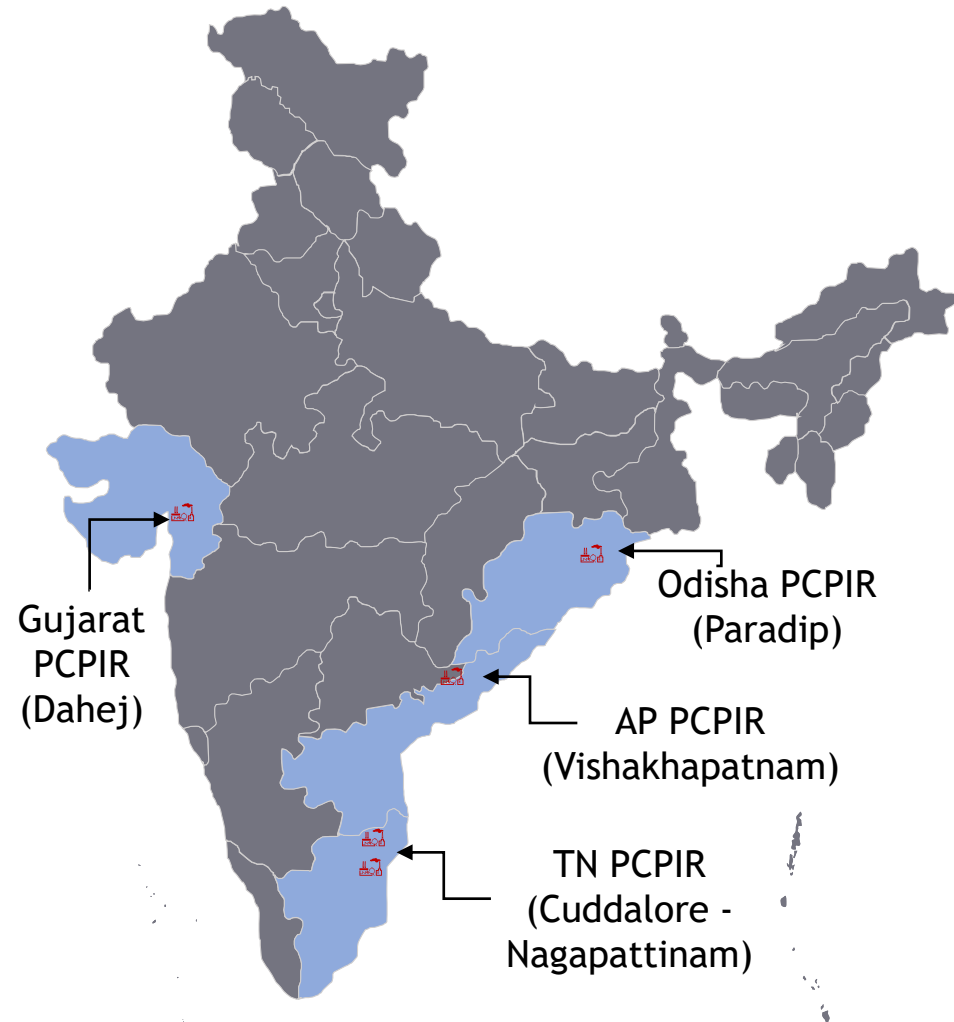




**Gujarat Industrial
Development
Corporation**
A Government of
Gujarat Undertaking

**The Captivating opportunity in
PCPIRs/ Chemical Hubs**

27-07-2023



PCPIR Policy 2007, Ministry of Chemicals and Fertilizers, Govt. of India

The policy identified 4 PCPIRs in India with an objective to:

- Promote investment in chemical and petrochemical sector
- Make the country an important hub for domestic and international market
- Have world class infrastructure with competitive environment conducive for setting up business in India

Gujarat PCPIR is one of the four PCPIRs comprising area of about 453 sq.km., also identified as Node 14 of the proposed Delhi-Mumbai Industrial Corridor (DMIC)

Gujarat PCPIR is the first Operational PCPIR in the country

Gujarat PCPIR: Locational Advantage



Key factors that led to the development of Dahej region as a Petrochemical hub

Robust supporting infrastructure - Road, Rail, Port, Power, Gas, Water

Port - Chemical Port -Liquid Cargo with Storage Facility at Dahej

State Highway linking the region with National Highway-48

Shall be shortly Connected to Delhi Mumbai Express way, Exclusive express way from Dahej to Bharuch and Bullet Train

Efficient waste management - CETP- Common Effluent Treatment Plant & disposal line, TSDF- Treatment, storage, & disposal facility sites , incineration

Concentration of Petroleum, Chemical and Petrochemical estates near PCPIR- Ankleshwar, Jhagadia and Panoli

Strategically located with smooth connectivity to major cities of Gujarat

Distance from major Cities (Urban Centres)

Bharuch : 44 km

Surat : 136 km

Vadodara : 130 km

Ahmedabad : 215 km



- Gujarat PCPIR (Petroleum, Chemicals and Petrochemicals Investment Region) spread over 453 sq.km. of area comprising of 44 villages is the only working PCPIR in India
- 5 GIDC Estates within PCPIR - Dahej-I, II, III, Vilayat & Sayakha spread over 11,158 ha (111 sq.kms)
- Focus sector: Chemical, Petrochemical, Dyes & Pigments, Textiles, Engineering
- GIDC has earmarked and developed /in process of development of residential areas in PCPIR- Atali-I Housing, Atali-II Housing and Dahej Housing (Kesrol, Eksaal and Manad)
- More than 1600 industries have already committed investment in the region

Investments in PCPIR

Investments Made till date
(at historical cost)

Rs 1,07,235 Cr

Investment in Infrastructure

Total investment in Infrastructure
(Public + Private)

Rs 21,274 Cr

Employment

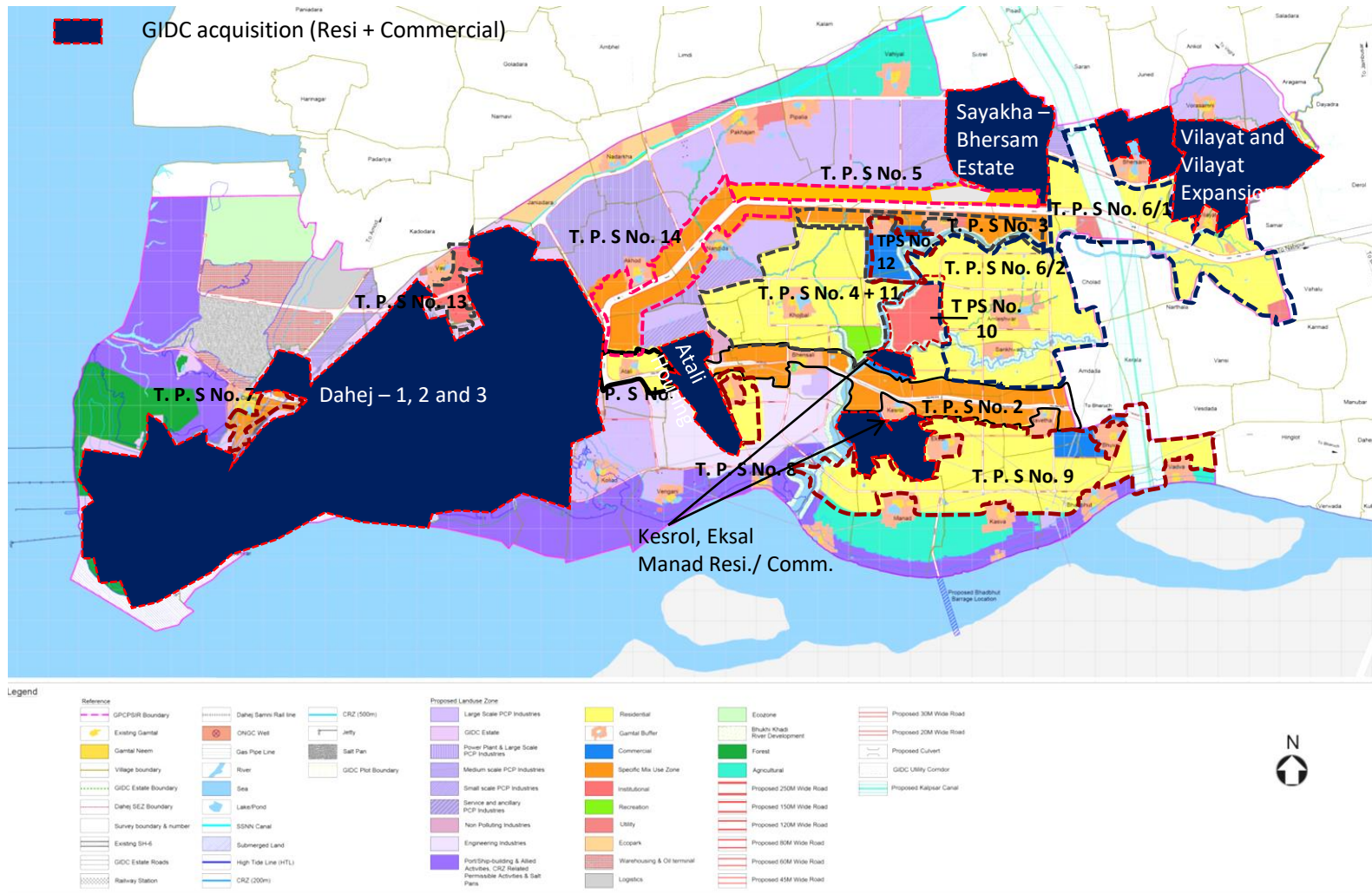
Direct Employment by major
companies

61,285

Indirect Employment

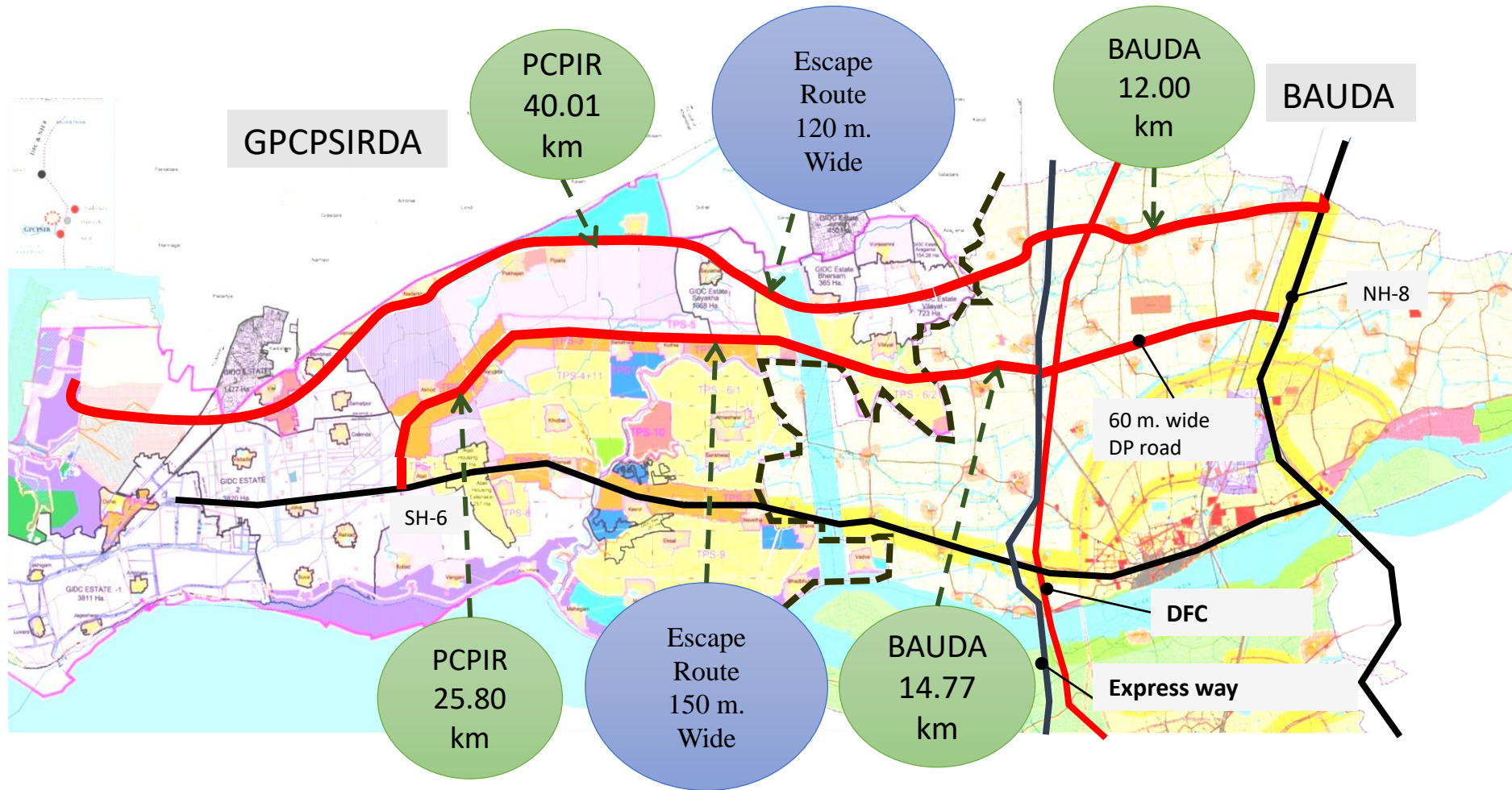
Approx. 1,83,855

Sanctioned Development Plan of Gujarat PCPIR



- Development plan Sanctioned on 15/09/2012
- Environment Clearance received from MoEF&CC on 14/9/2017
- Proposed 14 Town Planning Schemes for non processing area admeasuring 118 sq.kms
- 4 Draft Town Planning Schemes sanctioned in non processing area.

Sanctioned Development Plan of Gujarat PCPIR



- Two escape route 150m wide and 120 m wide proposed in development plan
- 6 new TP schemes under planning for implementation of 120m wide road passing through processing (Industrial) area.

PCPIR Infrastructure - Roads & Railway



SH - 6



Dahej Railway Station



Dahej - Bharuch Railway line



**Bharuch Dahej Rail Company Limited- A
Dedicated 62.36-km Broad Gauge rail link
between Bharuch and Dahej**



Total Operating capacity

32.9 MMTPA

- Adani Petronet Dahej Port P. Ltd : 11 MMTPA
- GCPTCL Liquid Chemical Terminal : 4.9 MMTPA
- LNG Petronet (Gas Terminal) : 10 MMTPA
- Reliance Jetty : 2 MMTPA
- Birla Copper Bulk Cargo Jetty : 5 MMTPA

New Development



- Development of Jetty for handling ODC (Over Dimensional Cargo). ISGEC and Godrej & Boyce Manufacturing and Company Ltd.

Proposed



- GCPTCL is expanding the existing capacity to 12.0 MMTPA by setting up 2nd berth.

PCPIR Infrastructure - Ports



Reliance Jetty



LNG Petronet Jetty



Adani Port



GCPTCL (Liquid Chemical Terminal)



Birla Copper Jetty





Existing



Power available from :

- 4 X 220 KV and 8 X 66 KV GETCO sub-stations.
- Gujarat Energy Transmission Corporation Limited (GETCO) has also completed construction of 220 KV sub station.
- 1200 MW gas based power plant by Torrent Power Ltd. in Dahej SEZ has been completed.

Recent Developer



- 2 X 66 KV substations in Sayakha have been commenced.

Proposed



- 2 X 220 KV and 1 X 400 KV & 8 X 66 KV substations are planned in Dahej & Saykha & Atali Housing.

Existing



- GIDC has installed water supply capacity of 555 MLD based on Narmada river, Narmada canal and Desalination plant

Present utilization average - 250 MLD

Raw Water Reservoir



Intake Wells : 227 MLD on Narmada River



PCPIR Infrastructure - 100 MLD Desalination Plant



India's First Largest Industrial Desalination Plant along with O&M for 10 Years



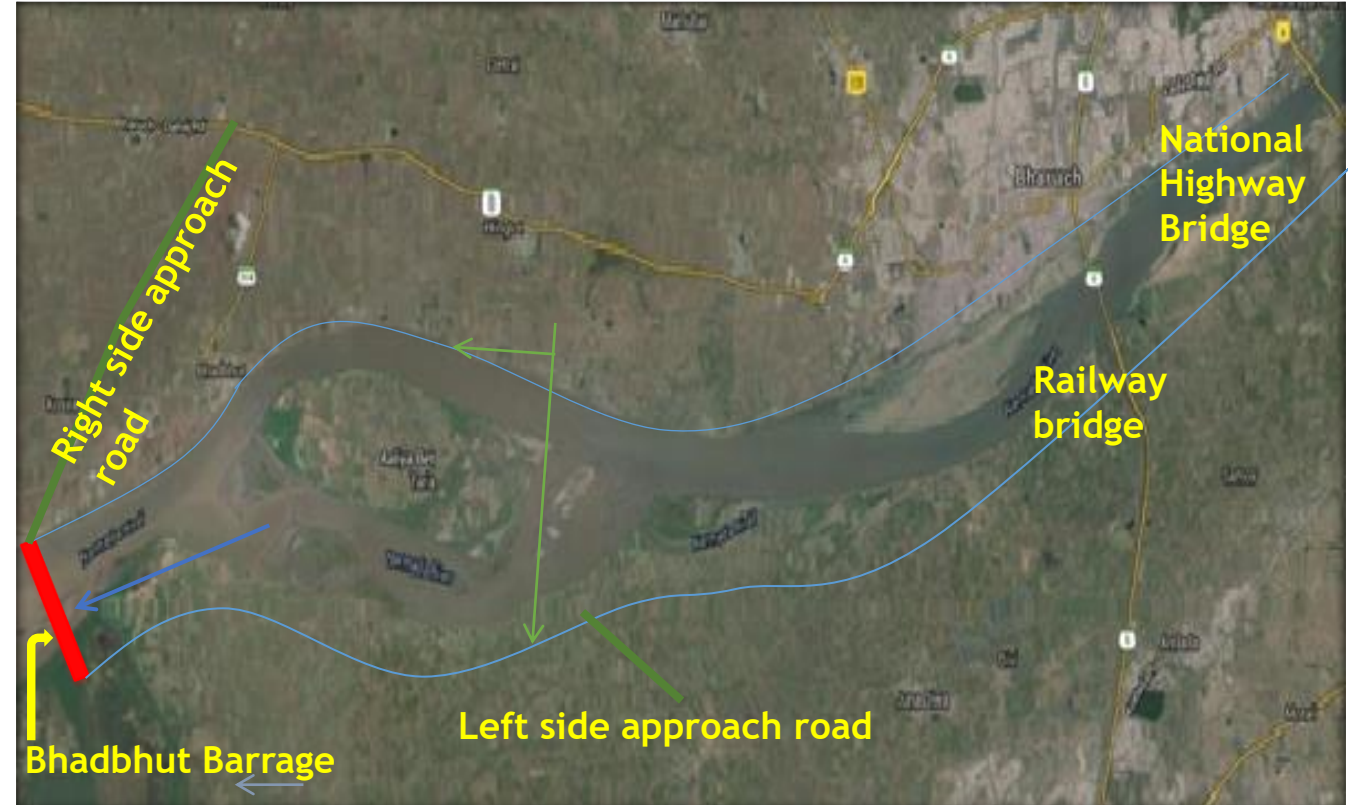
Location: Dahej, Bharuch

Agency: L&T JV Tecton

Status

- Inaugurated on 16/6/2022

- Developed by Kalpasar department, Govt of Gujarat
- Reservoir with storage capacity of 599 million cubic meter (MCM), prevent the tidal salinity ingress and soil erosion
- Provide fresh water for domestic, agricultural and industrial activity of Bharuch, Ankleshwar and Dahej area
- Shorten the distance between Dahej to Hazira (Surat) by 20 km
- Project cost: INR 4,254 cr work in progress
- Expected Completion by Oct 2025.



PCPIR Infrastructure - Effluent Disposal



CETP



Two CETPs developed by GIDC

- 40 MLD at Dahej
- 40 MLD at Sayakha



Dahej CETP – 40 MLD



Sayakha CETP – 40 MLD

Effluent Disposal



- GIDC is constructing 90 MLD disposal pipeline of 42 km
- Deep sea -4.25 Km Offshore line
- Total Project Cost - Rs 558 Cr
- Expected completion - Oct'24

Effluent Disposal Pipeline



PCPIR Infrastructure - Multi-Modal Logistics Park, Dahej



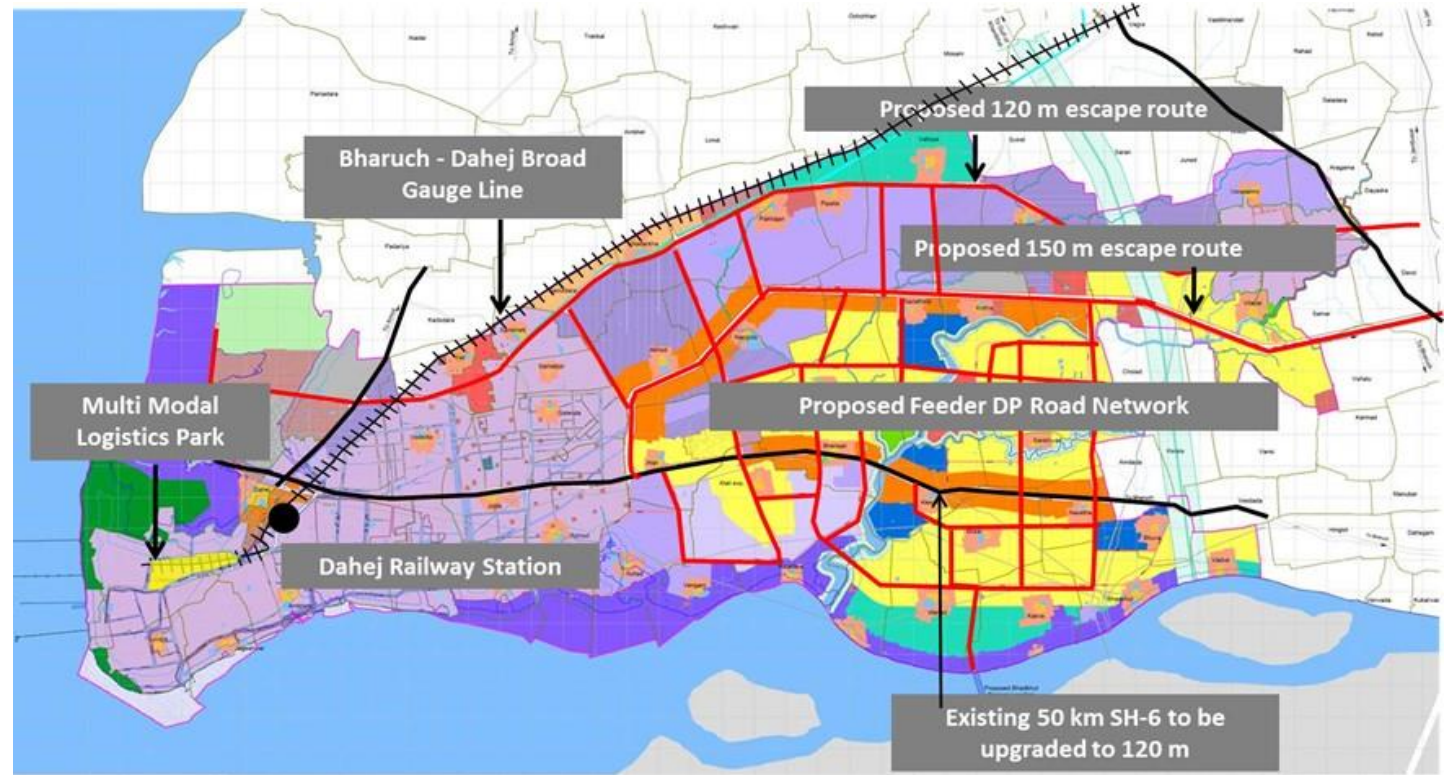
Area : 25 ha in Phase-I

Logistic Park is being developed by GIDC in joint venture with Container Corporation of India Ltd (CONCOR)

Total Project Cost:
INR 200 crore
(excluding land)

Phase I:
INR 90 crore will be completed by Aug'24

Subsequent phase:
INR 110 crore



Infrastructure Facilities



- Provided by GIDC.
- Permissible limit of 55 KLD/ ha area of land allotted for chemical & 33 KLD/Hac area of land allotted for Engineering. More water is available as per the need of industry

Rates

INR 52.5 per KL



- Two 66KV substation are operational.
- Torrent Power Ltd:- 1200 Mega KV power plant functional co-developer for power distribution

INR 8.50 per kwh



- Gujarat State Petronet Limited would supply GAS at doorstep of factory

INR 40-42 per SCM



- Provided by GIDC.
- Availability of 2 CETPs of 40 MLD each at Dahej and Saykha and effluent disposal pipeline

Connectivity



Vadodara International Airport	Surat Airport
130 KM	136 KM



Bharuch Railway Station
44 KM



Hazira
137 KM

Land Allotment Price

INR 2845/- per sq.mt

Treatment Storage and Disposal Facility (TSDF)

Bharuch Enviro Infrastructure Limited has developed hazardous waste management having a capacity of 1.4 MMT

Treatment Storage and Disposal Facility (TSDF)

GIDC has proposed to develop another Common Hazardous Waste site at Sayakha having capacity of 2.69 MMT.

Incinerators

Incinerators with capacity of 20 Million Kcal/hour are installed by Saurashtra Enviro Projects Pvt Ltd.



ONGC Petro Additions Limited (OPaL), a JV of ONGC, GAIL and GSPC has developed a world scale multi-feed cracker in the PCPIR

OPaL's unit at PCPIR, is one of the largest petrochemical plant in India, developed at an investment of INR 30,826 cr

The OPaL Cracker Unit was dedicated to the nation by Hon'ble Prime Minister Mr. Narendra Modi, in March 2017

Products

- Ethylene (1100 KTPA)
- Propylene (400 KTPA)
- Dedicated High Density Polyethylene (340 KTPA)
- Polypropylene (340 KTPA)
- Swing High/Linear Low Density Polyethylene (720 KTPA)
- Benzene (149 KTPA)
- Butadiene (114 KTPA)
- Carbon Black Feed Stock (70 KTPA)
- Pyrolysis Gas (165 KTPA)

Source: OPaL



Major Industries in PCPIR



Major existing players including both National and Multi-National Companies (MNCs) are Reliance, OPaL, ONGC, Hindalco, DIC Fine Chem, Rallis, Roxul, Perstorp, Kukdo Chemical, Continental Carbon, Lanxess, Welspun, Adani, Petronet LNG, GSPC, SRF, Pidilite, Torrent, Godrej & Boyce, Gujarat Fluorochemicals and many more.

Commissioned Units



**PCPIR Welfare Society,
registered under the
Societies Registration Act**

**GIDC charges an additional amount of
Rs15 per sq. mtr. of industrial plot allotted**

GIDC developed basic infrastructure (internal roads & water supply) in 10 villages – Rs 28 crores

Dahej, Lakhigam, Luvara, Ambheta, Jageshwar, Jolwa, Vadadala, Rahiyad, Suva and Galenda



Corporate Social Responsibilities by GIDC



Skill Upgradation Centres



Financial assistance for skill development & basic facilities for social up-liftment of the PCPIR villages-1.59 Cr



Corporate Social Responsibilities by GIDC



Modernized Pakhajan PHC - Rs 55 lakh



50 Bed Modern Hospital at Dahej



Upgraded General Hospital, Bharuch – 1 crore



2654 Toilets in Vagara Taluka- Rs 1 crore



Potable Water Supply Scheme - Rs 2 crore



An aerial night view of an industrial facility, likely a power plant or refinery, featuring two prominent tall smokestacks. The facility is illuminated with warm yellow lights, and a city skyline is visible in the background under a dark sky. The foreground shows a complex network of pipes and structures.

*Welcome to a whole new world
of opportunities*

Thank You