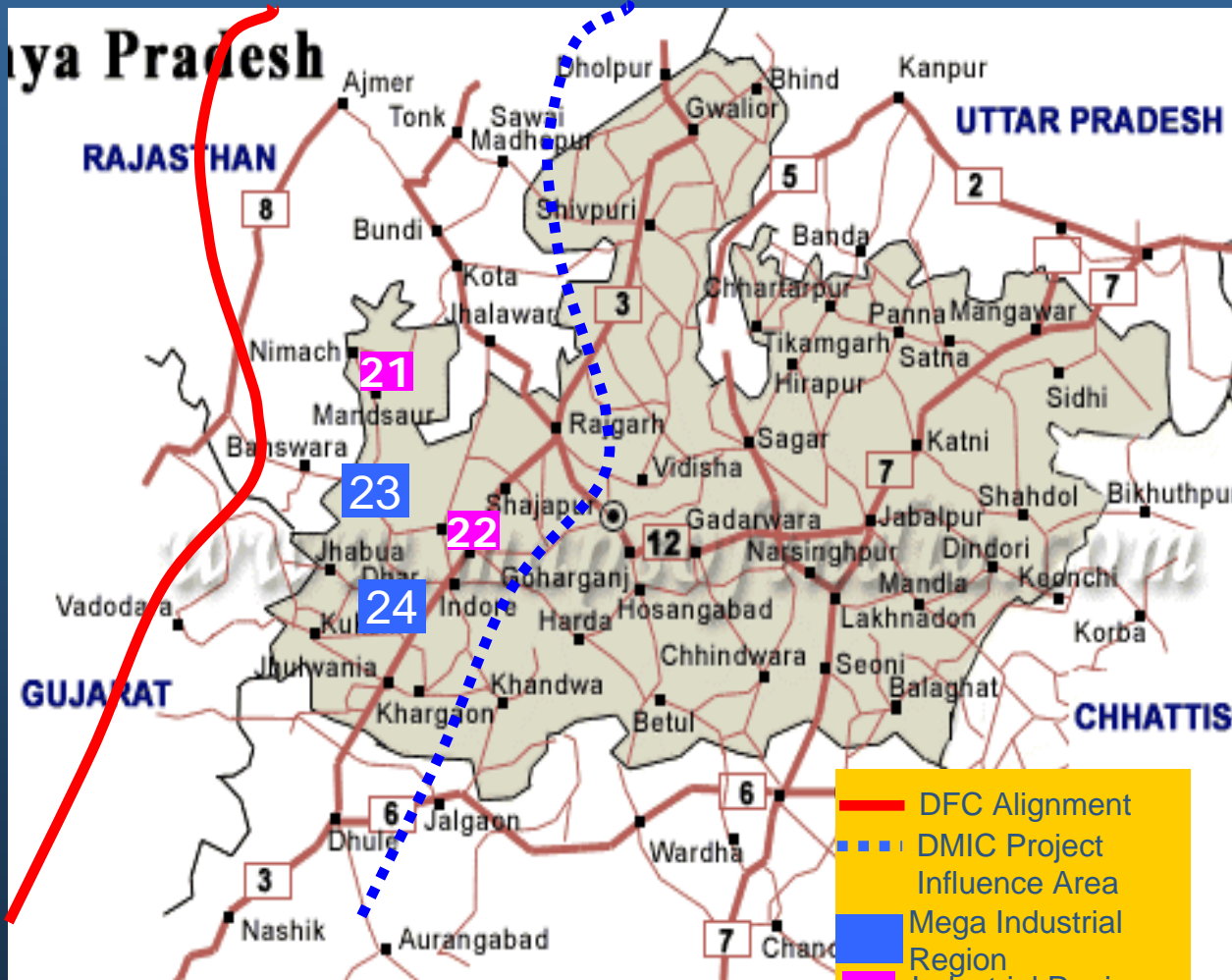
# Summary- Components of Nodes in Maharashtra

Component	Dhule-Nardhana (MIR-Min.200Sqkm)	Igatpuri-Nashik-Sinnar (MIR-Min.200Sqkm)	Pune-Khed (IR Area-Min.100 Sqkm)	Dighi Port (IR-Min. 100sqkm)
Node No	17	18	19	20
New Export-oriented Unit/ SEZs	*	*	*	
Augmenting Exist. Indl. Estates		Nashik, Sinnar	Chakan, Khed	
Agro/ Food Processing Zone		*	*	
Port Development				Dighi Port with Container Terminal (Greenfield)
Knowledge City		*	*	
Integrated Logistics Hub / Port Terminal/ Truck Terminal	*	Integrated Logistics Hub (with ICD)	Integrated Logistics Hub (with ICD)	Integrated Logistics Hub (with CFS)
Airport Development		Nashik Airport	Pune Intl Airport	
Integrated Township	*	*	*	*
Power Plants				3000MW in Raigad District
IT/ITES / Biotech Hub			*	
Feeder Rail	Connectivity to Mumbai- Nashik- Jalgaon Railway	Connectivity to Mumbai- Nashik- Jalgaon Railway	Pune-Karjat- Pannel to DFC Standards	Connectivity to DFC, Port & Hinterland
Feeder Roads	Linking with NHDP & Hinterlands	Linking with NHDP & Hinterlands	Linking with NHDP & Hinterlands	Linking NHDP, Ports & Hinterlands with Site

MADHYA PRADESH

**DMICDC**

# Proposed Industrial Nodes in Madhya Pradesh



- Node-21: Neemuch-Nayagaon Industrial Region
- Node-22: Shajapur-Dewas Industrial Region
- Node-23: Ratlam-Nagda Mega Industrial Region
- Node-24: Pithampur-Dhar-Mhow Mega Industrial Region

# Summary-

## Components of Nodes in Madhya Pradesh

Component	Neemuch-Nayagaon (IR- Min.100Sqkm)	Shajapur-Dewas (IR-Min.100Sqkm)	Ratlam-Nagda (MIR-Min. 200Sqkm)	Pithampur-Dhar-Mhow (MIR-Min.200Sqkm)
Node No	21	22	23	24
New Export-oriented Units/ SEZs	*	*	*	*
Augmenting Exist. Indl. Estates		Dewas Industrial Growth Center	Ratlam/ Nagda	Indore/ Pithampur
Agro/ Food Processing Zone	*			*
Knowledge City		*		*
Integrated Logistics Hub / Port Terminal/ Truck Terminal	Truck Terminal with Warehousing Facility at Neemuch	Integrated Logistics Hub at Dewas	Inland Container Depot at Ratlam with Truck Terminal	Integrated Logistics Hub with ICD at Indore/ Pithampur
Integrated Township	*	*	*	*
IT/ITES / Biotech Hub				*
Feeder Rail	Enhanced Linkage to Ratlam-Chhittaurgarh and Indore	Enhanced Linkage to Indore, Bhopal Ujjain	Augmentation of links to Godhra/Vadodara, Indore, Ajmer	Augmentation of Indore-Godhra-Vadodara to DFC Standards
Feeder Roads	Linking with NHDP & Hinterland	Linking with NHDP & Hinterland; Augmentation of NH-3 (Indore-Dewas/ Shajapur) to Expressway	Linking with NHDP, & Hinterland	Linking with NHDP, & Hinterland
Airport Development	Augmentation of Indore Airport to International Airport, Air Strips at Mandsaur, Ujjain/Nagda			