



Industries Commissionerate
Government Of Gujarat

iNDEXTb
INDUSTRIAL EXTENSION BUREAU
GOVT. OF GUJARAT ORGANISATION
ISO 9001:2000 Certified

Surat & Tapi

District Profiles

INDEX

1

Surat & Tapi: A Snapshot

2

Economy and Industry Profile

3

Industrial Location/ Infrastructure

4

Support Infrastructure

5

Social Infrastructure

6

Tourism

7

Investment Opportunities

8

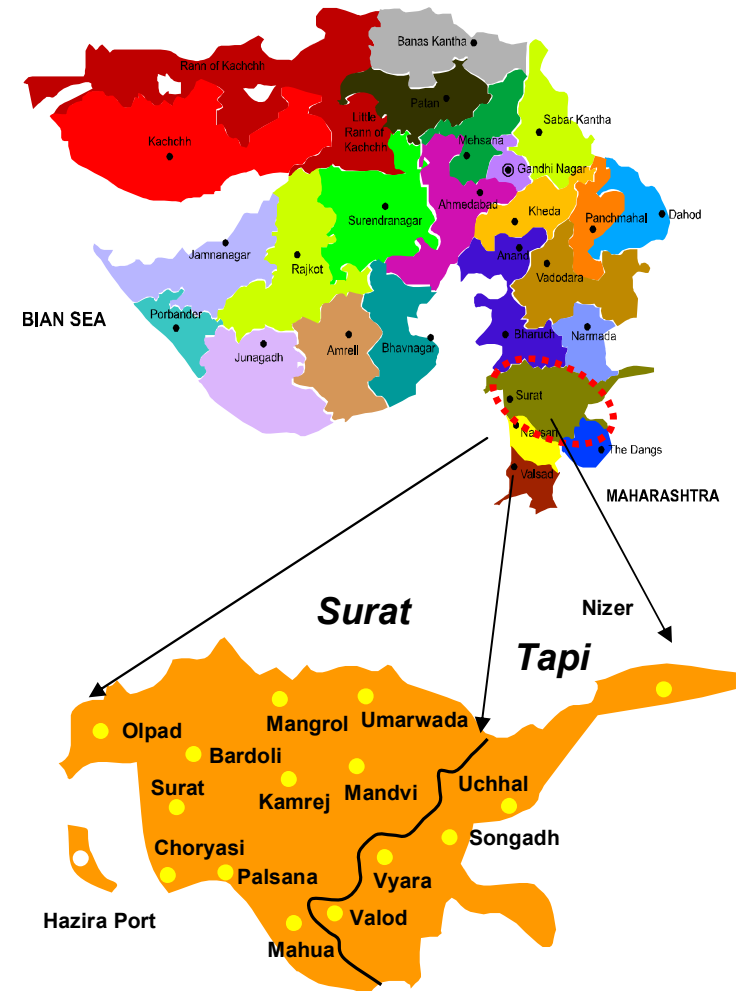
Annexure

Surat & Tapi : A Snapshot

Introduction: Surat & Tapi

- Located in the Southern part of Gujarat, **Surat** is the **second largest** commercial hub in the State
- Recently, the district of Surat was bifurcated into two new districts, viz. **Surat** district with headquarter at Surat and **Tapi** district with its headquarter at Vyara
- The district of Surat is divided into **ten revenue talukas**. Choryasi, Palsana, Kamrez, Bardoli, Olpad, Mangrol, Mandvi and Surat city are the major developed talukas in the district
- The newly constituted Tapi district consists of **five talukas** viz. Vyara, Songadh, Uchchal, Nizar and Valod
- **Surat** is mainly known for its **textiles & diamond processing industries**
- The district is emerging as a potential hub for IT/ITeS sector in Gujarat.
- Hazira and Magdalla Ports in the district provide logistic support to industrial operations in the state

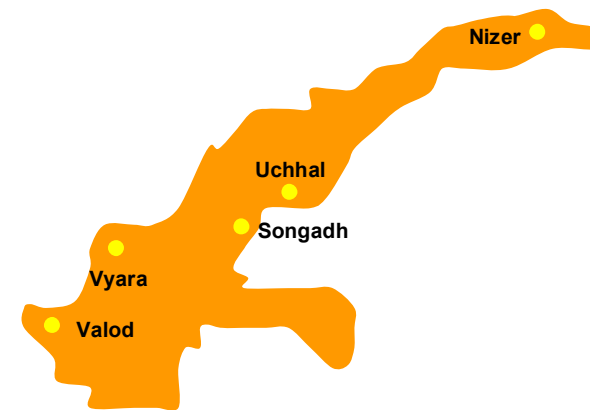
Map 1: District Map of Surat & Tapi



Introduction: Surat & Tapi

- Vyara and Songadh in **Tapi district** are known for dense forests with a major production of bamboos
- The unit of Central Pulp Mills is located in Songadh taluka
- **Focus Industry Sectors**
 - Textiles & Apparels
 - Gems & Jewelry
 - Chemicals & Petrochemicals
 - Ports
 - IT Enabled Services & Biotechnology
- **Tourist Places** : The Surat Castle, Mughalsarai, Andrews Library, Sardar Vallabhai Patel Museum and Marjan Shami Roza.

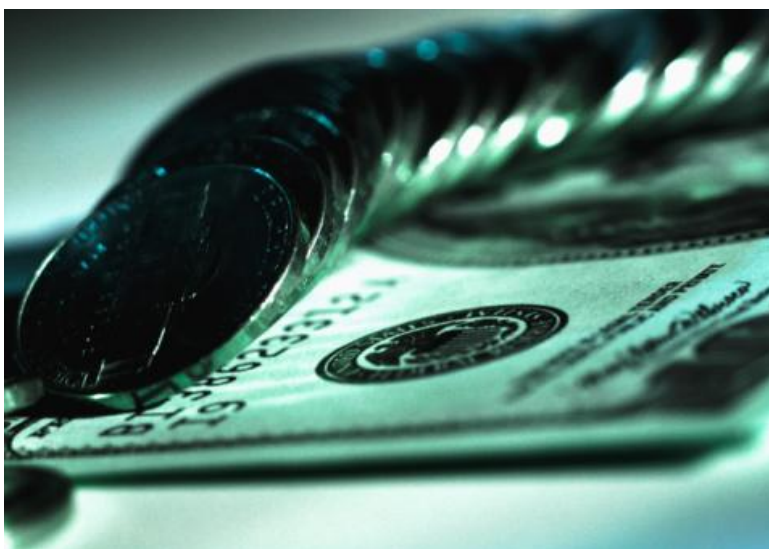
Map 2: District Map of Tapi & Talukas



Fact File : Surat

Geographical Location	72.38° to 74.23 ° East (Longitude)
	21.0 ° to 21.23 ° North (Latitude)
Temperature	45 ° Centigrade (Maximum)
	10 ° Centigrade (Minimum)
Average Rainfall	1000-1200 mm
Rivers	Tapi
Area	7,761 sq Km
District Headquarter	Surat
Talukas	10
Population	4.99 Million (As per 2001 Census)
Population Density	653 persons per sq. Km
Sex Ratio	835 Females per 1000 Males
Literacy Rate	75%
Languages	Gujarati, Hindi and English
Seismic Zone	Zone III

Source: Surat District Profile 2006-07



Economy and Industry Profile

Economy & Industry Profile

- Industrial development in Surat district could be attributed to the presence of a large number of diamond processing, textiles and chemical & petrochemical industries
- During 2006-07, Surat contributed a **maximum of 11.5% of Gross Domestic Product (GDP) to the State, as compared to any other district of India,**
- The processes 10 out of 12 varieties of diamonds in the world contributing to INR 45,000 crore (USD 10.71 billion), which is approximately 65% of total diamond exports from India
- Surat – The synthetic capital of India hosts over 45,000 power looms and provides over 7 lakh jobs
- It contributes 18% to the total man made fiber exports and 40% of man made fabric production in India
- Surat has been very successful in attracting a sizeable amount of Foreign Direct Investment (FDI) in various sectors like energy, oil, and petroleum. A significant investment of INR 3,000 crore (USD 726 million) in Hazira LNG terminal project is one of the largest greenfield FDIs in India

Surat Contributes to ...

42% of world's total rough diamond cutting & polishing

70% of nation's total rough diamond cutting & polishing

65% of nation's total diamond exports

40% of nation's total man made fabric production

28% of nation's total man made fiber production

18% of nation's total man made fiber exports

Source: Indian Real Estate Growth and New Destinations, FICCI - Ernst & Young Report, 2007

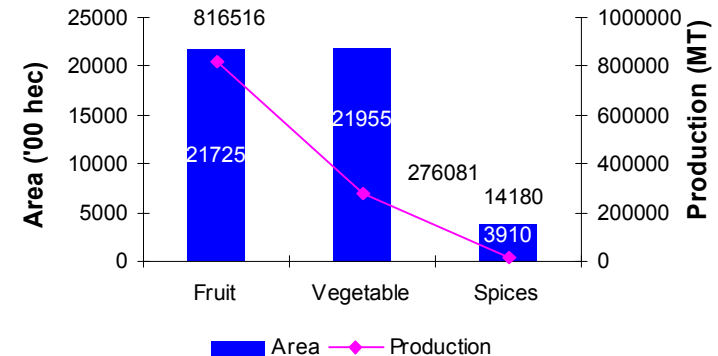
Agriculture

- In the year 2006-07, Surat produced more than 8 Lakh Metric Tonnes (MT) of fruit crops, around 2.75 lakh MT of vegetable crops and approximately 14,000 MT of spices.
- The district captured a share of 15.24% of the total fruit production in Gujarat by becoming the largest producer of papaya and second largest producer of banana in the State.
- Surat is the largest producer of Okra (Lady Finger) in Gujarat with a share of 19% of the total production.
- The region contributes 10.39% to the total production of spices in Gujarat as it is the largest producer of turmeric and second largest producer of ginger and chilly in the State

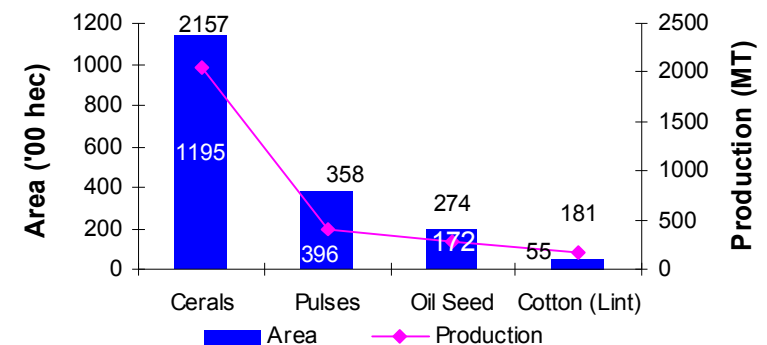
Source: Department of Agriculture, Government of Gujarat

**4th largest producer of pulses in Gujarat.
7th largest producer of cereals in Gujarat**

Fig. 1 : Food Crop Production 2006 - 07



**Fig. 2 :
Food and Non-Food Crop Production 2006 - 07**



Minerals

- Surat is the second largest producer of lignite in Gujarat
- The district accounted for 19% (17,21,333 MT) of the total production (90,96,438 MT) of lignite in the State in 2005-06
- It produced 1,23,809 MT of limestone in 2005-06
- **Mineral-based industries in Surat**
 - ✓ Lignite-based Thermal Power Station
 - ✓ Roofing Tiles Factory
 - ✓ Stone Ware Pipes and Drainage Pipe Industry
 - ✓ Glass Factory

Map 3 : Lignite Reserve in Gujarat

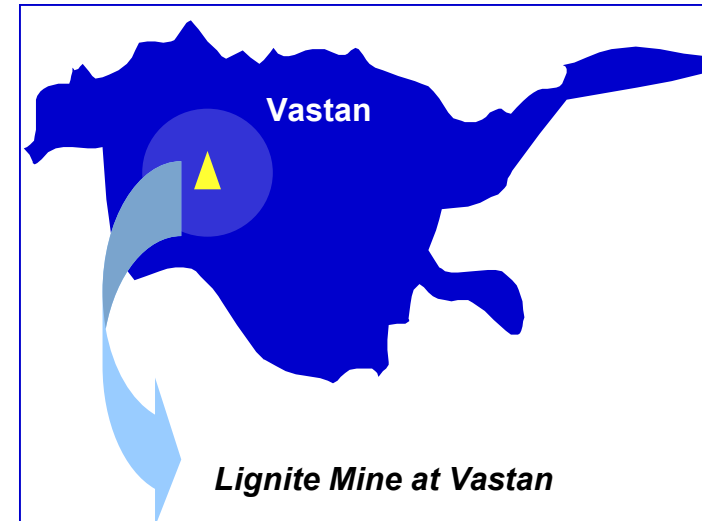
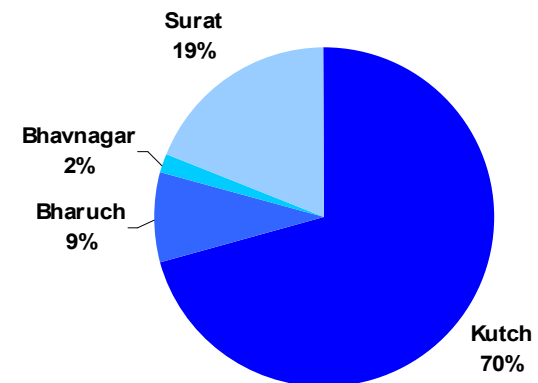


Fig 3 : Lignite Production in Gujarat



Source: Commissionerate of Geology and Mining, Government of Gujarat, 2005-06

Major Industries

- There are 605 medium and large scale industries based in Surat district.
- Most of the medium and large scale industries are concentrated in Choryasi taluka (West Surat) with 230 units followed by Mangrol (North Surat) and Mandvi taluka (Central Surat) with 131 and 116 units respectively.
- Some of the major medium and large scale players present in Surat district are mentioned in **Table 1**.

Table 1 : Medium and Large Scale Players in Surat*

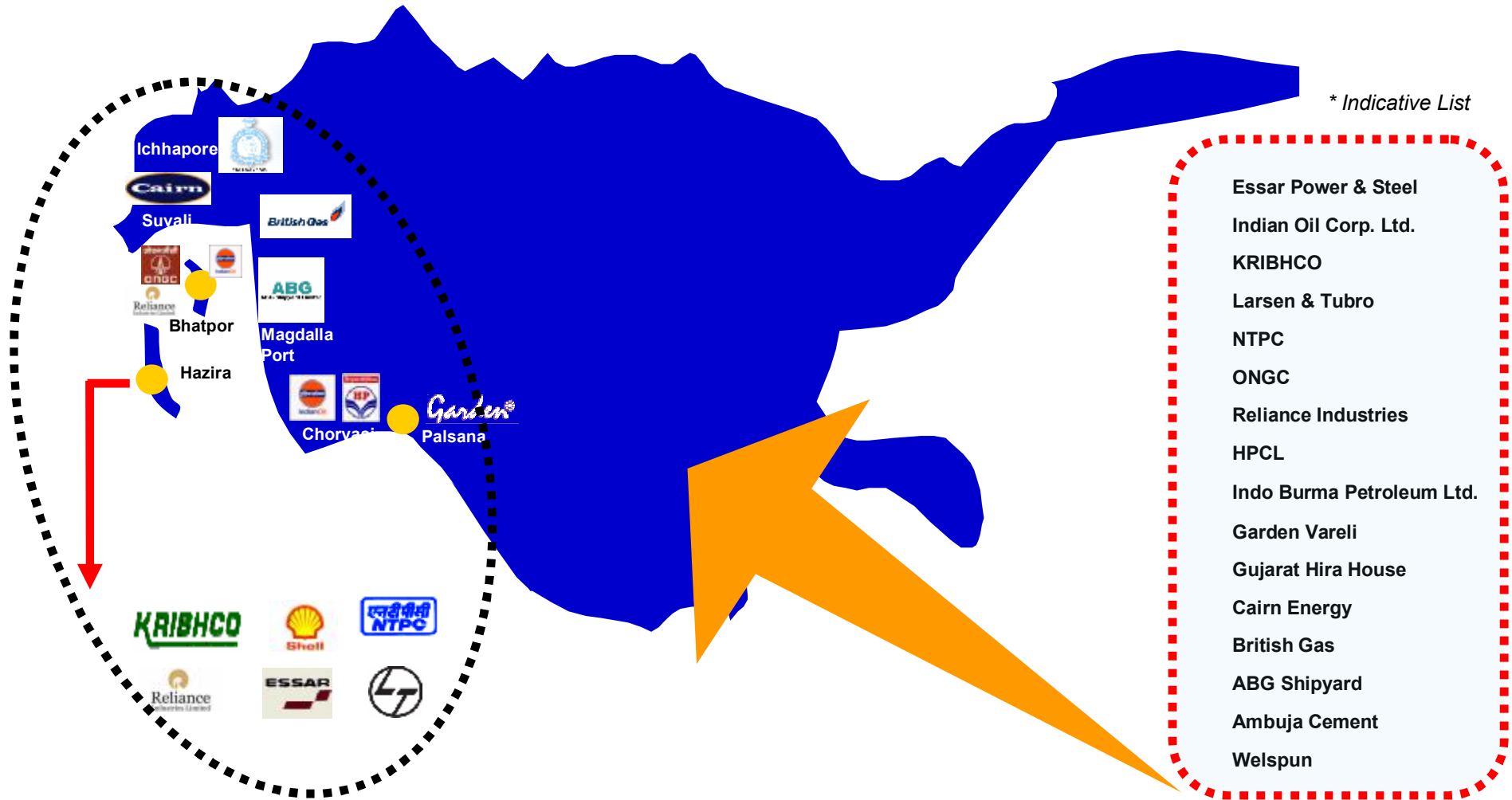
Name of Company	Taluka	Production
Essar Power	Hazira	Naphtha
Indian Oil Corp. Limited	Choryasi	Motor Spirit, Naphtha, Diesel
Indian Oil Corp. Limited	Bhatpor	LPG
Krishak Bharti Cooperative Limited (KRIBHCO)	Hazira	Ammonia, NGL
Larsen & Tubro	Hazira	LPG Equipment, Liquid Oxygen
National Thermal Power Corporation (NTPC)	Kawas,Hazira	Chlorine, Naphtha
Oil and Natural Gas Corporation (ONGC)	Bhatpor	LPG, Propine, ARN/NGL, Ethol Marcaptan
Reliance Industries Limited	Bhatpor	Benzine, LPG, Naphtha, Chlorine, EDC, EO, Ethylene
Hindustan Petrochemical Corporation Limited (HPCL)	Choryasi	MS, HSP, Naphtha, SKO
Indo Burma Petroleum Limited	Choryasi	SKO, High Speed Diesel, Motor Spirit
Essar Steel	Hazira	Liquid Oxygen, Aargon, C1.2

Source: Surat District Profile 2006-07

* Indicative List

Major Industries

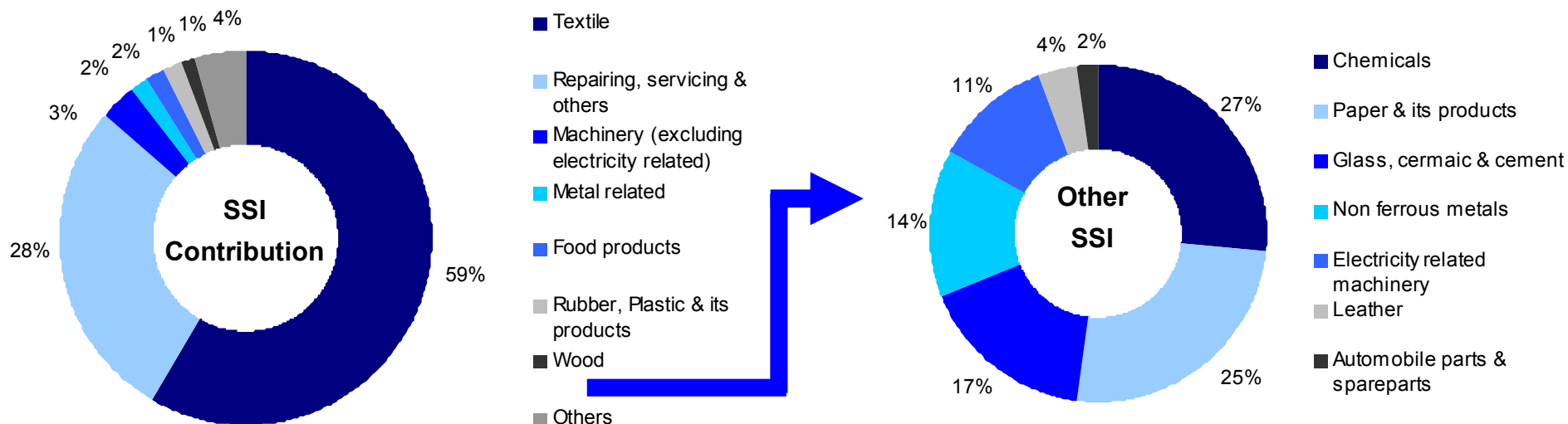
Map 4: Major Industry Players in Surat District *



Small Scale Industries (SSI)

- There are over 41,300 small scale industries (SSI) functioning in Surat district. Some of the main industries under SSIs in Surat are textiles, chemicals dying & printing, diamond processing, jhari (Silver) making, and. engineering and related activities (manufacturing machineries & equipments)
- Maximum number of SSI units (24,000 Units) are related to textile industry in the district followed by repairing & service industry with more than 11,000 units.
- Most of the small scale industries are located at talukas such as Choryasi (Western Surat), Mangrol (Northern Surat), Olpad (Northern Surat), Mandvi (Central Surat) and Palsana (Southern Surat)

Fig. 4 & 5 : Contribution of Sectors in SSI Units

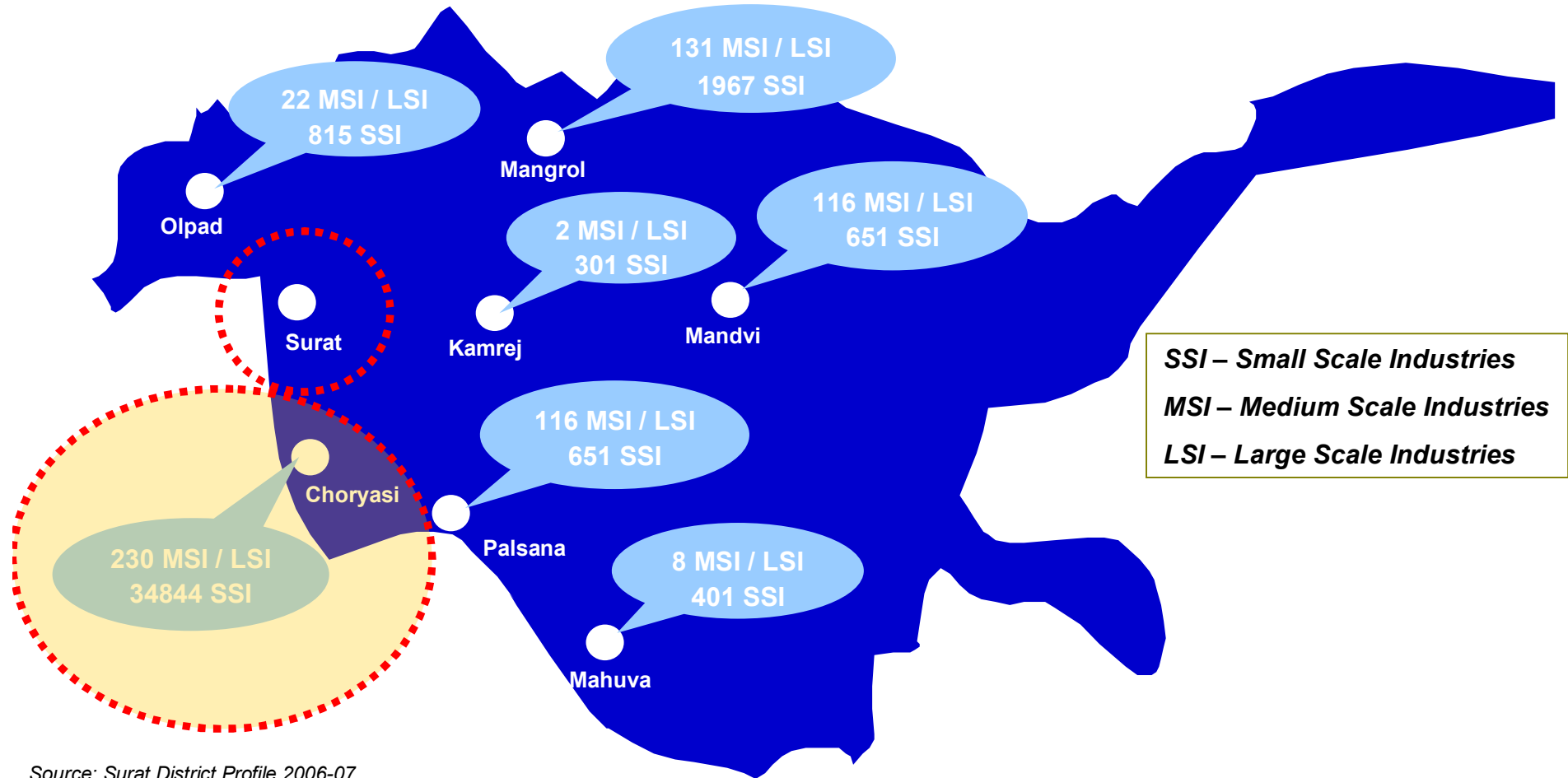


Source: Surat District Profile 2006-07

Industry Clusters

- Maximum number of SSIs, MSIs & LSI s are located in Choryasi taluka

Map 5 : Medium and Large Scale Industry Clusters

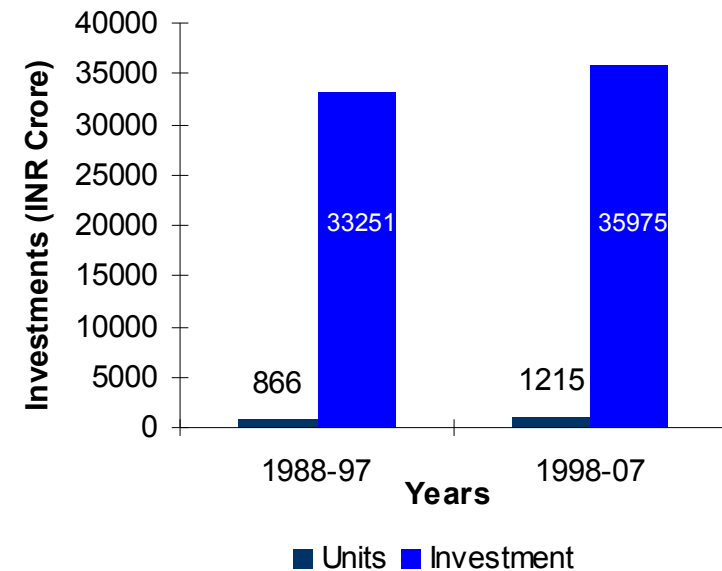


Source: Surat District Profile 2006-07

Industry Investment Trends

- As per the Industrial Entrepreneur Memoranda (IEMs) filed, the total investments during 1988-97 were **INR 33,251 Crore** (USD 7.92 billion) and **INR 35,975 Crore** (USD 8.57 billion) between 1998-2007 .
- Around 70% of the investments during 1998-07 have been contributed by engineering, electrical equipment, textiles, chemicals & petrochemicals sectors. However, major investments during 1988-97 were contributed by industries such as petrochemicals & refinery, rubber goods, textiles, metallurgical industry and infrastructure projects.
- Total 866 units were introduced during 1988-97, however during 1998-07 **1215 new units were introduced** with **textile** sector units having taken a lion's share of **51%** in terms of new units established in last one decade.

**Fig. 6 : Investments in 1988 -97 Vs 1998-07
Comparative Data in Last Two Decades**

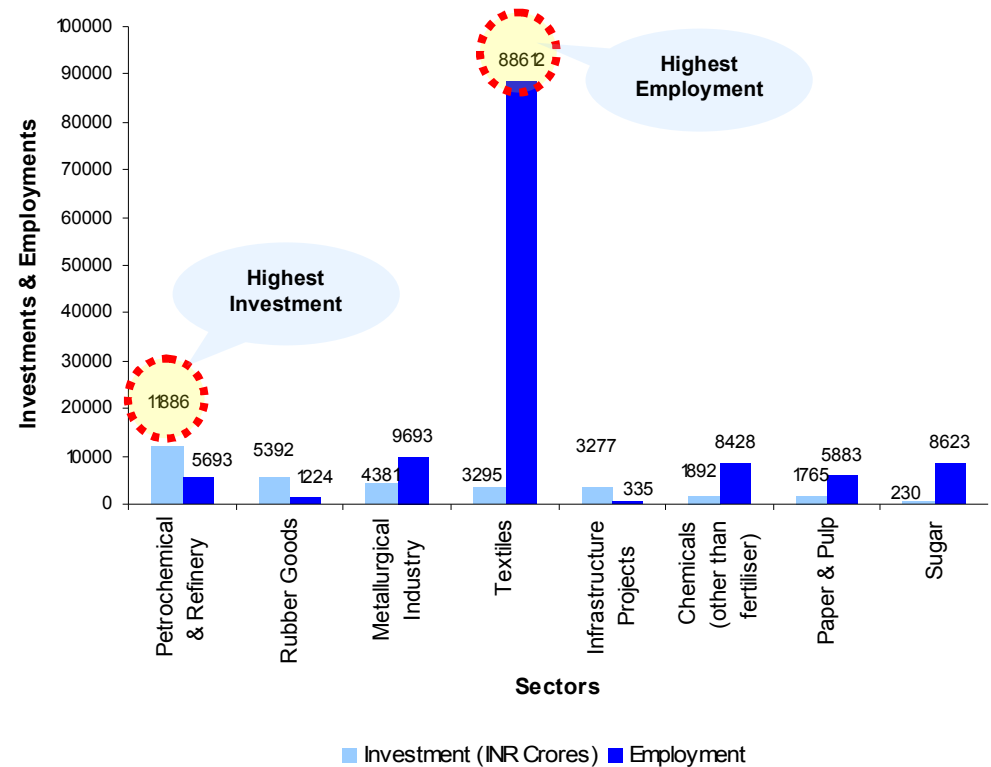


Source: Industries Commissionerate, Government of Gujarat, 2007

Investment Trends: 1988-97

- During 1988-97 petrochemical and refinery sector attracted maximum investments to the tune of **INR 11,886 crore** (USD 2.83 billion) contributing 36% to the total investments
- Investments in textile industry were witnessed by 604 units accounting for INR 3,295 crore (USD 0.78 billion). Textile sector generated 88,612 jobs during 1988-97 contributing a share of 62% to the total jobs created
- Infrastructure sector received a sizeable investment of INR 3,277 crore (USD 780 million)

Fig. 7
Major Investments & Employment during 1988-97

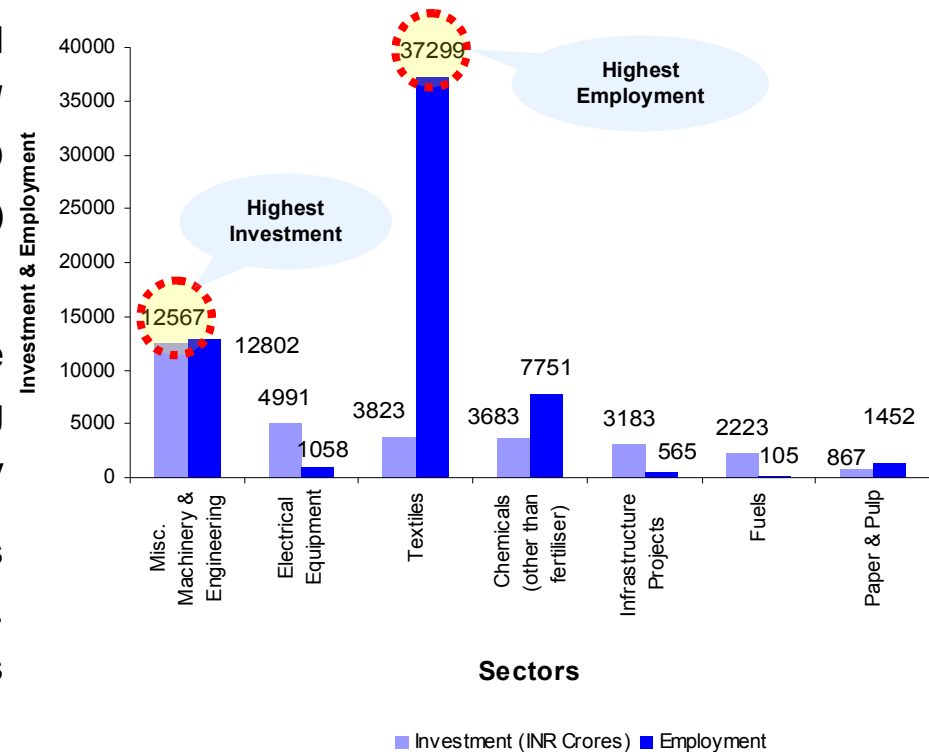


Source: Industries Commissionerate, Government of Gujarat, 2007

Investment Trends: 1998-07

- Machinery and engineering sectors attracted maximum investments of **INR 12,567 crore** (USD 2.99 billion), contributing 35% of the total investments.
- Electrical equipments, textiles, and chemical sectors experienced an investment of **INR 4,991 crore** (USD 1.19 billion), **INR 3,823 crore** (USD 0.91 billion) **and INR 3,683 crore** (USD 0.88 billion) respectively.
- Textiles, engineering and chemicals were the sectors generating highest employment contributing 31%, 11% and 7% of the total new jobs respectively
- Engineering, chemicals and textile sectors **contributed to 61%** of the new units established. Of them, textile sector has shown tremendous growth with emergence of 618 units.

Fig. 8 : Major Investments & Employment during 1998-07



Source: Industries Commissionerate, Government of Gujarat, 2007

Investments in Pipeline

- A total of 78 MoUs amounting to INR 84,421 crore (USD 20 billion) of investments were signed for locations in Surat during Vibrant Gujarat :Global Investors Summit (VGGIS) hosted in the year 2003, 05 and 07
- The sectors such as agro, ports, power, textiles, engineering and oil & gas attracted major investments
- With an investment of INR 3,187 crore (USD 759 million), Gujarat State Electricity Corporation Ltd signed two MoUs in 2007 Summit for establishing 360 MW gas based power project at Utran and 500 MW coal based power project in Ukai regions
- In addition, **38 MoUs were signed and 2 announcements** were made during VGGIS 2007, involving an investment of INR 31,349 crore (USD 7.46 billion)
- During last three summits, 23 MoUs were signed in agro sector followed by engineering and power with 8 MoUs in each sector respectively

Fig. 9 : Number of MoU Signed (VGGIS 03, 05, 07)

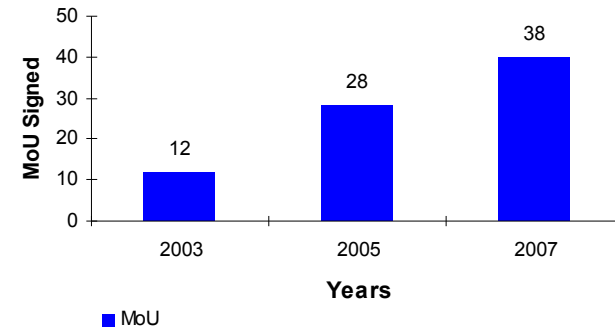
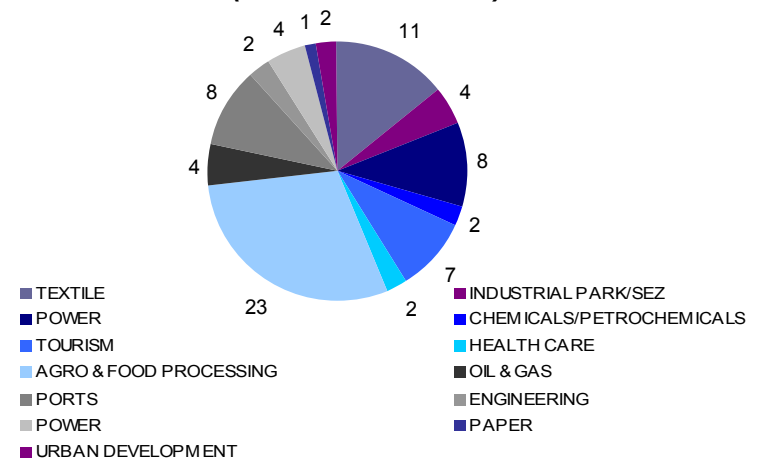


Fig. 10 : Sector wise MoUs Signed (VGGIS 03, 05, 07)



Source: Industries Commissionerate, Government of Gujarat, 2007

Economy Drivers

- The upgraded Surat airport is envisaged to offer direct air connectivity with important destinations in India and abroad. This is expected to boost commercial activities in the city as well as in the district, leading to an upsurge in the demand in hospitality sector, which is primarily driven by corporate tourism.
- Emergence of a **petrochemical complex**, a **gems and jewelry Park** and the centrally promoted **Surat SEZ** are expected to further fuel the industrial and economic growth of the city.
- The expansion plans of Hazira port is envisaged in two phases. The first phase envisions the development of port infrastructure to handle Liquefied Natural Gas (LNG) imports, and the second phase would offer port facilities for handling dry bulk and containerised cargo. The port facility would help in attracting sizeable investments in the times ahead.



Source: Indian Real Estate: Growth and New Destinations ,FICCI and Ernst & Young, 2007



Industrial Locations/ Infrastructure

Industrial Locations/Infrastructure

5 Special Economic Zones

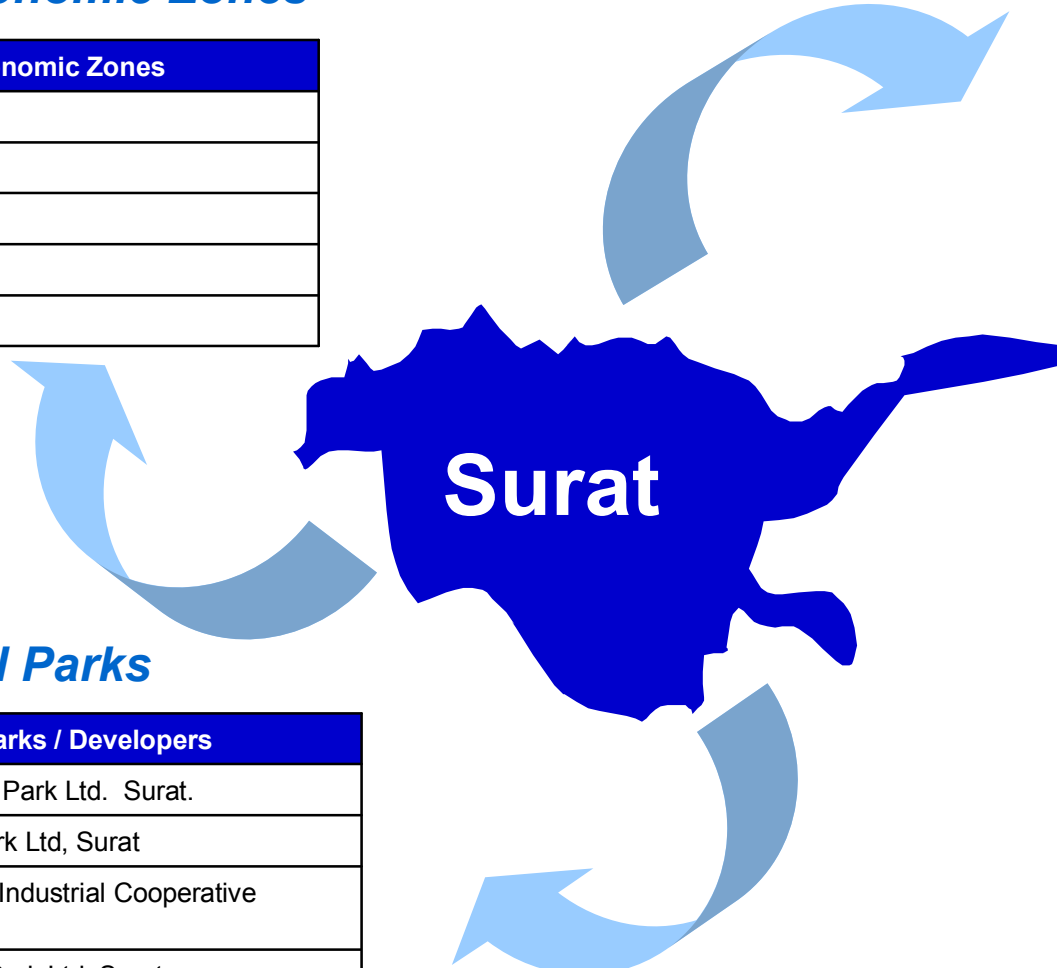
Special Economic Zones
SURSEZ
Surat Apparel SEZ
Gems & Jewelry SEZ
Essar Hazira SEZ
Essar Power SEZ

16 Industrial Estates

Industrial Estates
Valod
Khatodara
Bardoli
Gaviyar-Meghdalla
Olpad
Hazira(GSPCL)
Katargam
Ichhapor Bhatpor (IOC)
Apparel park
Hazira
Doshwada
Pandesara
Hazira (Reliance)
Sachin
Ichhapor Bhatpor
Sachin (DGDCL)

4 Industrial Parks

Industrial Parks / Developers
M/s Gujarat Eco Textile Park Ltd. Surat.
M/S Fairdeal Textile Park Ltd, Surat
M/s Shri Laxminarayan Industrial Cooperative Service Ltd, Surat
M/S Surat Super Yarn Park Ltd. Surat

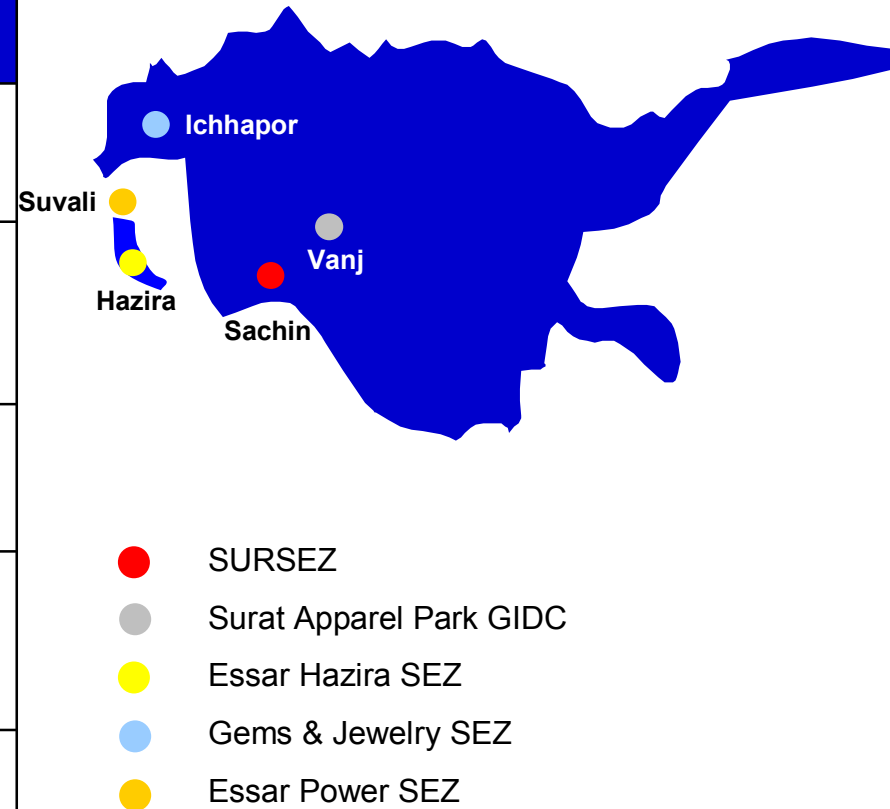


Special Economic Zones

Table 2 : SEZs in Surat

Name	Location	Sector & Area recommended by GoG (in hectares)	Status of Approval by GoI
SURSEZ	Sachin, Surat	Multi-product 49.90 hectare	Operational SEZ prior to SEZ Act
Surat Apparel SEZ	Vanj, Surat	Apparel 56.64 hectare	Operational SEZ prior to SEZ Act
Gujarat Hira Bourse	Ichhapor, Surat	Gems & Jewellery 74 hectare	Notified in area of 73-87-97 hectares vide notification dated 3/07/07
Essar Hazira SEZ	Hazira, Surat	Engineering 267 hectare	Notified in area of 247-52-22 hectares vide notification No. 1628(E) dated 28/9/06
Essar Power SEZ	Suvali, Surat	Power 180 hectare	In-principle Approval in an area of 180 hectares

Map 6 : SEZs in Surat



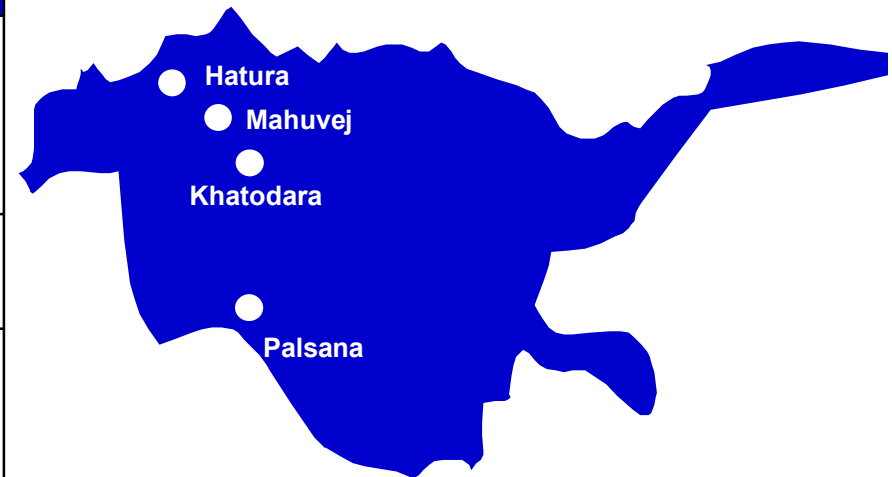
Source: Industries Commissionerate, Government of Gujarat, 2007

Industrial Parks

Table 3 : Industrial Parks in Surat

Name Of The Developer	Location	Park	Project Cost (USD million)	Status as in Dec. 2007
M/s Shri Laxminarayan Industrial Cooperative Service Ltd, Surat	Khatodara	Textile Park	13.55	Upcoming
M/s Gujarat Eco Textile Park Ltd. Surat.	Palsana	Textile Park	27.06	Upcoming
M/S Fairdeal Textile Park Ltd, Surat	Mahuvej Ta.Magrol	Integrated Textile Park	29.04	Upcoming
M/S Surat Super Yarn Park Ltd. Surat	Hathura	Integrated Textile Park	25.29	Upcoming

Map 7 : Industrial Parks in Surat



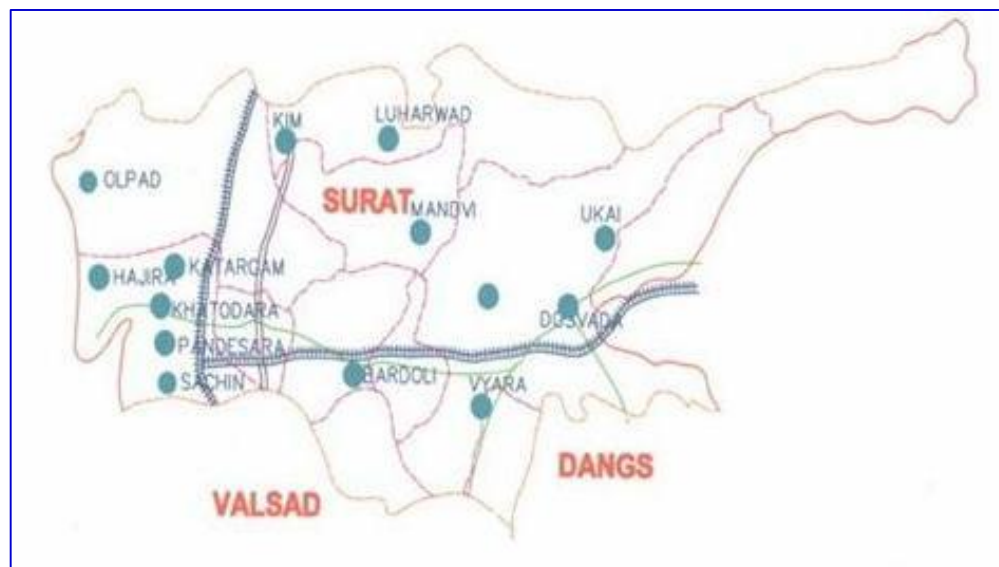
Source: Industries Commissionerate, Government of Gujarat, 2007

Industrial Estates

Table 4 : Industrial Estates in Surat

Industrial Estates	Area in Hectare
Valod	1.13
Khatodara	3.07
Bardoli	4.71
Gaviyar-Meghdalla	15.34
Olpad	31.05
Hazira(GSPCL)	37.80
Katargam	38.33
Ichhapor Bhatpor (IOC)	40.00
Apparel park	54.96
Hazira	127.04
Doshwada	165.14
Pandesara	218.27
Hazira (Reliance)	437.50
Sachin	749.35
Ichhapor Bhatpor	836.08
Sachin (DGDCL)	94.41
Nizer	5.62

Map 8 : Industrial Estates in Surat



LEGEND

-  STATE HIGHWAY
-  NATIONAL HIGHWAY
-  BROADGAUGE RAILWAY
-  METERGAUGE RAILWAY
-  G.I.D.C. ESTATE

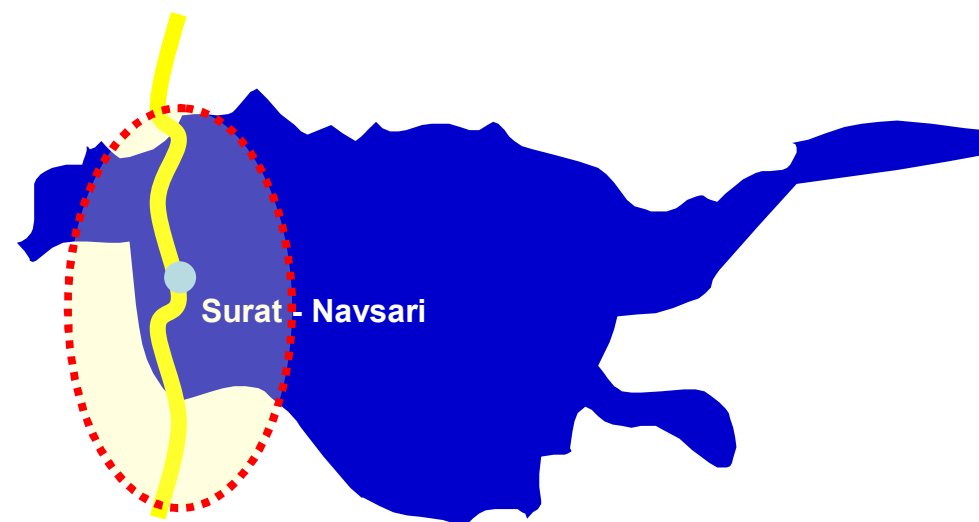
Source: Gujarat Industrial Development Corporation, Government of Gujarat, 2007

Delhi Mumbai Industrial Corridor

Table 5 : Proposed Industrial Cluster in Surat – Navsari Industrial Area

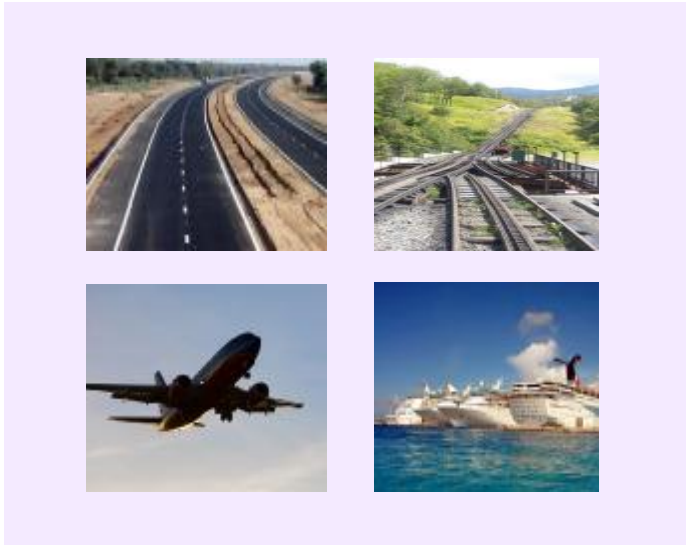
Components	Description
Export Oriented Industrial Activities	Pharmaceutical, Textile, Gems & Jewellery, Chemical & Petrochemicals
Agro/Food Processing Hub	✓
IT/ ITeS/ Biotech Hubs	✓
Development of Surat Airport	✓
Logistics Hub	✓
Feeder Road Links	Augmentation of Surat-Hazira Linkage, Connectivity to NH-6 and NH-8
Feeder Rail Links	Served by Surat-Hazira Rail Link and with DFC at Vapi/ Vadodara Stations
Integrated Township	Residential, Commercial, Institutional/ Health, Transportation land use

Map 10 : Surat - Navsari Industrial Area



Surat- Navsari industrial area lies within 50 Km of the Dedicated Freight Corridor in southern Gujarat. This region is well connected by NH-8 and NH-6.

Source: Industries Commissionerate, Government of Gujarat, 2007



Support Infrastructure

Road and Rail Connectivity

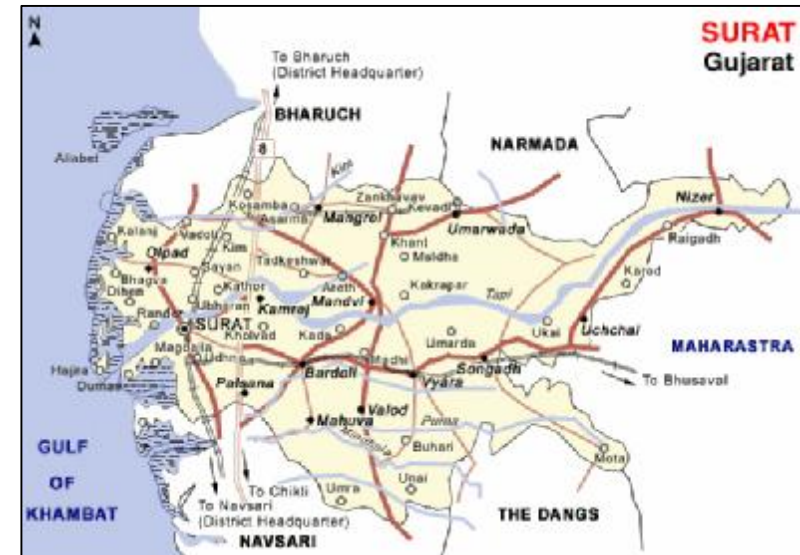
Road

- Surat is well connected to various locations through national and state highways.
- Connectivity to major industrial centers: NH-8 connects Surat with Mumbai (307 km), Delhi (1,034 km), Kolkatta (1676 km), Chennai (1,371km) and Hyderabad (824km)
- Connectivity to other major cities: Jamnagar (549 km), Rajkot (461 km), Bhavnagar (447 km), Valsad (77 km), Ahmedabad (278 km), and Vadodara (167 km)

Rail

- Almost all the talukas of Surat are well connected with the rail network. Surat is well connected with Valsad, Vapi and Mumbai towards its south and with Bharuch, Vadodara and Ahmedabad in the north

Map 11 : Surat Road and Rail Network

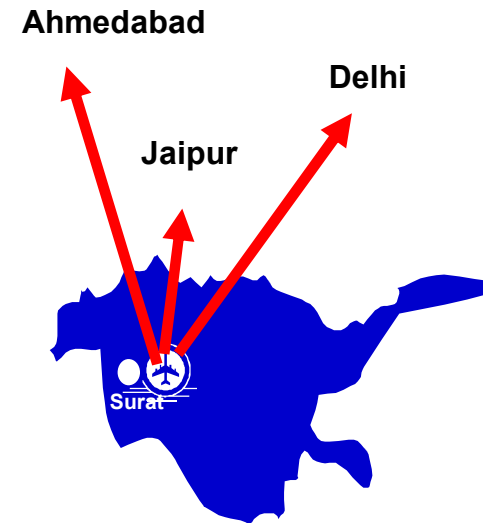


Source: Surat District Profile, 2006-07 Government of Gujarat

Airports and Ports Connectivity

Air

- Surat has a domestic airport which is well connected to different metros. It has daily flights to Delhi, Jaipur, and Ahmedabad.
- Government of Gujarat has also undertaken aviation master plan for the state which prioritises development as well as upgradation of the Surat airport.
- Nearest airports are at Vadodara and Mumbai



Map 12 : Surat Air Connectivity

Port

- Magdalla & Hazira Ports in Surat have good rail and road connectivity.
- Magdalla port is 2 Km away from the state highway and 15 Km away from NH-8.
- Hazira Port in Surat has **close proximity to the high speed dual carriageway** which is under construction. The port is well connected with main Mumbai – Ahmedabad - Delhi broad gauge railway line. The nearest airport is in Surat. The proposed **Mumbai – Delhi Freight Corridor** is expected to be a major driver for industrial growth of Hazira Port.

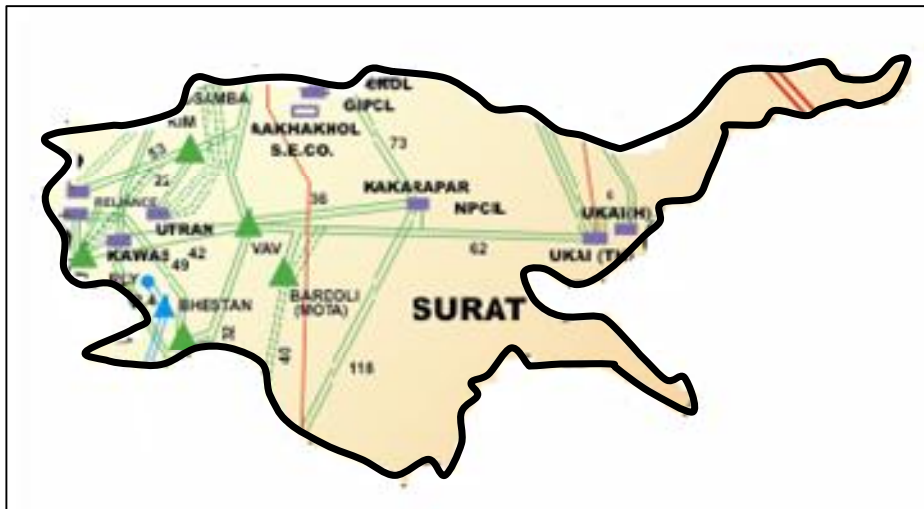
Source: Surat District Profile, 2006-07, Gujarat Maritime Board, Government of Gujarat

Power Supply Network

Power

- Surat has a well developed network of Sub stations and power stations in the district to cater to the need of electricity for industry and residential use.
- There are five 220 KV sub stations at different locations in the district at Sachin, Ichhapor, Kim, Vav and Bardoli.
- There are eight power stations in the district and one power station is proposed at Aakhakhol. One 132 KV sub station is in place at Bhestan.

Map 13 : Surat Power Supply



LEGEND		
DESCRIPTION	EXISTING	PROPOSED
POWER STATION		
132 KV. LINE		
220 KV. LINE		
400 KV. LINE		
132 KV. S/S		
220 KV. S/S		
400 KV. S/S		

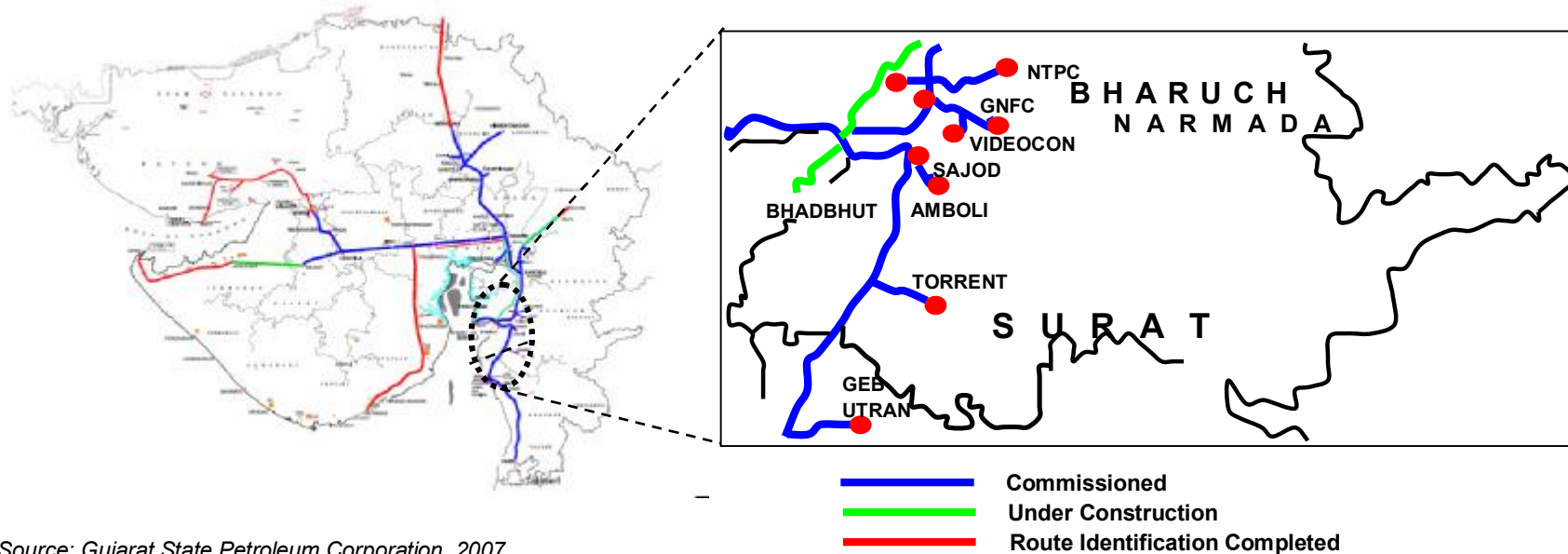
Source: Gujarat State Electricity Board, Government of Gujarat, 2007

Gas Supply

Gas

- There are eight pipeline sections in the district. Mora-Sajod section is the longest segment with 36.22 kms length.
- The existing gas grid in the district is 113.85 kms long and the proposed length of the gas grid is 19.5 kms. The proposed gas grid will cover three sections i.e. ONGC – Olpad and Olpad - Utran Power Plant

Map 14 : Surat Gas Network



Source: Gujarat State Petroleum Corporation, 2007

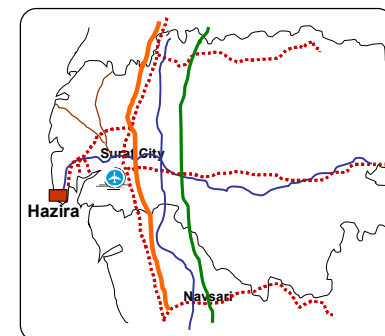
Ports

Port

- Magdalla & Hazira Ports in Surat have **railway** and **road** connectivity.
- Magdalla port is 2 Km away from the state highway and 15 Km away from NH-8.
- Hazira Port in Surat has **close proximity to the high speed dual carriageway** which is under construction. The port is well connected with main Mumbai – Ahmedabad - Delhi broad gauge railway line. The nearest airport is in Surat. The proposed **Mumbai – Delhi Freight Corridor** is expected to be a major driver for industrial growth of Hazira Port.

Hazira Port : *India's New Trading Hub*

- Hazira is known as the '**gateway port**' to serve the hinterlands of north, west and central India as it is situated in the midst of one of the most industrialized areas in the country. It is a **deepwater, all weather and direct berthing port**.
- The **existing industrial portfolio** of Hazira includes industrial activities such as petrochemicals, fertilisers, heavy engineering, steel, energy and port related activities. More than 20 large and medium sized companies are located in Hazira, including Bharat Petroleum Corporation, Cairn Energy, Essar Power, Hindustan Petroleum and Larsen & Toubro, Reliance, NTPC among others.
- In 2004, **Shell** established an **LNG Terminal** at Hazira
- In a recent development, Hazira Port Pvt. Ltd and PSA Ltd, Singapore have signed an Heads of Agreement for development of a **Container Terminal at Hazira Port**.. A steel plant established by Essar Steel Ltd. in Hazira port is the largest steel manufacturing facility on the western coast of India.



Source: *The Ports of Gujarat*, Gujarat Maritime Board ,2005-06

Magdalla Port

- Magdalla is a **lighterage port**. The port is situated on the western coast of India in southern Gujarat. It is on the southern bank of river Tapti about 16 Km upstream the river.
- The state highway is 2 Km and NH – 8 is 15 Km away from Magdalla Port. The **nearest broad gauge** railway line and Surat railway station are 15 and 16 km away from Magdalla Port respectively. The port is well connected by road with Rajasthan, Madhya Pradesh, north Maharashtra which are hinterland areas to the port. The airport is 4 Km away from the port.
- The main cargo handled by Gujarat Maritime Board (GMB) jetty at **Magdalla Port** is **coal**.
- Essar Steel Ltd, Reliance Industries Ltd, Larsen & Toubro Ltd and Gujarat Ambuja Cement Co. Ltd have constructed captive jetties at Magdalla for import and export of their products.
- GMB is planning to develop a **common user berth** towards south of Essar jetty at Hazira. The location is falling under the administrative control of Magdalla Port. Fertilisers, soybean, groundnut, coal, general cargo, etc. can be handled at this proposed location.



Source: The Ports of Gujarat, Gujarat Maritime Board ,2005-06

Proposed Infrastructure Projects

Road Network

- The Government has proposed a Bus Rapid Transit System (BRTS), to enhance the connectivity in the city. Further, a canal corridor has been proposed to be built by 2010 which will provide the much needed east – west connectivity in Surat city.
- The proposed Outer Ring Road in Surat is envisaged to decongest the urban core traffic and is slated for completion by 2010.
- A multi layer flyover is being developed with an investment of INR 290 million and is likely to be completed by the end of 2008. Development of feeder road links is ongoing, connecting the industrial area with NHDP, DFC corridor and Hinterland



Rail Network

- Development of feeder rail links to build a new broad gauge rail link between Surat (Gothangam) and Hazira.



Source: Indian Real Estate: Growth and New Destinations ,FICCI and Ernst & Young, 2007

Proposed Infrastructure Projects

Port Projects

- A container terminal at an estimated cost of INR 15 billion is proposed at Hazira which is envisaged to facilitate imports and exports.



Infrastructure Projects

- Ahmedabad-based Bhagwati Banquets and Hotels Ltd has plans to invest INR 110 Crore for setting up a 180 room five star hotel on Dumas Road in Surat. Construction on the project has already commenced and is expected to become operational by December 2008.



Source: Indian Real Estate: Growth and New Destinations (FICCI and Ernst & Young), Industries Commissionerate, 2007



Social Infrastructure

Education

- Surat has many Medical, nursing, ayurvedic and physiotherapy colleges
- Technical colleges offering courses in chemical, civil, electrical, electronic and communication, information technology, production and mechanical engineering are also present in the district
- Institutes providing specialised courses in gems & jewellery and textile sector are also widely available to provide trained manpower for the industry
- **Indian Diamond Institute** provides different courses in diamonds, coloured gemstones and machine cast jewellery. Besides imparting training, it is also undertaking R & D and consultancy services
- **Man Made Textile Research Association (MANTRA)** has been established to carry out R & D, testing and technical service activities to the man-made fiber textiles industry. MANTRA also cater to the increasing quality control needs of growing man-made textiles industry in Surat

Table 6 : Educational Institutions in Surat

Educational Institutes	Total
Primary Schools	2587
Secondary Schools	542
Higher sec Schools	
ITIs	30
Polytechnic	7
Pharmacy Colleges	6
Engineering Colleges	4
Medical Colleges	2
MCA Colleges	3
Management Colleges	4
Others *	25

* Arts, Commerce, Science, B.Ed & Law Colleges

Source: Surat District Profile 2006-07, Industries Commissionerate

Health

- Surat has a presence of specialised hospitals to provide a comprehensive range of tertiary and secondary care services backed by state-of- the- art technology and trained clinicians.
- There are 11 community and 50 primary health centers present in the district. 89 private hospitals are operational in Surat City.
- The city has some specialised hospitals for the treatment of life threatening diseases such as cancer and tuberculosis. Lions Cancer Detection Centre Trust at Surat has been providing specialised treatment to cancer patients since 1968.
- There are three TB hospitals present in Surat to provide best treatment facilities.



Lions Cancer Detection Trust at Surat

Source: Surat District Profile, Health and Family Welfare Department, 2007



Tourism

Tourism

- Surat accounted for 4.29% of the total tourist flow in Gujarat during 2006-07 and had shown a growth of 14.62% over the inflow of tourists during 2005-06
- The district has various tourist destinations. It houses finely carved mosques, Parsi agiaris and European tombs. Famous Dumas beach is only 18 Km away from Surat City
- Hazira beach is situated 28 Km from Surat. The pleasant Hazira beach is fringed by feathery 'Casurina' trees and has a comfortable holiday home for visitors.
- 90 Km from Surat is Ukai Dam built over river Tapi is a place worth-visiting.



Hazira Beach



European Tomb

Source: India Guide Gujarat, 2007, Tourist Flow in Gujarat, Annual Report (2006-07), Tourism Corporation of Gujarat Ltd.

Tourism

- Some of the renowned tourist destinations in Surat City are Surat Castle, Mughalsarai, Andrews Library, Sardar Vallabhbhai Patel Museum, Planetarium and the European tombs
- Swaraj Ashram at Bardoli, Historical fort at Songadh, Water Fun Park on Hazira Road , Aquatic Water Park at Kamrej, and Joy n Joy Amusement Park at Dhonapadi on NH-8 are some of the nearby tourist spots from the city
- The district has around 95 hotels including high, medium and economy class accommodation with total bed capacity of 4,993. Some of the 5, 4 and 3 star hotels in Surat are Holiday Inn, Hotel Golden, Lords Park Inn International, Central Excellency, Hotel Embassy, and Hotel Yuvraj.



Water Fun Park



Hotel Holiday Inn

Source: Annual Report (2006-07), Tourist Flow in Gujarat, TCGL, GoG



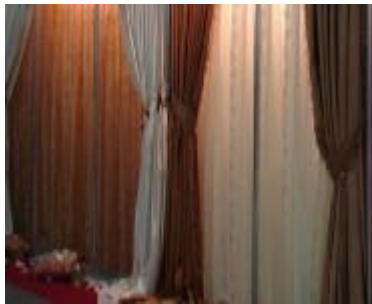
Investment Opportunities

Investment Opportunities



Agriculture

- *Opportunities for setting up of sugar manufacturing units*
- *Cattle feed*
- *Wax related units*



Textile

- *Modern spinning with captive power generation*
- *Manufacturing of fabrics*
- *Modern energy efficient textile processing*
- *Technical textiles*



Gems and Jewellery

- *Diamond processing centre*
- *Gold refinery unit*
- *Assaying and hallmarking centre*
- *Studded jewellery*
- *Artisan training centre, technical education centers - design*

Investment Opportunities



Chemicals

- *Intermediary chemical manufacturing units*
- *Polymer downstream projects*



IT/ ITeS

- *Software development centers*
- *Business Process Outsourcing (BPO)*
- *Knowledge Process Outsourcing (KPO)*
- *Training & educational centers*



Power

- *Power Generation Plants :*
 - *Using thermal energy*
 - *Using non-conventional sources of energy*

* Detailed Sector/ Project Profiles for investment opportunities available at www.indextb.com

Annexure I

Maps	Figures	Tables
Map 1: District Map of Surat and Tapi	Figure 1 : Food Crop Production 2006 - 07	Table 1 : Medium & Large Scale Players in Surat
Map 2: District Map of Tapi and Talukas	Figure 2 : Food and Non- Food Crop Production 2005-06	Table 2 : SEZs in Surat
Map 3: Lignite Reserves in Gujarat	Figure 3 : Lignite Production in Gujarat	Table 3 : Industrial Parks in Surat
Map 4: Major Industry Players in Surat District	Figure 4 & 5: Contribution of Sectors in SSI Units	Table 4 : Industrial Estates in Surat
Map 5 : Medium and Large Scale Industry Clusters	Figure 6 : Investments in 1988 -97 Vs 1998-07 Comparative Data in Last Two Decades	Table 5 : Proposed Industrial Cluster in Surat – Navsari Industrial Area
Map 6: SEZs in Surat	Figure 7 : Major Investments and Employment during 1988-97	Table 6 : Education Institutions in Surat
Map 7: Industrial Parks in Surat	Figure 8 : Major Investments and Employment during 1998-07	
Map 8 : Industrial Estates in Surat	Figure 9 : Number of MoU Signed (VGGIS 03, 05, 07)	
Map 9 : Delhi Mumbai Industrial Corridor	Figure 10 : Sector wise MoU Signed (VGGIS 03, 05, 07)	
Map 10 : Surat Nabsari Industrial Area		
Map 11 : Surat Road and Rail Network		
Map 12 : Surat Air Connectivity		
Map 13 : Surat Power Supply		
Map 14 : Surat Gas Network		

Annexure II : Abbreviations

- IEM** : Industrial Entrepreneur Memorandum
- MoU** : Memorandum of Understanding
- SSI** : Small Scale Industries
- MSI** : Medium Scale Industries
- LSI** : Large Scale Industries
- VGGIS** : Vibrant Gujarat Global Investors Summit
- GSECL** : Gujarat State Electricity Corporation Ltd
- SEZ** : Special Economic Zone
- LNG** : Liquefied Natural Gas
- GIDC** : Gujarat Industrial Development Corporation
- DMIC** : Delhi Mumbai Industrial Corridor
- DFC** : Delhi Freight Corridor
- GWSSB** : Gujarat Water Supply Sewerage Board
- BRTS** : Bus Rapid Transit System