सत्यमेव जयते

Government of Gujarat

Gujarat and Japan

A winning Partnership

July 2017

Gujarat: A Vibrant Economy

6% of India's Geographical Area: 1,96,000 sq. km.

5% of India's population: 60.4 million

7.6% of India's GDP
INR 8,64,314 Crore at Constant Prices (2011-12)

10% of India's factories

Over 18% of India's industrial output

More than 20% of India's exports

30% of India's stock market capitalization

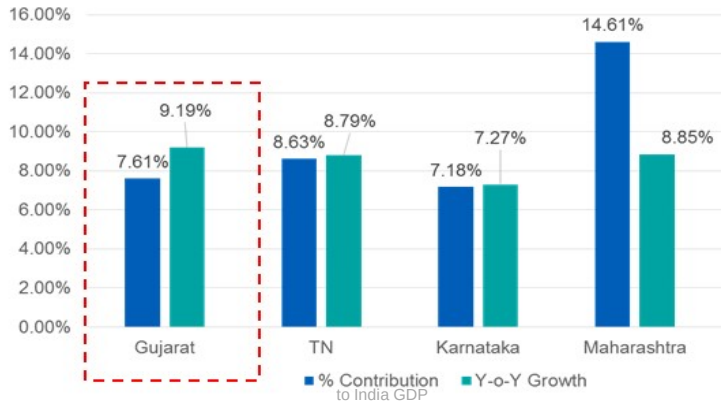
41% of India's Port Cargo handled by Gujarat ports

Source: Gujarat State Socio – Economic Review 2016-17

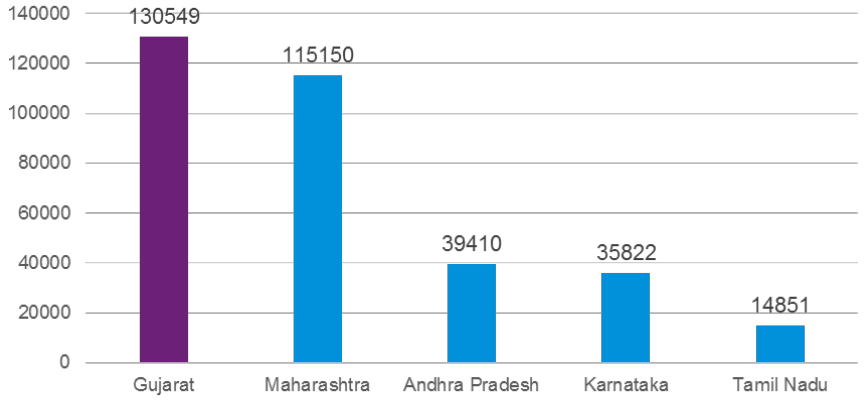
Gujarat's economic and industrial growth

Strong Economic Performance

Gujarat registered the highest economic growth among peers (2015-16)…

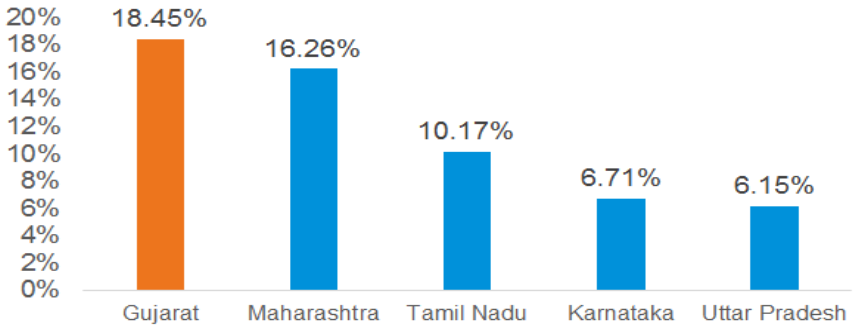


…And ranks first among the states in terms of investments implemented (year 2008 to 2016) (in Rs. Crore)

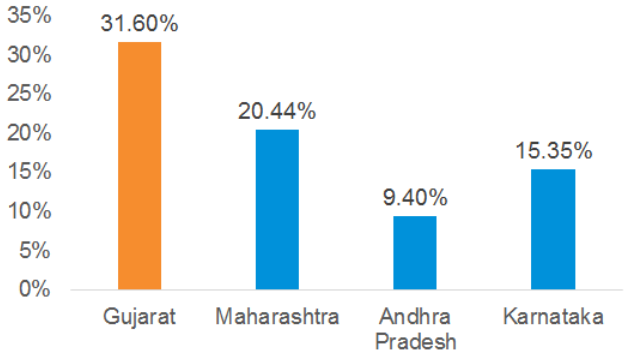


Manufacturing – Cornerstone of State's Economy

State-wise industrial output contribution to India (ASI 2014-15)



Manufacturing sector contribution to state GDP (2015-16)

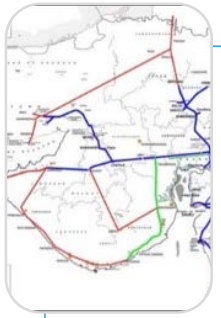


Source: Gujarat – Socio Economic survey 2016-17, Annual Survey of Industries (2014-15), DIPP

Gujarat: Robust Infrastructure

Power Surplus State, with uninterrupted 24 X 7 supply

163,000 km of well surfaced all weather roads



State-wide Water Grid across 120,000 km

2400 km state-wide Integrated Gas Grid, the only state in India

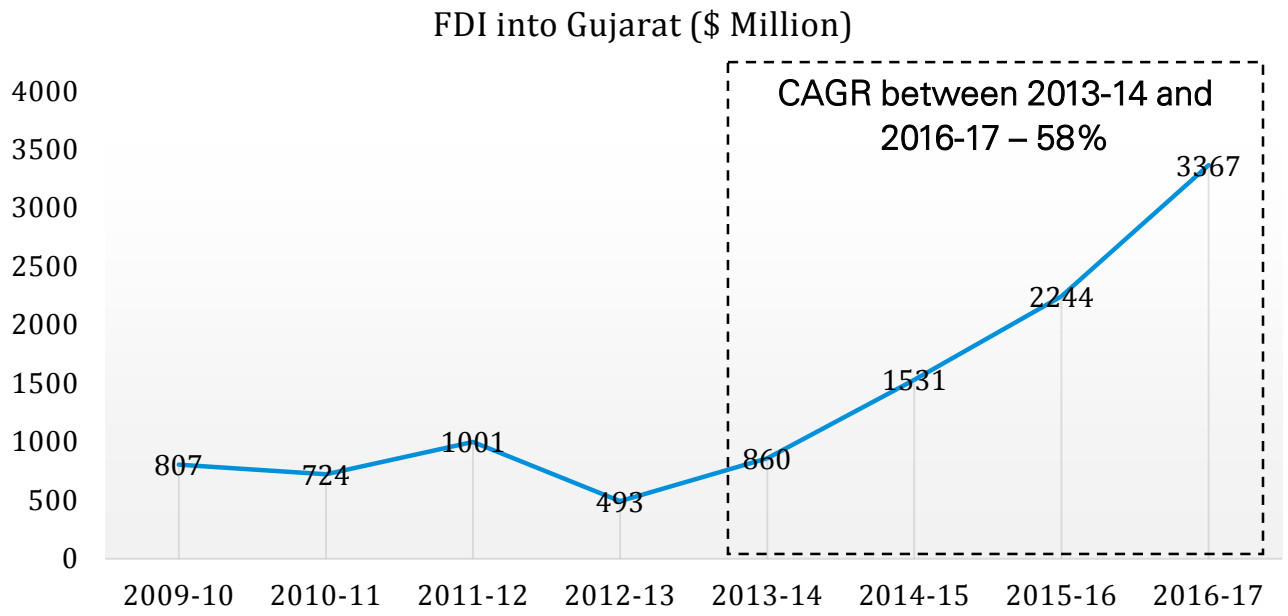
One of the most urbanized state in India, with 43% urban population

2 International & 16 Domestic Airports

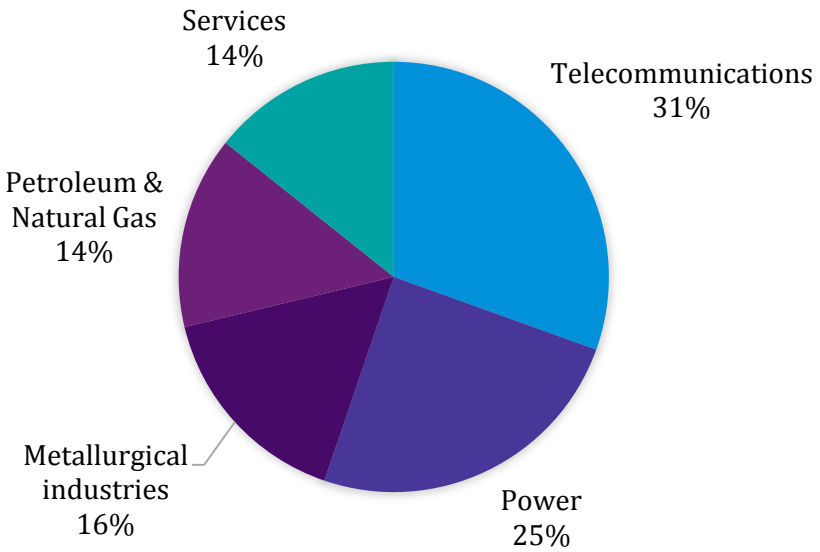
48 Large Ports

Gujarat - one of the most favored FDI destination

FDI to Gujarat registered a 58% CAGR between 2013-14 and 2016-17.
FDI inflow in Gujarat between 2000 to 2010 was USD 6 billion, which accelerated to USD 10.5 billion between 2011-17



FDI mainly in Infrastructure and Manufacturing



- As of 2016-17, Gujarat ranked among the **top 3** states in attracting FDI
- Robust FDI outlook in Auto & Auto Components, Aerospace & Defense, ESDM, IT & ITeS, Chemicals & Petrochemicals and Maritime

Source: Department of Industrial Policy & Promotion – Government of India;

Gujarat is home to over 80 Japanese Companies

- Current Japanese Investment in Gujarat close to $ 1 billion. Shall reach ~$ 3 billion by 2020.
- Government of Gujarat and METI have setup a Policy Dialogue Framework to fast-track implementation of projects by Japanese companies
- Important Projects:
  - Indo-Japanese Industrial Zone at Khoraj
  - Metro-Link for Gandhinagar and Ahmedabad (MEGA)
  - Mumbai-Ahmedabad High Speed Rail Corridor (Bullet Train)
- Potential areas for collaboration:
  - Dholera Special Investment Region (SIR)
  - GIFT City
  - Dholera International Airport

Gujarat: Emerging Automobile Hub

Auto and Auto Ancillary clusters in Gujarat

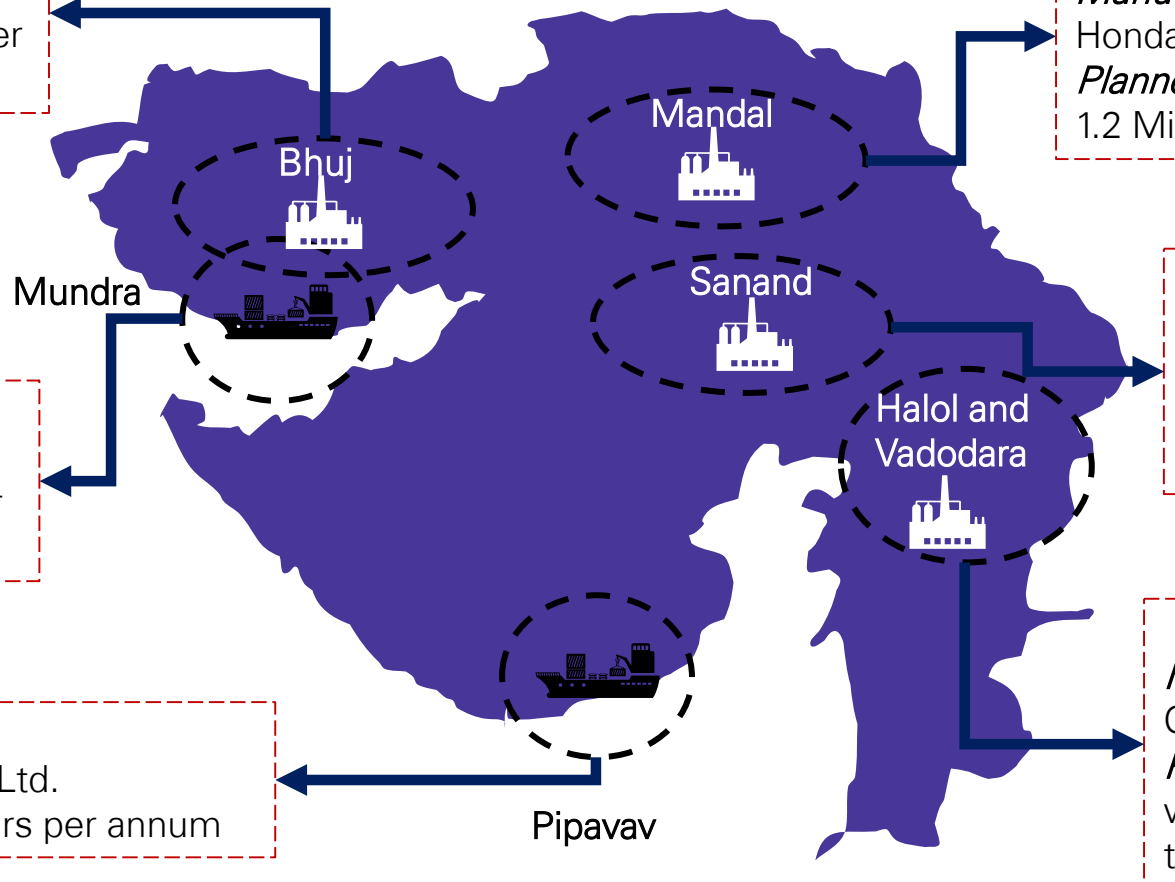
Particular	Symbol
Existing Auto Clusters	●
Emerging auto clusters in Special Investment Regions	○
DMIC influence area	◌

- **Sound base of 30 clusters** comprising of castings, brass parts, electric motors, bearings, auto-ancillaries
- Home to some of the largest global auto manufacturers: **Suzuki, Honda, Ford, Tata**
- Automobile sector accounts for about **13%** of the total FDI received by Gujarat
- **Investment of USD 2 billion realized till 2016, and additional USD 3.2 billion committed by 2020**
- The current capacity of manufacturing is 0.6 million vehicles per annum which is projected to increase to 3 million per annum in the short term

Robust manufacturing ecosystem and export infrastructure

Bhuj
Manufacturing unit: AMW Trucks
Planned Capacity: 50,000 vehicles per annum

Mandal
Manufacturing units: Suzuki Motors, Honda Motorcycle and Scooter India
Planned Capacity: 0.25 Million cars and 1.2 Million two-wheelers per annum



Sanand
Manufacturing units: Tata Motors, Ford Motors, Maxxis Rubber
Planned Capacity: ~0.5 Million cars per annum

Mundra Port
Operator: Adani Port and SEZ Ltd.
Ro-Ro Capacity: >0.1 Million cars per annum

Halol and Vadodara
Manufacturing units: Hero MotoCorp, CEAT Tyres, Apollo Tyres
Planned Capacity: 1.2 Million two-wheelers per annum and >12 Million tyres per annum

Pipavav Port
Operator: Gujarat Pipavav Port Ltd.
Ro-Ro Capacity: 0.25 Million cars per annum

Partners in our progress

Ford

SUZUKI

TATA MOTORS

HONDA

CEAT

AMW
BUILT TO WIN

MAXXIS®
TIRES

Hero

ATUL GROUP
ATUL
AUTO LTD.

apollo

MRF

TOYOTA TSUSHO

Gujarat: Well-established Pharmaceutical Hub

Gujarat accounts for:

- 53% of the total medical devices manufactured in India
- 40% of pharmaceutical production
- 40% of India's pharma machinery manufactured in Gujarat
- 40% of CROs & CRAMS companies
- 33% of India's pharma sector turnover (~USD 6.7 billion in 2015-16)
- 28% of India's pharma exports (~USD 3.06 billion in 2015-16)

Gujarat is the largest manufacturer of I.V. sets and orthopedic implants

78% of Cardiac Stents & 50% of Intraocular Lenses manufactured in Gujarat

Over 3300 manufacturing units located across the state in four large clusters in Ahmedabad, Vadodara, Bharuch and Vapi and 5 Special Economic Zones

Note : CRAMS : Contract Research and Manufacturing Services; CRO: Contract Research Organizations; I.V.: Intra Venous

Gujarat: Well established Textile value chain

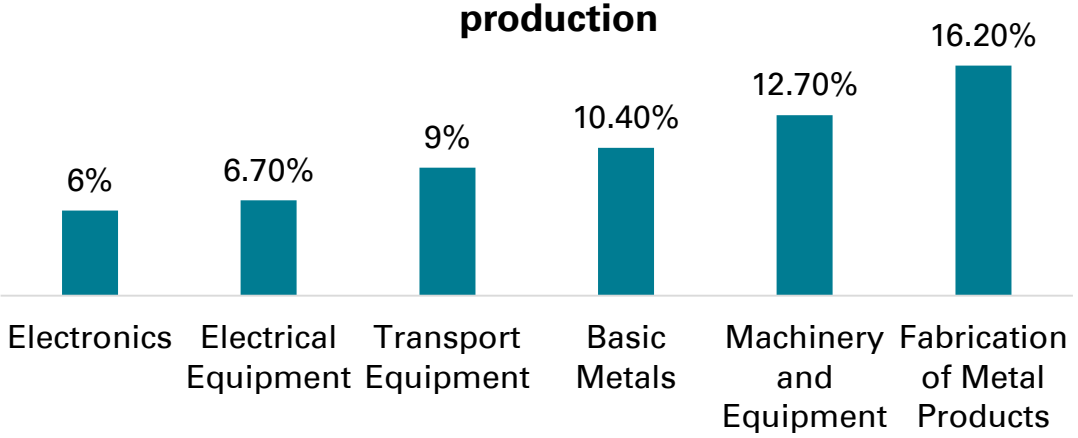
Robust Infrastructure: 18 Product Clusters, 4 SEZs, 7 Integrated Textile Parks and 2 Research & Testing Facilities

Farm	Largest producer of raw cotton
Fiber	• Over 1200 cotton ginning units • Largest producer of man made fiber in the country
Fabric	Largest producer of manmade & filament fabric in India
Fashion (Garment)	• Largest producer of denim in India (65%) and 3rd largest in the world • 25% of India's technical textile output
Foreign (export)	12% of textile exports of the country

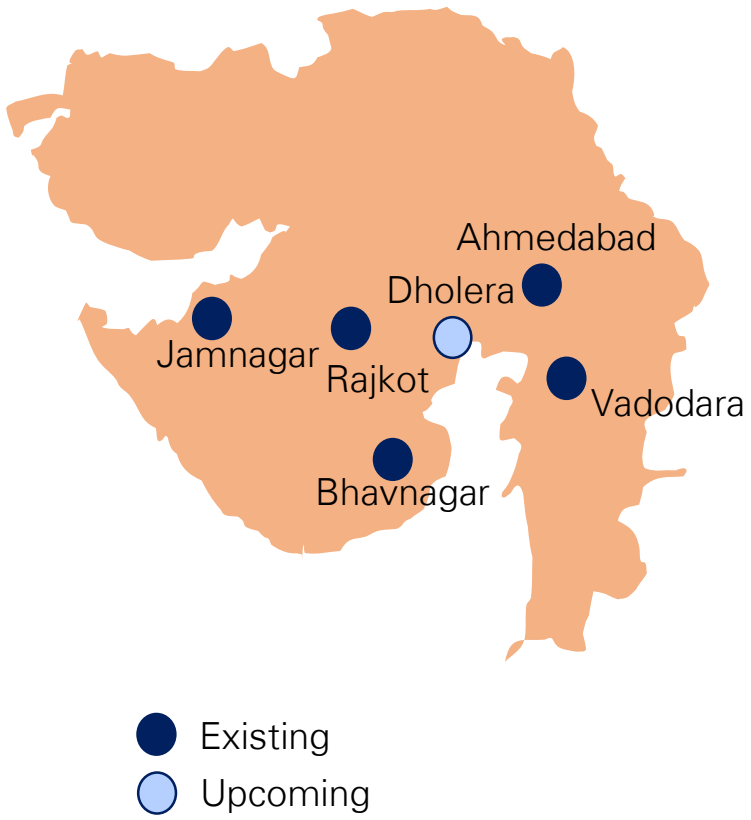
Gujarat: Engineering Scenario

- Gujarat's Engineering sector contributes 9% to the national output & 18% to state's total industrial production
- Comprises more than 600 units in large sector & over 120,000 MSMEs
- 30 clusters across the state manufacture engines, machine tools, industrial & electrical motors, bearings, etc

Share of Gujarat in national engineering goods production

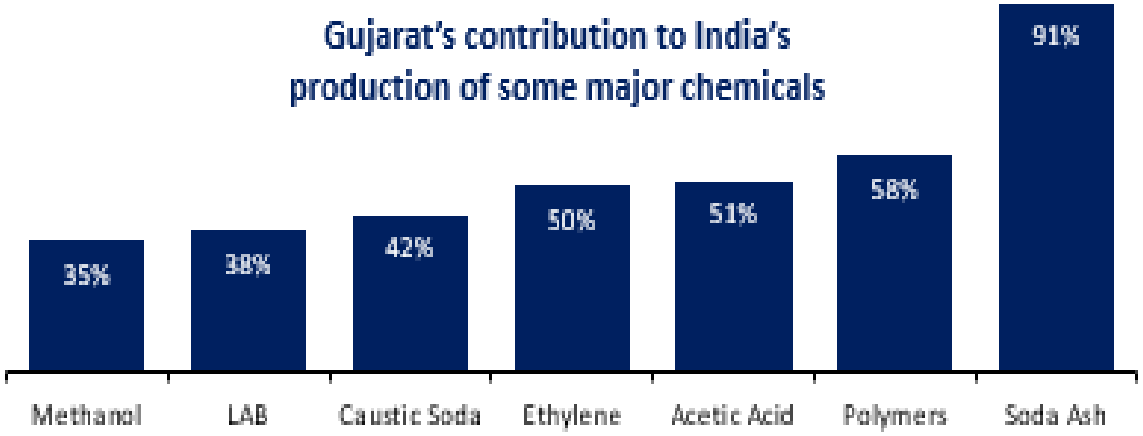


Major engineering product clusters in Gujarat



Gujarat: A Chemical & Petrochemical Hub

Gujarat accounts for 62% of India's petrochemical production, 30% of total chemicals production and 18% of India's chemical exports

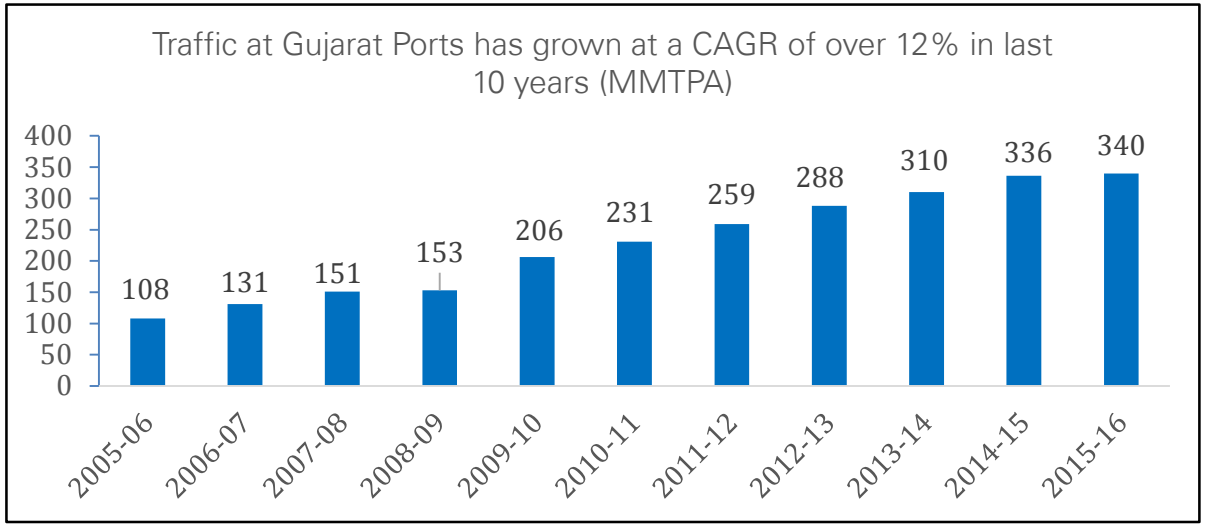


- Gujarat accounts for **30% of total chemicals production, and18% of India's chemical exports**
- Home to the **world's largest crude oil refinery** operated by Reliance Industries Limited
- Over 16,000 chemical units manufacturing more than 6500 different chemicals
- Presence across the entire chemical value chain which enables cost competitive production, suitable for exports

Note : LAB : Linear Alkyl Benzene

Gujarat: Propelling India's Maritime dreams

Gujarat port's are expected to handle over 550 million MT of cargo and develop a capacity of 850 million MT by 2020



- Mundra Port is the largest private port in India, with a capacity to handle over 180 MMT of cargo a year
- Only state in the country with 2 LNG Terminals (Dahej & Hazira)
- 60% share of Indian shipbuilding order book
- Investment opportunities worth USD 20 billion in Port sector like: setting up of Maritime Cluster(s), development of Port Cities and Maritime University in Gujarat

Gujarat: Enabling ecosystem for Agro and Food processing

- **8 Agro-climatic zones** with **40+ major crops**
- Leading producer of Banana, Mango, Sapota (Chikoo), Onion, Potato and Seed Spices
- Over **30,000 operational food processing** units
- **4th largest producer of milk**, offering ample downstream processing opportunities
- Amongst **the top 5 states in India's total cold chain** storage capacity
- Designated **Agriculture Export Zones** for mangoes & vegetables, value-added onions and sesame seeds
- Stands 1st in Marine fish production with 20 fish landing centers & 5 operational fishing harbors

adani wilmar
McCain
Ramdev
Rasna
Riddhi Siddhi
ROQUETTE
Amul
ConAgra Foods
Food you love

Gujarat: A policy driven state with 16 policies announced in last 5 years

Aerospace and Defense Policy 2016

Biotechnology Policy 2016

Health Policy 2016

Electronics Policy 2016

IT Policy 2016

Sports Policy 2016

Industrial Policy 2015/2016

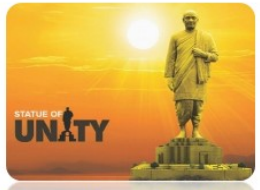
Agri-Business Policy 2016

General Incentives Scheme 2016

Wind Power Policy 2016

Rural & Cottage Industries Policy 2016

Startup Scheme 2015



Tourism Policy 2015

Solar Power Policy 2015

Manufacturing Policy 2013

Textile Policy 2012/2013

Setting up Business in Gujarat

Step 1: Company Registration

1. Udyog Aadhaar / IEM
2. Company Registration / Partnership firm
3. Apply for PAN

Step 2: Land Related approvals

1. Land Allotment – GIDC
2. Property Registration (in Case of Non GIDC)
3. Change of Land Use
4. Tree cutting and Tree Transit permission

Step 3: Pre Establishment Approvals

1. Consent to Establish under Air & Water Act by GPCB
2. Building Plan approval by ULB / GIDC
3. Approval of electrical plan by Chief Electrical Inspector (for HT connections)
4. Approval of Factory Plan by Directorate of Industrial Safety and Health (DISH)
5. Registration under Building and Other Construction workers Act
6. Electricity Application
7. Water Connection Application

Step 4: Pre-operation Approvals

1. Boiler registration, Boiler License
2. Boiler Erector Certificate
3. Boiler Manufacturer Certificate
4. Consent to Operate under Air & Water Act by GPCB
5. Building Use permission by ULB / GIDC
6. Certification of Electrical Installation by Chief Electrical Inspector
7. Factory License by Directorate of Industrial Safety and Health (DISH)
8. License for contractors under provision of The Contracts Labour Act
9. Registration of principal employer's establishment under provision of The Contracts Labour Act

Step 1 takes < 1 Week

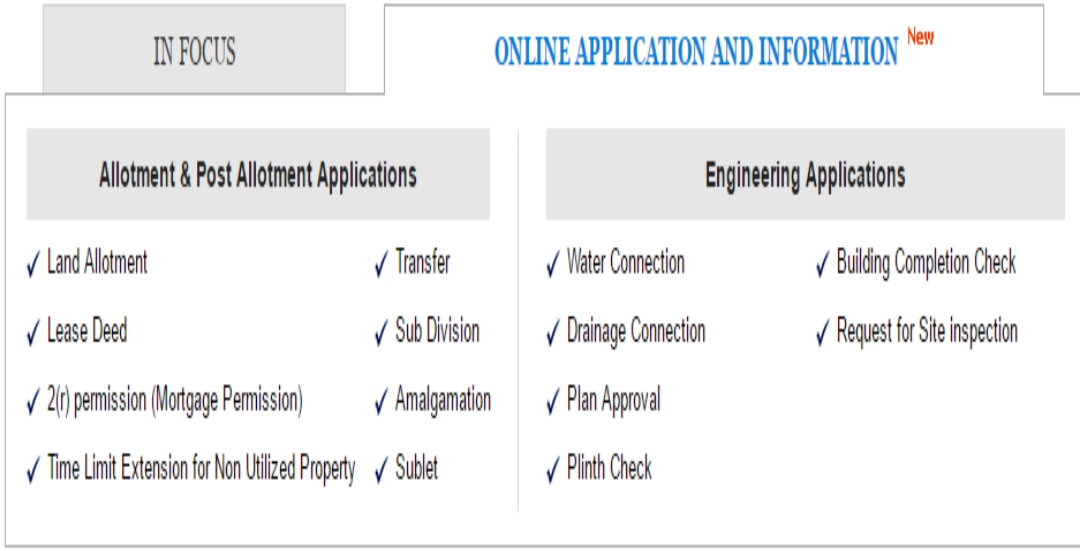
~ 45 – 60 days each for Step 2, 3 & 4

All applications can be made online at Single Window Portal *www.ifpgujarat.gov.in*

Gujarat offers the right facilitation with all major clearances / approvals provided online

- 202 estates and 3 Special Investment Region (each with an area of over 100 sq. km) managed and operated by Gujarat Industrial Development Corporation (GIDC)
- Application and approval for Land allotment/lease deed/transfer, utilities connection, plan approval available online
- Total 52 investment related applications are integrated with Investor Facilitation Portal (IFP) (www.ifp.gov.in) including 11 Departments
- State to announce a comprehensive Single Window Act soon, which will further facilitate ease of doing business in Gujarat

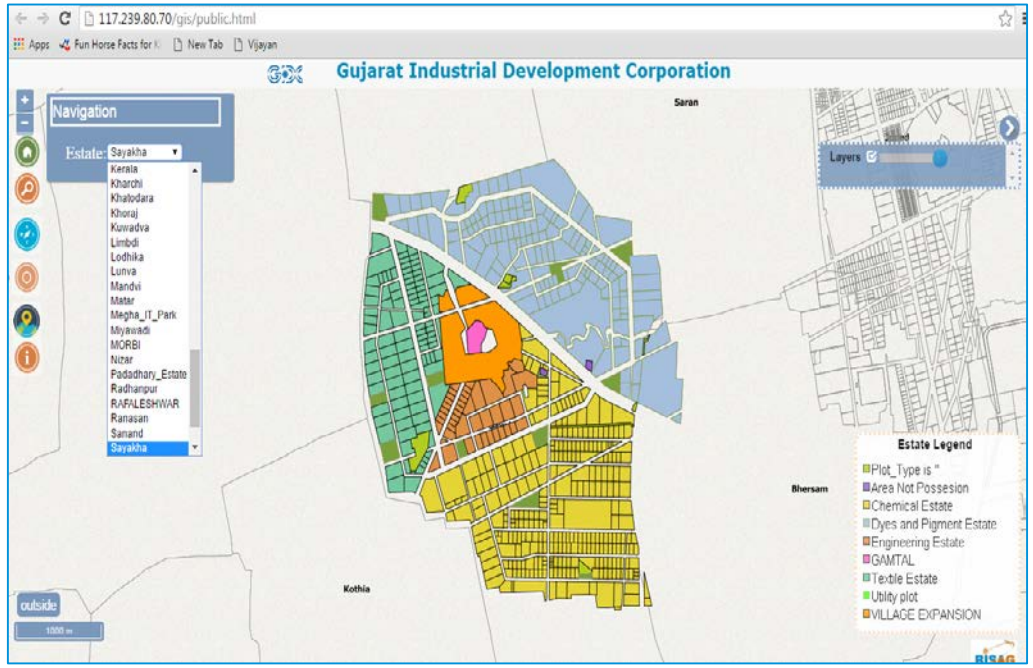
Online approval information on www.gidc.gov.in



Availability of land across the state

GIDC Land Bank

- Land bank information is available on IFP website
- Online Screening Committee constituted for speedy approval of land allotment
- Land allotment is provided within the time limit of 30 days



Other Land bank information

- Development Plan & Town Planning maps – ULBs
- Special Investment Region (SIR)
- Special Economic Zone (SEZ)
- Private Industrial Park – Land bank availability, Link infrastructure, CETPs and Contact details of Developer

Pioneering Labour & Pollution Control Reforms initiated by Gujarat Government

Labour

- Online Registration of Establishments, Issue of Licenses and Permissions; and Services to Industry and Workers
- Self Certification Scheme for Industry
- Inspection Reports Online Within 24 Hours
- Audit and Assessment Scheme for Good Labour Standards
- Registration and Inspection Reports Open to General Public

Gujarat Pollution Control Board

- GPCB provides 24 X 7 anywhere e-access to businesses through an unique ID for:
  - Making and tracking online applications
  - Filing returns and statements prescribed under the acts/ rules
  - Facilitate reuse / recycle of waste
  - Issue of Licenses and Permissions
  - NOC/CCA Application
  - Query redressal
  - Printing of bills/receipts/assessment
  - Filing of water cess returns

- Gujarat has Lowest Rate of Strikes, Lockouts and Industrial Disputes
- Industrial units can track status of online application through e-mail, SMS alerts and mobile app

Single Point of Contact at GIDC for Japanese Investors

Mr. B.C. Warli, Chief Engineer – Gujarat Industrial Development Corporation would be the single point of contact in GIDC for Japanese investors. Facilitation provided:

- Construction Plan approval
- Provision of utilities – water and electricity
- Natural Gas connection (if applicable)
- Internal Roads / Street Lights

Contact details of Mr. B.C. Warli:

Email: ce@gidcgujarat.org

Contact number: +91 79 2325 0590, +91 9879 110 101

Additional email id: vcmd@gidcgujarat.org

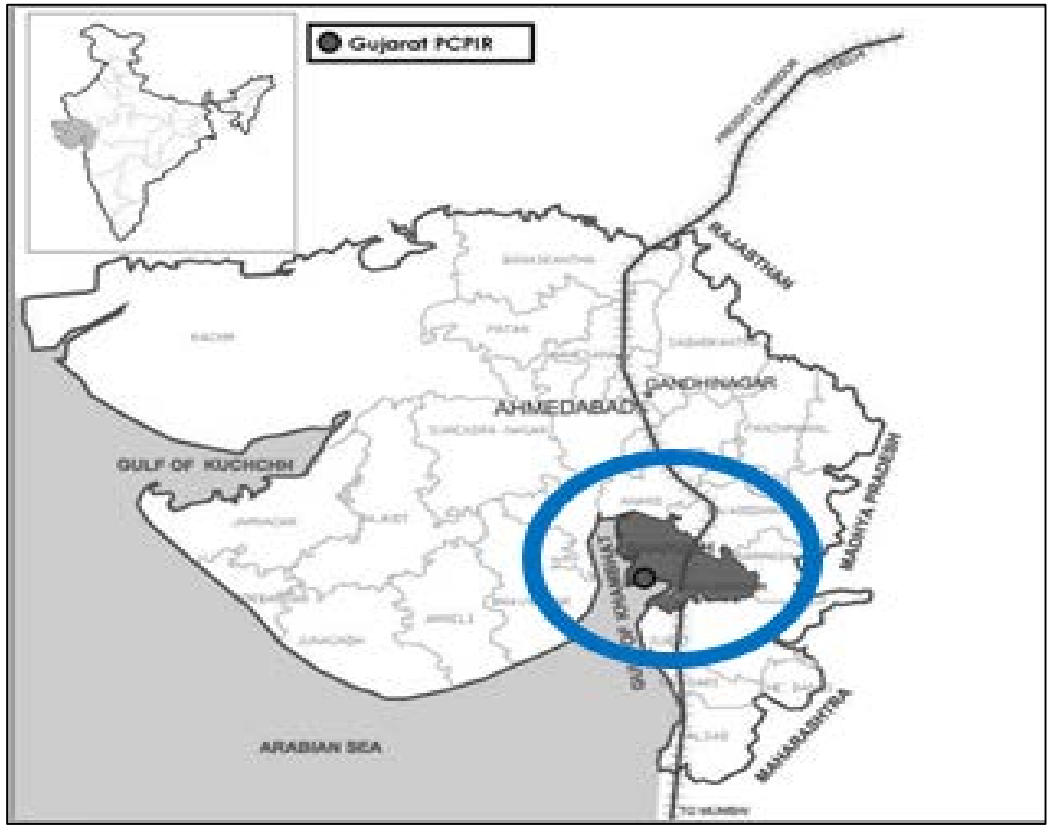
Contact number: +91 79 2325 0583, +91 79 2325 0584

Landmark Infrastructure Projects of Gujarat

India's only operational Petroleum, Chemical & Petrochemical Investment Region (PCPIR)

A specifically delineated investment region of 453 sq. km. planned for the establishment of manufacturing facilities for domestic and export led production of petroleum, chemicals and petrochemicals

- Strategically located with excellent access to entire North West Indian hinterland
- World class SEZ; 1.1 MMTPA multi-feed cracker
- Concentration of Petroleum, Chemical and Petrochemical estates
- Availability of natural resources and feedstock
- Chemical port terminal and chemical storage facility at Dahej
- LNG Terminal at Hazira and Dahej
- Liquid Fuel Jetty and Solid Cargo Jetty
- PCPIR specific infrastructure - effluent disposal pipelines, solid waste disposal sites
- One of Asia's largest Petrochemicals Complex by ONGC operational at Dahej PCPIR



Major Units in PCPIR

Commissioned Unit

Under Implementation

Delhi Mumbai Industrial Corridor

High Impact industrial area within 150 km on each side of the Freight Corridor

Influence Area of DMIC in Gujarat

- GoI is developing DMIC as a global manufacturing and investment destination utilizing the 1,483 km-long, high-capacity western Dedicated Railway Freight Corridor (DFC) as the backbone.
- 38% of the 1500 km DFC is through Gujarat (565 km) with 6 nodes including Ahmedabad - Dholera node
- Large scale infrastructure projects expected at an approximate investment of USD 90 billion
- Around 60% of the total investments likely to be in Gujarat

Dholera Special Investment Region - Futuristic Development

Dholera SIR to be the biggest beneficiary of DMIC and DFC

DSIR Advantages:

- Large and contiguous land parcels for industrial development
- Total Notified Area: 920 sq.km.
- Long term growth potential
- Fully serviced plots – Plug & Play
- Smart & Sustainable Social infrastructure

Investment Opportunities:

- Infrastructure Development
- Heavy Engineering
- Automobiles & Auto Ancillary
- Defence
- Electronics, Hi-tech Technologies
- Agro & Food Processing

Declared as National Investment Manufacturing Zone (NIMZ)

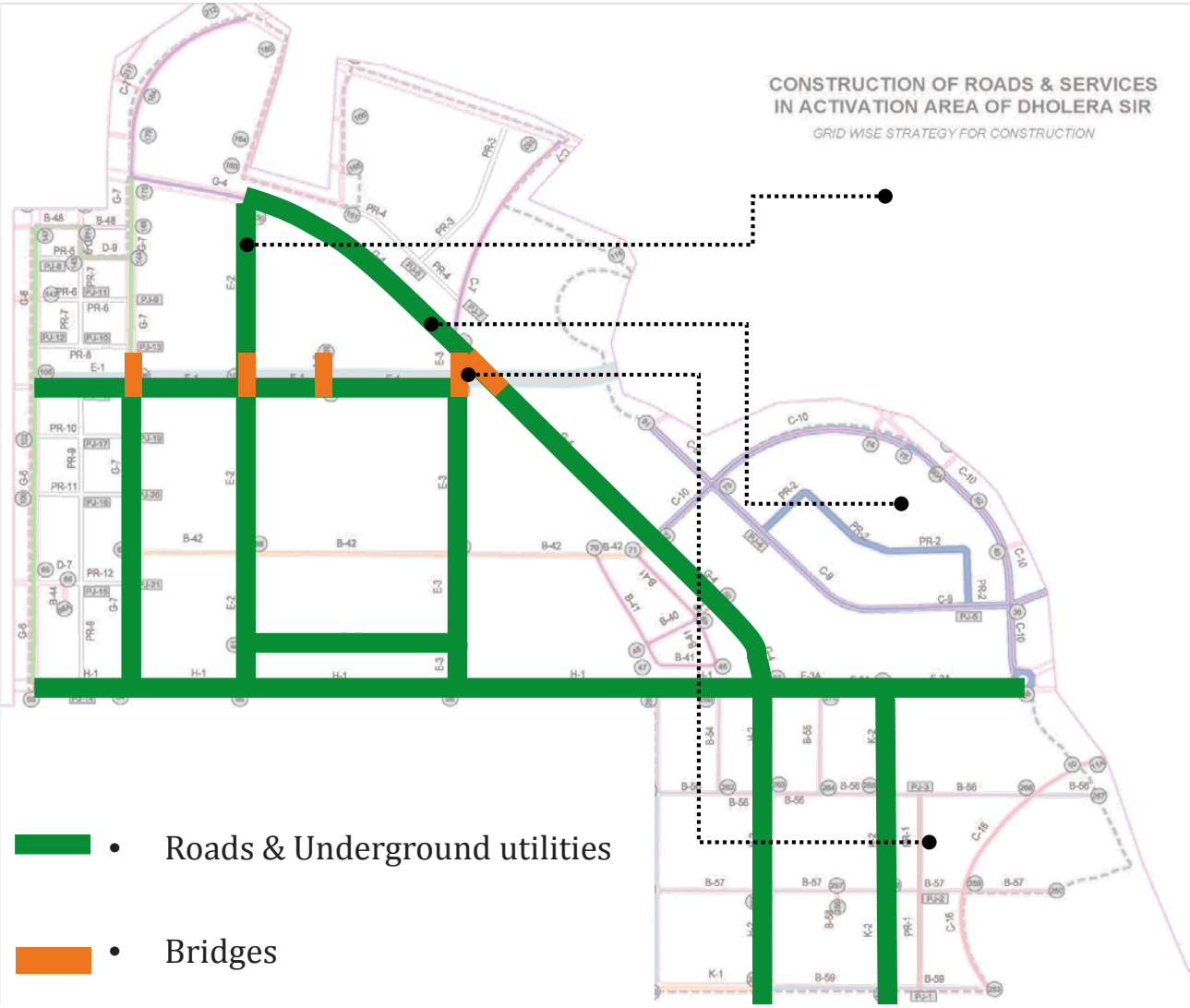
Dholera Industrial City

- Large land parcels are available and in possession
- Well connected by Road and Rail with airports & seaports
- Dholera international Airport under planning
- 24X7 power & water for industries and domestic use
- 100% recycling and reuse of waste water
- City Integrated Operations Centre (CIOC) for efficient and safe operations

Target Industries for Dholera

- ✓ Aviation & Defence
- ✓ Heavy Engineering
- ✓ Auto & Auto ancillaries
- ✓ General Manufacturing
- ✓ Electrical and Electronics
- ✓ Agro & Food processing

Roads & Underground utilities



Construction of Storm water drain

Laying of effluent pipelines and manholes

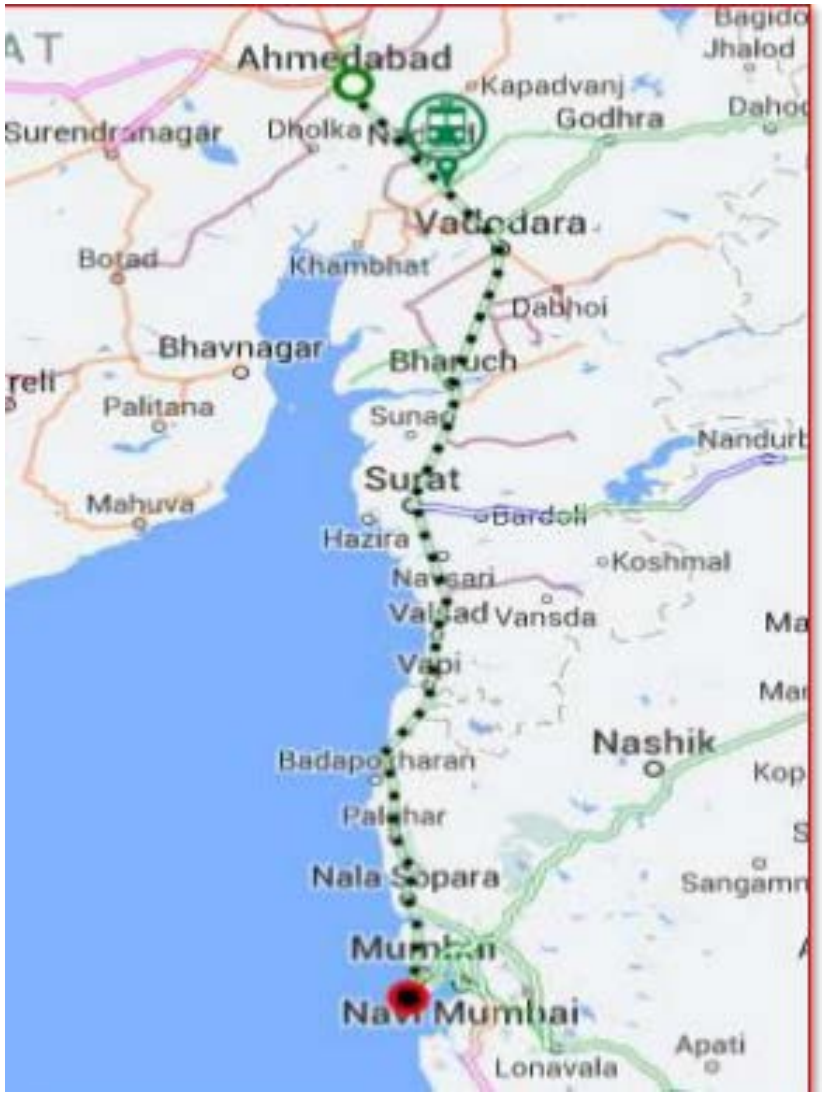
Construction of Bridges (4 out of 6 completed)

Administrative and Business Centre for Dholera (ABCD)

Construction Completes

Sep 2018

Mumbai-Ahmedabad High Speed Rail Corridor (Bullet Train)



- An MOU has been signed between JICA and Ministry of Railways on 07.10.2013 for conducting a joint feasibility study for Mumbai - Ahmedabad high speed rail system
- JICA has submitted its Final Report of Feasibility Study of this corridor to Ministry of Railways in July 2015
- Alignment and designs on 508 km corridor have been finalized
- Social impact assessment underway, which will be completed by September 2017
- Two-thirds of the land required for the project falls within Gujarat
- India's first high speed rail training centre to open at Gandhinagar, which will be operational by 2020

Gujarat International Finance Tec-CITY - Global Financial Hub

Multi-Services SEZ with India's 1st International Financial Services Centre (IFSC)

Recently crossed USD 1 billion worth business transactions

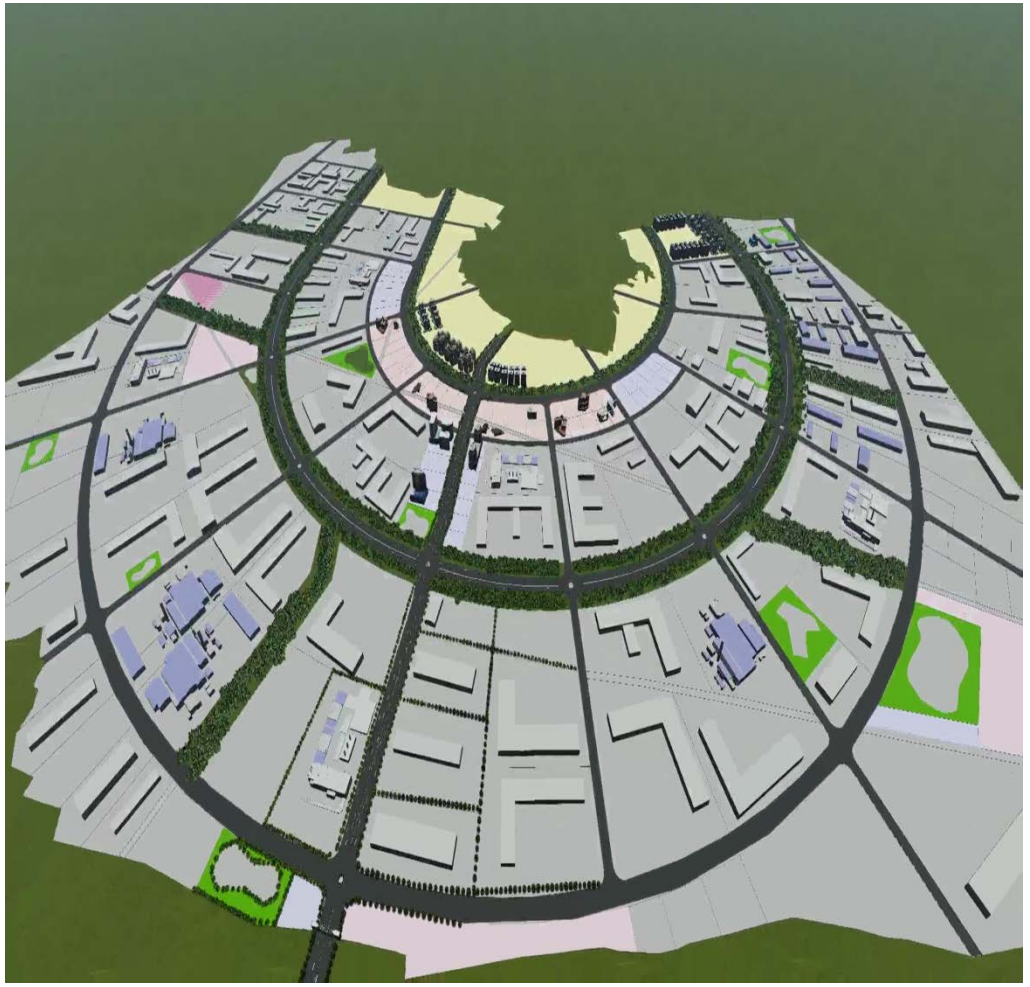
Foreign firms can raise capital in foreign currency by issuing and listing their shares on stock exchanges within the IFSC

Firms can undertake offshore transaction in the field of Banking, Insurance & Capital Markets

Offices can be set up at cost effective rate with locational advantage and modern infrastructure

Some of the major investors in GIFT city are **Oracle, World Trade Centre, State Bank of India, Bank of India, Tata Communications, New India Assurance, iPlex India Pvt Ltd., Sterling Addlife India Pvt. Ltd.**

Khoraj Industrial Estate



Thank you

Gujarat - Key Facts

1

World's largest Grassroots Refinery

1

World's largest producer of Castor, Cumin, Fennel Seeds and Isabgol

1

World's largest producer of processed diamonds

1

World's largest fully mechanized Coal Terminal

1

World's largest Shipbreaking and Recycling Hub

1

World's largest single location Copper Smelter

1

World's largest gas based Sponge Iron Plant

1

World's first multi-developer, multi-technology, multi-facility and beneficiary Solar Park

3

World's third largest Denim producer

4

World's fourth largest steel plant

Sector Strategy: Priorities based on sector opportunity

Current strengths

- Pharmaceuticals
- Textiles
- Engineering
- Auto & Auto Components
- Chemicals & Petrochemicals
- Ports & Maritime

Sectors of Strategic Importance

- Defence Equipment
- Aerospace
- Ship-building & Repair
- Capital Goods & Engineering

Sectors of Basic Inputs

- Steel
- Mineral Exploration and Development
- Fertilizer
- Cement

Sectors for Depth and Value Addition

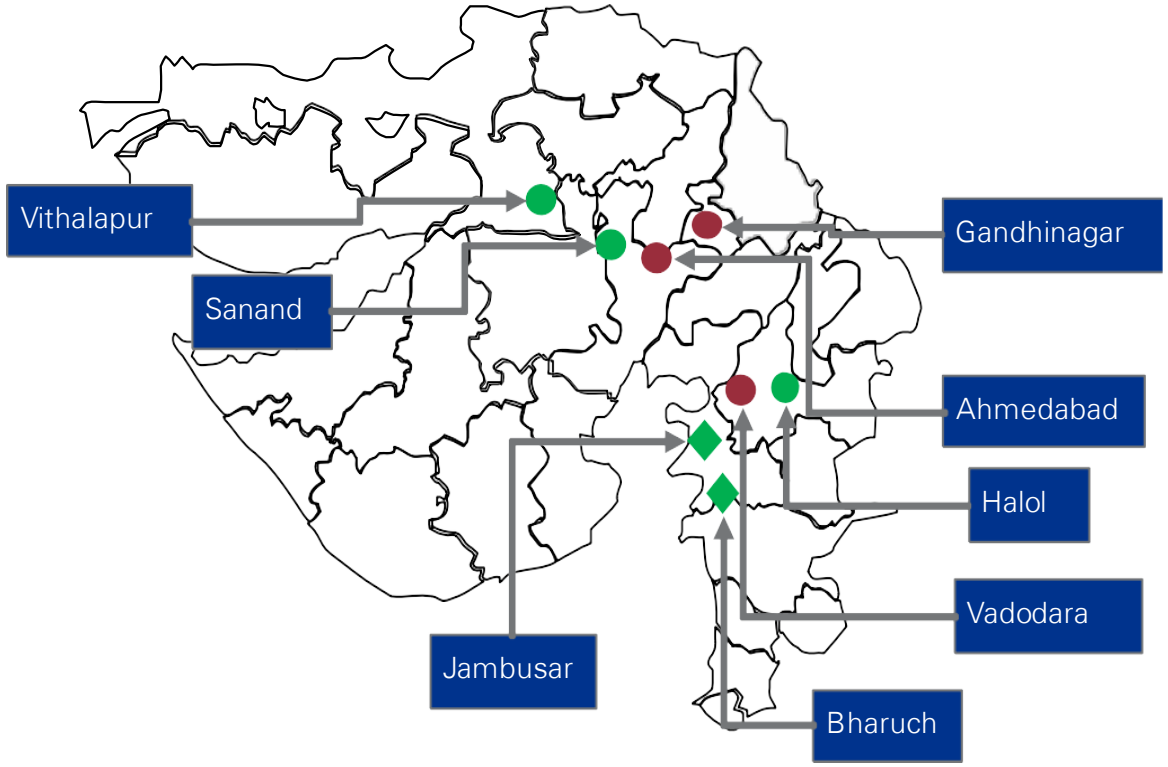
- Automotive
- Electronics
- Drugs & Pharma
- Chemical
- Petrochemicals

Sectors for Employment Generation

- Textlies
- Food Processing
- Banking & Financial Services
- Retail

Electronic System Design & Manufacturing (ESDM)

- Ahmedabad, Gandhinagar and Vadodara district have been notified as Electronics Manufacturing Clusters under the Electronic System Design and Manufacturing (ESDM) and Modified Special Incentive Package Scheme (M-SIPS) by the Department of Electronics & Information Technology (DeitY), Government of India
- GIDC has planned to established major electronic parks in Khoraj village near Sanand under the Government of India's new ESDM and M-SIPS scheme
- Gujarat to have two semiconductor wafer fabrication manufacturing facilities by 2017 in Prantij.
- The facilities are being set up by Hindustan Semiconductor Manufacturing Corporation (HSMC), along with ST Microelectronics (France/Italy) and Silterra (Malaysia) with capacity of producing 20,000 wafers per facility per month .
- The units will create 30,000 new employment opportunities in the State

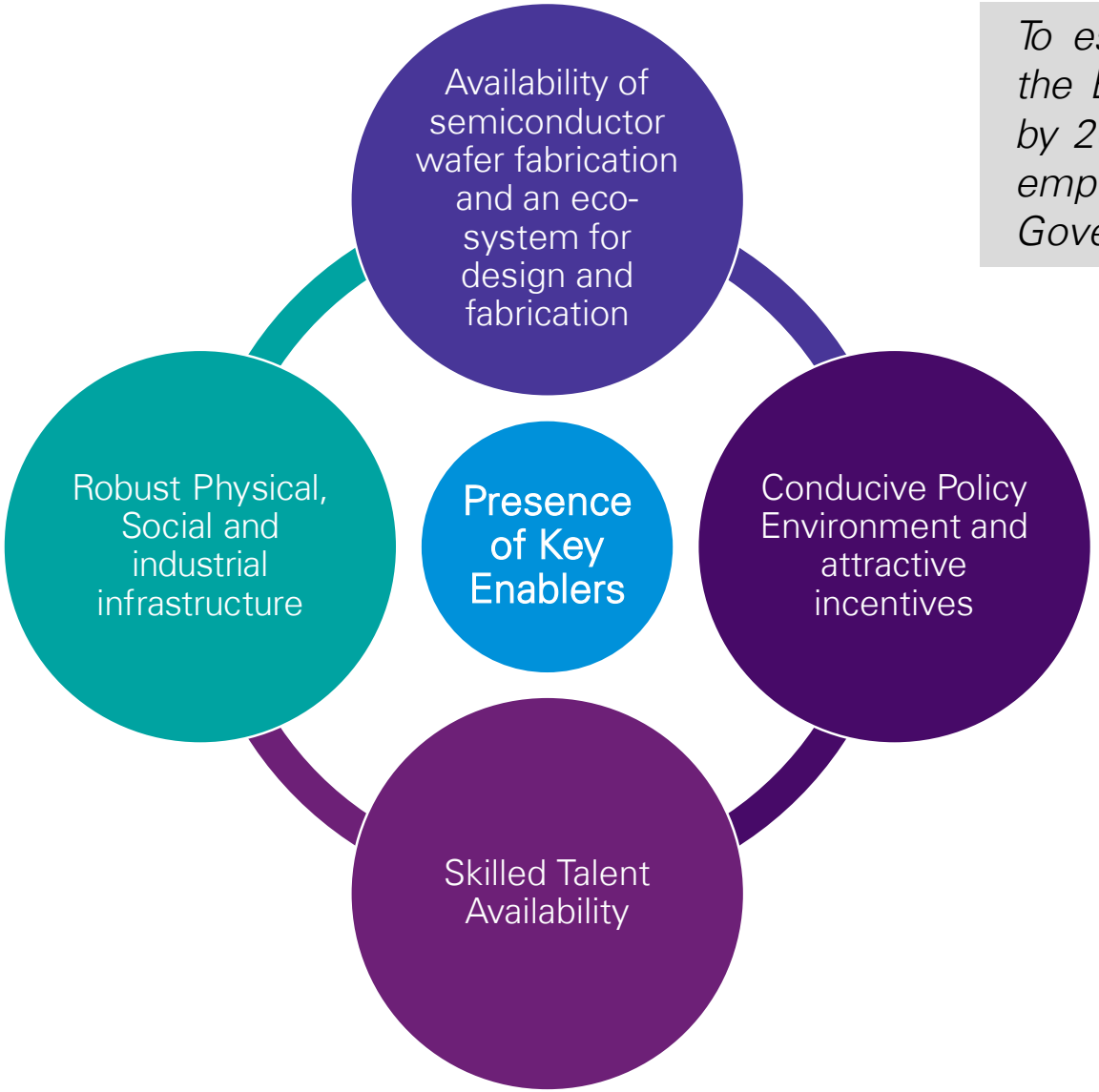


Brownfield EMC

Greenfield EMC

Upcoming Greenfield EMC

Investment Opportunities

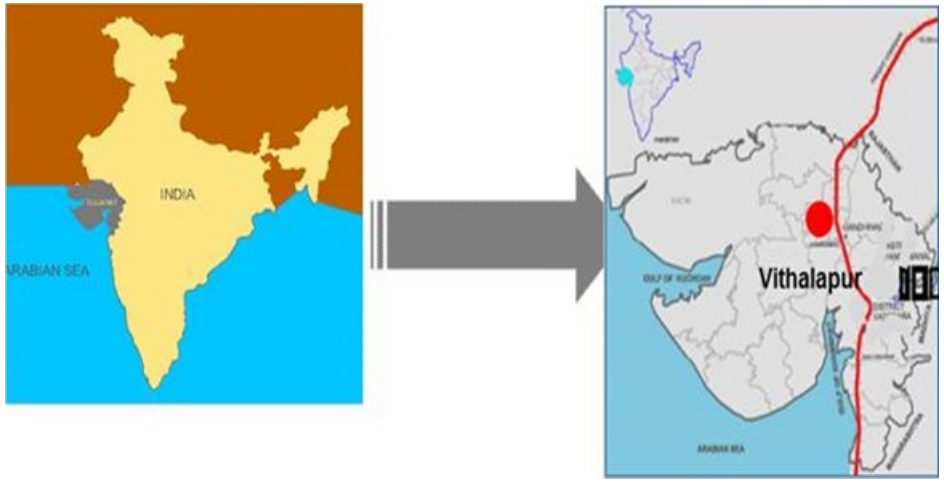


To establish Gujarat as a globally-recognized hub for the ESDM industry with a turnover of USD 16 billion by 2021 and an investment of USD 6 billion to create employment opportunities for 5 lakh people by 2021, Government has established a holistic approach

Investment Opportunities
Mobile and IT Hardware
Semiconductor Wafer Design and Fabrication
Nano Electronics
Telecom Products & Equipments
Industrial Electronics
Automotive Electronics
Consumer Electronics
Strategic and defence electronics; avionics components

Japanese Industrial Estate in Gujarat

Area of the Estate	➢ 123 ha
Location	➢ Mandal- Mehsana District
Focus Sector	➢ Engineering, Automobiles and ancillary units
Distance from the cities	➢ 610 KM from Mumbai ➢ 75 KM from Ahmedabad ➢ 197 KM from Baroda ➢ 347 KM from Surat



Connectivity Element	Location	Distance
Domestic Airport	Ahmedabad	75 km
International Airport	Ahmedabad	75 km
Nearest Major Port	Kandla	200-300 km
Nearest Major City	Ahmedabad	75 km
Nearest Auto component Hub	Sanand	70-80 km
Nearest Railway Junction	Viramgam	30 km
Nearest Railway Line	Meter Gauge line-Becharaji	20 km

Key Companies	Product/ Sector
M A Extrusion India Pvt. Ltd.	Auto Parts (Aluminium Extrusion Material)
Roki Minda Company Private Limited	Auto Parts (Air Cleaner)
TS Tech Co. Ltd.	Automobile interior products
Toyota Tsusho India Pvt. Ltd.	Engineering Industrial Park

Success Stories: Maruti Suzuki India Ltd.

Phase 1	Phase 2	Phase 3	Industrial Cluster
Anchor Company	Tier 1 Vendor	Tier 2, 3 Vendor	
Achieved	Land procured and transferred to JETRO	Land procurement underway	

Manufacturing Facility at Mandal, Gujarat

- Maruti Suzuki India Ltd. signed an MoU with GoG during Vibrant Gujarat 2015 for the development of its car manufacturing plant. The initial
- The phase – I of plant is fully operational with an annual capacity of 0.25 million cars and estimated investment of USD ~0.6 billion
- Land for phase II (600 acres) has been acquired which will add 0.3 million annual car production capacity
- By 2025 MSIL envisages to increase its annual production to 1.5 million cars

Success Stories: Honda Motorcycle and Scooter India Pvt. Ltd. (HMSI)

Scooter Plant, Vithalapur, Gujrat

- Honda arrived in India in the year 1999. It is a 100% subsidiary of Honda Motor Company Ltd., Japan
- The plant at Vithalapur, Gujarat is *World's largest only scooter plant* with annual capacity of 1.2 million units