



# Dholera SIR

A New Gujarat Within Gujarat

First  
Planned  
Smart City  
of India

*ibrant*  
**GUJARAT 2015**  
11 - 13 Jan.  
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# GIDB

Gujarat Infrastructure Development Board

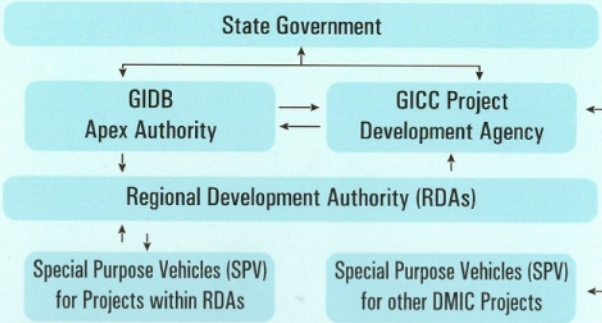
## GIDB as Apex Authority

Gujarat Infrastructure Development Board (GIDB) designated as Apex Authority under The Gujarat SIR Act, 2009 is headed by Hon. Chief Minister.

### Powers and functions of Apex Authority

- To approve Land Use Plan, Town Planning Schemes and Development Plan of the SIR proposed by the Regional Development Authorities (RDAs).
- To make regulations for Development, Operation, Regulation and Management of SIRs within the State and development of infrastructure within the SIRs.
- To monitor the development of Special Investment Regions and issue necessary instructions to the Agencies involved.
- To ascertain and fix the rates and approve the user charges, proposed by Regional Development Authorities.

## Administrative Mechanism



## The Special Investment Region (SIR) Act – 2009

The State Government has enacted the legal framework to provide establishment, operation, regulation and management of large size Investment Regions and Industrial Areas in the State of Gujarat and to specially enable their development as Global Hubs of Economic Activity supported by World Class Infrastructure, Premium Civic Amenities, Centre of Excellence and Pro-active Policy Framework.

### The SIR Act, inter alia, provides for following matters:

- It enables the State Government to establish, develop, operate and regulate the Special Investment Regions (SIR)
- The Government is empowered to declare Investment Region or Industrial Area and designate them as Special Investment Region (SIR)
- An Investment Region will have an area of more than 100 sq. Kms and an Industrial Area will have an area of more than 50 sq. Kms
- A four tier administrative mechanism is set up for establishment, operation, regulation and management of the SIRs
- The administrative mechanism comprises of an Apex Authority (GIDB), a Regional Development Authority (RDA) for each SIR, a Project Development Agency and project specific SPVs
- The Apex Authority will be the highest policy making body
- The RDA will look after the ground level issues of development & regulation
- The RDA will make its own regulations for building, construction and development
- The Apex Authority will be the single window clearance system and the first contact for the setting up any economic activity or amenity in the SIR
- It empowers the State Government for setting up of a Project Development Agency
- Government has already formed a Project Development Agency in the name of "Gujarat Industrial Corridor Corporation Ltd." (GICC)
- It provides for effective internal dispute settlement mechanism: a three tier system
- It provides an effective framework for private sector participation in infrastructure through The Gujarat Infrastructure Development Act (GID) Act – 1999



# Dedicated Freight Corridor (DFC)

Dedicated Freight Corridor Corporation of India Limited (DFCCIL) is a Special Purpose Vehicle set up under the administrative control of Ministry of Railways to undertake planning & development, mobilization of financial resources and construction, maintenance and operation of the Dedicated Freight Corridors. DFCCIL was incorporated in October 2006 under Indian Companies Act 1956.

## DFC Western corridor at a glance

- Delhi to Mumbai - 1499 km
- Influence area 150 km on both sides of the corridor
- Covering 6 states with 24 proposed nodes
- Length in Gujarat - 553 km (37%) with 6 nodes including Ahmedabad - Dholera node

## Current status of DFC Western corridor

- Under construction, approved in Rail Budget 2014-15

## Project Schedule of DFC Western corridor

- Phase I (Rewari - Vadodara) 920kms - 2011 - 2017
- Phase II (Vadodara - JNPT) 430kms - 2012 - 2018
- Phase III (Rewari - Dadri) 140kms - 2013 - 2018



# Delhi Mumbai Industrial Corridor (DMIC)

The vision for DMIC is 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 as a Model Industrial Corridor of international standards with emphasis on expanding the manufacturing and services base and develop DMIC as the 'Global Manufacturing and Trading Hub'.

## DMIC Project Goals:

- Double the employment potential in five years (14.87% CAGR)
- Triple industrial output in five years (24.57% CAGR)
- Quadruple exports from the region in five years (31.95% CAGR)

- Major cities on DMIC: Ahmedabad, Vadodara, Surat
- 1/3rd of total investment will be in Gujarat
- Estimated employment: 8 lacs
- Gujarat's ports to cater to foreign & hinterland markets
- World class connectivity between the Ports, nodes & DFC
- Six logistics parks being developed along the DFC

## DMIC in Gujarat: Dholera SIR to be the most prime location

- 62% of the total area of Gujarat covered
- 23 out of 33 Districts within the influence area

# Dholera Special Investment Region ( Dholera SIR )

## Development Plan



- Dholera SIR is the first node taken up for development by Government of Gujarat.
- This Smart City is planned for residential population of 2 million by 2042.
- The economic activity is expected to generate employment of 8,27,000 jobs including in-direct employment.

## Opportunities in Dholera SIR

- To build its infrastructure: road, rail, hospital, water, sanitation, tourism and hospitality
- To build industrial parks, townships, knowledge cities
- To set up Metro Rail System, LRT & International Airport
- To develop Multi-modal Logistics Hub
- To build world class transport linkages with foreign markets
- To set up Residential, Industrial, Institutional, Commercial and Recreational facilities

## Potential Development Sectors in Dholera SIR

- Electronics, High-tech Emerging Technologies
- Pharmaceuticals and Biotechnology
- Heavy Engineering
- Defense Equipment Manufacturing & MRO
- Automobile and Auto Ancillary Industries
- General Manufacturing
- Agro and Food Processing
- Metals and Metallurgical Products
- Tourism
- IT & ITES
- Education

## Key Milestones in Dholera SIR

- Environmental clearance from MoEF (Ministry of Environment & Forests) received
- Social Welfare Society established
- Proactive measures for Disaster Management planned
- Development Control Regulation for DSIR is in place
- ICT Network planned
- Preliminary Engineering Design rolled out for TP2 area (102 sq kms)
- Administrative and Business Centre - Dholera (ABCD) planned
- Inclined with National Manufacturing Investment Zone (NMIZ) Policy
- Program Management for Dholera SIR by AECOM Consultant
- ICT Master Plan by CISCO
- Roads and Utilities designed by TCE-ATKINS, LBG-EGIS Consultants Consortium

## Information and Communication Technology (ICT)

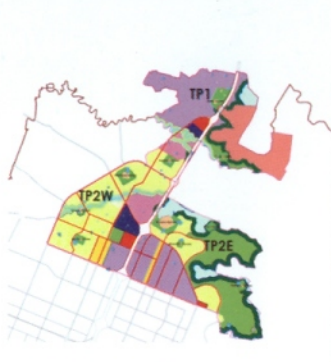
- ICT increases productivity by establishing a world class ICT environment serving people, communities and businesses across the globe
- Development of ICT infrastructure and services on a green field site creates vibrancy and attraction among communities to visit, live and work
- ICT infrastructure will provide access to high speed network allowing seamless Voice, Video and Data integration and use of advanced end user applications

## Development Strategy

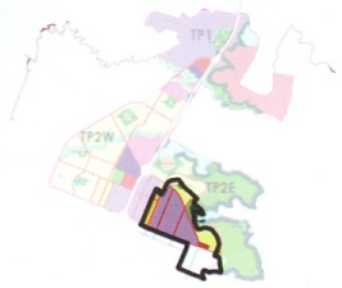
### Activation Area Development



DSIR (TP1 to TP6)  
422 sq.km



Phase 1 (TP1 & TP2)  
153 sq.km





Activation Area  
22.54 sq.km

## Activation Area Implementation

- Activation Area - 22.54 Sq.Km
- Roads - 70 Km
- Water Harvesting Canal - 3.5 Km
- Pipelines - 400 Km
- STP - 20 MLD
- CETP - 35 MLD
- River Bunding - 15 Km
- Power Transmission Lines - 38 Km
- ICT Network - 1000 Km

### Trunk Infrastructure in Activation Area Includes:

-  Roads and Services
-  Potable Water: Desalination Plant
-  Sewage: CETP and STP (Recycle Plants)
-  Storm Water: Collection and Disposal
-  Flood: Adhya River Training and Bunding
-  Solid Waste: Transfer, Treatment & Disposal
-  Power: Power Transmission, Sub-stations & Distributions
-  ICT: Passive Network (Ducts + IOC/ City Surveillance/ Data Center / e-Gov /Intelligent Traffic Management System / City Sensor Network etc

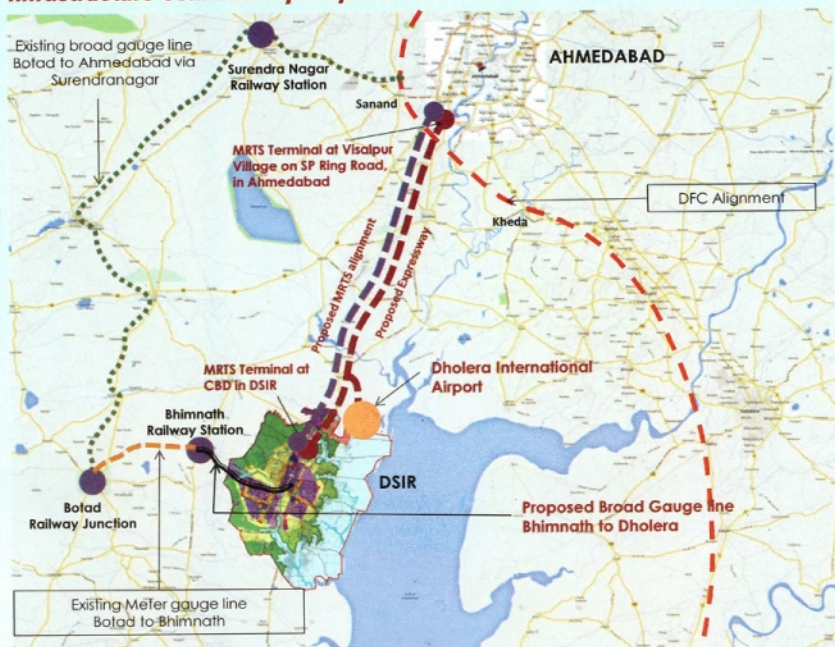
### ACTIVATION AREA - Estimated cost

Sr.no.	Project Name	INR Crores
1	Urban Infrastructure (Roads & Services)	1995
2	ABCD Building	55
3	Flood Management	102
4	Potable Water	499
5	Waste Water	198
6	Solid Waste Management	3
7	Power	1107
8	Information and Communication Technology	465
<b>Total Cost Estimate For Activation Stage</b>		<b>4424</b>



## Early Bird Projects

### Infrastructure Connectivity Projects



### Dholera International Airport

- Dholera International Airport has been planned to cater Cargo cum Passenger Traffic
- Status: Dholera International Airport Company Limited (DIACL), the Project implementing SPV has been formed, Site Suitability received from AAI, NOC received from Min. of Defense, Detailed Project Report (DPR) completed and EIA studies underway
- Investment opportunity for Defense Sector Manufacturing and MRO related activities

### Expressway between Ahmedabad and Dholera

- New Expressway connecting Ahmedabad to Dholera Smart City has been planned
- Detailed Project Report (DPR) completed

### MRTS connecting Ahmedabad and Dholera

- High Speed Passenger Rail connecting Ahmedabad to Dholera Smart City has been planned
- Detailed Project Report (DPR) is under progress

**Opportunity for Development through Public Private Partnership (PPP) Mode**



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